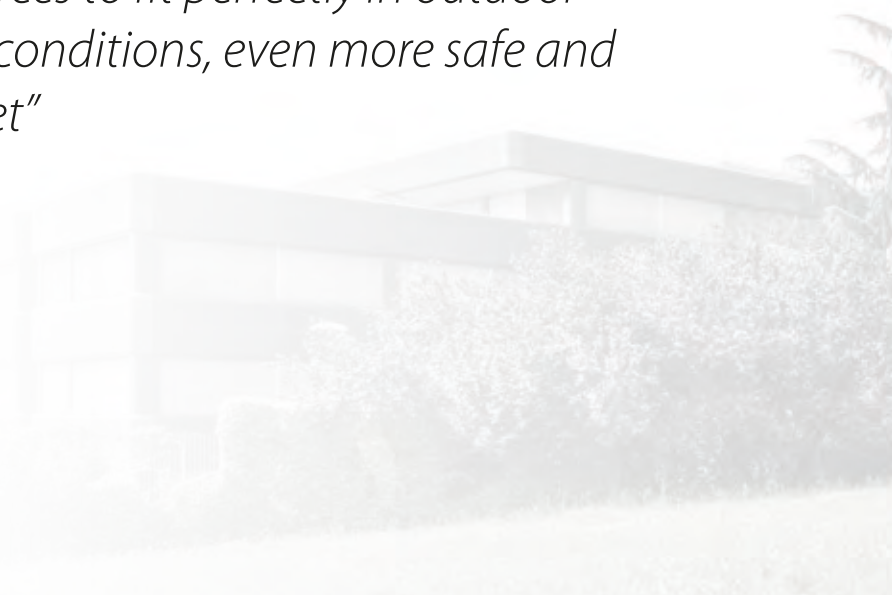
GEWISS

LIGHTING

NEW PRODUCTS 2017

"We've made a very definite choice: to innovate. Every day creating something better than the day before. Exploring new paths that nobody has ever taken. This is our history. This is our future."

"A predisposition to excellence, now is seen through the new range of BlueGreen, born to give life to all those natural elements that decorate the garden and to give light that creates an embracing atmosphere. The products BlueGreen are characterized by their blue tone that allow the sources to fit perfectly in outdoor areas, offering lighting conditions, even more safe and comfortable after sunset"



Company Product Market

The GEWISS story is a long entrepreneurial path that began with a brilliant product idea and, even today, still feeds on the ability to imagine the world of tomorrow. We set up the company on the concept of development as a constant management feature - an innovative philosophy that has allowed us to become a leader in the international electro-technical field.

Every one of our products is designed and built to reach the most important aim: that of improving the quality and safety of plant engineering solutions. The road we've chosen is the one of excellence, with a tireless search for the best possible level of technology, performance, reliability, practicality and design. Our goal is a range of products for the integrated electrical system. Products that ensure the highest qualitative standards and reflect our genuine love of beauty.

By listening to our customers and talking with them, we've built up solid, long-lasting relations. We've transformed this firm belief into an extensive range of services for the market, to improve and increase the professional level of our customers and foster the development of their businesses. Because creating direct relations with our customers, and making sure they last, is the foundation of mutual success.

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NEW PRODUCT

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NEW PRODUCT

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Blue green versions available in Midnight blue

Road [5]

Street lighting systems

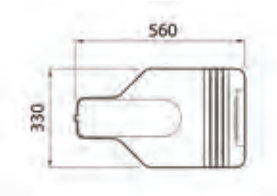
Road [5] is the new range of LED lighting devices which completes the offer for urban and road lighting. The new range has been designed to offer better lighting performances, simplify the installation and the maintenance of the lighting devices and promote the maximum energy-saving. Road [5] is the ideal solution to all types of urban and interurban road lighting, round-about, large outdoor areas and parking lots, both for new and already existing installations.

Technical characteristics page 12

ROAD [5] - MINI - CLASS I

OPTIC WIDE

GW R5 772



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I

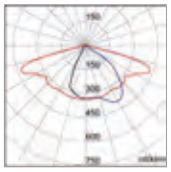
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 731	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	13 W	1560	1310	6,4	1
GW R5 771	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2620	6,4	1
GW R5 711	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6,4	1
GW R5 772	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6,6	1
GW R5 712	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6,6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 771 B	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	28 W	3120	2620	6,4	1
GW R5 711 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3840	6,4	1
GW R5 772 B	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	54 W	6240	5240	6,6	1
GW R5 712 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	7680	6,6	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 771 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2620	6,4	1
GW R5 711 M	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6,4	1
GW R5 772 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6,6	1
GW R5 712 M	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6,6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



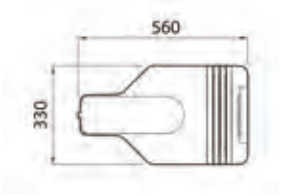
WIDE optic

For Special versions please contact our GEWISS Sales Organization

New product

OPTIC HUGE

GW R5 672



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I

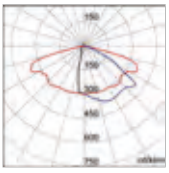
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 631	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	13 W	1560	1150	6,4	1
GW R5 671	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2300	6,4	1
GW R5 611	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3370	6,4	1
GW R5 672	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	4590	6,6	1
GW R5 612	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6,6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 671 B	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	28 W	3120	2300	6,4	1
GW R5 611 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3370	6,4	1
GW R5 672 B	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	54 W	6240	4590	6,6	1
GW R5 612 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	6730	6,6	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 671 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2300	6,4	1
GW R5 611 M	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3370	6,4	1
GW R5 672 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	4590	6,6	1
GW R5 612 M	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6,6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

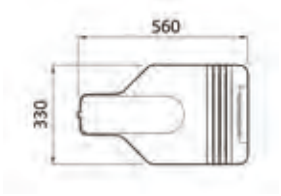
Photometric distributions



HUGE optic

CYCLE AND PEDESTRIAN OPTIC

GW R5 871 M



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I

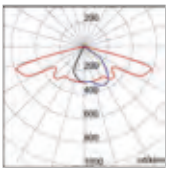
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 871 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	2350	1900	6,4	1
GW R5 872 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	4700	3800	6,4	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

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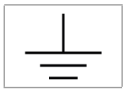
New product

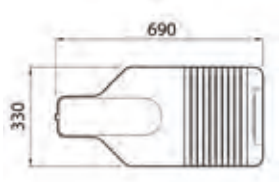
ROAD [5] - MEDIUM - CLASS I




OPTIC WIDE

GW R5 774



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I



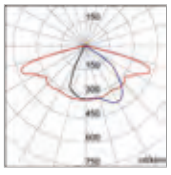

Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 773	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	7860	8	1
GW R5 713	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 774	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8,4	1
GW R5 714	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	15360	8,4	1
GW R5 775	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8,8	1
GW R5 715	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	19200	8,8	1
GW R5 776	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	15730	9,1	1
GW R5 716	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	23040	9,1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 773 B	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	81 W	9360	7860	8	1
GW R5 713 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	11520	8	1
GW R5 774 B	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	108 W	12480	10480	8,4	1
GW R5 714 B	4 (4x3 LED)	4000 K (CRI 70)	1 A	153 W	19080	15360	8,4	1
GW R5 775 B	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	134 W	15600	13100	8,8	1
GW R5 715 B	5 (5x3 LED)	4000 K (CRI 70)	1 A	191 W	23850	19200	8,8	1
GW R5 776 B	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	161 W	18720	15730	9,1	1
GW R5 716 B	6 (6x3 LED)	4000 K (CRI 70)	1 A	229 W	28620	23040	9,1	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 773 M	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	7860	8	1
GW R5 713 M	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 774 M	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8,4	1
GW R5 714 M	4 (4x3 LED)	4000 K (CRI 70)	1 A	113 W	19080	15360	8,4	1
GW R5 775 M	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8,8	1
GW R5 715 M	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	19200	8,8	1
GW R5 776 M	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	15730	9,1	1
GW R5 716 M	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	23040	9,1	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



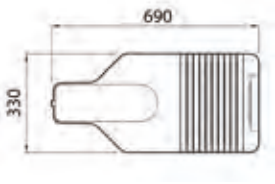
WIDE optic

For Special versions please contact our GEWISS Sales Organization

New product

OPTIC HUGE

GW R5 674



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS I

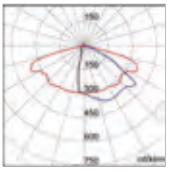
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 673	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	6890	8	1
GW R5 613	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	10100	8	1
GW R5 674	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	9190	8,4	1
GW R5 614	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	13460	8,4	1
GW R5 675	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	11480	8,8	1
GW R5 615	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	16820	8,8	1
GW R5 676	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	13780	9,1	1
GW R5 616	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	20190	9,1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 673 B	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	81 W	9360	6890	8	1
GW R5 613 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	10100	8	1
GW R5 674 B	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	108 W	12480	9190	8,4	1
GW R5 614 B	4 (4x3 LED)	4000 K (CRI 70)	1 A	153 W	19080	13460	8,4	1
GW R5 675 B	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	134 W	15600	11480	8,8	1
GW R5 615 B	5 (5x3 LED)	4000 K (CRI 70)	1 A	191 W	23850	16820	8,8	1
GW R5 676 B	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	161 W	18720	13780	9,1	1
GW R5 616 B	6 (6x3 LED)	4000 K (CRI 70)	1 A	229 W	28620	20190	9,1	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 673 M	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	6890	8	1
GW R5 613 M	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	10100	8	1
GW R5 674 M	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	9190	8,4	1
GW R5 614 M	4 (4x3 LED)	4000 K (CRI 70)	1 A	113 W	19080	13460	8,4	1
GW R5 675 M	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	11480	8,8	1
GW R5 615 M	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	16820	8,8	1
GW R5 676 M	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	13780	9,1	1
GW R5 616 M	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	20190	9,1	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



HUGE optic

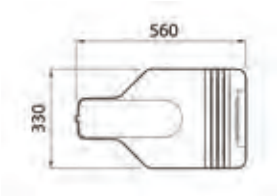
For Special versions please contact our GEWISS Sales Organization

New product

ROAD [5] - MINI - CLASS II

OPTIC WIDE

GW R5 272

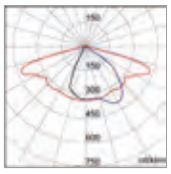


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 231	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	13 W	1560	1310	6,4	1
GW R5 271	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2620	6,4	1
GW R5 211	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6,4	1
GW R5 272	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6,6	1
GW R5 212	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6,6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 271 B	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	28 W	3120	2620	6,4	1
GW R5 211 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3840	6,4	1
GW R5 272 B	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	54 W	6240	5240	6,6	1
GW R5 212 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	7680	6,6	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 271 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2620	6,4	1
GW R5 211 M	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3840	6,4	1
GW R5 272 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	5240	6,6	1
GW R5 212 M	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	7680	6,6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.

Photometric distributions

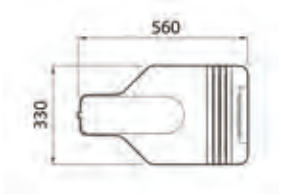


WIDE optic

For Special versions please contact our GEWISS Sales Organization

OPTIC HUGE

GW R5 172



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

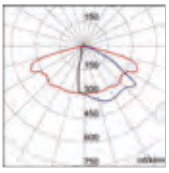
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 131	1 (1x3 LED)	4000 K (CRI 70)	0.35 A	13 W	1560	1150	6,4	1
GW R5 171	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2300	6,4	1
GW R5 111	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3370	6,4	1
GW R5 172	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	4590	6,6	1
GW R5 112	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6,6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 171 B	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	28 W	3120	2300	6,4	1
GW R5 111 B	1 (1x3 LED)	4000 K (CRI 70)	1 A	39 W	4770	3370	6,4	1
GW R5 172 B	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	54 W	6240	4590	6,6	1
GW R5 112 B	2 (2x3 LED)	4000 K (CRI 70)	1 A	77 W	9540	6730	6,6	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 171 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	3120	2300	6,4	1
GW R5 111 M	1 (1x3 LED)	4000 K (CRI 70)	1 A	38 W	4770	3370	6,4	1
GW R5 172 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	6240	4590	6,6	1
GW R5 112 M	2 (2x3 LED)	4000 K (CRI 70)	1 A	76 W	9540	6730	6,6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

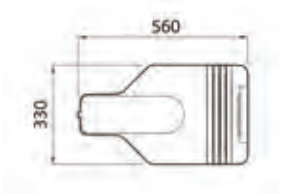
Photometric distributions



HUGE optic

CYCLE AND PEDESTRIAN OPTIC

GW R5 371 M



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

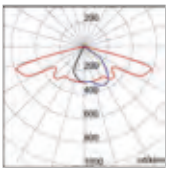
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 371 M	1 (1x3 LED)	4000 K (CRI 70)	0.7 A	27 W	2350	1900	6,4	1
GW R5 372 M	2 (2x3 LED)	4000 K (CRI 70)	0.7 A	53 W	4700	3800	6,6	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

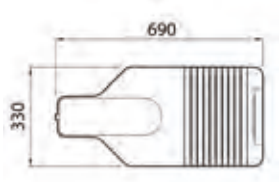
For Special versions please contact our GEWISS Sales Organization

New product

ROAD [5] - MEDIUM - CLASS II

OPTIC WIDE

GW R5 274



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

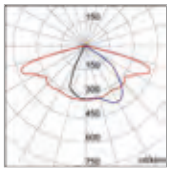
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 273	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	7860	8	1
GW R5 213	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 274	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8,4	1
GW R5 214	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	15360	8,4	1
GW R5 275	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8,8	1
GW R5 215	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	19200	8,8	1
GW R5 276	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	15730	9,1	1
GW R5 216	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	23040	9,1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 273 B	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	81 W	9360	7860	8	1
GW R5 213 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	11520	8	1
GW R5 275 B	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	134 W	15600	13100	8,8	1
GW R5 215 B	5 (5x3 LED)	4000 K (CRI 70)	1 A	191 W	23850	19200	8,8	1
GW R5 276 B	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	161 W	18720	15730	9,1	1
GW R5 216 B	6 (6x3 LED)	4000 K (CRI 70)	1 A	229 W	28620	23040	9,1	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 273 M	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	7860	8	1
GW R5 213 M	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	11520	8	1
GW R5 274 M	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	10480	8,4	1
GW R5 214 M	4 (4x3 LED)	4000 K (CRI 70)	1 A	113 W	19080	15360	8,4	1
GW R5 275 M	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	13100	8,8	1
GW R5 215 M	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	19200	8,8	1
GW R5 276 M	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	15730	9,1	1
GW R5 216 M	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	23040	9,1	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions

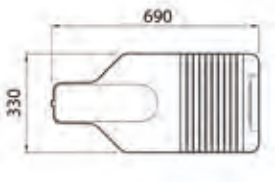


WIDE optic

For Special versions please contact our GEWISS Sales Organization

OPTIC HUGE

GW R5 174



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66 - FLAT GLASS - CLASS II

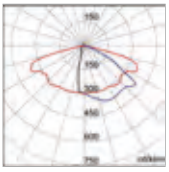
Code	Number of modules	Colour temperature	LED current	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW R5 173	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	6890	8	1
GW R5 113	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	10100	8	1
GW R5 174	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	9190	8,4	1
GW R5 114	4 (4x3 LED)	4000 K (CRI 70)	1 A	151 W	19080	13460	8,4	1
GW R5 175	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	11480	8,8	1
GW R5 115	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	16820	8,8	1
GW R5 176	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	13780	9,1	1
GW R5 116	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	20190	9,1	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW R5 173 B	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	81 W	9360	6890	8	1
GW R5 113 B	3 (3x3 LED)	4000 K (CRI 70)	1 A	115 W	14310	10100	8	1
GW R5 174 B	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	108 W	12480	9190	8,4	1
GW R5 114 B	4 (4x3 LED)	4000 K (CRI 70)	1 A	153 W	19080	13460	8,4	1
GW R5 175 B	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	134 W	15600	11480	8,8	1
GW R5 115 B	5 (5x3 LED)	4000 K (CRI 70)	1 A	191 W	23850	16820	8,8	1
GW R5 176 B	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	161 W	18720	13780	9,1	1
GW R5 116 B	6 (6x3 LED)	4000 K (CRI 70)	1 A	229 W	28620	20190	9,1	1
Voltage: 220/240 V - 50/60 Hz - Dimmerable 1-10 V								
GW R5 173 M	3 (3x3 LED)	4000 K (CRI 70)	0.7 A	79 W	9360	6890	8	1
GW R5 113 M	3 (3x3 LED)	4000 K (CRI 70)	1 A	113 W	14310	10100	8	1
GW R5 174 M	4 (4x3 LED)	4000 K (CRI 70)	0.7 A	106 W	12480	9190	8,4	1
GW R5 114 M	4 (4x3 LED)	4000 K (CRI 70)	1 A	113 W	19080	13460	8,4	1
GW R5 175 M	5 (5x3 LED)	4000 K (CRI 70)	0.7 A	132 W	15600	11480	8,8	1
GW R5 115 M	5 (5x3 LED)	4000 K (CRI 70)	1 A	189 W	23850	16820	8,8	1
GW R5 176 M	6 (6x3 LED)	4000 K (CRI 70)	0.7 A	159 W	18720	13780	9,1	1
GW R5 116 M	6 (6x3 LED)	4000 K (CRI 70)	1 A	227 W	28620	20190	9,1	1

Versions with 3000K (-30K) or 5700K (-57K) LED, and with lower LED current available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

Photometric distributions



HUGE optic

For Special versions please contact our GEWISS Sales Organization

New product

Road [5]

COMPACTNESS AND STRENGTH

The compact design and size contained in the luminaire are designed to fit in a balanced and discretion in any urban center, the big city to small towns.

PERFORMANCE EXCELLENCE

The different types of roads in the environment urban and suburban require the availability of different distributions bright. The appliance Road [5] It has different types of optics capable of satisfying all the installation requirements.

SIMPLIFIED INSTALLATION

The wiring can be done to equipment already fixed (without opening it use any tool), reducing considerably the installation time and making operations extremely secure.

Commercial information page 4

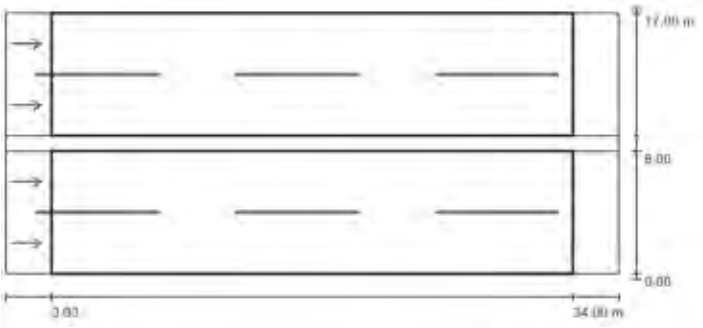
Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey and Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Integrated in the cover
Reflector	Metallised PC
Shield	Extra-clear flat glass 4 mm

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I/II
LIFETIME	L80B05@+25°C 77.000h a 0.7A L80B05@+25°C 120.000h a 1A
MARKS	CE

Technical solutions

Project: M2 road

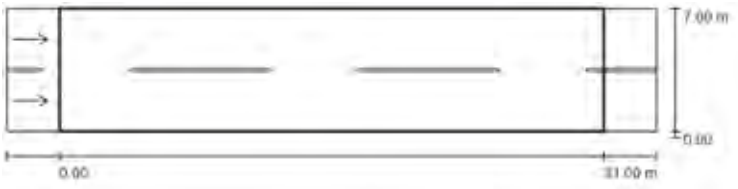


	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	1.51	0.79	0.74	10	0.79
Required values according to class	≥ 1.50	≥ 0.40	≥ 0.70	≤10	≥ 0.35
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5274 ROAD [5] 4(4X3 LED) 4000 K	EN 13201-2	M2	2	4	16 metres	9 metres	34 metres

For technical information contact the Technical Assistance Service or visit gewiss.com

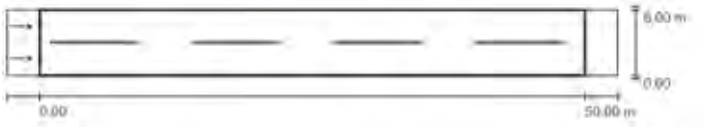
Project: M3 road



	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	1.13	0.51	0.60	12	0.56
Required values according to class	≥ 1.00	≥ 0.40	≥ 0.60	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5273 ROAD [5] 3(3X3 LED) 4000 K	EN 13201-2	M3	1	2	7 metres	8 metres	34 metres

Project: M5 road



	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	0.51	0.36	0.45	15	0.51
Required values according to class	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWR5271 ROAD [5] 1(1X3 LED) 4000 K	EN 13201-2	M5	1	2	6 metres	6 metres	50 metres

Street [O_3]

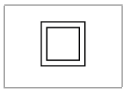
Street lighting systems

Street [O_3] is an innovative street lighting line for lighting public and private roads, large outdoor areas and car parks. The modular LED elements and variety of optics produce different levels of lighting to meet every design need. The [O_3] Optical Output Optimize technology offers great versatility and guarantees high performance results from the device.

Technical characteristics page 46

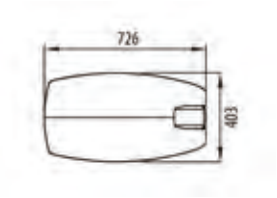
STREET [O3]




LED - OPTIC ST1

GW 87 413



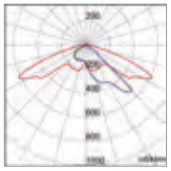
STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 mA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 410	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3470	Graphite/Aluminium	8.5	1
GW 87 411	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	6760	Graphite/Aluminium	9.1	1
GW 87 412	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	9860	Graphite/Aluminium	9.6	1
GW 87 413	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	12900	Graphite/Aluminium	10.3	1
GW 87 414	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	13740	Graphite/Aluminium	10.9	1

NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

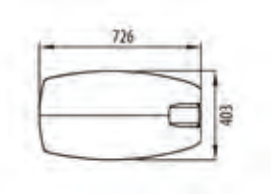
Photometric distributions



ST1 optic

For Special versions please contact our GEWISS Sales Organization

GW 87 533

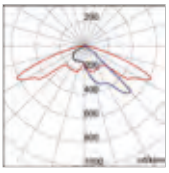


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 530	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	3030	Graphite/Aluminium	8.5	1
GW 87 531	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite/Aluminium	9.1	1
GW 87 532	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite/Aluminium	9.7	1
GW 87 533	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite/Aluminium	10.3	1
GW 87 534	5 (5x16 LED)	4000 K (CRI 70)	129 W	16530	13870	Graphite/Aluminium	10.9	1

NOTES: the data refer to 550 mA.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

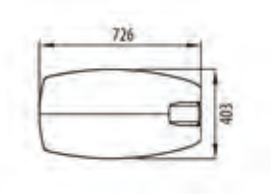
Photometric distributions



ST1 optic

LED - OPTIC ST1 - FOR PHOTOVOLTAIC SYSTEMS

GW 87 571

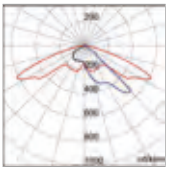


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 24 V dc - Stand alone								
GW 87 571	2 (2x16 LED)	4000 K (CRI 70)	50 W	6750	5660	Graphite/Aluminium	9.1	1

NOTE: the data refer to 550 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions

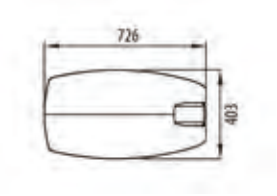


ST1 optic

For Special versions please contact our GEWISS Sales Organization

LED - OPTIC ST2

GW 87 433

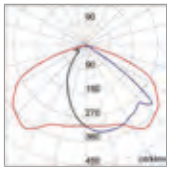


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 430	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3630	Graphite/Aluminium	8.5	1
GW 87 431	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	7060	Graphite/Aluminium	9.1	1
GW 87 432	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	10300	Graphite/Aluminium	9.7	1
GW 87 433	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	13480	Graphite/Aluminium	10.3	1
GW 87 434	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	14350	Graphite/Aluminium	10.9	1

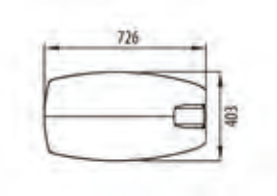
NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



ST2 optic

GW S7 633

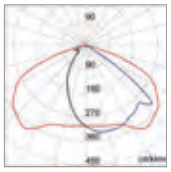


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 630	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	3160	Graphite/Aluminium	8.5	1
GW S7 631	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	6160	Graphite/Aluminium	9.1	1
GW S7 632	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8980	Graphite/Aluminium	9.7	1
GW S7 633	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11760	Graphite/Aluminium	10.3	1
GW S7 634	5 (5x16 LED)	4000 K (CRI 70)	129 W	16530	14500	Graphite/Aluminium	10.9	1

NOTES: The data refer to 550 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions

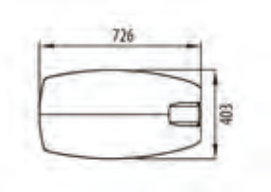


ST2 optic

For Special versions please contact our GEWISS Sales Organization

LED - OPTIC ST3

GW 87 453

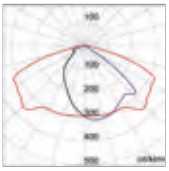


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 450	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3630	Graphite/Aluminium	8.5	1
GW 87 451	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	7060	Graphite/Aluminium	9.1	1
GW 87 452	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	10300	Graphite/Aluminium	9.7	1
GW 87 453	4 (4x16 LED)	4000 K (CRI 70)	131 W	15370	13480	Graphite/Aluminium	10.3	1
GW 87 454	5 (5x16 LED)	4000 K (CRI 70)	127 W	16360	14350	Graphite/Aluminium	10.9	1

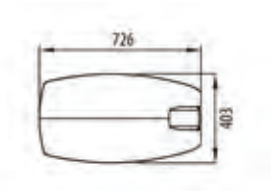
NOTE: data refer to 700 mA with the exclusion of the 5 module version, which can be set to max 550 mA. Driver adjustable at different LED current.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



ST3 optic

GW S7 683

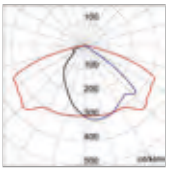


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 680	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	3160	Graphite/Aluminium	8.5	1
GW S7 681	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	6160	Graphite/Aluminium	9.1	1
GW S7 682	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8980	Graphite/Aluminium	9.7	1
GW S7 683	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11760	Graphite/Aluminium	10.3	1
GW S7 684	5 (5x16 LED)	4000 K (CRI 70)	129 W	16530	14500	Graphite/Aluminium	10.9	1

NOTES: The data refer to 550 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions

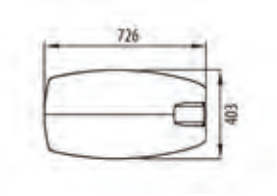


ST3 optic

For Special versions please contact our GEWISS Sales Organization

LED - CYCLE AND PEDESTRIAN OPTIC

GW S7 112



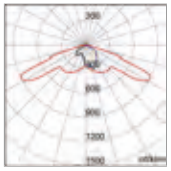
STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 700 mA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 110	1 (1x16 LED)	4000 K (CRI 70)	37 W	4140	3260	Graphite/Aluminium	8.5	1
GW S7 111	2 (2x16 LED)	4000 K (CRI 70)	68 W	8050	6330	Graphite/Aluminium	9.1	1
GW S7 112	3 (3x16 LED)	4000 K (CRI 70)	99 W	11740	9250	Graphite/Aluminium	9.6	1

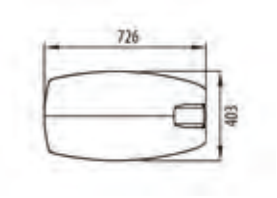
NOTE: the data refer to 700 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations. Driver adjustable at different LED current.
The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

GW S7 033



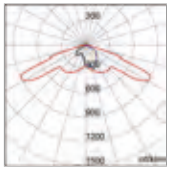
STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 030	1 (1x16 LED)	4000 K (CRI 70)	31 W	3610	2840	Graphite/Aluminium	8.5	1
GW S7 031	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite/Aluminium	9.1	1
GW S7 032	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite/Aluminium	9.7	1

NOTES: the data refer to 550 mA.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions

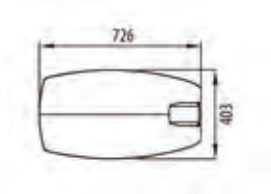


Cycle ped.optic

For Special versions please contact our GEWISS Sales Organization

LED - CYCLE AND PEDESTRIAN OPTIC - FOR PHOTOVOLTAIC SYSTEMS

GW S7 071

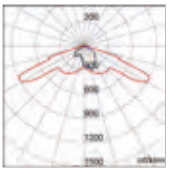


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 mA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 24 V dc - Stand alone								
GW S7 071	2 (2x16 LED)	4000 K (CRI 70)	50 W	6750	5310	Graphite/Aluminium	9.1	1

NOTE: the data refer to 550 mA.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

For Special versions please contact our GEWISS Sales Organization

GEWISS POLES AND SIDE BRACKETS

GW 84 096

CONICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 84 096	5.5	0.5	115	60	Graphite grey	45	1
GW 87 591	6.8	0.8	128	60	Graphite grey	48	1
GW 84 097	7.8	0.8	138	60	Graphite grey	54	1
GW 87 592	8.8	0.8	148	60	Graphite grey	91	1
GW 87 593	9.8	0.8	158	60	Graphite grey	107	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block.

GW 87 582

POLE HEAD BRACKETS - Ø 60 MM

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 581	Single pole head bracket	1 m	Graphite grey	8	1
GW 87 582	Double pole head bracket	1+1 m	Graphite grey	11.5	1

GW 87 587

BRACKETS AT VARIABLE HEIGHTS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 586	Long bracket	1 m	Graphite grey	6	1
GW 87 587	Short bracket	0.5 m	Graphite grey	3.5	1

NOTE: for poles with a diameter from 60 to 75 mm.

GW 86 167

WALL-MOUNTING BRACKET

Code	Description	Outer dim. LxHxD (mm)	Colour	Weight (kg)	Pack Carton
GW 86 167	Wall-mounting bracket	150x160x290	Graphite grey	1.6	1

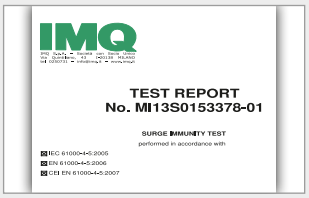
APPLICATIONS: allows the installation of the device on the wall and on 90° edges.
CHARACTERISTICS: hot galvanised steel and painted.

For Special versions please contact our GEWISS Sales Organization

Street [O_3]

Commercial information ***page 14***

OVERVOLTAGE PROTECTION


IMQ

TEST REPORT
No. MI13S0153378-01

SURGE IMMUNITY TEST
performed in accordance with

Thanks to the complete separation of electric / electronic parts from the device body, the Street [O_3] device is protected against induced overvoltages greater than 12KV in common mode, in accordance with Standard CEI EN 61000-4-5 (third party certification).

NEW OPTICS

The Street [O_3] range uses optical refraction coupled to the source obtaining a better efficiency and a re-optimal partition of the luminous flux. The GEWISS optics have been designed following the 3D model with the intent to define the geometries with maximum precision.

5-YEAR WARRANTY

This Led Lighting Gewiss range benefit from a full five-year warranty.

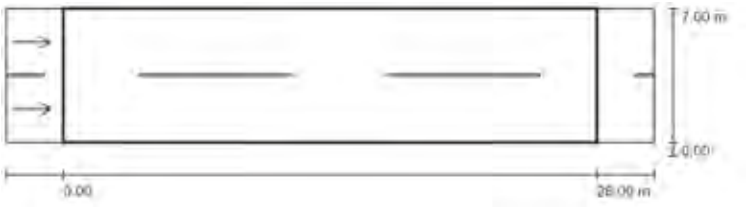
Technical characteristics of LED version

INSTALLATION	External
COLOUR	Graphite grey and Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Aluminium extrusion - range 6000
Lenses	Integrated in the shield
Shield	PMMA

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08 / IK06
INSULATION CLASS	II
LIFETIME	L80B10 @+25°C >100.000h L90B20 @+25°C >50.000h
MARKS	CE

Technical solutions

Project: M3 road



	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	1.19	0.50	0.61	6	0.62
Required values according to class	≥ 1.00	≥ 0.40	≥ 0.60	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GW87432 STREET[O3] 3X16 LED 700 mA 4000 K	EN 13201-2	M3	1	2	7 metres	8 metres	30 metres

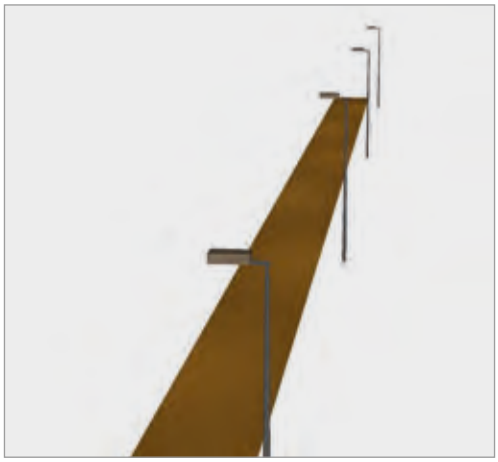
For technical information contact the Technical Assistance Service or visit gewiss.com

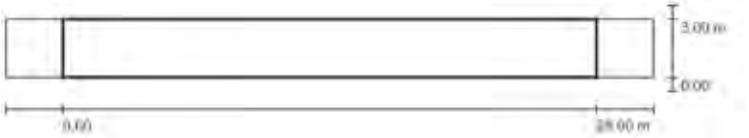
Project: M4 road

	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	0.78	0.48	0.60	11	0.46
Required values according to class	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.30
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWS7681 STREET[03] 2X16 LED 550 mA 4000 K	EN 13201-2	M4	1	2	7 metres	6 metres	24 metres

Project: P1 cycle and pedestrian path





	Em [lx]	Emin [lx]
Calculated values	15:20	6.14
Required values according to class	≥ 15.00	≥ 3.00
Fulfilled/Not fulfilled	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GW87450 STREET[03] 1X16 LED 700 mA 4000 K	EN 13201-2	P1	/	/	3 metres	5 metres	25 metres

For technical information contact the Technical Assistance Service or visit gewiss.com

Street [O_3] Maxi

Street lighting systems

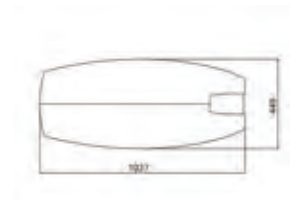
Street [O_3] Maxi is the LED lighting system designed for main and urban roads. The modular LED elements and variety of optics produce different levels of lighting to meet every design need. The [O_3] Optical Output Optimize technology offers great versatility and guarantees high performance results from the device.

Technical characteristics page 25

STREET [O3] MAXI

LED - OPTIC ST1

GW S7 805

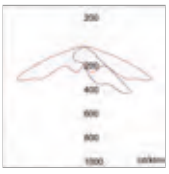


STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 801	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	16530	Graphite/Aluminium	16	1
GW S7 802	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	19310	Graphite/Aluminium	16.7	1
GW S7 803	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	22030	Graphite/Aluminium	17.3	1
GW S7 804	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	24780	Graphite/Aluminium	18	1
GW S7 805	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	27540	Graphite/Aluminium	18.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 821	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	16530	Graphite/Aluminium	16	1
GW S7 822	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	19310	Graphite/Aluminium	16.7	1
GW S7 823	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	22030	Graphite/Aluminium	17.3	1
GW S7 824	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	24780	Graphite/Aluminium	18	1
GW S7 825	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	27540	Graphite/Aluminium	18.7	1

NOTES: the data refer to 550 mA. 1-10 V stand alone and/or dimmerable versions: Adjustable LED current.
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions



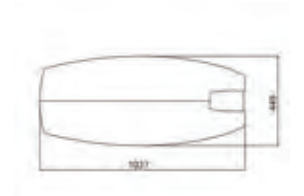
ST1 optic

For Special versions please contact our GEWISS Sales Organization

Street [O3] Maxi

LED - OPTIC ST2

GW S7 810



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 806	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	17260	Graphite/Aluminium	16	1
GW S7 807	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	20140	Graphite/Aluminium	16.7	1
GW S7 808	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	23030	Graphite/Aluminium	17.3	1
GW S7 809	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	25900	Graphite/Aluminium	18	1
GW S7 810	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	28780	Graphite/Aluminium	18.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 826	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	17260	Graphite/Aluminium	16	1
GW S7 827	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	20140	Graphite/Aluminium	16.7	1
GW S7 828	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	23030	Graphite/Aluminium	17.3	1
GW S7 829	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	25900	Graphite/Aluminium	18	1
GW S7 830	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	28780	Graphite/Aluminium	18.7	1

NOTES: The data refer to 550 mA.

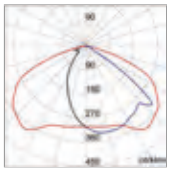
1-10 V stand alone and/or dimmerable versions: Adjustable LED current.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

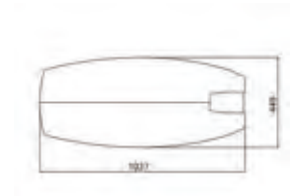
Photometric distributions



ST2 optic

LED - OPTIC ST3

GW S7 815



STREET LIGHTING IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 811	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	17260	Graphite/Aluminium	16	1
GW S7 812	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	20140	Graphite/Aluminium	16.7	1
GW S7 813	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	23030	Graphite/Aluminium	17.3	1
GW S7 814	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	25900	Graphite/Aluminium	18	1
GW S7 815	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	28780	Graphite/Aluminium	18.7	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 831	6 (6x16 LED)	4000 K (CRI 70)	166 W	19680	17260	Graphite/Aluminium	16	1
GW S7 832	7 (7x16 LED)	4000 K (CRI 70)	192 W	22960	20140	Graphite/Aluminium	16.7	1
GW S7 833	8 (8x16 LED)	4000 K (CRI 70)	217 W	26250	23030	Graphite/Aluminium	17.3	1
GW S7 834	9 (9x16 LED)	4000 K (CRI 70)	242 W	29520	25900	Graphite/Aluminium	18	1
GW S7 835	10 (10x16 LED)	4000 K (CRI 70)	268 W	32800	28780	Graphite/Aluminium	18.7	1

NOTES: The data refer to 550 mA.

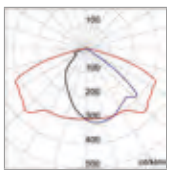
1-10 V stand alone and/or dimmerable versions: Adjustable LED current.

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Photometric distributions



ST3 optic

For Special versions please contact our GEWISS Sales Organization

Street [O3] Maxi

Commercial information ***page 23***

MORE POWER FOR LARGER STREETS

Street [O3] Maxi guarantees a lumen package of up to 28780lm (10 modules) for lighting busy extra-urban roads and, more generally, for all open spaces requiring efficient lighting.

NEW OPTICS

The Street [O3] range uses optical refraction coupled to the source obtaining a better efficiency and a re-optimal partition of the luminous flux. The GEWISS optics have been designed following the 3D model with the intent to define the geometries with maximum precision.

5-YEAR WARRANTY

5 YEARS WARRANTY

This Led Lighting Gewiss range benefit from a full five-year warranty.

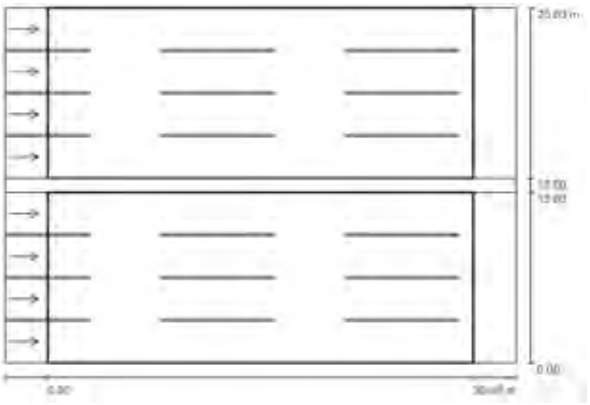
Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey and Aluminium grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Aluminium extrusion - range 6000
Lenses	Integrated in the shield
Shield	PMMA

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08 / IK06
INSULATION CLASS	II
LIFETIME	L80B10 @+25°C >100.000h L90B20 @+25°C >50.000h
MARKS	CE

Technical solutions

Project: M1 road



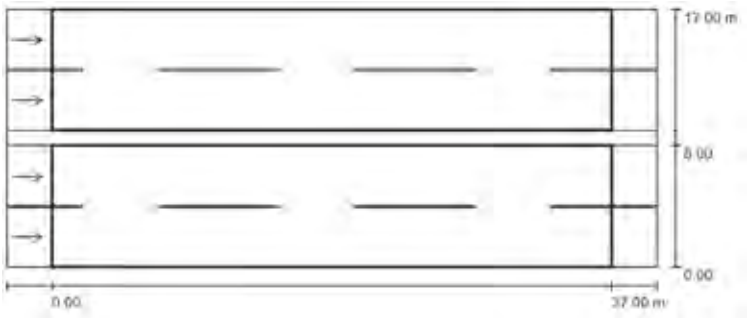
	Lm [cd/m²]	U0	UI	fTI [%]	SR
Calculated values	2.28	0.68	0.76	6	0.73
Required values according to class	≥ 2.00	≥ 0.40	≥ 0.70	≤10	≥ 0.35
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWS7809 STREET[03] MAXI 9X16 LED 550 mA 4000 K	EN 13201-2	M1	2	4	24 metres	10 metres	28 metres

For technical information contact the Technical Assistance Service or visit gewiss.com

Street [O3] Maxi

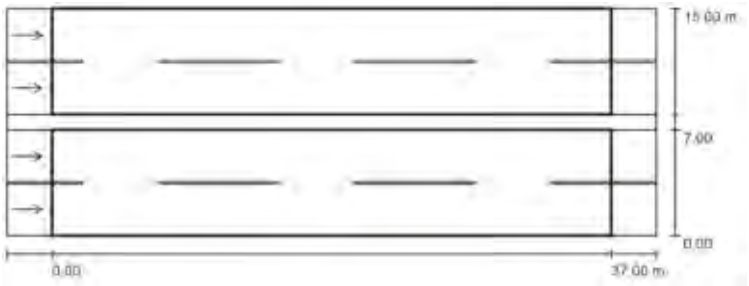
Project: M2 road



	Lm [cd/m²]	U0	Ul	fTI [%]	SR
Calculated values	1.50	0.69	0.72	10	0.78
Required values according to class	≥ 1.50	≥ 0.40	≥ 0.70	≤10	≥ 0.35
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWS7812 STREET[03] MAXI 7X16 LED 550 mA 4000 K	EN 13201-2	M2	2	4	16 metres	10 metres	37 metres

Project: M3 road



	Lm [cd/m²]	U0	Ul	fTI [%]	SR
Calculated values	1.20	0.52	0.62	7	0.86
Required values according to class	≥ 1.00	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled	✓	✓	✓	✓	✓

Device configuration	Reference standard	Lighting class	Number of carriageways	Number of lanes	Road width	Pole height	Interdistance
GEWISS GWS7811 STREET[03] MAXI 6X16 LED 550 mA 4000 K	EN 13201-2	M3	2	4	14 metres	10 metres	40 metres

For technical information contact the Technical Assistance Service or visit gewiss.com

Smart [4] 2.0 FL

Innovative LED Floodlight

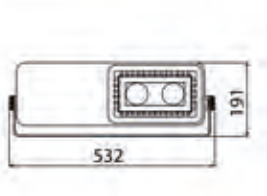
Thanks to the new latest generation LEDs, which are always combined with the most efficient optic solutions, the Smart[4] 2.0 range guarantees excellent lighting performance, greater visual comfort and excellent light quality.
The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.

Technical characteristics page 37

SMART[4] 2.0 FL -2L - EQUIVALENT TO 35W MT

STANDARD VERSIONS

GW S4 103 GS

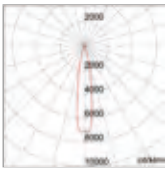


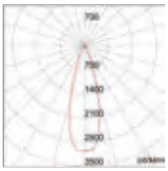
WIRED VERSIONS - IP66 - CLASS I

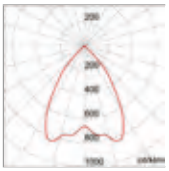
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 101 GS	Spotlight 10°	4000 K (CRI 80)	25 W	2960	2130	Grey RAL 7037	3	1
GW S4 102 GS	Restricted 30°	4000 K (CRI 80)	25 W	2960	2060	Grey RAL 7037	3	1
GW S4 103 GS	Medium 60°	4000 K (CRI 80)	25 W	2960	2730	Grey RAL 7037	3	1
GW S4 104 GS	Diffused 100°	4000 K (CRI 80)	25 W	2960	2600	Grey RAL 7037	3	1
GW S4 105 GS	Elliptical	4000 K (CRI 80)	25 W	2960	2640	Grey RAL 7037	3	1
GW S4 106 GS	Asymmetrical	4000 K (CRI 80)	25 W	2960	2540	Grey RAL 7037	3	1
GW S4 101 BS	Spotlight 10°	3000 K (CRI 80)	25 W	2750	1980	Midnight blue	3	1
GW S4 103 BS	Medium 60°	3000 K (CRI 80)	25 W	2750	2540	Midnight blue	3	1
GW S4 104 BS	Diffused 100°	3000 K (CRI 80)	25 W	2750	2420	Midnight blue	3	1
GW S4 105 BS	Elliptical	3000 K (CRI 80)	25 W	2750	2450	Midnight blue	3	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 101 GD	Spotlight 10°	4000 K (CRI 80)	26 W	2960	2130	Grey RAL 7037	3	1
GW S4 102 GD	Restricted 30°	4000 K (CRI 80)	26 W	2960	2060	Grey RAL 7037	3	1
GW S4 103 GD	Medium 60°	4000 K (CRI 80)	26 W	2960	2730	Grey RAL 7037	3	1
GW S4 104 GD	Diffused 100°	4000 K (CRI 80)	26 W	2960	2600	Grey RAL 7037	3	1
GW S4 105 GD	Elliptical	4000 K (CRI 80)	26 W	2960	2640	Grey RAL 7037	3	1
GW S4 106 GD	Asymmetrical	4000 K (CRI 80)	26 W	2960	2540	Grey RAL 7037	3	1
GW S4 101 BD	Spotlight 10°	3000 K (CRI 80)	26 W	2750	1980	Midnight blue	3	1
GW S4 103 BD	Medium 60°	3000 K (CRI 80)	26 W	2750	2540	Midnight blue	3	1
GW S4 104 BD	Diffused 100°	3000 K (CRI 80)	26 W	2750	2420	Midnight blue	3	1
GW S4 105 BD	Elliptical	3000 K (CRI 80)	26 W	2750	2450	Midnight blue	3	1

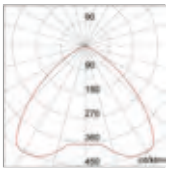
ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

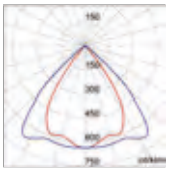
Photometric distributions

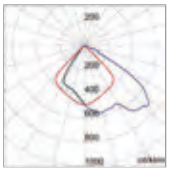

Spotlight 10°


Restricted 30°


Medium 60°


Diffused 100°


Elliptical


Asymmetrical

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEM

GW L1 906

SPARE PART

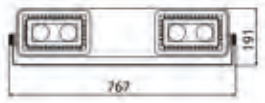
Code	Description	Dimensions (mm)	Pack Carton
GW L1 906	Transparent glass 2L	176 x 82	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.0 FL -2+2L - EQUIVALENT TO 70W MT

STANDARD VERSIONS

GW S4 112 GS



WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 111 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 112 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 113 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 114 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 115 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 116 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	5.1	1
GW S4 111 BS	Spotlight 10°	3000 K (CRI 80)	50 W	5500	3950	Midnight blue	5.1	1
GW S4 113 BS	Medium 60°	3000 K (CRI 80)	50 W	5500	5070	Midnight blue	5.1	1
GW S4 114 BS	Diffused 100°	3000 K (CRI 80)	50 W	5500	4840	Midnight blue	5.1	1
GW S4 115 BS	Elliptical	3000 K (CRI 80)	50 W	5500	4910	Midnight blue	5.1	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 111 GD	Spotlight 10°	4000 K (CRI 80)	51 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 112 GD	Restricted 30°	4000 K (CRI 80)	51 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 113 GD	Medium 60°	4000 K (CRI 80)	51 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 114 GD	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 115 GD	Elliptical	4000 K (CRI 80)	51 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 116 GD	Asymmetrical	4000 K (CRI 80)	51 W	5910	5080	Grey RAL 7037	5.1	1
GW S4 111 BD	Spotlight 10°	3000 K (CRI 80)	51 W	5500	3950	Midnight blue	5.1	1
GW S4 113 BD	Medium 60°	3000 K (CRI 80)	51 W	5500	5070	Midnight blue	5.1	1
GW S4 114 BD	Diffused 100°	3000 K (CRI 80)	51 W	5500	4840	Midnight blue	5.1	1
GW S4 115 BD	Elliptical	3000 K (CRI 80)	51 W	5500	4910	Midnight blue	5.1	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

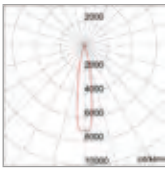
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

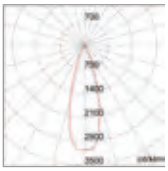
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

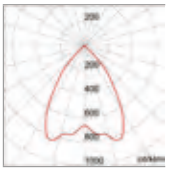
Photometric distributions



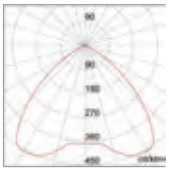
Spotlight 10°



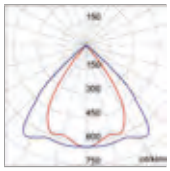
Restricted 30°



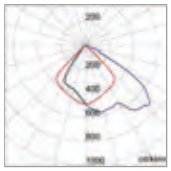
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEM

GW L1 906

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 906	Transparent glass 2L	176 x 82	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.0 FL - 5L - EQUIVALENT TO 100W MT

STANDARD VERSIONS

GW S4 133 GS

WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 131 GS	Spotlight 10°	4000 K (CRI 80)	60 W	7120	5320	Grey RAL 7037	4.9	1
GW S4 132 GS	Restricted 30°	4000 K (CRI 80)	60 W	7120	5150	Grey RAL 7037	4.9	1
GW S4 133 GS	Medium 60°	4000 K (CRI 80)	60 W	7120	6820	Grey RAL 7037	4.9	1
GW S4 134 GS	Diffused 100°	4000 K (CRI 80)	60 W	7120	6510	Grey RAL 7037	4.9	1
GW S4 135 GS	Elliptical	4000 K (CRI 80)	60 W	7120	6600	Grey RAL 7037	4.9	1
GW S4 136 GS	Asymmetrical	4000 K (CRI 80)	60 W	7120	6350	Grey RAL 7037	4.9	1
GW S4 131 BS	Spotlight 10°	3000 K (CRI 80)	60 W	6610	4940	Midnight blue	4.9	1
GW S4 133 BS	Medium 60°	3000 K (CRI 80)	60 W	6610	6340	Midnight blue	4.9	1
GW S4 134 BS	Diffused 100°	3000 K (CRI 80)	60 W	6610	6050	Midnight blue	4.9	1
GW S4 135 BS	Elliptical	3000 K (CRI 80)	60 W	6610	6130	Midnight blue	4.9	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 131 GD	Spotlight 10°	4000 K (CRI 80)	61 W	7120	5320	Grey RAL 7037	4.9	1
GW S4 132 GD	Restricted 30°	4000 K (CRI 80)	61 W	7120	5150	Grey RAL 7037	4.9	1
GW S4 133 GD	Medium 60°	4000 K (CRI 80)	61 W	7120	6820	Grey RAL 7037	4.9	1
GW S4 134 GD	Diffused 100°	4000 K (CRI 80)	61 W	7120	6510	Grey RAL 7037	4.9	1
GW S4 135 GD	Elliptical	4000 K (CRI 80)	61 W	7120	6600	Grey RAL 7037	4.9	1
GW S4 136 GD	Asymmetrical	4000 K (CRI 80)	61 W	7120	6350	Grey RAL 7037	4.9	1
GW S4 131 BD	Spotlight 10°	3000 K (CRI 80)	61 W	6610	4940	Midnight blue	4.9	1
GW S4 133 BD	Medium 60°	3000 K (CRI 80)	61 W	6610	6340	Midnight blue	4.9	1
GW S4 134 BD	Diffused 100°	3000 K (CRI 80)	61 W	6610	6050	Midnight blue	4.9	1
GW S4 135 BD	Elliptical	3000 K (CRI 80)	61 W	6610	6130	Midnight blue	4.9	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

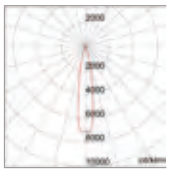
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

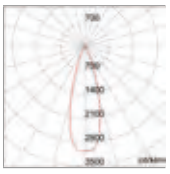
Nominal flux referred to Tj=85°C.

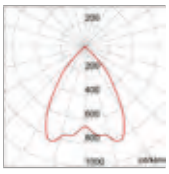
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

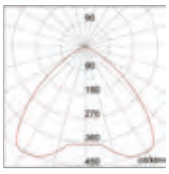
Maximum working temperature: +50°C.

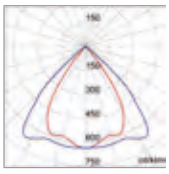
Photometric distributions

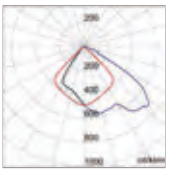

Spotlight 10°


Restricted 30°


Medium 60°


Diffused 100°

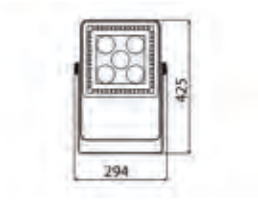

Elliptical


Asymmetrical

For Special versions please contact our GEWISS Sales Organization

RGBW VERSIONS

GW S4 133 GC



WIRED VERSION - IP66 - CLASS I

Code	Optic	System power	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - Pilot current 1 A - DMX					
GW S4 133 GC	Medium 60°	82 W	Grey RAL 7037	5.1	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector. 6 DMX channels: Red; Green; Blue; White; Strobo and Rainbow.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

GW L1 908

DONGLE FOR ASSIGNMENT OF DMX ADDRESSES

Code	Power supply batteries	Display	Weight (kg)	Pack Carton
GW L1 908	Two AAA 1.5 V batteries	LED	0.3	1

NOTE: to be used for addressing and supervising the RGBW equipment.

GW 85 691

RGB CONTROL MODULE

Code	No. of manageable devices/units	No. Chorus modules	DMX Channels	Display	Weight (kg)	Pack Carton
Voltage: 12 V - 50/60 Hz						
GW 85 691	10	3	64	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame GW16803. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed.
For the KNX-DMX interface, refer to the Domotics catalogue.

GW 85 692

COMPLEMENTARY ITEMS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Pack Carton
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEM

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

GW L1 933

FIXING ACCESSORIE

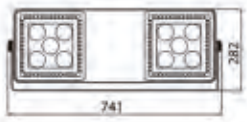
Code	Description	Pack Carton
GW L1 933	Fixing spike Smart[4] single	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.0 FL - 5+5L - EQUIVALENT TO 250W MT

STANDARD VERSIONS

GW S4 153 GS



WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 151 GS	Spotlight 10°	4000 K (CRI 80)	118 W	14280	10630	Grey RAL 7037	8.5	1
GW S4 152 GS	Restricted 30°	4000 K (CRI 80)	118 W	14280	10300	Grey RAL 7037	8.5	1
GW S4 153 GS	Medium 60°	4000 K (CRI 80)	118 W	14280	13650	Grey RAL 7037	8.5	1
GW S4 154 GS	Diffused 100°	4000 K (CRI 80)	118 W	14280	13020	Grey RAL 7037	8.5	1
GW S4 155 GS	Elliptical	4000 K (CRI 80)	118 W	14280	13200	Grey RAL 7037	8.5	1
GW S4 156 GS	Asymmetrical	4000 K (CRI 80)	118 W	14280	12690	Grey RAL 7037	8.5	1
GW S4 151 BS	Spotlight 10°	3000 K (CRI 80)	118 W	13270	9880	Midnight blue	8.5	1
GW S4 153 BS	Medium 60°	3000 K (CRI 80)	118 W	13270	12680	Midnight blue	8.5	1
GW S4 154 BS	Diffused 100°	3000 K (CRI 80)	118 W	13270	12100	Midnight blue	8.5	1
GW S4 155 BS	Elliptical	3000 K (CRI 80)	118 W	13270	12270	Midnight blue	8.5	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 151 GD	Spotlight 10°	4000 K (CRI 80)	121 W	14280	10630	Grey RAL 7037	8.5	1
GW S4 152 GD	Restricted 30°	4000 K (CRI 80)	121 W	14280	10300	Grey RAL 7037	8.5	1
GW S4 153 GD	Medium 60°	4000 K (CRI 80)	121 W	14280	13650	Grey RAL 7037	8.5	1
GW S4 154 GD	Diffused 100°	4000 K (CRI 80)	121 W	14280	13020	Grey RAL 7037	8.5	1
GW S4 155 GD	Elliptical	4000 K (CRI 80)	121 W	14280	13200	Grey RAL 7037	8.5	1
GW S4 156 GD	Asymmetrical	4000 K (CRI 80)	121 W	14280	12690	Grey RAL 7037	8.5	1
GW S4 151 BD	Spotlight 10°	3000 K (CRI 80)	121 W	13270	9880	Midnight blue	8.5	1
GW S4 153 BD	Medium 60°	3000 K (CRI 80)	121 W	13270	12680	Midnight blue	8.5	1
GW S4 154 BD	Diffused 100°	3000 K (CRI 80)	121 W	13270	12100	Midnight blue	8.5	1
GW S4 155 BD	Elliptical	3000 K (CRI 80)	121 W	13270	12270	Midnight blue	8.5	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

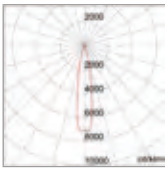
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

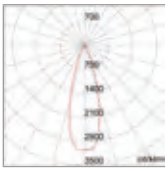
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

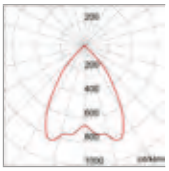
Photometric distributions



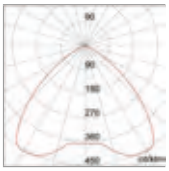
Spotlight 10°



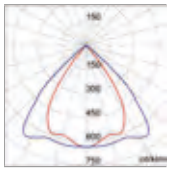
Restricted 30°



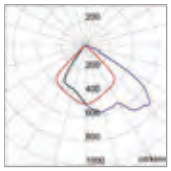
Medium 60°



Diffused 100°



Elliptical

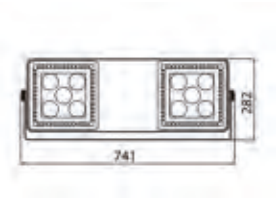


Asymmetrical

For Special versions please contact our GEWISS Sales Organization

RGBW VERSIONS

GW S4 153 GC



WIRED VERSION - IP66 - CLASS I

Code	Optic	System power	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - Pilot current 1 A - DMX					
GW S4 153 GC	Medium 60°	165 W	Grey RAL 7037	9	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector. 6 DMX channels: Red; Green; Blue; White; Strobo and Rainbow.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

GW L1 908

DONGLE FOR ASSIGNMENT OF DMX ADDRESSES

Code	Power supply batteries	Display	Weight (kg)	Pack Carton
GW L1 908	Two AAA 1.5 V batteries	LED	0.3	1

NOTE: to be used for addressing and supervising the RGBW equipment.

GW 85 691

RGB CONTROL MODULE

Code	No. of manageable devices/units	No. Chorus modules	DMX Channels	Display	Weight (kg)	Pack Carton
Voltage: 12 V - 50/60 Hz						
GW 85 691	10	3	64	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame GW16803. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed.
For the KNX-DMX interface, refer to the Domotics catalogue.

GW 85 692

COMPLEMENTARY ITEMS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Pack Carton
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

GW L1 934

FIXING ACCESSORIE

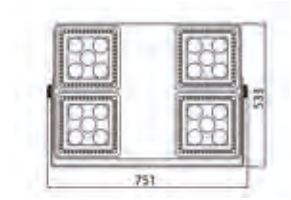
Code	Description	Pack Carton
GW L1 934	Fixing spike Smart[4] double	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.0 FL - 4X5L - EQUIVALENT TO 400W MT

STANDARD VERSIONS

GW S4 173 GS



WIRED VERSIONS - IP66 - CLASS I

CONSTANT CURRENT DRIVER

5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 171 GS	Spotlight 10°	4000 K (CRI 80)	236 W	28480	21270	Grey RAL 7037	15.9	1
GW S4 172 GS	Restricted 30°	4000 K (CRI 80)	236 W	28480	20600	Grey RAL 7037	15.9	1
GW S4 173 GS	Medium 60°	4000 K (CRI 80)	236 W	28480	27290	Grey RAL 7037	15.9	1
GW S4 174 GS	Diffused 100°	4000 K (CRI 80)	236 W	28480	26040	Grey RAL 7037	15.9	1
GW S4 175 GS	Elliptical	4000 K (CRI 80)	236 W	28480	26400	Grey RAL 7037	15.9	1
GW S4 176 GS	Asymmetrical	4000 K (CRI 80)	236 W	28480	25380	Grey RAL 7037	15.9	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 171 GD	Spotlight 10°	4000 K (CRI 80)	245 W	28480	21270	Grey RAL 7037	15.9	1
GW S4 172 GD	Restricted 30°	4000 K (CRI 80)	245 W	28480	20600	Grey RAL 7037	15.9	1
GW S4 173 GD	Medium 60°	4000 K (CRI 80)	245 W	28480	27290	Grey RAL 7037	15.9	1
GW S4 174 GD	Diffused 100°	4000 K (CRI 80)	245 W	28480	26040	Grey RAL 7037	15.9	1
GW S4 175 GD	Elliptical	4000 K (CRI 80)	245 W	28480	26400	Grey RAL 7037	15.9	1
GW S4 176 GD	Asymmetrical	4000 K (CRI 80)	245 W	28480	25380	Grey RAL 7037	15.9	1

ACCESSORIES SUPPLIED: Fixing bracket and watertight push-in connector.

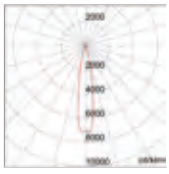
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

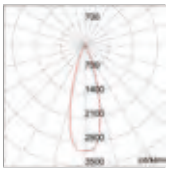
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +50°C.

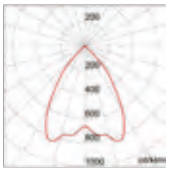
Photometric distributions



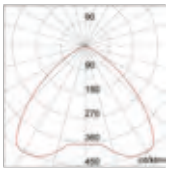
Spotlight 10°



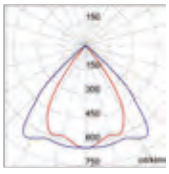
Restricted 30°



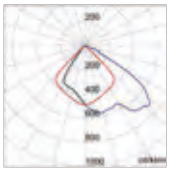
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEM

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 FL

Commercial information page 27

OPTIC SYSTEM

A single line of six different optics that ensure excellent lighting performance in terms of colour yield and light flux control, according to the specific context.

NEW BLUEGREEN VERSIONS

The Smart [4] 2.0 range has been extended with new versions bluegreen particularly suitable for installation in gardens and parks where the luminaire integrates perfectly with the blue of the night.

SPORTS APPLICATIONS

The Smart [4] 2.0 versions with a wall bracket are certified in accordance with DIN 18032-3. This means they are suitable for use in indoor sports facilities like multi-functional gyms or sports halls.

Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL7037 / Midnight blue
MATERIALS	
Body	Technopolymer PA6.6+GF
Heat sink	Die-cast aluminium EN AB 44300 - copper free
Collimator	PC
Secondary lens	PMMA (where envisaged)
Shield	Extra-clear flat glass 4 mm
Bracket	Painted galvanised steel

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I
LIFETIME	L80B05 @+25°C =120.000h
MARKS	CE DIN18032-3

Technical solutions

Project: indoor basketball court

Length [m]	28
Width [m]	15
Activity	SPORT - indoor basketball
Class	III
Eav [lx]	200
Emin\Eav	0.5

Luminaire	**Smart [4] FL 2.0 GWS4173GS**
Installation	Ceiling
Luminaire mounting height (m)	10
Number of floodlights	10
Number of floodlights per row	5
Eav [lx]	230
Emin\Eav	0.74

For technical information contact the Technical Assistance Service or visit gewiss.com

Smart[Pro]

Floodlights

NEW PRODUCT

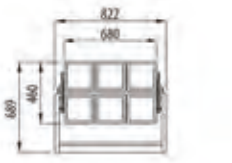
Smart[Pro] is the new range of LED lighting devices for high-power floodlights. It was designed to offer high lighting performance, simplified installation, reduced maintenance and top energy savings in both simple and complex systems.
Smart[Pro] is the ideal solution for professional sport, highmast, airport applications, etc...

Technical characteristics page 42

SMART[PRO]

HE VERSIONS - HIGH EFFICIENCY

GW P1 161 HE



HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - 6M EQIVALENT TO 1000W MT - IP66 - CLASS I

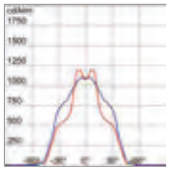
CONSTANT CURRENT DRIVER

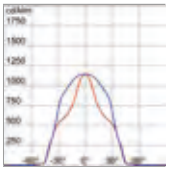
5 YEARS WARRANTY

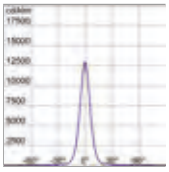
Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 161 HE	Symmetrical restricted	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	73780	31	1
GW P1 162 HE	Symmetrical diffused	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	76240	31	1
GW P1 163 HE	Restricted circular	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	65590	31	1
GW P1 164 HE	Asymmetrical restricted	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	66410	31	1
GW P1 165 HE	Asymmetrical diffused	6 (6x9 LED)	4000 K (CRI 70)	770 W	85860	57390	31	1
Versions: 5700K cold light								
GW P1 261 HE	Symmetrical restricted	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	79350	31	1
GW P1 262 HE	Symmetrical diffused	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	82000	31	1
GW P1 263 HE	Restricted circular	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	70540	31	1
GW P1 264 HE	Asymmetrical restricted	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	71420	31	1
GW P1 265 HE	Asymmetrical diffused	6 (6x9 LED)	5700 K (CRI 70)	770 W	92340	61720	31	1

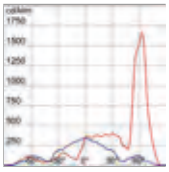
NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

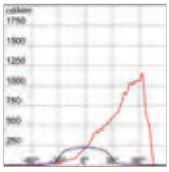
Photometric distributions


Symmetrical restricted


Symmetrical diffused

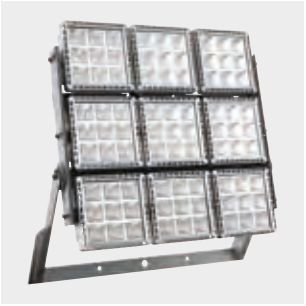

Restricted circular


Asymmetrical restricted

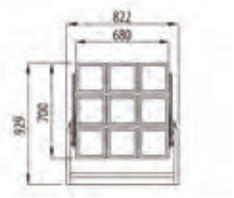

Asymmetrical diffused

For Special versions please contact our GEWISS Sales Organization

New product



GW P1 191 HE



HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - IP66 - 9M EQIVALENT TO 2000W MT - CLASS I

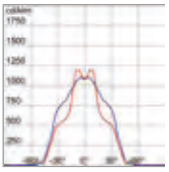
CONSTANT CURRENT DRIVER

5 YEARS WARRANTY

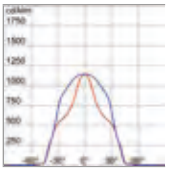
Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 191 HE	Symmetrical restricted	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	110680	41	1
GW P1 192 HE	Symmetrical diffused	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	114370	41	1
GW P1 193 HE	Restricted circular	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	98380	41	1
GW P1 194 HE	Asymmetrical restricted	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	99610	41	1
GW P1 195 HE	Asymmetrical diffused	9 (9x9 LED)	4000 K (CRI 70)	1110 W	128790	86080	41	1
Versions: 5700K cold light								
GW P1 291 HE	Symmetrical restricted	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	119030	41	1
GW P1 292 HE	Symmetrical diffused	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	123000	41	1
GW P1 293 HE	Restricted circular	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	105800	41	1
GW P1 294 HE	Asymmetrical restricted	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	107130	41	1
GW P1 295 HE	Asymmetrical diffused	9 (9x9 LED)	5700 K (CRI 70)	1110 W	138510	92580	41	1

NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

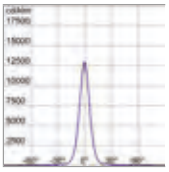
Photometric distributions



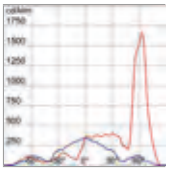
Symmetrical restricted



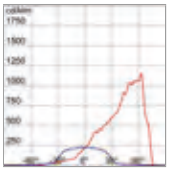
Symmetrical diffused



Restricted circular



Asymmetrical restricted



Asymmetrical diffused

COMPLEMENTARY ITEMS

GW P1 901 HE

SUPPLY UNITS

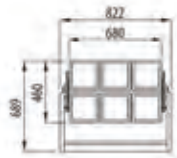
Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 901 HE	High Efficiency - 1,1A	6	100-240 V - 50/60 Hz	Stand alone	1
GW P1 902 HE	High Efficiency - 1,1A	9	100-240 V - 50/60 Hz	Stand alone	1
GW P1 903 HE	High Efficiency - 1,1A	9	270-400 V - 50/60 Hz	Stand alone	1

For Special versions please contact our GEWISS Sales Organization

New product

HL VERSIONS - HIGH LUMEN

GW P1 161 HL

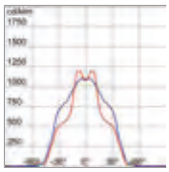


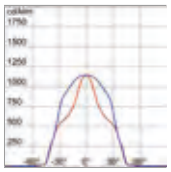
HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - IP66 - 6M EQIVALENT TO 1000W MT - CLASS I

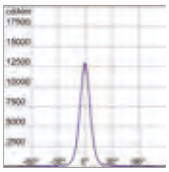
Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 161 HL	Symmetrical restricted	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	89100	31	1
GW P1 162 HL	Symmetrical diffused	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	92070	31	1
GW P1 163 HL	Restricted circular	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	79200	31	1
GW P1 164 HL	Asymmetrical restricted	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	80190	31	1
GW P1 165 HL	Asymmetrical diffused	6 (6x9 LED)	4000 K (CRI 70)	1020 W	103680	69300	31	1
Versions: 5700K cold light								
GW P1 261 HL	Symmetrical restricted	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	95830	31	1
GW P1 262 HL	Symmetrical diffused	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	99020	31	1
GW P1 263 HL	Restricted circular	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	85180	31	1
GW P1 264 HL	Asymmetrical restricted	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	86240	31	1
GW P1 265 HL	Asymmetrical diffused	6 (6x9 LED)	5700 K (CRI 70)	1020 W	111510	74530	31	1

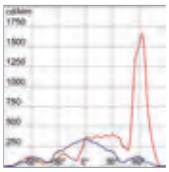
NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

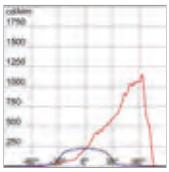
Photometric distributions

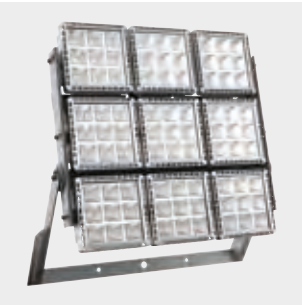

Symmetrical restricted


Symmetrical diffused

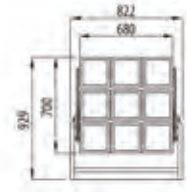

Restricted circular


Asymmetrical restricted


Asymmetrical diffused



GW P1 191 HL

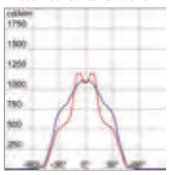


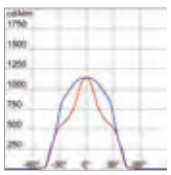
HIGH POWER FLOODLIGHT MADE IN DIE CAST ALUMINIUM - IP66 - 9M EQIVALENT TO 2000W MT - CLASS I

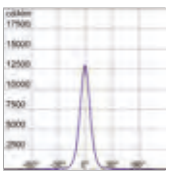
Code	Optic	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Versions: 4000K natural light								
GW P1 191 HL	Symmetrical restricted	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155525	133650	41	1
GW P1 192 HL	Symmetrical diffused	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155525	138110	41	1
GW P1 193 HL	Restricted circular	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155525	118800	41	1
GW P1 194 HL	Asymmetrical restricted	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155525	120290	41	1
GW P1 195 HL	Asymmetrical diffused	9 (9x9 LED)	4000 K (CRI 70)	1510 W	155525	103950	41	1
Versions: 5700K cold light								
GW P1 291 HL	Symmetrical restricted	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	143740	41	1
GW P1 292 HL	Symmetrical diffused	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	148530	41	1
GW P1 293 HL	Restricted circular	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	127770	41	1
GW P1 294 HL	Asymmetrical restricted	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	129360	41	1
GW P1 295 HL	Asymmetrical diffused	9 (9x9 LED)	5700 K (CRI 70)	1510 W	167260	111800	41	1

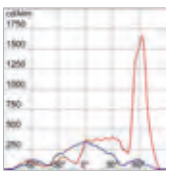
NOTE: Must be complete with supply unit. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

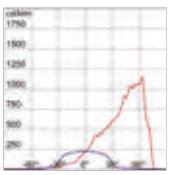
Photometric distributions


Symmetrical restricted


Symmetrical diffused


Restricted circular

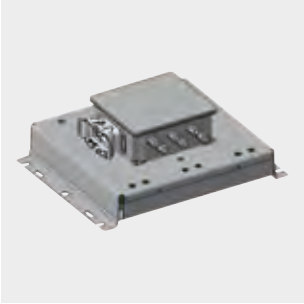

Asymmetrical restricted


Asymmetrical diffused

For Special versions please contact our GEWISS Sales Organization

New product

COMPLEMENTARY ITEMS



GW L1 912 HL

SUPPLY UNITS

Code	Version	Number of modules	Supply voltage	Type	Pack Carton
GW P1 911 HL	High Lumen - 1,4A	6	100-240 V - 50/60 Hz	Stand Alone - 1/10V	1
GW P1 912 HL	High Lumen - 1,4A	9	100-240 V - 50/60 Hz	Stand Alone - 1/10V	1
GW P1 913 HL	High Lumen - 1,4A	9	270-400 V - 50/60 Hz	Stand Alone - 1/10V	1

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New product

Smart Pro

Commercial information ***page 38***

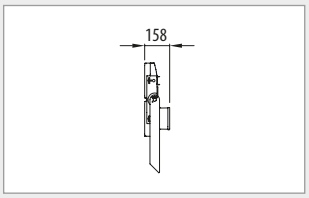
REDUCED MAINTENANCE

The average lifetime of a LED device goes well beyond the average number of operating hours of traditional lamps, and at the same time makes it possible to reduce the amount of maintenance interventions.

IMMEDIATE ON AND OFF

Unlike traditional lamps, they switch on immediately, for instance in the case of a temporary blackout, and the total light flux is available straight away.

COMPACT AND FLEXIBLE



Thanks to the compact design and installation flexibility of the lighting body, they can be used in new systems or inserted in existing ones, from large outdoor areas to major sports facilities.

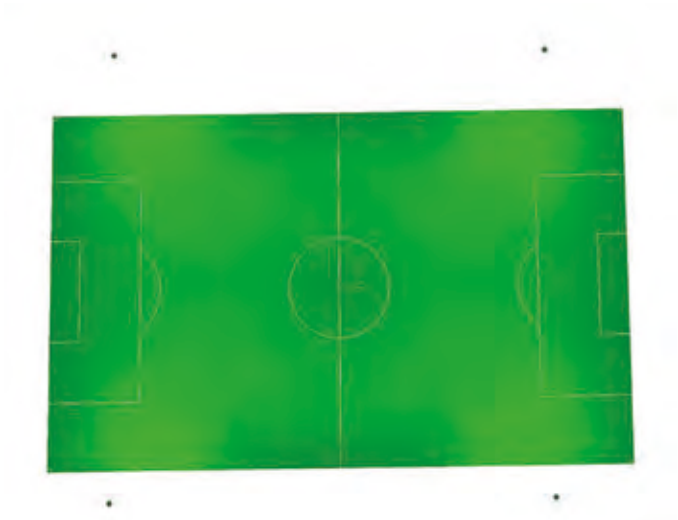
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	Graphite Grey
MATERIALS	
Structure	Galvanized iron and coated with polyester powder
Heat sink	EN AB 44300 die-cast aluminium
Shield	Tempered glass 4 mm
Bracket	Galvanized iron and coated with polyester powder

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I
LIFETIME	L80B10 =110,000h\L90B10=50,000h for HE versions L80B10 =75,000h\L90B10=35,000h for HL versions
MARKINGS	CE

Installation solutions

Project: Standard football

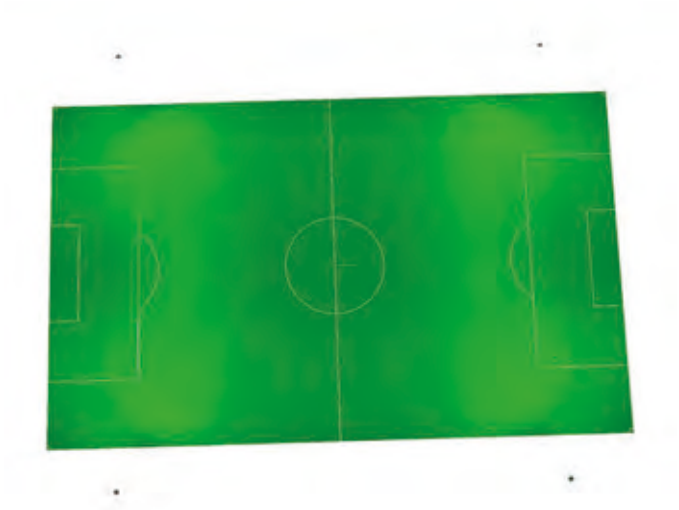


Length [m]	105
Width [m]	65
Task or job carried out	SPORT - Standard football
Class	II
Eav [lx]	200
Emin\Eav	0.6

Device	SMART[PRO] GWP1294HL 9M/757 HL AC
Number of poles	4
Number of floodlights	20
Pole height [m]	25
Eav [lx]	212
Emin\Eav	0.6

Installation solutions

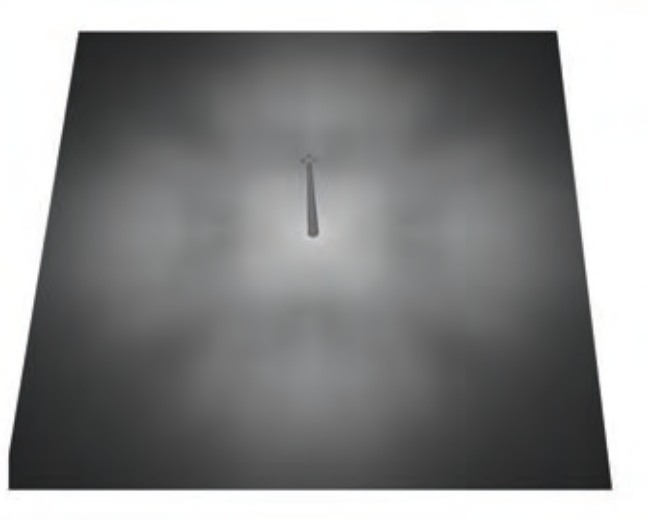
Project: Standard football



Length [m]	105
Width [m]	65
Task or job carried out	SPORT - Standard football
Class	III
Eav [lx]	75
Emin\Eav	0.5
Device	SMART[PRO] GWP1292HL 9M/757 HL SD
Number of poles	4
Number of floodlights	8
Pole height [m]	25
Eav [lx]	103
Emin\Eav	0.6

Installation solutions

Project: Construction site



Standard	EN 12464-2:2014
Reference	5.3.2
Task or job carried out	Areas of construction, transport, storage and auxiliary activities
Average lighting on the work surface (Em)	50 lx
Uniformity (Uo)	0.4
Area dimensions	3844 m²
Product code	SMART[PRO] GWP1164HE 6M/740 HE AC
Quantity	4
Average lighting on the work surface (Em)	52
Uniformity (Uo)	0.4
Installed electric power	3kW

Urban [O_3]

Urban lighting systems

Urban [O_3] is a modular urban lighting system that's the perfect combination of design and innovation. The different installation configurations (pole, pole head, side bracket, suspension) and the wide range of proposed optics ensure lighting for urban environments that guarantees energy savings and respect for the environment.
The line is completed with the new BlueGreen versions that blend perfectly into the context of gardens and parks.

Technical characteristics page 60

SIDE COUPLING SYSTEMS FOR COMMERCIAL SIDE BRACKETS - LED

LED - ST1 STREET OPTIC

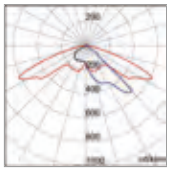
GW 87 601

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 601	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW 87 602	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW 87 603	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW 87 606	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
GW 87 607	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW 87 608	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
GW 87 611	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.7	1
GW 87 612	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.3	1
GW 87 613	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11	1
GW 87 616	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.7	1
GW 87 617	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.3	1
GW 87 618	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 621	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW 87 622	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW 87 623	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW 87 626	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
GW 87 627	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW 87 628	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
GW 87 631	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.7	1
GW 87 632	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.3	1
GW 87 633	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11	1
GW 87 636	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.7	1
GW 87 637	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.3	1
GW 87 638	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11	1

NOTES: the data refer to 550 mA.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



ST1 optic

For Special versions please contact our GEWISS Sales Organization

LED - CYCLE AND PEDESTRIAN OPTIC

GW S7 201

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 201	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.7	1
GW S7 202	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.3	1
GW S7 203	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11	1
GW S7 206	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.7	1
GW S7 207	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.3	1
GW S7 208	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11	1
GW S7 211	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	9.7	1
GW S7 212	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	10.3	1
GW S7 213	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	11	1
GW S7 216	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	9.7	1
GW S7 217	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	10.3	1
GW S7 218	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 221	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.7	1
GW S7 222	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.3	1
GW S7 223	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11	1
GW S7 226	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.7	1
GW S7 227	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.3	1
GW S7 228	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11	1
GW S7 231	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	9.7	1
GW S7 232	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	10.3	1
GW S7 233	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	11	1
GW S7 236	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	9.7	1
GW S7 237	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	10.3	1
GW S7 238	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	11	1

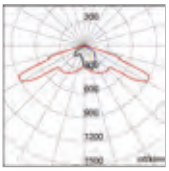
NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

For Special versions please contact our GEWISS Sales Organization

LED - ELLIPTICAL OPTIC

GW S7 251

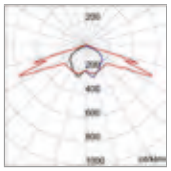
URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 251	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW S7 252	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW S7 253	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW S7 256	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
GW S7 257	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW S7 258	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
GW S7 261	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.7	1
GW S7 262	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.3	1
GW S7 263	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11	1
GW S7 266	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.7	1
GW S7 267	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.3	1
GW S7 268	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 271	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.7	1
GW S7 272	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.3	1
GW S7 273	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11	1
GW S7 276	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.7	1
GW S7 277	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.3	1
GW S7 278	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11	1
GW S7 281	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.7	1
GW S7 282	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.3	1
GW S7 283	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11	1
GW S7 286	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.7	1
GW S7 287	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.3	1
GW S7 288	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11	1

NOTES: the data refer to 550 mA.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



Elliptical optic

For Special versions please contact our GEWISS Sales Organization

FIXING ACCESSORIES

GW 87 882

POLE HEAD BRACKETS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 881	Single	400 mm	Graphite grey	2	1
GW 87 882	Double	800 mm	Graphite grey	2.5	1
GW 87 891	Single	400 mm	Aluminium	2	1
GW 87 892	Double	800 mm	Aluminium	2.5	1

GW 87 883

BRACKETS AT VARIABLE HEIGHTS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 883	Single intermediate	400 mm	Graphite grey	2.5	1
GW 87 884	Intermediate single pole with slots	400 mm	Graphite grey	2.5	1
GW 87 893	Single intermediate	400 mm	Aluminium	2.5	1
GW 87 894	Intermediate single pole with slots	400 mm	Aluminium	2.5	1

NOTE: for poles with a diameter from 60 to 75 mm.

GW 87 885

WALL-MOUNTING BRACKETS

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 885	Wall-mounting bracket	450 mm	Graphite grey	4	1
GW 87 895	Wall-mounting bracket	450 mm	Aluminium	4	1

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SYSTEMS FOR COMMERCIAL SIDE BRACKETS WITH TOP CONNECTION - LED

LED - ST1 STREET OPTIC

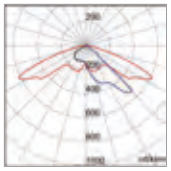
GW 87 701

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 701	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.3	1
GW 87 702	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	9.9	1
GW 87 703	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	10.6	1
GW 87 706	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.3	1
GW 87 707	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	9.9	1
GW 87 708	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	10.6	1
GW 87 711	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.3	1
GW 87 712	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	9.9	1
GW 87 713	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	10.6	1
GW 87 716	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.3	1
GW 87 717	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	9.9	1
GW 87 718	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	10.6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 721	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.3	1
GW 87 722	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	9.9	1
GW 87 723	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	10.6	1
GW 87 726	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.3	1
GW 87 727	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	9.9	1
GW 87 728	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	10.6	1
GW 87 731	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.3	1
GW 87 732	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	9.9	1
GW 87 733	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	10.6	1
GW 87 736	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.3	1
GW 87 737	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	9.9	1
GW 87 738	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	10.6	1

NOTES: the data refer to 550 mA.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



ST1 optic

For Special versions please contact our GEWISS Sales Organization

LED - CYCLE AND PEDESTRIAN OPTIC

GW S7 301

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 301	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.3	1
GW S7 302	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	9.9	1
GW S7 303	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	10.6	1
GW S7 306	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.3	1
GW S7 307	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	9.9	1
GW S7 308	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	10.6	1
GW S7 311	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	9.3	1
GW S7 312	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	9.9	1
GW S7 313	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	10.6	1
GW S7 316	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	9.3	1
GW S7 317	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	9.9	1
GW S7 318	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	10.6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 321	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	9.3	1
GW S7 322	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	9.9	1
GW S7 323	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	10.6	1
GW S7 326	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	9.3	1
GW S7 327	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	9.9	1
GW S7 328	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	10.6	1
GW S7 331	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	9.3	1
GW S7 332	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	9.9	1
GW S7 333	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	10.6	1
GW S7 336	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	9.3	1
GW S7 337	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	9.9	1
GW S7 338	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	10.6	1

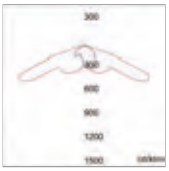
NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Cycle ped.optic

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LED - ELLIPTICAL OPTIC

GW S7 351

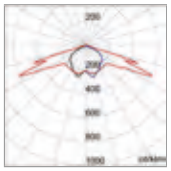
URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 351	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.3	1
GW S7 352	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	9.9	1
GW S7 353	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	10.6	1
GW S7 356	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.3	1
GW S7 357	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	9.9	1
GW S7 358	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	10.6	1
GW S7 361	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.3	1
GW S7 362	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	9.9	1
GW S7 363	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	10.6	1
GW S7 366	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.3	1
GW S7 367	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	9.9	1
GW S7 368	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	10.6	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 371	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	9.3	1
GW S7 372	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	9.9	1
GW S7 373	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	10.6	1
GW S7 376	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	9.3	1
GW S7 377	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	9.9	1
GW S7 378	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	10.6	1
GW S7 381	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	9.3	1
GW S7 382	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	9.9	1
GW S7 383	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	10.6	1
GW S7 386	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	9.3	1
GW S7 387	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	9.9	1
GW S7 388	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	10.6	1

NOTES: the data refer to 550 mA.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



Elliptical optic

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SYSTEMS FOR SUSPENSIONS - LED

LED - ST1 STREET OPTIC

GW 87 801

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 801	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	10.2	1
GW 87 802	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.8	1
GW 87 803	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11.5	1
GW 87 806	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	10.2	1
GW 87 807	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.8	1
GW 87 808	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1
GW 87 811	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	10.2	1
GW 87 812	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.8	1
GW 87 813	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11.5	1
GW 87 816	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	10.2	1
GW 87 817	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.8	1
GW 87 818	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 821	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	10.2	1
GW 87 822	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.8	1
GW 87 823	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11.5	1
GW 87 826	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	10.2	1
GW 87 827	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.8	1
GW 87 828	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1
GW 87 831	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	10.2	1
GW 87 832	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.8	1
GW 87 833	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11.5	1
GW 87 836	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	10.2	1
GW 87 837	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.8	1
GW 87 838	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11.5	1

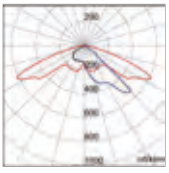
NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



ST1 optic

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LED - CYCLE AND PEDESTRIAN OPTIC

GW S7 401

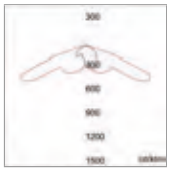
URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 401	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	10.2	1
GW S7 402	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.8	1
GW S7 403	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11.5	1
GW S7 406	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	10.2	1
GW S7 407	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.8	1
GW S7 408	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11.5	1
GW S7 411	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	10.2	1
GW S7 412	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	10.8	1
GW S7 413	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	11.5	1
GW S7 416	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	10.2	1
GW S7 417	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	10.8	1
GW S7 418	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	11.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 421	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	10.2	1
GW S7 422	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	10.8	1
GW S7 423	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	11.5	1
GW S7 426	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	10.2	1
GW S7 427	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	10.8	1
GW S7 428	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	11.5	1
GW S7 431	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	10.2	1
GW S7 432	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	10.8	1
GW S7 433	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	11.5	1
GW S7 436	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	10.2	1
GW S7 437	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	10.8	1
GW S7 438	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	11.5	1

NOTES: the data refer to 550 mA.
Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).
Due to the continuous changes with the LED technologies, the technical data can undertake variations.
The nominal flux is referred to Tj=85°C.

Photometric distributions



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LED - ELLIPTICAL OPTIC

GW S7 451

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 451	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	10.2	1
GW S7 452	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.8	1
GW S7 453	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11.5	1
GW S7 456	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	10.2	1
GW S7 457	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.8	1
GW S7 458	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1
GW S7 461	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	10.2	1
GW S7 462	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.8	1
GW S7 463	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11.5	1
GW S7 466	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	10.2	1
GW S7 467	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.8	1
GW S7 468	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 471	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	10.2	1
GW S7 472	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	10.8	1
GW S7 473	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	11.5	1
GW S7 476	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	10.2	1
GW S7 477	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	10.8	1
GW S7 478	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	11.5	1
GW S7 481	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	10.2	1
GW S7 482	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	10.8	1
GW S7 483	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	11.5	1
GW S7 486	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	10.2	1
GW S7 487	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	10.8	1
GW S7 488	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	11.5	1

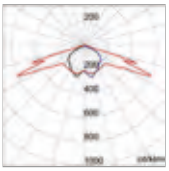
NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Elliptical optic

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SYSTEMS FOR GEWISS SIDE BRACKETS - LED

LED - ST1 STREET OPTIC

GW 87 901

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW 87 901	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW 87 902	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW 87 903	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW 87 906	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW 87 907	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW 87 908	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
GW 87 911	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	8.2	1
GW 87 912	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	8.8	1
GW 87 913	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	9.5	1
GW 87 916	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	8.2	1
GW 87 917	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	8.8	1
GW 87 918	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW 87 921	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW 87 922	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW 87 923	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW 87 926	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW 87 927	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW 87 928	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
GW 87 931	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	8.2	1
GW 87 932	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	8.8	1
GW 87 933	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	9.5	1
GW 87 936	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	8.2	1
GW 87 937	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	8.8	1
GW 87 938	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

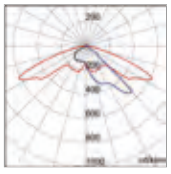
NOTES: the data refer to 550 mA.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



ST1 optic

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LED - CYCLE AND PEDESTRIAN OPTIC

GW S7 501

URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES

Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 501	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	8.2	1
GW S7 502	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	8.8	1
GW S7 503	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	9.5	1
GW S7 506	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	8.2	1
GW S7 507	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	8.8	1
GW S7 508	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	9.5	1
GW S7 511	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	8.2	1
GW S7 512	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	8.8	1
GW S7 513	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	9.5	1
GW S7 516	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	8.2	1
GW S7 517	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	8.8	1
GW S7 518	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	9.5	1
GW S7 501 B	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Midnight blue	8.2	1
GW S7 502 B	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Midnight blue	8.8	1
GW S7 503 B	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Midnight blue	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 521	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Graphite grey	8.2	1
GW S7 522	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Graphite grey	8.8	1
GW S7 523	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Graphite grey	9.5	1
GW S7 526	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Graphite grey	8.2	1
GW S7 527	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Graphite grey	8.8	1
GW S7 528	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Graphite grey	9.5	1
GW S7 531	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3240	Aluminium	8.2	1
GW S7 532	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	4740	Aluminium	8.8	1
GW S7 533	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6210	Aluminium	9.5	1
GW S7 536	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5520	Aluminium	8.2	1
GW S7 537	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8060	Aluminium	8.8	1
GW S7 538	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	10560	Aluminium	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

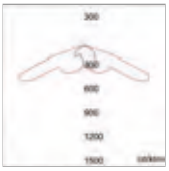
1-10 V stand alone and/or dimmerable versions: Driver adjustable at different LED current.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



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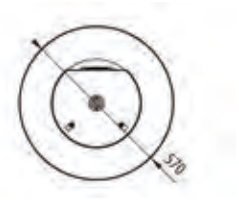
LED - ELLIPTICAL OPTIC

GW S7 551



URBAN LIGHTING DEVICES IN DIE-CAST ALUMINIUM - IP66
LED MODULES POWERED AT 550 MA WITH PMMA LENSES



Code	Number of modules	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V								
GW S7 551	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW S7 552	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW S7 553	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW S7 556	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW S7 557	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW S7 558	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
GW S7 561	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	8.2	1
GW S7 562	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	8.8	1
GW S7 563	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	9.5	1
GW S7 566	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	8.2	1
GW S7 567	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	8.8	1
GW S7 568	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	9.5	1
Voltage: 220/240 V - 50/60 Hz - Bi-power with self-learning								
GW S7 571	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Graphite grey	8.2	1
GW S7 572	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Graphite grey	8.8	1
GW S7 573	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Graphite grey	9.5	1
GW S7 576	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Graphite grey	8.2	1
GW S7 577	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Graphite grey	8.8	1
GW S7 578	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Graphite grey	9.5	1
GW S7 581	2 (2x16 LED)	3500 K (CRI 85)	54 W	3940	3460	Aluminium	8.2	1
GW S7 582	3 (3x16 LED)	3500 K (CRI 85)	81 W	5760	5050	Aluminium	8.8	1
GW S7 583	4 (4x16 LED)	3500 K (CRI 85)	105 W	7540	6610	Aluminium	9.5	1
GW S7 586	2 (2x16 LED)	4000 K (CRI 70)	54 W	7020	5890	Aluminium	8.2	1
GW S7 587	3 (3x16 LED)	4000 K (CRI 70)	81 W	10230	8590	Aluminium	8.8	1
GW S7 588	4 (4x16 LED)	4000 K (CRI 70)	105 W	13400	11240	Aluminium	9.5	1

NB: to be completed with the accessories of the "Gewiss poles and side brackets" section.

NOTES: the data refer to 550 mA.

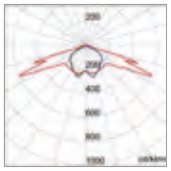
1-10 V stand alone and/or dimmerable versions: Driver adjustable at different LED current.

Full prog.driver setted in self learning Bi-power mode (50% reduction from 1 h previous to 4 h after the mid point switch on period).

Due to the continuous changes with the LED technologies, the technical data can undertake variations.

The nominal flux is referred to Tj=85°C.

Photometric distributions



Elliptical optic

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GEWISS POLES AND SIDE BRACKETS

GW 87 981

KIT FOR PASTORAL POLE

Code	Description	Colour	Weight (kg)	Pack Carton
GW 87 981	Conical pole fixing	Graphite grey	11	1
GW 87 982	Fixing on pole with slots	Graphite grey	11	1
GW 87 991	Conical pole fixing	Aluminium	11	1
GW 87 992	Fixing on pole with slots	Aluminium	11	1

GW 87 983

PASTORAL POLE KIT FOR WALL-MOUNTING

Code	Description	Colour	Weight (kg)	Pack Carton
GW 87 983	Wall fixing	Graphite grey	10	1
GW 87 993	Wall fixing	Aluminium	10	1

GW 87 984

POLE HEAD BRACKETS WITH FLAT SIDE BRACKET FOR CONICAL POLES

Code	Description	Length	Colour	Weight (kg)	Pack Carton
GW 87 984	Single	1000 mm	Graphite grey	9.5	1
GW 87 985	Double	2000 mm	Graphite grey	17.5	1
GW 87 986	Single intermediate	1000 mm	Graphite grey	9.5	1
GW 87 994	Single	1000 mm	Aluminium	9.5	1
GW 87 995	Double	2000 mm	Aluminium	17.5	1
GW 87 996	Single intermediate	1000 mm	Aluminium	9.5	1

GW 87 987

SUSPENDED POLE HEAD BRACKETS FOR CYLINDRICAL POLES

Code	Description	Colour	Weight (kg)	Pack Carton
GW 87 987	Single	Graphite grey	6.5	1
GW 87 987 B	Single	Midnight blue	6.5	1
GW 87 997	Single	Aluminium	6.5	1

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GW 87 691

CYLINDRICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 87 691	4	0.5	102	60	Graphite grey	31	1
GW 87 692	4.5	0.5	102	60	Graphite grey	35	1
GW 87 696	4	0.5	102	60	Aluminium	31	1
GW 87 697	4.5	0.5	102	60	Aluminium	35	1
GW 87 691 B	4	0.5	102	60	Midnight blue	31	1
GW 87 692 B	4.5	0.5	102	60	Midnight blue	35	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block

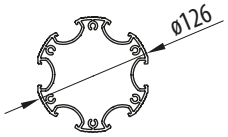
GW 87 591

CONICAL POLES PAINTED

Code	Total length (m)	Planting (m)	Base diameter (mm)	Top diameter (mm)	Colour	Weight (kg)	Pack Carton
GW 87 591	6.8	0.8	128	60	Graphite grey	48	1
GW 87 592	8.8	0.8	148	60	Graphite grey	91	1
GW 87 593	9.8	0.8	158	60	Graphite grey	107	1
GW 87 596	6.8	0.8	128	60	Aluminium	48	1
GW 87 597	8.8	0.8	148	60	Aluminium	69	1
GW 87 598	9.8	0.8	158	60	Aluminium	81	1

NOTE: painted poles in hot galvanised steel complete with a junction terminal block.

GW 86 527

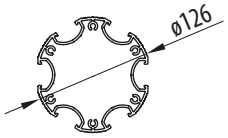


POLES WITH SLOTS FOR PLANTING

Code	Material	Length (mm)	Planting recommended	Colour	Weight (kg)	Pack Carton
GW 86 527	Extruded aluminium	3500	500 mm	Graphite grey	17.8	1
GW 86 528	Extruded aluminium	4600	600 mm	Graphite grey	23	1
GW 86 529	Extruded aluminium	5800	800 mm	Graphite grey	28.6	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.

GW 86 530



POLES WITH SLOTS FOR ASSEMBLY ON AN EXTERNAL BASE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 530	Extruded aluminium	3000	Graphite grey	15.4	1
GW 86 531	Extruded aluminium	4000	Graphite grey	20.2	1

NOTES: poles complete with pole terminal and junction terminal block. Poles suited only for private areas.

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GW 86 533

POLE SUPPORT BASE FOR EXTERNAL ASSEMBLY

Code	Material	Weight (kg)	Pack Carton
GW 86 533	Galvanised iron	7.2	1

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

GW 86 526

ATTRACTIVE POLE-COVERING BASE

Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 526	Turn aluminium	Graphite grey	1.5	1

GW 86 524

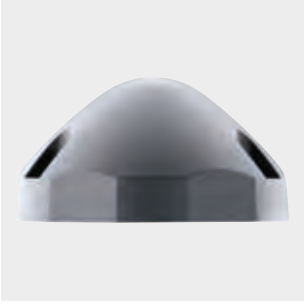
CABLES - POLE CLOSING PROFILE

Code	Material	Length (mm)	Colour	Weight (kg)	Pack Carton
GW 86 524	EPDM rubber	3000	Black	0.7	1

GW 86 523

UNIVERSAL ADAPTER

Code	Material	Weight (kg)	Pack Carton
GW 86 523	Black galvanised steel	0.1	1/4



GW 86 522

POLE TERMINAL

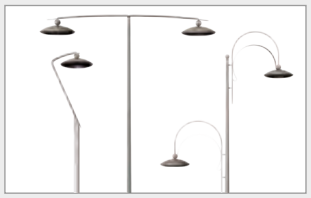
Code	Material	Colour	Weight (kg)	Pack Carton
GW 86 522	Nylon	Graphite grey	0.2	1/4

For Special versions please contact our GEWISS Sales Organization

Urban [O_3]

Commercial information ***page 44***

VERSATILE INSTALLATION



Urban [O_3] can be coordinated with different supports: single or double pole head, side bracket or suspension. Various installation heights are possible, to suit the particular application environment.

DECORATIVE DESIGN

Urban lighting reaches installation heights that are not too high, and includes devices that are especially evident in the visual field. The body design therefore becomes a part of the urban lighting.

5-YEAR WARRANTY

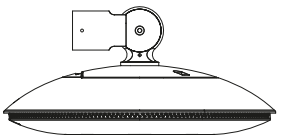
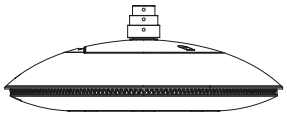
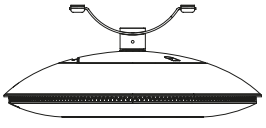
This Led Lighting Gewiss range benefit from a full five-year warranty.

Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey/Aluminium grey/Midnight blue
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Heat sink	Aluminium extrusion - range 6000
Lenses	Integrated in the shield
Shield	PMMA

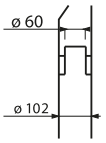
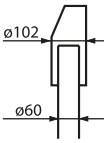
DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08 / IK06
INSULATION CLASS	II
LIFETIME	L80B10 @+25°C >100.000h L90B20 @+25°C >50.000h
MARKS	CE

Possible compositions for systems for commercial side brackets

SIDE COUPLING	 + **Commercial side brackets**	- Ø Min. 55 mm - Ø Max. 65 mm 	**Notes** Complete system for coupling on commercial poles
UPPER COUPLING	 + **Commercial side brackets**	- Ø Min. 48 mm - Ø Max. 60 mm 	**Notes** Complete system for coupling on poles with Ø 48 mm or Ø 60 mm Fixing of poles to the bush with three holes Ø 7.5 mm at 120°
SUSPENSION	 + **Metal ropes**		**Notes** Complete system for installation on metal ropes

For technical information contact the Technical Assistance Service or visit gewiss.com

Possible compositions for GEWISS side bracket systems

	Single intermediate side bracket		**Single pole-head**		**Double pole-head**	**Notes** Possibility of completing the system with Gewiss pole (Ø 60 mm)
	 + 	OR		OR		
	GW 87 901 / GW 87 968		GW 87 986 * o GW 87 996 *		GW 87 984 * o GW 87 994 *	GW 87 985 * o GW 87 995 *	
	For conical pole		**For Place pole**			**Notes** Possibility to assemble dual side bracket solutions. (GW code x 2)
	 + 	OR				
	GW 87 901 / GW 87 968		GW 87 981 * o GW 87 991*		GW 87 982 * o GW 87 992 *	
	Surface-mounting					
	 + 					
	GW 87 901 / GW 87 968		GW 87 983 * o GW 87 993*			
	Suspended pole head					**Notes**
	 + 					 
	GW 87 901 / GW 87 968		GW 87 987 * o GW 87 997*			Gewiss pole configuration / Commercial pole configuration

* The installation kit includes the fixing component and the cover.

Smart [3]

LED watertight luminaires

Smart [3] is the new range of LED watertight luminaires that completes the Smart selection. Ideal even in installation contexts of limited height (less than 4 metres), they are entirely designed, developed and produced in Italy. They are distinguished by an elegant design that highlights the particular features of the new LED technology, their extremely reduced energy consumption, their high impact resistance and their quick, easy installation.

Technical characteristics page 65

SMART [3]

TRANSPARENT DIFFUSER

GW S3 236 T

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	LED number	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S3 118 T	800 mm	36	4000 K (CRI 80)	15 W	2000	1670	1.5	1/90
GW S3 136 T	1200 mm	54	4000 K (CRI 80)	20 W	3010	2510	2	1/90
GW S3 158 T	1600 mm	72	4000 K (CRI 80)	26 W	4020	3340	2.5	1/90
GW S3 218 T	800 mm	42	4000 K (CRI 80)	26 W	4140	3450	1.5	1/90
GW S3 236 T	1200 mm	63	4000 K (CRI 80)	43 W	6200	5180	2	1/90
GW S3 258 T	1600 mm	84	4000 K (CRI 80)	53 W	8290	6900	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S3 118 TD	800 mm	36	4000 K (CRI 80)	18 W	2000	1670	1.5	1/90
GW S3 136 TD	1200 mm	54	4000 K (CRI 80)	22 W	3010	2510	2	1/90
GW S3 158 TD	1600 mm	72	4000 K (CRI 80)	27 W	4020	3340	2.5	1/90
GW S3 218 TD	800 mm	42	4000 K (CRI 80)	27 W	4140	3450	1.5	1/90
GW S3 236 TD	1200 mm	63	4000 K (CRI 80)	45 W	6200	5180	2	1/90
GW S3 258 TD	1600 mm	84	4000 K (CRI 80)	55 W	8290	6900	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

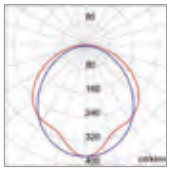
Nominal flux referred to Tj=85°C.

Suitable for indoor and outdoor uses (if protected to the direct UV rays exposition).

Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

Photometric distributions



Transp.shield

For Special versions please contact our GEWISS Sales Organization

OPAL DIFFUSER

GW S3 236 P

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	LED number	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S3 118 P	800 mm	36	4000 K (CRI 80)	15 W	2000	1540	1.5	1/90
GW S3 136 P	1200 mm	54	4000 K (CRI 80)	20 W	3010	2320	2	1/90
GW S3 158 P	1600 mm	72	4000 K (CRI 80)	26 W	4020	3090	2.5	1/90
GW S3 218 P	800 mm	42	4000 K (CRI 80)	26 W	4140	3200	1.5	1/90
GW S3 236 P	1200 mm	63	4000 K (CRI 80)	43 W	6200	4800	2	1/90
GW S3 258 P	1600 mm	84	4000 K (CRI 80)	53 W	8290	6400	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - DALI								
GW S3 118 PD	800 mm	36	4000 K (CRI 80)	18 W	2000	1540	1.5	1/90
GW S3 136 PD	1200 mm	54	4000 K (CRI 80)	22 W	3010	2320	2	1/90
GW S3 158 PD	1600 mm	72	4000 K (CRI 80)	27 W	4020	3090	2.5	1/90
GW S3 218 PD	800 mm	42	4000 K (CRI 80)	27 W	4140	3200	1.5	1/90
GW S3 236 PD	1200 mm	63	4000 K (CRI 80)	45 W	6200	4800	2	1/90
GW S3 258 PD	1600 mm	84	4000 K (CRI 80)	55 W	8290	6400	2.5	1/90

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

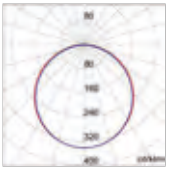
Suitable for indoor and outdoor uses (if protected to the direct UV rays exposition).

Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

maximum luminaries in line : 25 pieces.

Photometric distributions



OPAL DIFFUSER - QUICK WIRING CONNECTION

GW S3 236 PL

WIRED VERSIONS - IP66/IP69 - CLASS II

Code	Length	LED number	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Stand alone								
GW S3 136 PL	1200 mm	54	4000 K (CRI 80)	20 W	3010	2320	2	1/90
GW S3 158 PL	1600 mm	72	4000 K (CRI 80)	26 W	4020	3090	2.5	1/90
GW S3 236 PL	1200 mm	63	4000 K (CRI 80)	43 W	6200	4800	2	1/90
GW S3 258 PL	1600 mm	84	4000 K (CRI 80)	53 W	8290	6400	2.5	1/90
Voltage: 220/240 V - 50/60 Hz - DALI								

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

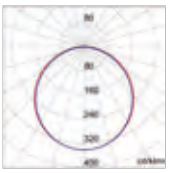
Suitable for indoor and outdoor uses (if protected to the direct UV rays exposition).

Maximum working temperature: +50°C.

ACCESSORIES SUPPLIED: Female connector (end cap only for through wiring version).

maximum luminaries in line : 25 pieces.

Photometric distributions



For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW S3 192

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Pack Carton
GW S3 191	Pair of brackets for fixing to the wall at 30° or 45°	1/10
GW S3 192	2P 10 A male connector	1/10
GW S3 193	Flexible connector for 20 mm pipe	1/10

GW S3 195

EMERGENCY KIT

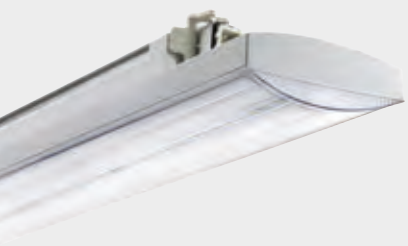
Code	Description	Autonomy	Pack Carton
GW S3 195	Emergency kit for SMART[3]	3 h	1

NOTE: Ni-Mh battery pack. 3h autonomy with 24h recharge. Emergency device suitable only for through wiring version.
ACCESSORIES SUPPLIED: IN supply cable with male and female connector; OUT cable with female connector.

For Special versions please contact our GEWISS Sales Organization

New product

Smart [3]



FIXING DISTANCE

The wide variable distances clips guarantee the return point to point traditional ceiling using the same fixing holes and without on the electrical system.

IP66/IP69

Smart [3], thanks to its IP rating IP66/IP69 results to be resistant to the penetration of high pressure jets and temperatures (e.g. high-pressure wash).

THROUGH WIRING

The through-wiring versions allow the installation in a row continues and the perfect alignment of the ceiling via special accessory provided standard with the product.

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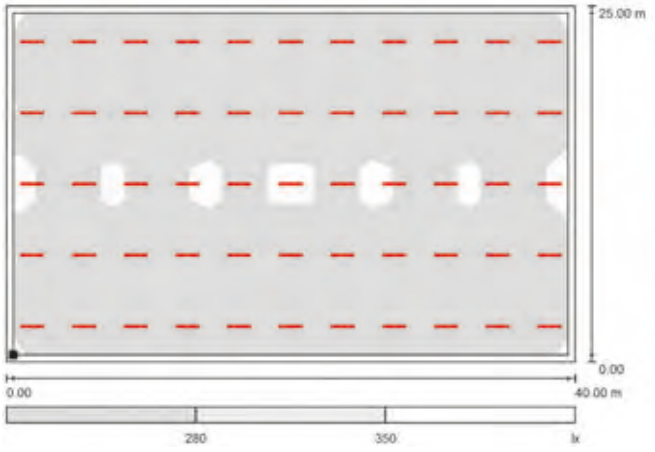
Technical characteristics

INSTALLATION	Internal / External (if protected against UV rays)
COLOUR	Grey RAL7035
MATERIALS	
Body	PC
Reflector	Sheet steel pre-painted white
Shield	PC stabilised for UV rays

DEGREE OF PROTECTION	IP66 / IP69
IMPACT RESISTANCE	IK08
INSULATION CLASS	II
LIFETIME	L80B20 @25°C =60.000h L80B50 @25°C =80.000h L70B50 @25°C =100.000h
MARKS	CE

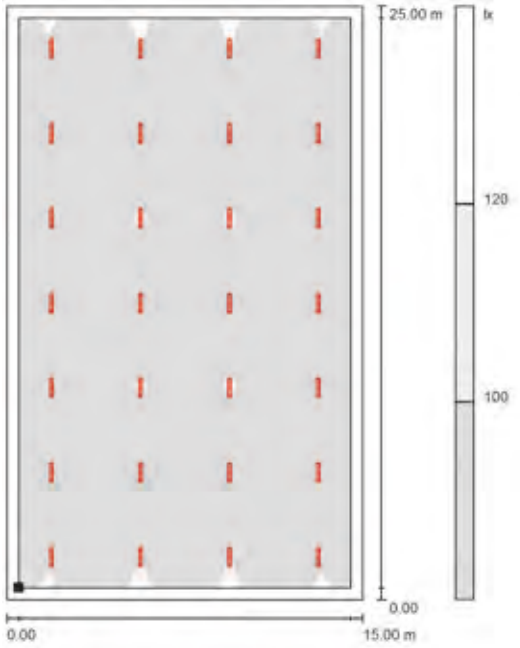
Technical solutions

Project: cement-working industry



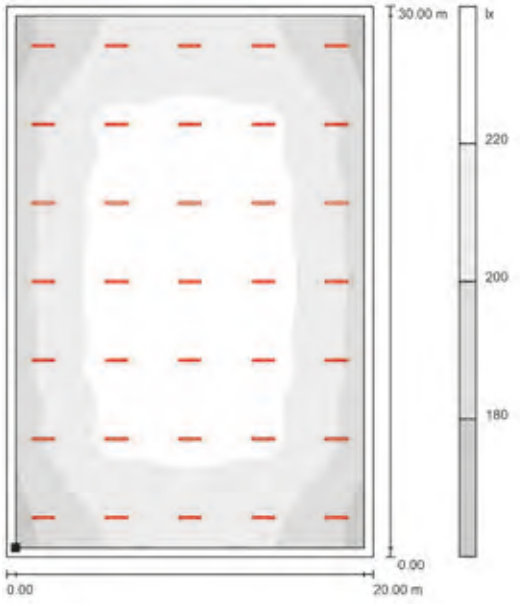
Reference standard	EN 12464-1:2011
Reference	5.8.4
Activity	Cement rough moulding
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 3m
Product Code	**SMART[3] GWS3258T**
Quantity	55
Eave on work plane (Em)	310
Uniformity (Uo)	0.7
Total power system	2.8 kW

Project: Warehouses



Reference standard	EN 12464-1:2011
Reference	5.4.1
Activity	Warehouses
Eave on work plane (Em)	100 lx
Uniformity (Uo)	0.4
Room dimension	15 x 25 x 3 m
Product Code	**SMART[3] GWS3118P**
Quantity	28
Eave on work plane (Em)	100
Uniformity (Uo)	0.6
Total power system	0.39 kW

Project: Canteen



Reference standard	EN 12464-1:2011
Reference	5.2.1
Activity	Canteen
Eave on work plane (Em)	200 lx
Uniformity (Uo)	0.4
Room dimension	20 x 30 x 4 m
Product Code	**SMART[3] GWS3236P**
Quantity	35
Eave on work plane (Em)	210
Uniformity (Uo)	0.7
Total power system	1.3 kW

For technical information contact the Technical Assistance Service or visit gewiss.com

Smart [4] 2.0 LB-HB

Industrial devices

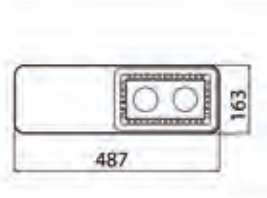
Thanks to the new latest generation LEDs, which are always combined with the most efficient optic solutions, the Smart[4] 2.0 range guarantees excellent lighting performance, greater visual comfort and excellent light quality.

Technical characteristics page 84

SMART[4] 2.0 LB - 2L - EQUIVALENT TO 1X58W FD

STANDARD VERSIONS

GW S4 004 GS



WIRED VERSIONS - IP66 - CLASS I

CONSTANT CURRENT DRIVER

5 YEARS WARRANTY

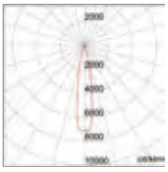
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 001 GS	Spotlight 10°	4000 K (CRI 80)	25 W	2960	2130	Grey RAL 7037	3	1
GW S4 002 GS	Restricted 30°	4000 K (CRI 80)	25 W	2960	2060	Grey RAL 7037	3	1
GW S4 003 GS	Medium 60°	4000 K (CRI 80)	25 W	2960	2730	Grey RAL 7037	3	1
GW S4 004 GS	Diffused 100°	4000 K (CRI 80)	25 W	2960	2600	Grey RAL 7037	3	1
GW S4 005 GS	Elliptical	4000 K (CRI 80)	25 W	2960	2640	Grey RAL 7037	3	1
GW S4 006 GS	Asymmetrical	4000 K (CRI 80)	25 W	2960	2540	Grey RAL 7037	3	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 001 GD	Spotlight 10°	4000 K (CRI 80)	26 W	2960	2130	Grey RAL 7037	3	1
GW S4 002 GD	Restricted 30°	4000 K (CRI 80)	26 W	2960	2060	Grey RAL 7037	3	1
GW S4 003 GD	Medium 60°	4000 K (CRI 80)	26 W	2960	2730	Grey RAL 7037	3	1
GW S4 004 GD	Diffused 100°	4000 K (CRI 80)	26 W	2960	2600	Grey RAL 7037	3	1
GW S4 005 GD	Elliptical	4000 K (CRI 80)	26 W	2960	2640	Grey RAL 7037	3	1
GW S4 006 GD	Asymmetrical	4000 K (CRI 80)	26 W	2960	2540	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.

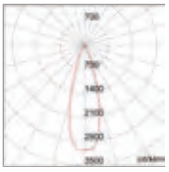
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.

Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +50°C.

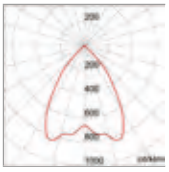
Photometric distributions



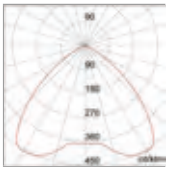
Spotlight 10°



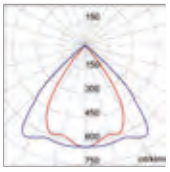
Restricted 30°



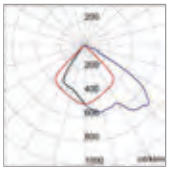
Medium 60°



Diffused 100°



Elliptical



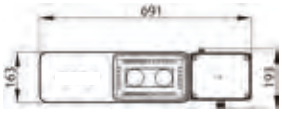
Asymmetrical

For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

EMERGENCY VERSION

GW S4 004 GE

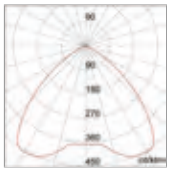


WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. [lm]	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 004 GE	Diffused 100°	28 W	2600	260	4000 K (CRI 80)	Grey RAL 7037	1	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.
Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Minimum working temperature: +5 °C.

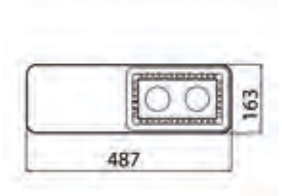
Photometric distributions



Diffused 100°

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 004 GR

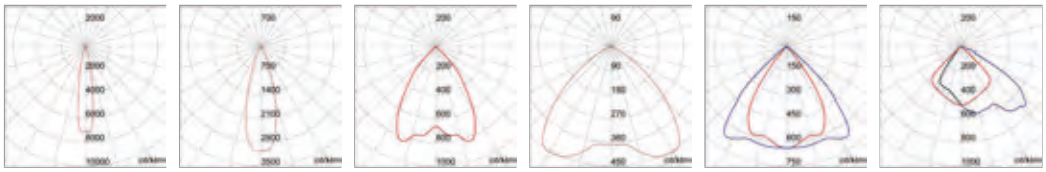


WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 001 GR	Spotlight 10°	4000 K (CRI 80)	26 W	2960	2130	Grey RAL 7037	3	1
GW S4 002 GR	Restricted 30°	4000 K (CRI 80)	26 W	2960	2060	Grey RAL 7037	3	1
GW S4 003 GR	Medium 60°	4000 K (CRI 80)	26 W	2960	2730	Grey RAL 7037	3	1
GW S4 004 GR	Diffused 100°	4000 K (CRI 80)	26 W	2960	2600	Grey RAL 7037	3	1
GW S4 005 GR	Elliptical	4000 K (CRI 80)	26 W	2960	2640	Grey RAL 7037	3	1
GW S4 006 GR	Asymmetrical	4000 K (CRI 80)	26 W	2960	2540	Grey RAL 7037	3	1

ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

Photometric distributions



Spotlight 10° | Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW L1 921

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 921	Bracket 2L	1	1

GW L1 906

SPARE PART

Code	Description	Pack Carton
GW L1 906	Transparent glass 2L	1

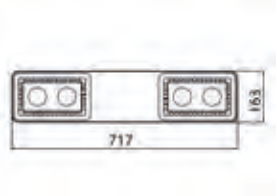
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 LB - 2+2L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS

GW S4 014 GS

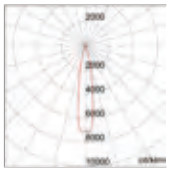


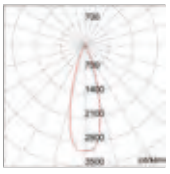
WIRED VERSIONS - IP66 - CLASS I

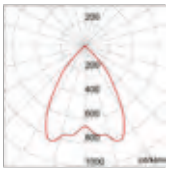
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 011 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 012 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 013 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 014 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 015 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 016 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	5.1	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 011 GD	Spotlight 10°	4000 K (CRI 80)	51 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 012 GD	Restricted 30°	4000 K (CRI 80)	51 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 013 GD	Medium 60°	4000 K (CRI 80)	51 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 014 GD	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 015 GD	Elliptical	4000 K (CRI 80)	51 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 016 GD	Asymmetrical	4000 K (CRI 80)	51 W	5910	5080	Grey RAL 7037	5.1	1

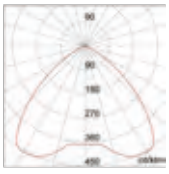
ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

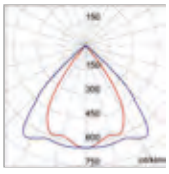
Photometric distributions

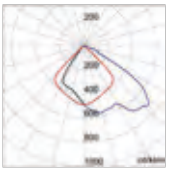

Spotlight 10°


Restricted 30°


Medium 60°

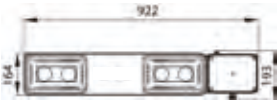

Diffused 100°


Elliptical


Asymmetrical

EMERGENCY VERSION

GW S4 014 GE

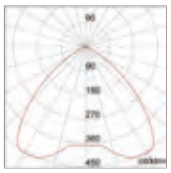


WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 014 GE	Diffused 100°	53 W	5210	520	4000 K (CRI 80)	Grey RAL 7037	5.1	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.
Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.
due to the continuous changes with the LED technologies, the technical data can undertake variations
Nominal flux referred to Tj=85°C
Minimum working temperature: +5 °C.

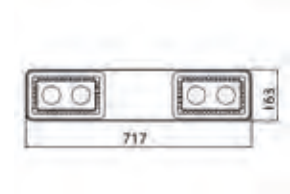
Photometric distributions


Diffused 100°

For Special versions please contact our GEWISS Sales Organization

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 014 GR

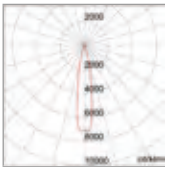


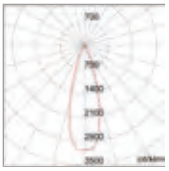
WIRED VERSIONS - IP66 - CLASS I

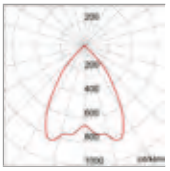
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 011 GR	Spotlight 10°	4000 K (CRI 80)	51 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 012 GR	Restricted 30°	4000 K (CRI 80)	51 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 013 GR	Medium 60°	4000 K (CRI 80)	51 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 014 GR	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 015 GR	Elliptical	4000 K (CRI 80)	51 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 016 GR	Asymmetrical	4000 K (CRI 80)	51 W	5910	5080	Grey RAL 7037	5.1	1

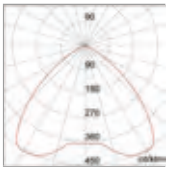
ACCESSORIES SUPPLIED: Watertight connector, two fixing points for suspension and 45° spring with safety system.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

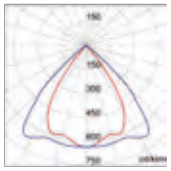
Photometric distributions

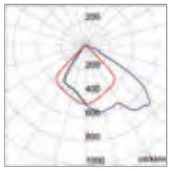

Spotlight 10°


Restricted 30°


Medium 60°


Diffused 100°


Elliptical


Asymmetrical

COMPLEMENTARY ITEMS

GW L1 922

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 922	Bracket 2+2L	1	1

GW L1 906

SPARE PART

Code	Description	Pack Carton
GW L1 906	Transparent glass 2L	1

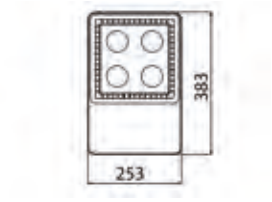
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 LB - 4L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS

GW S4 024 GS

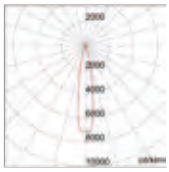


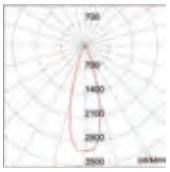
WIRED VERSION - IP66 - CLASS I

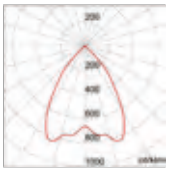
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 021 GS	Spotlight 10°	4000 K (CRI 80)	50 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 022 GS	Restricted 30°	4000 K (CRI 80)	50 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 023 GS	Medium 60°	4000 K (CRI 80)	50 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 024 GS	Diffused 100°	4000 K (CRI 80)	50 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 025 GS	Elliptical	4000 K (CRI 80)	50 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 026 GS	Asymmetrical	4000 K (CRI 80)	50 W	5910	5080	Grey RAL 7037	5.1	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 021 GD	Spotlight 10°	4000 K (CRI 80)	51 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 022 GD	Restricted 30°	4000 K (CRI 80)	51 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 023 GD	Medium 60°	4000 K (CRI 80)	51 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 024 GD	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 025 GD	Elliptical	4000 K (CRI 80)	51 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 026 GD	Asymmetrical	4000 K (CRI 80)	51 W	5910	5080	Grey RAL 7037	5.1	1

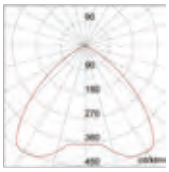
ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

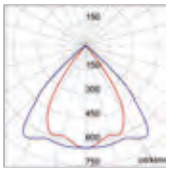
Photometric distributions

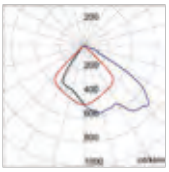

Spotlight 10°


Restricted 30°


Medium 60°

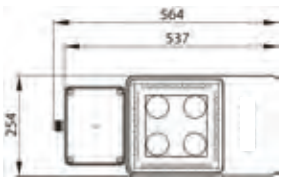

Diffused 100°


Elliptical


Asymmetrical

EMERGENCY VERSION

GW S4 024 GE

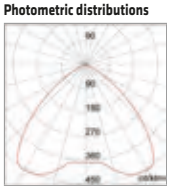


WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 024 GE	Diffused 100°	53 W	5210	520	4000 K (CRI 80)	Grey RAL 7037	5.1	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.
Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Minimum working temperature: +5 °C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

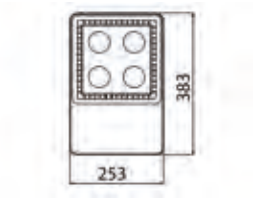
Photometric distributions


Diffused 100°

For Special versions please contact our GEWISS Sales Organization

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 024 GR



WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 021 GR	Spotlight 10°	4000 K (CRI 80)	51 W	5910	4250	Grey RAL 7037	5.1	1
GW S4 022 GR	Restricted 30°	4000 K (CRI 80)	51 W	5910	4120	Grey RAL 7037	5.1	1
GW S4 023 GR	Medium 60°	4000 K (CRI 80)	51 W	5910	5460	Grey RAL 7037	5.1	1
GW S4 024 GR	Diffused 100°	4000 K (CRI 80)	51 W	5910	5210	Grey RAL 7037	5.1	1
GW S4 025 GR	Elliptical	4000 K (CRI 80)	51 W	5910	5280	Grey RAL 7037	5.1	1
GW S4 026 GR	Asymmetrical	4000 K (CRI 80)	51 W	5910	5080	Grey RAL 7037	5.1	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.

NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.

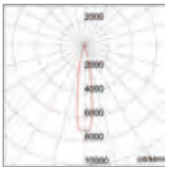
due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

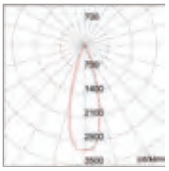
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +35°C.

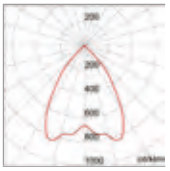
Photometric distributions



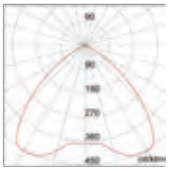
Spotlight 10°



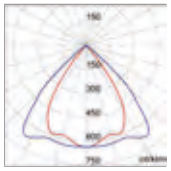
Restricted 30°



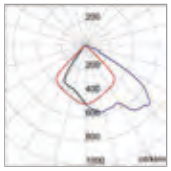
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 923	Bracket 4L / 5L	1	1
GW L1 926	Fixing plate to pipe 4L-5L	1	1
GW L1 929	SMART[4] 4L-5L metal cover	1	1

NOTE: GWL1926 fixing plates on pipe with diameter 40/60 mm.

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

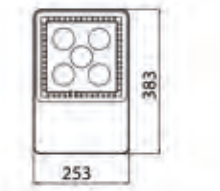
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 LB - 5L - EQUIVALENT TO 2X58W FD

STANDARD VERSIONS

GW S4 034 GS

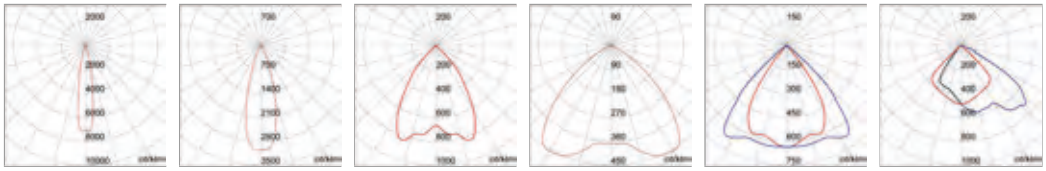


WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 031 GS	Spotlight 10°	4000 K (CRI 80)	60 W	7120	5320	Grey RAL 7037	4.9	1
GW S4 032 GS	Restricted 30°	4000 K (CRI 80)	60 W	7120	5150	Grey RAL 7037	4.9	1
GW S4 033 GS	Medium 60°	4000 K (CRI 80)	60 W	7120	6820	Grey RAL 7037	4.9	1
GW S4 034 GS	Diffused 100°	4000 K (CRI 80)	60 W	7120	6510	Grey RAL 7037	4.9	1
GW S4 035 GS	Elliptical	4000 K (CRI 80)	60 W	7120	6600	Grey RAL 7037	4.9	1
GW S4 036 GS	Asymmetrical	4000 K (CRI 80)	60 W	7120	6350	Grey RAL 7037	4.9	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 031 GD	Spotlight 10°	4000 K (CRI 80)	61 W	7120	5320	Grey RAL 7037	4.9	1
GW S4 032 GD	Restricted 30°	4000 K (CRI 80)	61 W	7120	5150	Grey RAL 7037	4.9	1
GW S4 033 GD	Medium 60°	4000 K (CRI 80)	61 W	7120	6820	Grey RAL 7037	4.9	1
GW S4 034 GD	Diffused 100°	4000 K (CRI 80)	61 W	7120	6510	Grey RAL 7037	4.9	1
GW S4 035 GD	Elliptical	4000 K (CRI 80)	61 W	7120	6600	Grey RAL 7037	4.9	1
GW S4 036 GD	Asymmetrical	4000 K (CRI 80)	61 W	7120	6350	Grey RAL 7037	4.9	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

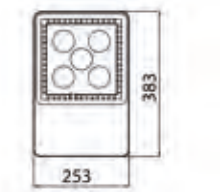
Photometric distributions



Spotlight 10° | Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 034 GR

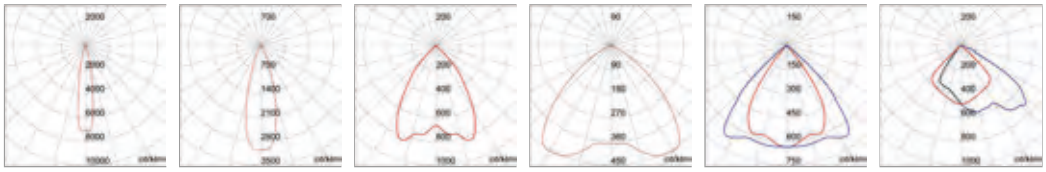


WIRED VERSION - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 031 GR	Spotlight 10°	4000 K (CRI 80)	61 W	7120	5320	Grey RAL 7037	4.9	1
GW S4 032 GR	Restricted 30°	4000 K (CRI 80)	61 W	7120	5150	Grey RAL 7037	4.9	1
GW S4 033 GR	Medium 60°	4000 K (CRI 80)	61 W	7120	6820	Grey RAL 7037	4.9	1
GW S4 034 GR	Diffused 100°	4000 K (CRI 80)	61 W	7120	6510	Grey RAL 7037	4.9	1
GW S4 035 GR	Elliptical	4000 K (CRI 80)	61 W	7120	6600	Grey RAL 7037	4.9	1
GW S4 036 GR	Asymmetrical	4000 K (CRI 80)	61 W	7120	6350	Grey RAL 7037	4.9	1

ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

Photometric distributions



Spotlight 10° | Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 923	Bracket 4L / 5L	1	1
GW L1 926	Fixing plate to pipe 4L-5L	1	1
GW L1 929	SMART[4] 4L-5L metal cover	1	1

NOTE: GWL1926 fixing plates on pipe with diameter 40/60 mm.

GW L1 907

SPARE PART

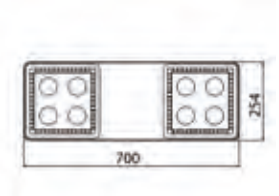
Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.0 HB - 4+4L - EQUIVALENT TO 250 W ME

STANDARD VERSIONS

GW S4 044 GS

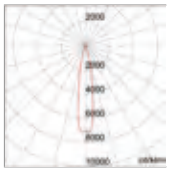


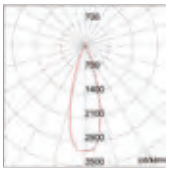
WIRED VERSION - IP66 - CLASS I

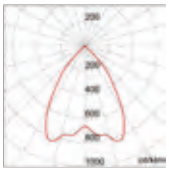
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 041 GS	Spotlight 10°	4000 K (CRI 80)	97 W	11810	8510	Grey RAL 7037	7.4	1
GW S4 042 GS	Restricted 30°	4000 K (CRI 80)	97 W	11810	8240	Grey RAL 7037	7.4	1
GW S4 043 GS	Medium 60°	4000 K (CRI 80)	97 W	11810	10920	Grey RAL 7037	7.4	1
GW S4 044 GS	Diffused 100°	4000 K (CRI 80)	97 W	11810	10420	Grey RAL 7037	7.4	1
GW S4 045 GS	Elliptical	4000 K (CRI 80)	97 W	11810	10560	Grey RAL 7037	7.4	1
GW S4 046 GS	Asymmetrical	4000 K (CRI 80)	97 W	11810	10150	Grey RAL 7037	7.4	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 041 GD	Spotlight 10°	4000 K (CRI 80)	100 W	11810	8510	Grey RAL 7037	7.4	1
GW S4 042 GD	Restricted 30°	4000 K (CRI 80)	100 W	11810	8240	Grey RAL 7037	7.4	1
GW S4 043 GD	Medium 60°	4000 K (CRI 80)	100 W	11810	10920	Grey RAL 7037	7.4	1
GW S4 044 GD	Diffused 100°	4000 K (CRI 80)	100 W	11810	10420	Grey RAL 7037	7.4	1
GW S4 045 GD	Elliptical	4000 K (CRI 80)	100 W	11810	10560	Grey RAL 7037	7.4	1
GW S4 046 GD	Asymmetrical	4000 K (CRI 80)	100 W	11810	10150	Grey RAL 7037	7.4	1

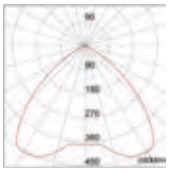
ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

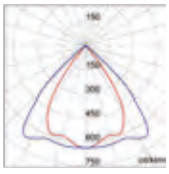
Photometric distributions

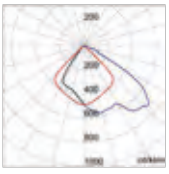

Spotlight 10°


Restricted 30°


Medium 60°

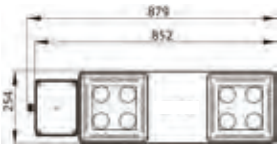

Diffused 100°


Elliptical


Asymmetrical

EMERGENCY VERSION

GW S4 044 GE

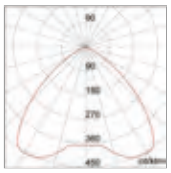


WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 044 GE	Diffused 100°	100 W	10420	520	4000 K (CRI 80)	Grey RAL 7037	7.4	1

NOTE: Ni-Cd battery. 3h autonomy with 24h recharge time.
In emergency mode, only one LED unit works.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Version not tested in accordance with DIN 18032-3 for installation in indoor sports facilities.
Minimum working temperature: +5°C:
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

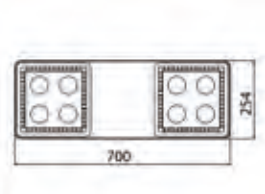
Photometric distributions


Diffused 100°

For Special versions please contact our GEWISS Sales Organization

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 044 GR

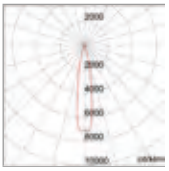


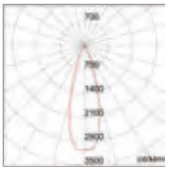
WIRED VERSION - IP66 - CLASS I

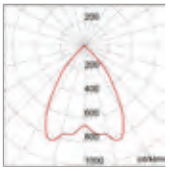
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 041 GR	Spotlight 10°	4000 K (CRI 80)	100 W	11810	8510	Grey RAL 7037	7.4	1
GW S4 042 GR	Restricted 30°	4000 K (CRI 80)	100 W	11810	8240	Grey RAL 7037	7.4	1
GW S4 043 GR	Medium 60°	4000 K (CRI 80)	100 W	11810	10920	Grey RAL 7037	7.4	1
GW S4 044 GR	Diffused 100°	4000 K (CRI 80)	100 W	11810	10420	Grey RAL 7037	7.4	1
GW S4 045 GR	Elliptical	4000 K (CRI 80)	100 W	11810	10560	Grey RAL 7037	7.4	1
GW S4 046 GR	Asymmetrical	4000 K (CRI 80)	100 W	11810	10150	Grey RAL 7037	7.4	1

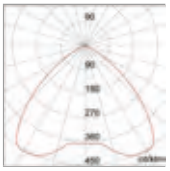
ACCESSORIES SUPPLIED: Watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

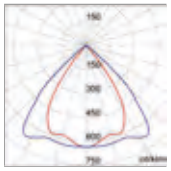
Photometric distributions

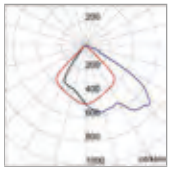

Spotlight 10°


Restricted 30°


Medium 60°


Diffused 100°


Elliptical


Asymmetrical

COMPLEMENTARY ITEMS

GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 924	Bracket 4+4L / 5+5L	1	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1	1

NOTE: GWL1930 fixing plates on pipe with diameter 40/60 mm.

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

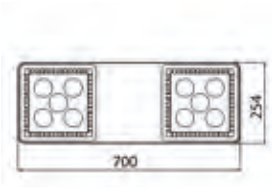
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 HB - 5+5L - EQUIVALENT TO 250W ME

STANDARD VERSIONS

GW S4 054 GS

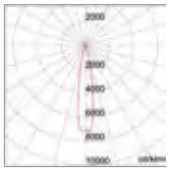


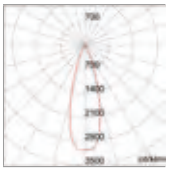
WIRED VERSIONS - IP66 - CLASS I

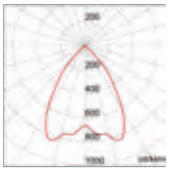
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 051 GS	Spotlight 10°	4000 K (CRI 80)	118 W	14280	10630	Grey RAL 7037	8.5	1
GW S4 052 GS	Restricted 30°	4000 K (CRI 80)	118 W	14280	10300	Grey RAL 7037	8.5	1
GW S4 053 GS	Medium 60°	4000 K (CRI 80)	118 W	14280	13650	Grey RAL 7037	8.5	1
GW S4 054 GS	Diffused 100°	4000 K (CRI 80)	118 W	14280	13020	Grey RAL 7037	8.5	1
GW S4 055 GS	Elliptical	4000 K (CRI 80)	118 W	14280	13200	Grey RAL 7037	8.5	1
GW S4 056 GS	Asymmetrical	4000 K (CRI 80)	118 W	14280	12690	Grey RAL 7037	8.5	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 051 GD	Spotlight 10°	4000 K (CRI 80)	121 W	14280	10630	Grey RAL 7037	8.5	1
GW S4 052 GD	Restricted 30°	4000 K (CRI 80)	121 W	14280	10300	Grey RAL 7037	8.5	1
GW S4 053 GD	Medium 60°	4000 K (CRI 80)	121 W	14280	13650	Grey RAL 7037	8.5	1
GW S4 054 GD	Diffused 100°	4000 K (CRI 80)	121 W	14280	13020	Grey RAL 7037	8.5	1
GW S4 055 GD	Elliptical	4000 K (CRI 80)	121 W	14280	13200	Grey RAL 7037	8.5	1
GW S4 056 GD	Asymmetrical	4000 K (CRI 80)	121 W	14280	12690	Grey RAL 7037	8.5	1

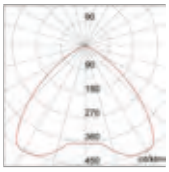
ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

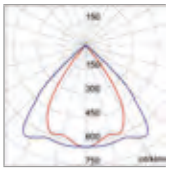
Photometric distributions

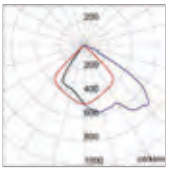

Spotlight 10°


Restricted 30°


Medium 60°

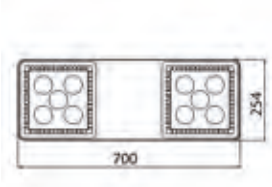

Diffused 100°


Elliptical


Asymmetrical

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 054 GR

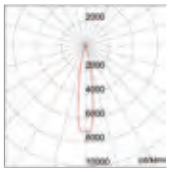


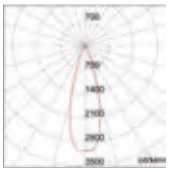
WIRED VERSIONS - IP66 - CLASS I

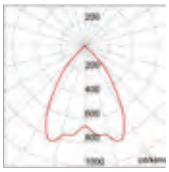
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 051 GR	Spotlight 10°	4000 K (CRI 80)	121 W	14280	10630	Grey RAL 7037	8.5	1
GW S4 052 GR	Restricted 30°	4000 K (CRI 80)	121 W	14280	10300	Grey RAL 7037	8.5	1
GW S4 053 GR	Medium 60°	4000 K (CRI 80)	121 W	14280	13650	Grey RAL 7037	8.5	1
GW S4 054 GR	Diffused 100°	4000 K (CRI 80)	121 W	14280	13020	Grey RAL 7037	8.5	1
GW S4 055 GR	Elliptical	4000 K (CRI 80)	121 W	14280	13200	Grey RAL 7037	8.5	1
GW S4 056 GR	Asymmetrical	4000 K (CRI 80)	121 W	14280	12690	Grey RAL 7037	8.5	1

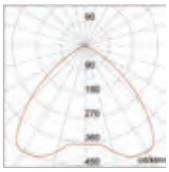
ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

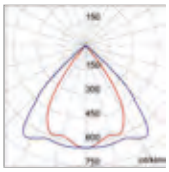
Photometric distributions

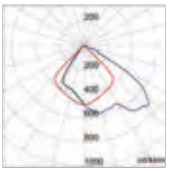

Spotlight 10°


Restricted 30°


Medium 60°


Diffused 100°


Elliptical


Asymmetrical

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 924	Bracket 4+4L / 5+5L	1	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1	1

NOTE: GWL1930 fixing plates on pipe with diameter 40/60 mm.

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

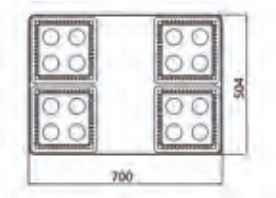
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 HB - 4X4L - EQUIVALENT TO 400W ME

STANDARD VERSIONS

GW S4 064 GS

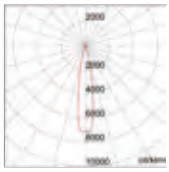


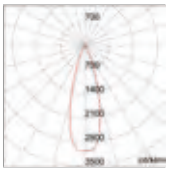
WIRED VERSIONS - IP66 - CLASS I

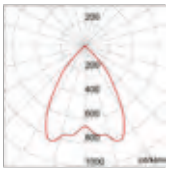
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 061 GS	Spotlight 10°	4000 K (CRI 80)	194 W	23630	17010	Grey RAL 7037	13.4	1
GW S4 062 GS	Restricted 30°	4000 K (CRI 80)	194 W	23630	16480	Grey RAL 7037	13.4	1
GW S4 063 GS	Medium 60°	4000 K (CRI 80)	194 W	23630	21830	Grey RAL 7037	13.4	1
GW S4 064 GS	Diffused 100°	4000 K (CRI 80)	194 W	23630	20830	Grey RAL 7037	13.4	1
GW S4 065 GS	Elliptical	4000 K (CRI 80)	194 W	23630	21120	Grey RAL 7037	13.4	1
GW S4 066 GS	Asymmetrical	4000 K (CRI 80)	194 W	23630	20300	Grey RAL 7037	13.4	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 061 GD	Spotlight 10°	4000 K (CRI 80)	203 W	23630	17010	Grey RAL 7037	13.4	1
GW S4 062 GD	Restricted 30°	4000 K (CRI 80)	203 W	23630	16480	Grey RAL 7037	13.4	1
GW S4 063 GD	Medium 60°	4000 K (CRI 80)	203 W	23630	21830	Grey RAL 7037	13.4	1
GW S4 064 GD	Diffused 100°	4000 K (CRI 80)	203 W	23630	20830	Grey RAL 7037	13.4	1
GW S4 065 GD	Elliptical	4000 K (CRI 80)	203 W	23630	21120	Grey RAL 7037	13.4	1
GW S4 066 GD	Asymmetrical	4000 K (CRI 80)	203 W	23630	20300	Grey RAL 7037	13.4	1

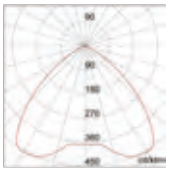
ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

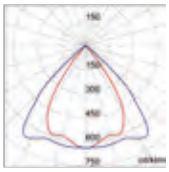
Photometric distributions

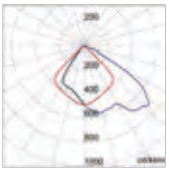

Spotlight 10°


Restricted 30°


Medium 60°

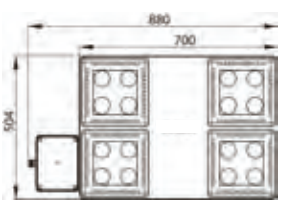

Diffused 100°


Elliptical


Asymmetrical

EMERGENCY VERSION

GW S4 064 GE

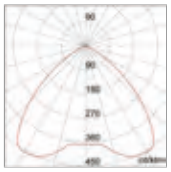


WIRED VERSION - IP56 - CLASS I

Code	Optic	System power	Lumen output (lm)	Luminous flux in emerg. (lm)	Colour temperature	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 064 GE	Diffused 100°	197 W	20830	520	4000 K (CRI 80)	Grey RAL 7037	13.4	1

NOTE: Ni-Cd accumulators. 3h autonomy with 24h recharge time.
In emergency mode, only one LED unit works.
Version not tested in accordance with DIN 18032-3 for installation in covered sports facilities.
Minimum operating temperaturte +5°C.
Versions with 3000 K (-30K) or 5700 K (-57K) LED available upon request

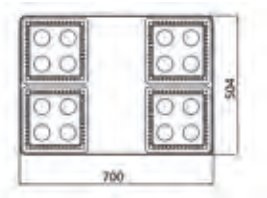
Photometric distributions


Diffused 100°

For Special versions please contact our GEWISS Sales Organization

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 064 GR



WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 061 GR	Spotlight 10°	4000 K (CRI 80)	203 W	23630	17010	Grey RAL 7037	13.4	1
GW S4 062 GR	Restricted 30°	4000 K (CRI 80)	203 W	23630	16480	Grey RAL 7037	13.4	1
GW S4 063 GR	Medium 60°	4000 K (CRI 80)	203 W	23630	21830	Grey RAL 7037	13.4	1
GW S4 064 GR	Diffused 100°	4000 K (CRI 80)	203 W	23630	20830	Grey RAL 7037	13.4	1
GW S4 065 GR	Elliptical	4000 K (CRI 80)	203 W	23630	21120	Grey RAL 7037	13.4	1
GW S4 066 GR	Asymmetrical	4000 K (CRI 80)	203 W	23630	20300	Grey RAL 7037	13.4	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.

NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.

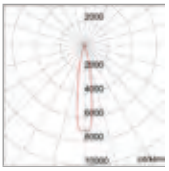
due to the continuous changes with the LED technologies, the technical data can undertake variations.

Nominal flux referred to Tj=85°C.

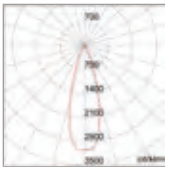
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.

Maximum working temperature: +35°C.

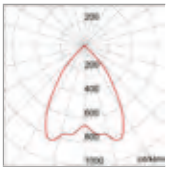
Photometric distributions



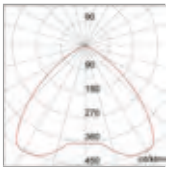
Spotlight 10°



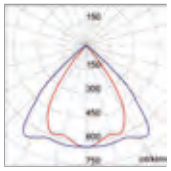
Restricted 30°



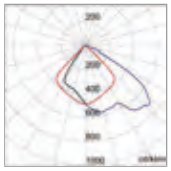
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 925

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 925	Bracket 4X4L / 4X5L	1	1
GW L1 928	Kit for ceiling mounting fixing with spring 4x4L / 4x5L	1	1

GW L1 907

SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

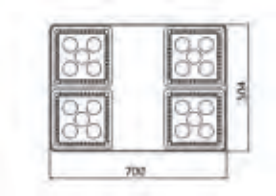
For Special versions please contact our GEWISS Sales Organization

Smart [4] 2.0 LB - HB

SMART[4] 2.0 HB - 4X5L - EQUIVALENT TO 400W ME

STANDARD VERSIONS

GW S4 074 GS

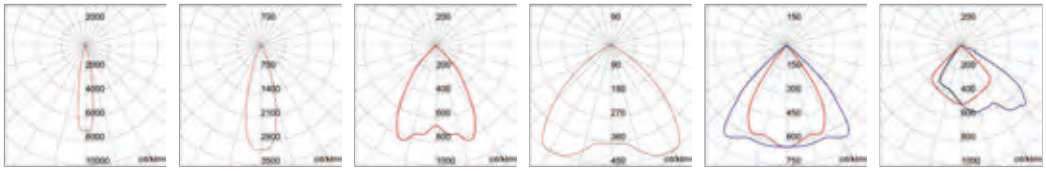


WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - Stand alone								
GW S4 071 GS	Spotlight 10°	4000 K (CRI 80)	236 W	28480	21270	Grey RAL 7037	15.9	1
GW S4 072 GS	Restricted 30°	4000 K (CRI 80)	236 W	28480	20600	Grey RAL 7037	15.9	1
GW S4 073 GS	Medium 60°	4000 K (CRI 80)	236 W	28480	27290	Grey RAL 7037	15.9	1
GW S4 074 GS	Diffused 100°	4000 K (CRI 80)	236 W	28480	26040	Grey RAL 7037	15.9	1
GW S4 075 GS	Elliptical	4000 K (CRI 80)	236 W	28480	26400	Grey RAL 7037	15.9	1
GW S4 076 GS	Asymmetrical	4000 K (CRI 80)	236 W	28480	25380	Grey RAL 7037	15.9	1
Voltage: 220/240 V - 50/60 Hz - Powered at 1 A - DALI								
GW S4 071 GD	Spotlight 10°	4000 K (CRI 80)	245 W	28480	21270	Grey RAL 7037	15.9	1
GW S4 072 GD	Restricted 30°	4000 K (CRI 80)	245 W	28480	20600	Grey RAL 7037	15.9	1
GW S4 073 GD	Medium 60°	4000 K (CRI 80)	245 W	28480	27290	Grey RAL 7037	15.9	1
GW S4 074 GD	Diffused 100°	4000 K (CRI 80)	245 W	28480	26040	Grey RAL 7037	15.9	1
GW S4 075 GD	Elliptical	4000 K (CRI 80)	245 W	28480	26400	Grey RAL 7037	15.9	1
GW S4 076 GD	Asymmetrical	4000 K (CRI 80)	245 W	28480	25380	Grey RAL 7037	15.9	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +50°C.

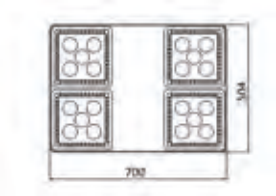
Photometric distributions



Spotlight 10° | Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

VERSIONS WITH RADIO FREQUENCY MANAGEMENT

GW S4 074 GR

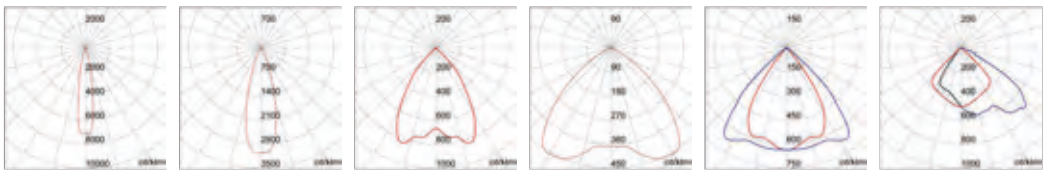


WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240V - 50/60 Hz - powered at 1 A - Bluetooth								
GW S4 071 GR	Spotlight 10°	4000 K (CRI 80)	245 W	28480	21270	Grey RAL 7037	15.9	1
GW S4 072 GR	Restricted 30°	4000 K (CRI 80)	245 W	28480	20600	Grey RAL 7037	15.9	1
GW S4 073 GR	Medium 60°	4000 K (CRI 80)	245 W	28480	27290	Grey RAL 7037	15.9	1
GW S4 074 GR	Diffused 100°	4000 K (CRI 80)	245 W	28480	26040	Grey RAL 7037	15.9	1
GW S4 075 GR	Elliptical	4000 K (CRI 80)	245 W	28480	26400	Grey RAL 7037	15.9	1
GW S4 076 GR	Asymmetrical	4000 K (CRI 80)	245 W	28480	25380	Grey RAL 7037	15.9	1

ACCESSORIES SUPPLIED: Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: Versions managed via application for Android or IOS systems, with Bluetooth version 4.0 or later connectivity.
due to the continuous changes with the LED technologies, the technical data can undertake variations.
Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand.
Maximum working temperature: +35°C.

Photometric distributions



Spotlight 10° | Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

For Special versions please contact our GEWISS Sales Organization

COMPLEMENTARY ITEMS

GW L1 925

COMPLEMENTS FOR INSTALLATION

Code	Description	Pieces needed to complete the article	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1	1
GW L1 925	Bracket 4X4L / 4X5L	1	1
GW L1 928	Kit for ceiling mounting fixing with spring 4x4L / 4x5L	1	1

GW L1 907

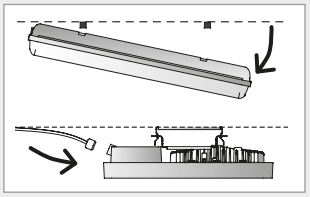
SPARE PART

Code	Description	Dimensions (mm)	Pack Carton
GW L1 907	Transparent glass 4L-5L	176 x 176	1

For Special versions please contact our GEWISS Sales Organization

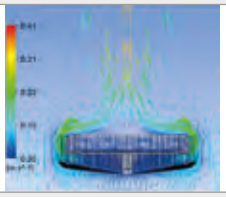
Smart [4] 2.0 LB

EASY TO INSTALL



The entire range of Smart [4] 2.0 products was designed and developed to make it very easy to install and retrofit on existing devices in obsolete systems.

THERMAL SIZING



Detailed preliminary studies, carried out with special software, and proven application experience, guarantee optimum operating conditions for which, thanks to the issuing of ENEC certification, the device has a maximum operating temperature of +50°C.

RESPECT FOR THE ENVIRONMENT

IMQ eco
Certificazione delle Asserzioni Ambientali di Prodotto

National certification of a voluntary nature, issued by a third party (IMQ), affirming the truth and impartiality of the declarations regarding environmental, ecological or energy characteristics obtained thanks to the high percentage of recyclability of Smart [4] 2.0 (90.1%).

Commercial information ***page 67***

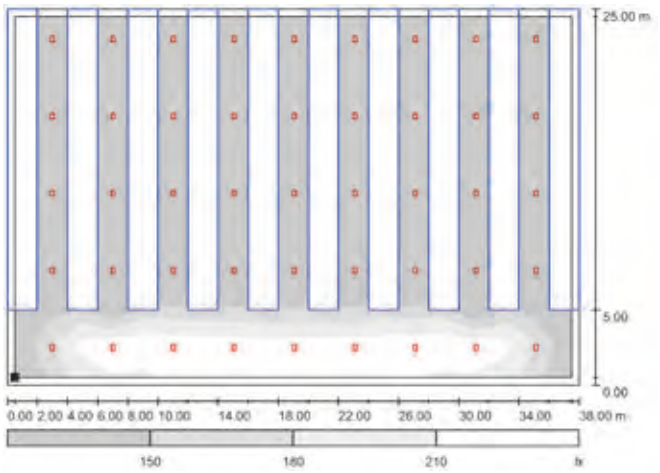
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + GF
Heat sink	Die-cast aluminium EN AB 44300 - copper free
Collimator	PC
Secondary lens	PMMA (if envisaged)
Shield	Extra-clear flat glass 4 mm

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I
LIFETIME	L80B05 @+25°C = 120.000h
MARKS	CE

Technical solutions

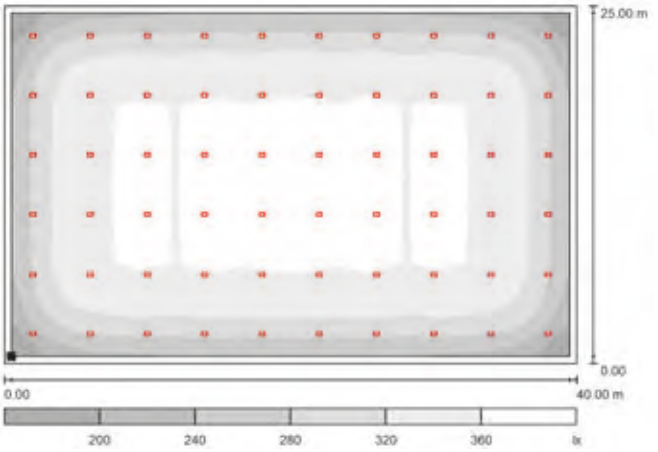
Project: warehouse with shelving



Reference standard	EN 12464-1:2011
Reference	5.5.2
Activity	warehouse with shelving
Eave on work plane (Em)	150 lx
Uniformity (Uo)	0.4
Room dimension	38 x 25 x 13 m
Product Code	**SMART[4] LB 2.0 5L GWS4033GS**
Quantity	45
Eave on work plane (Em)	180 lx
Uniformity (Uo)	0.7
Total power system	2.6 kW

For technical information contact the Technical Assistance Service or visit gewiss.com

Project: paper making and transformation



Reference standard	EN 12464-1:2011
Reference	5.19.2
Activity	Paper making and transformation
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 8 m
Product Code	**SMART[4] LB 2.0 5L GWS4033GS**
Quantity	60
Eave on work plane (Em)	330 lx
Uniformity (Uo)	0.6
Total power system	3.4 kW

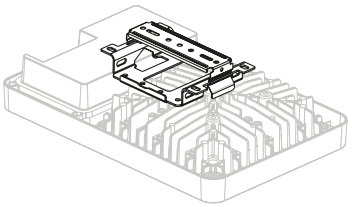
Installation

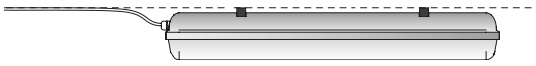
Easy installation/replacement

The point-point replacement is the easiest, most economic and reliable solution, minimising the cost of the first installation and making it comparable with a simple relamping

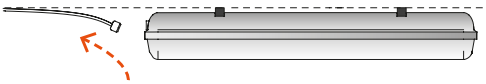
CEILING mounting

Standard kit for Smart[4] LB 2.0 for ceiling mounting

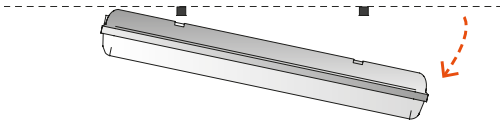




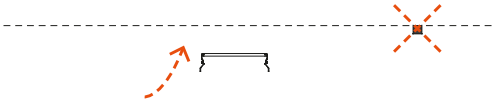
1. Device to be replaced



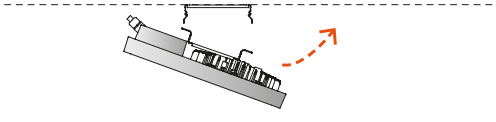
2. Electrical disconnection of device to be replaced



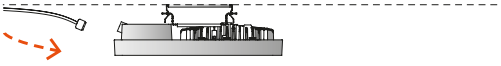
3. Mechanical disassembly of the device to be replaced



4. Installation of the new Gewiss spring



5. Mechanical connection of Smart [4] LB 2.0



6. Electrical connection of Smart [4] LB 2.0

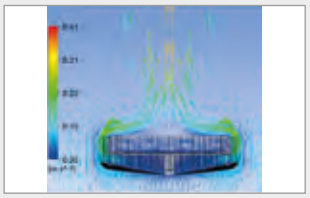
N.B. only one of the existing coupling points will be used

Smart [4] 2.0 HB

INNOVATIVE ANTI-CONDENSATION DEVICE

Smart [4] 2.0 is supplied with a specific device with a Gore-Tex® membrane, designed to prevent condensation and keep the electronic components inside in good condition.

THERMAL SIZING



Detailed preliminary studies, carried out with special software, and proven application experience, guarantee optimum operating conditions for which, thanks to the issuing of ENEC certification, the device has a maximum operating temperature of +50°C.

OPTIMUM COLOUR PERFORMANCE

Smart[4] 2.0 is equipped with high quality LED Power which offers a better consistency of the light in time.

Commercial information page 67

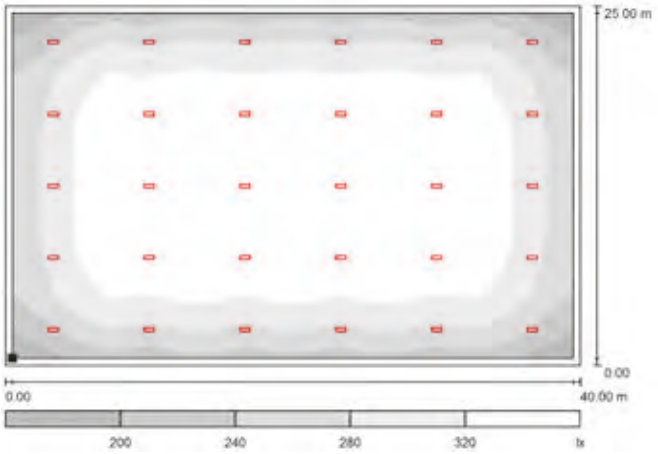
Technical characteristics

INSTALLATION	Internal / External
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + GF
Heat sink	Die-cast aluminium EN AB 44300 - copper free
Collimator	PC
Secondary lens	PMMA (if envisaged)
Shield	Extra-clear flat glass 4 mm

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I
LIFETIME	L80B05 @+25°C = 120.000h
MARKS	CE

Technical solutions

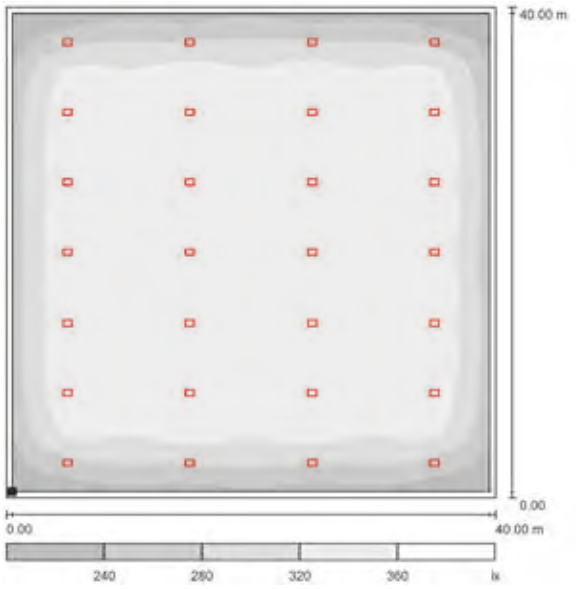
Project: Foundry



Reference standard	EN 12464-1:2011
Reference	5.13.10
Activity	Foundry - Die-casting
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Room dimension	40 x 25 x 7 m
Product Code	**SMART[4] HB 2.0 5+5L GWS4054GS**
Quantity	30
Eave on work plane (Em)	307 lx
Uniformity (Uo)	0.63
Total power system	3.4 kW

For technical information contact the Technical Assistance Service or visit gewiss.com

Project: Electrical industry



Reference standard	EN 12464-1:2011
Reference	5.13.10
Activity	Electricity industry Coil saturation
Eave on work plane (Em)	300 lx
Uniformity (Uo)	0.6
Glare ratio UGR	25
Room dimension	40 x 40 x 10 m
Product Code	**SMART[4] HB 2.0 4X4L GWS4063GS**
Quantity	30
Eave on work plane (Em)	320 lx
Uniformity (Uo)	0.66
Total power system	5.7 kW

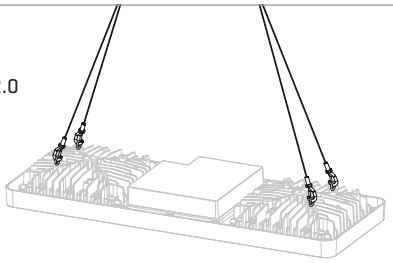
Installation

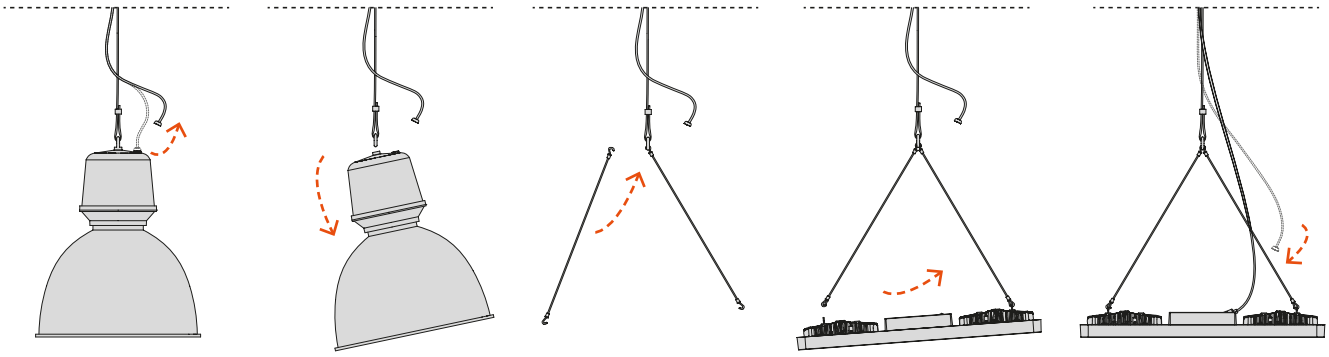
Easy installation/replacement

The point-point replacement is the easiest, most economic and reliable solution, minimising the cost of the first installation and making it comparable with a simple relamping

SUSPENSION fixing

Standard kit for Smart[4] HB 2.0 for suspension fixing





1. Electrical disconnection of device to be replaced

2. Mechanical disconnection of device to be replaced

3. Installation of Gewiss suspension cables

4. Mechanical connection of Smart [4] 2.0 HB

5. Electrical connection of Smart [4] 2.0 HB

N.B. the accessory is used to position the focuses exactly at the same height as those of the replaced product.

Smart[4] 2.1 HLO

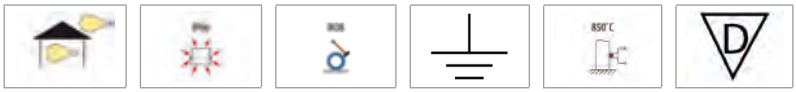
NEW PRODUCT

Industrial devices

The Smart[4] range has been expanded with the new Smart[4] 2.1 HLO (High Lumen Output) versions, which are suitable for applications that require high lighting performance.
New solutions with maximum light emission, maintaining the same design.

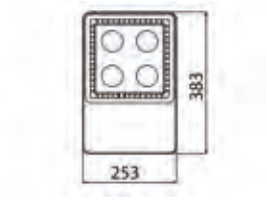
Technical characteristics page 95

SMART[4] 2.1 HLO - 4L



STANDARD VERSIONS

GW S4 222 GS

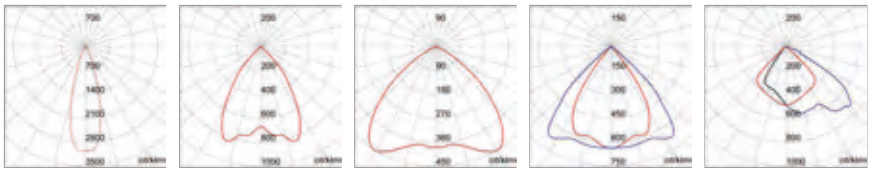


WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 222 GS	Restricted 30°	4000 K (CRI 80)	58 W	6720	4750	Grey RAL 7037	5.1	1
GW S4 223 GS	Medium 60°	4000 K (CRI 80)	58 W	6720	6290	Grey RAL 7037	5.1	1
GW S4 224 GS	Diffused 100°	4000 K (CRI 80)	58 W	6720	6000	Grey RAL 7037	5.1	1
GW S4 225 GS	Elliptical	4000 K (CRI 80)	58 W	6720	6080	Grey RAL 7037	5.1	1
GW S4 226 GS	Asymmetrical	4000 K (CRI 80)	58 W	6720	6160	Grey RAL 7037	5.1	1

ACCESSORIES SUPPLIED: watertight connector, steel plate with two fixing points for suspension and spring with safety system.
NOTE. due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C.
Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.

Photometric distributions



Restricted 30° | Medium 60° | Diffused 100° | Elliptical | Asymmetrical

For Special versions please contact our GEWISS Sales Organization

New product

COMPLEMENTARY ITEMS

GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 923	Bracket 4L / 5L	1
GW L1 926	Fixing plate to pipe 4L-5L	1

NOTE: GWL1926 fixing plate for 40\60 mm diameter pipes.

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

For Special versions please contact our GEWISS Sales Organization

SMART[4] 2.1 HLO - 5L

STANDARD VERSIONS

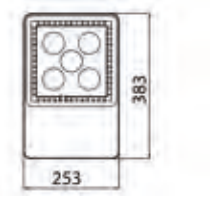
GW S4 232 GS

WIRED VERSIONS - IP66 - CLASS I

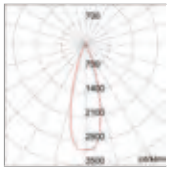
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 232 GS	Restricted 30°	4000 K (CRI 80)	71 W	8400	5930	Grey RAL 7037	4.9	1
GW S4 233 GS	Medium 60°	4000 K (CRI 80)	71 W	8400	7860	Grey RAL 7037	4.9	1
GW S4 234 GS	Diffused 100°	4000 K (CRI 80)	71 W	8400	7500	Grey RAL 7037	4.9	1
GW S4 235 GS	Elliptical	4000 K (CRI 80)	71 W	8400	7600	Grey RAL 7037	4.9	1
GW S4 236 GS	Asymmetrical	4000 K (CRI 80)	71 W	8400	7700	Grey RAL 7037	4.9	1

ACCESSORIES SUPPLIED: watertight connector, steel plate with two fixing points for suspension and spring with safety system.

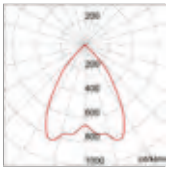
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.



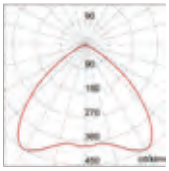
Photometric distributions



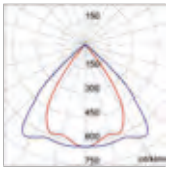
Restricted 30°



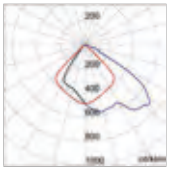
Medium 60°



Diffused 100°

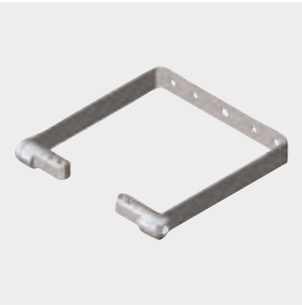


Elliptical



Asymmetrical

COMPLEMENTARY ITEMS



GW L1 923

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 923	Bracket 4L / 5L	1
GW L1 926	Fixing plate to pipe 4L-5L	1

NOTE: GWL1926 fixing plate for 40\60 mm diameter pipes.

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

For Special versions please contact our GEWISS Sales Organization

New product

SMART[4] 2.1 HLO - 4+4L

STANDARD VERSIONS

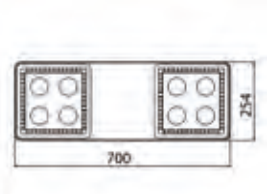
GW S4 242 GS

WIRED VERSIONS - IP66 - CLASS I

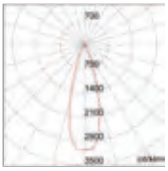
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 242 GS	Restricted 30°	4000 K (CRI 80)	116 W	13440	9490	Grey RAL 7037	7.4	1
GW S4 243 GS	Medium 60°	4000 K (CRI 80)	116 W	13440	12580	Grey RAL 7037	7.4	1
GW S4 244 GS	Diffused 100°	4000 K (CRI 80)	116 W	13440	12000	Grey RAL 7037	7.4	1
GW S4 245 GS	Elliptical	4000 K (CRI 80)	116 W	13440	12160	Grey RAL 7037	7.4	1
GW S4 246 GS	Asymmetrical	4000 K (CRI 80)	116 W	13440	12310	Grey RAL 7037	7.4	1

ACCESSORIES SUPPLIED: watertight connector, Watertight connector, four eye bolts and two fixed retaining wires for suspension.

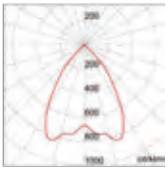
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.



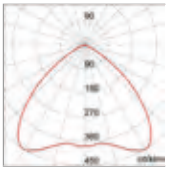
Photometric distributions



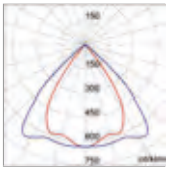
Restricted 30°



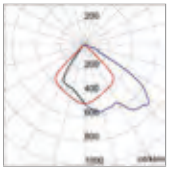
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 924	Bracket 4+4L / 5+5L	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1

NOTE: GWL1930 fixing plates kit for 40\60 mm diameter pipes.

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

For Special versions please contact our GEWISS Sales Organization

New product

SMART[4] 2.1 HLO - 5+5L

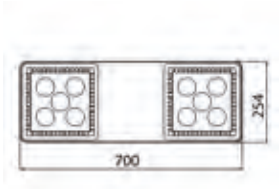
STANDARD VERSIONS

GW S4 252 GS

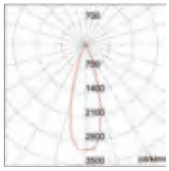
WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 252 GS	Restricted 30°	4000 K (CRI 80)	142 W	16800	11870	Grey RAL 7037	8.5	1
GW S4 253 GS	Medium 60°	4000 K (CRI 80)	142 W	16800	15720	Grey RAL 7037	8.5	1
GW S4 254 GS	Diffused 100°	4000 K (CRI 80)	142 W	16800	15000	Grey RAL 7037	8.5	1
GW S4 255 GS	Elliptical	4000 K (CRI 80)	142 W	16800	15210	Grey RAL 7037	8.5	1
GW S4 256 GS	Asymmetrical	4000 K (CRI 80)	142 W	16800	15390	Grey RAL 7037	8.5	1

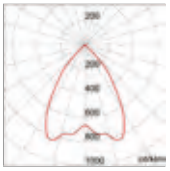
ACCESSORIES SUPPLIED: watertight connector, Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.



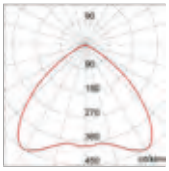
Photometric distributions



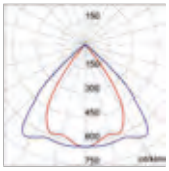
Restricted 30°



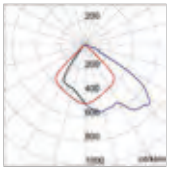
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 924

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 924	Bracket 4+4L / 5+5L	1
GW L1 930	Fixing plate kit to pipe 4L-5L	1
GW L1 927	Wall/ceiling-mounting fixing kit 4+4L-5+5L	1

NOTE: GWL1930 fixing plates kit for 40\60 mm diameter pipes.

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

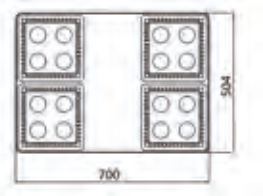
For Special versions please contact our GEWISS Sales Organization

New product

SMART[4] 2.1 HLO - 4X4L

STANDARD VERSIONS

GW S4 262 GS



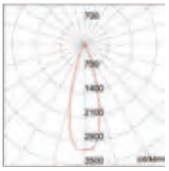
WIRED VERSIONS - IP66 - CLASS I

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 262 GS	Restricted 30°	4000 K (CRI 80)	232 W	26880	18990	Grey RAL 7037	13.4	1
GW S4 263 GS	Medium 60°	4000 K (CRI 80)	232 W	26880	25150	Grey RAL 7037	13.4	1
GW S4 264 GS	Diffused 100°	4000 K (CRI 80)	232 W	26880	24000	Grey RAL 7037	13.4	1
GW S4 265 GS	Elliptical	4000 K (CRI 80)	232 W	26880	24330	Grey RAL 7037	13.4	1
GW S4 266 GS	Asymmetrical	4000 K (CRI 80)	232 W	26880	24620	Grey RAL 7037	13.4	1

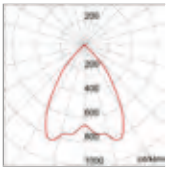
ACCESSORIES SUPPLIED: watertight connector, Watertight connector, four eye bolts and two fixed retaining wires for suspension.

NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.

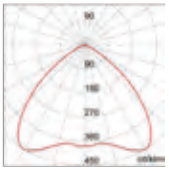
Photometric distributions



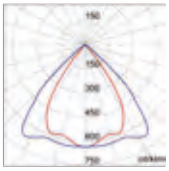
Restricted 30°



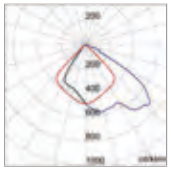
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 925

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 925	Bracket 4X4L / 4X5L	1
GW L1 928	Kit for ceiling mounting fixing with spring 4x4L / 4x5L	1

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

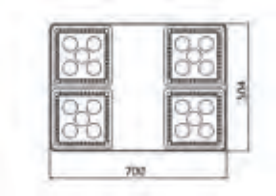
For Special versions please contact our GEWISS Sales Organization

New product

SMART[4] 2.1 HLO - 4X5L

STANDARD VERSIONS

GW S4 272 GS

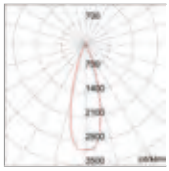


WIRED VERSIONS - IP66 - CLASS I

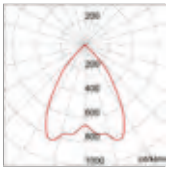
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Colour	Weight (kg)	Pack Carton
Voltage: 220/240 V - 50/60 Hz - Powered at 1.1 A - Stand alone								
GW S4 272 GS	Restricted 30°	4000 K (CRI 80)	284 W	33600	23730	Grey RAL 7037	15.9	1
GW S4 273 GS	Medium 60°	4000 K (CRI 80)	284 W	33600	31440	Grey RAL 7037	15.9	1
GW S4 274 GS	Diffused 100°	4000 K (CRI 80)	284 W	33600	30000	Grey RAL 7037	15.9	1
GW S4 275 GS	Elliptical	4000 K (CRI 80)	284 W	33600	30410	Grey RAL 7037	15.9	1
GW S4 276 GS	Asymmetrical	4000 K (CRI 80)	284 W	33600	30780	Grey RAL 7037	15.9	1

ACCESSORIES SUPPLIED: watertight connector, Watertight connector, four eye bolts and two fixed retaining wires for suspension.
NOTE: due to the continuous changes with the LED technologies, the technical data can undertake variations. Nominal flux referred to Tj=85°C. Versions with 3000K (-30K) or 5700K (-57K) LED available on demand. Maximum working temperature: +35°C.

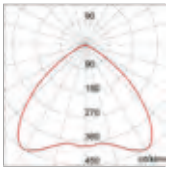
Photometric distributions



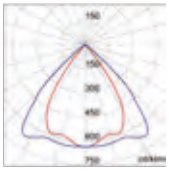
Restricted 30°



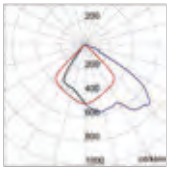
Medium 60°



Diffused 100°



Elliptical



Asymmetrical

COMPLEMENTARY ITEMS

GW L1 925

COMPLEMENTS FOR INSTALLATION

Code	Description	Pack Carton
GW L1 901	Kit of adjustable suspension ropes with safety clamp	1
GW L1 925	Bracket 4X4L / 4X5L	1
GW L1 928	Kit for ceiling mounting fixing with spring 4x4L / 4x5L	1

GW L1 907

SPARE PART

Code	Description	Pack Carton
GW L1 907	Transparent glass 4L-5L	1

For Special versions please contact our GEWISS Sales Organization

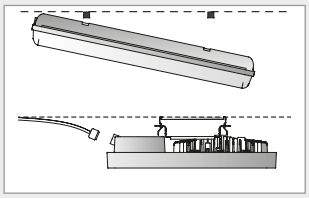
New product

Smart[4] 2.1 HLO

ANTI-CONDENSATION DEVICE

Smart [4]2.1 HLO is supplied with a specific device with a Gore-Tex® membrane, designed to prevent condensation and keep the electronic components inside in good condition.

EASY TO INSTALL



The Smart[4] 2.1 HLO range was designed and developed to guarantee easy installation and permit the individual replacement of existing devices in obsolete systems.

LIFETIME

L80B05 @+25°C =90.000h

Smart[4] 2.1 HLO guarantees an operating lifetime of at least 90,000h (L80B05 @+25°C) in standard conditions of use.

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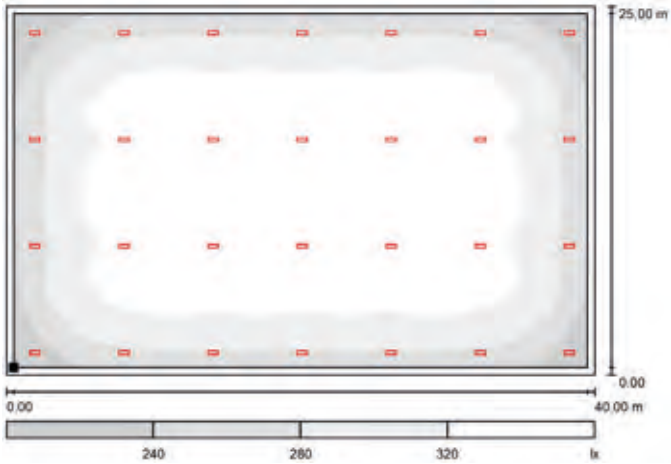
Technical characteristics

INSTALLATION	Indoors / outdoors
COLOUR	Grey RAL 7037
MATERIALS	
Body	Technopolymer PA6.6 + FV
Heat sink	EN AB 44300 “copper free” die-cast aluminium
Collimator / high bay	PC
Secondary lens	PMMA (if applicable)
Shield	4mm extra clear flat glass

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK08
INSULATION CLASS	I
LIFETIME	L80B05 @+25°C =90,000h
MARKINGS	CE

Installation solutions

Project: Cable and wire manufacturing

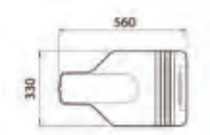


Standard	EN 12464-1:2011
Reference	5.11.1
Task or job carried out	Cable and wire manufacturing
Average lighting on the work surface (Em)	300 lx
Uniformity (Uo)	0.6
Room dimensions	40x25x12
Product code	Smart [4] 2.1 HLO GWS4253GS
Quantity	28
Average lighting at the work surface (Em)	309
Uniformity (Uo)	0.6
Installed electric power	3.9 KW

For special versions, contact the GEWISS sales department.

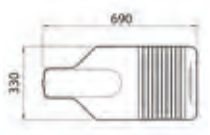
Dimensions

ROAD [5] (MINI)



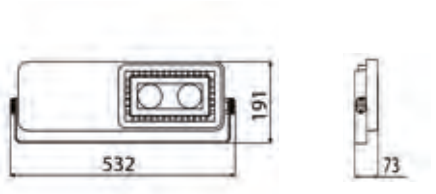
STREET [O3]

ROAD [5] (MEDIUM)



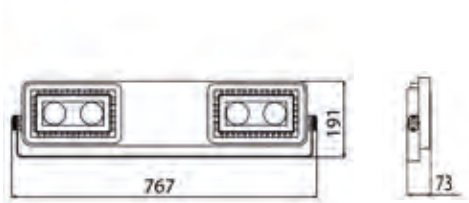
STREET [O3] MAXI

SMART[4] 2.0 FL - 2L

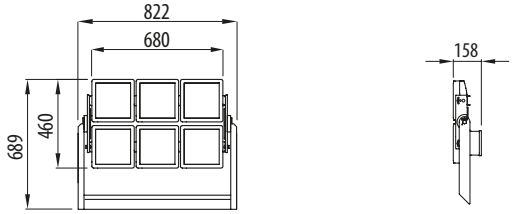


SMART[4] 2.0 FL - 4X5L

SMART[4] 2.0 FL - 2+2L

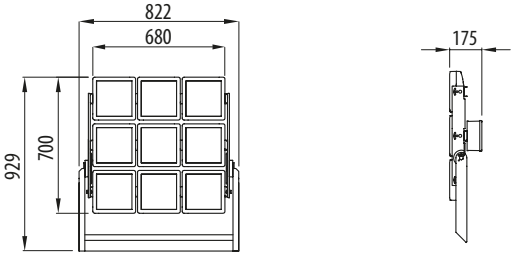


SMART[PRO] 6M - 1000W MT



SMART[4] 2.0 FL - 5L

SMART[PRO] 9M - 2000W MT



SMART[4] 2.0 FL - 5+5L

Dimensions

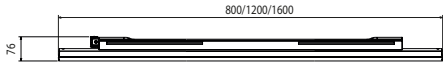
URBAN [O3]
(SIDE COUPLING SYSTEMS FOR COMMERCIAL SIDE BRACKETS)

URBAN [O3]
(SYSTEMS FOR SUSPENSIONS)

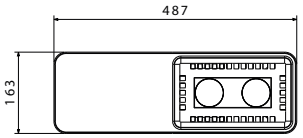
URBAN [O3]
(SYSTEMS FOR COMMERCIAL SIDE BRACKETS WITH TOP CONNECTION)

URBAN [O3]
(SYSTEMS FOR GEWISS SIDE BRACKETS)

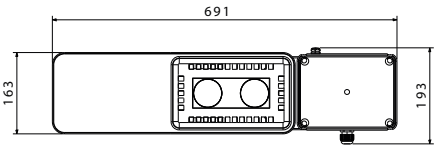
SMART[3]



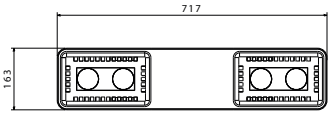
SMART[4]
2.0 LB - 2L



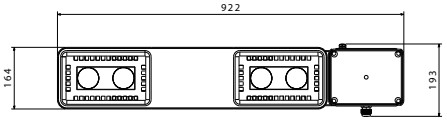
SMART[4]
2.0 LB - 2L EMERGENCY VERSION



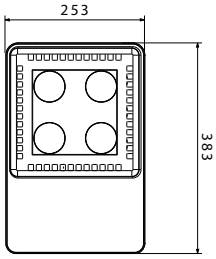
SMART[4]
2.0 LB - 2+2L



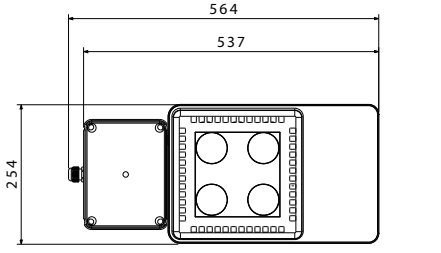
SMART[4]
2.0 LB - 2+2L EMERGENCY VERSION



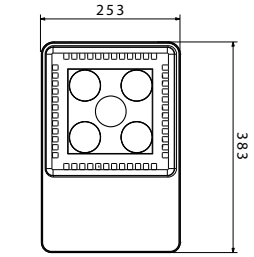
SMART[4]
2.0 LB - 4L



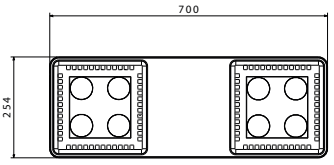
SMART[4]
2.0 LB - 4L EMERGENCY VERSION



SMART[4]
2.0 LB - 5L

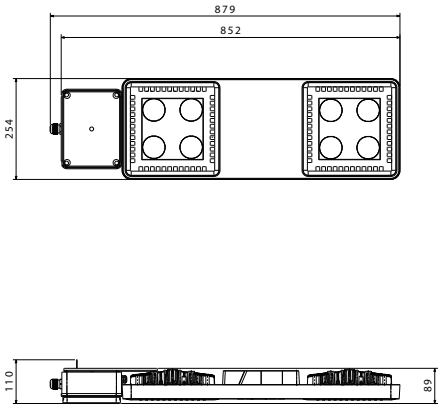


SMART[4]
2.0 LB - 4+4L

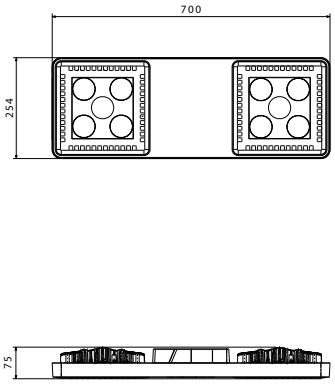


Dimensions

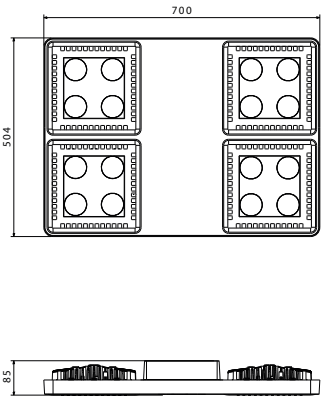
SMART[4]
2.0 LB - 4+4L EMERGENCY VERSION



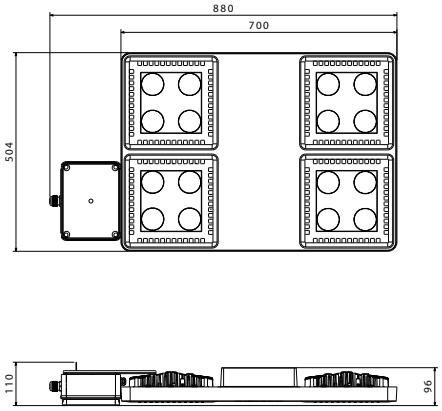
SMART[4]
2.0 LB - 5+5L



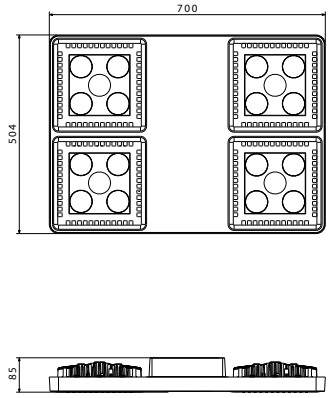
SMART[4]
2.0 LB - 4X4L



SMART[4]
2.0 LB - 4X4L EMERGENCY VERSION



SMART[4]
2.0 LB - 4X5L



Code	Quantity		Page
	Pack/carton	Pallet	
GW84			
GW 84 096	1	50	**20**
GW 84 097	1	50	**20**
GW85			
GW 85 691	1	195	**31**
GW 85 691	1	195	**34**
GW 85 692	1	120	**31**
GW 85 692	1	120	**34**
GW86			
GW 86 167	1	28	**20**
GW 86 522	1/4	200	**59**
GW 86 523	1/4	96	**59**
GW 86 524	1	110	**59**
GW 86 526	1	18	**59**
GW 86 527	1	16	**58**
GW 86 528	1	16	**58**
GW 86 529	1	12	**58**
GW 86 530	1	16	**58**
GW 86 531	1	16	**58**
GW 86 533	1	10	**59**
GW87			
GW 87 410	1	14	**14**
GW 87 411	1	14	**14**
GW 87 412	1	14	**14**
GW 87 413	1	14	**14**
GW 87 414	1	14	**14**
GW 87 430	1	6	**16**
GW 87 431	1	14	**16**
GW 87 432	1	14	**16**
GW 87 433	1	14	**16**
GW 87 434	1	14	**16**
GW 87 450	1	14	**17**
GW 87 451	1	14	**17**
GW 87 452	1	14	**17**
GW 87 453	1	14	**17**
GW 87 454	1	14	**17**
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GW 87 531	1	14	**15**
GW 87 532	1	14	**15**
GW 87 533	1	14	**15**
GW 87 534	1	14	**15**
GW 87 571	1	14	**15**
GW 87 581	1	40	**20**
GW 87 582	1	20	**20**
GW 87 586	1	50	**20**
GW 87 587	1	30	**20**
GW 87 591	1	30	**20**
GW 87 591	1	30	**58**
GW 87 592	1	30	**20**
GW 87 592	1	30	**58**
GW 87 593	1	50	**20**
GW 87 593	1	50	**58**
GW 87 596	1	0	**58**
GW 87 597	1	30	**58**
GW 87 598	1	0	**58**
GW 87 601	1	10	**44**
GW 87 602	1	4	**44**
GW 87 603	1	4	**44**

Code	Quantity		Page
	Pack/carton	Pallet	
GW 87 606	1	4	**44**
GW 87 607	1	10	**44**
GW 87 608	1	10	**44**
GW 87 611	1	4	**44**
GW 87 612	1	4	**44**
GW 87 613	1	0	**44**
GW 87 616	1	12	**44**
GW 87 617	1	4	**44**
GW 87 618	1	4	**44**
GW 87 621	1	0	**44**
GW 87 622	1	4	**44**
GW 87 623	1	0	**44**
GW 87 626	1	10	**44**
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GW 87 628	1	4	**44**
GW 87 631	1	0	**44**
GW 87 632	1	0	**44**
GW 87 633	1	0	**44**
GW 87 636	1	0	**44**
GW 87 637	1	4	**44**
GW 87 638	1	0	**44**
GW 87 691	1	30	**58**
GW 87 691 B	1	0	**58**
GW 87 692	1	50	**58**
GW 87 692 B	1	0	**58**
GW 87 696	1	13	**58**
GW 87 697	1	30	**58**
GW 87 701	1	4	**48**
GW 87 702	1	0	**48**
GW 87 703	1	4	**48**
GW 87 706	1	10	**48**
GW 87 707	1	0	**48**
GW 87 708	1	4	**48**
GW 87 711	1	0	**48**
GW 87 712	1	0	**48**
GW 87 713	1	0	**48**
GW 87 716	1	4	**48**
GW 87 717	1	0	**48**
GW 87 718	1	0	**48**
GW 87 721	1	0	**48**
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GW 87 723	1	0	**48**
GW 87 726	1	36	**48**
GW 87 727	1	36	**48**
GW 87 728	1	10	**48**
GW 87 731	1	0	**48**
GW 87 732	1	0	**48**
GW 87 733	1	0	**48**
GW 87 736	1	0	**48**
GW 87 737	1	0	**48**
GW 87 738	1	0	**48**
GW 87 801	1	0	**51**
GW 87 802	1	0	**51**
GW 87 803	1	10	**51**
GW 87 806	1	0	**51**
GW 87 807	1	0	**51**
GW 87 808	1	4	**51**
GW 87 811	1	0	**51**
GW 87 812	1	0	**51**
GW 87 813	1	0	**51**
GW 87 816	1	0	**51**

Code	Quantity		Page
	Pack/carton	Pallet	
GW 87 817	1	0	**51**
GW 87 818	1	4	**51**
GW 87 821	1	0	**51**
GW 87 822	1	4	**51**
GW 87 823	1	0	**51**
GW 87 826	1	0	**51**
GW 87 827	1	4	**51**
GW 87 828	1	0	**51**
GW 87 831	1	8	**51**
GW 87 832	1	0	**51**
GW 87 833	1	0	**51**
GW 87 836	1	0	**51**
GW 87 837	1	0	**51**
GW 87 838	1	4	**51**
GW 87 881	1	50	**47**
GW 87 882	1	50	**47**
GW 87 883	1	56	**47**
GW 87 884	1	0	**47**
GW 87 885	1	50	**47**
GW 87 891	1	0	**47**
GW 87 892	1	0	**47**
GW 87 893	1	0	**47**
GW 87 894	1	50	**47**
GW 87 895	1	25	**47**
GW 87 901	1	4	**54**
GW 87 902	1	8	**54**
GW 87 903	1	4	**54**
GW 87 906	1	10	**54**
GW 87 907	1	10	**54**
GW 87 908	1	10	**54**
GW 87 911	1	0	**54**
GW 87 912	1	0	**54**
GW 87 913	1	0	**54**
GW 87 916	1	4	**54**
GW 87 917	1	0	**54**
GW 87 918	1	4	**54**
GW 87 921	1	4	**54**
GW 87 922	1	10	**54**
GW 87 923	1	10	**54**
GW 87 926	1	0	**54**
GW 87 927	1	0	**54**
GW 87 928	1	4	**54**
GW 87 931	1	4	**54**
GW 87 932	1	0	**54**
GW 87 933	1	0	**54**
GW 87 936	1	0	**54**
GW 87 937	1	0	**54**
GW 87 938	1	0	**54**
GW 87 981	1	3	**57**
GW 87 982	1	0	**57**
GW 87 983	1	3	**57**
GW 87 984	1	9	**57**
GW 87 985	1	9	**57**
GW 87 986	1	0	**57**
GW 87 987	1	9	**57**
GW 87 987 B	1	0	**57**
GW 87 991	1	0	**57**
GW 87 992	1	0	**57**
GW 87 993	1	0	**57**
GW 87 994	1	9	**57**
GW 87 995	1	0	**57**

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	Pack/carton	Pallet	
GW 87 996	1	0	**57**
GW 87 997	1	3	**57**
GWL1			
GW L1 901	1	312	**69**
GW L1 901	1	312	**71**
GW L1 901	1	312	**73**
GW L1 901	1	312	**75**
GW L1 901	1	312	**77**
GW L1 901	1	312	**79**
GW L1 901	1	312	**81**
GW L1 901	1	312	**83**
GW L1 901	1	312	**89**
GW L1 901	1	312	**90**
GW L1 901	1	312	**91**
GW L1 901	1	312	**92**
GW L1 901	1	312	**93**
GW L1 901	1	312	**94**
GW L1 906	1	285	**28**
GW L1 906	1	285	**29**
GW L1 906	1	285	**69**
GW L1 906	1	285	**71**
GW L1 907	1	150	**32**
GW L1 907	1	150	**35**
GW L1 907	1	150	**36**
GW L1 907	1	150	**73**
GW L1 907	1	150	**75**
GW L1 907	1	150	**77**
GW L1 907	1	150	**79**
GW L1 907	1	150	**81**
GW L1 907	1	150	**83**
GW L1 907	1	150	**89**
GW L1 907	1	150	**90**
GW L1 907	1	150	**91**
GW L1 907	1	150	**92**
GW L1 907	1	150	**93**
GW L1 907	1	150	**94**
GW L1 908	1	0	**31**
GW L1 908	1	0	**34**
GW L1 921	1	96	**69**
GW L1 922	1	72	**71**
GW L1 923	1	112	**73**
GW L1 923	1	112	**75**
GW L1 923	1	112	**89**
GW L1 923	1	112	**90**
GW L1 924	1	72	**77**
GW L1 924	1	72	**79**
GW L1 924	1	72	**91**
GW L1 924	1	72	**92**
GW L1 925	1	76	**81**
GW L1 925	1	76	**83**
GW L1 925	1	76	**93**
GW L1 925	1	76	**94**
GW L1 926	1	192	**73**
GW L1 926	1	192	**75**
GW L1 926	1	192	**89**
GW L1 926	1	192	**90**
GW L1 927	1	112	**77**
GW L1 927	1	112	**79**
GW L1 927	1	112	**91**
GW L1 927	1	112	**92**

Code	Quantity		Page
	Pack/carton	Pallet	
GW L1 928	1	48	**81**
GW L1 928	1	48	**83**
GW L1 928	1	48	**93**
GW L1 928	1	48	**94**
GW L1 929	1	100	**73**
GW L1 929	1	100	**75**
GW L1 930	1	66	**77**
GW L1 930	1	66	**79**
GW L1 930	1	66	**91**
GW L1 930	1	66	**92**
GW L1 933	1	15	**32**
GW L1 934	1	10	**35**
GWP1			
GW P1 161 HE	1	0	**38**
GW P1 161 HL	1	0	**40**
GW P1 162 HE	1	0	**38**
GW P1 162 HL	1	0	**40**
GW P1 163 HE	1	0	**38**
GW P1 163 HL	1	0	**40**
GW P1 164 HE	1	0	**38**
GW P1 164 HL	1	0	**40**
GW P1 165 HE	1	0	**38**
GW P1 165 HL	1	0	**40**
GW P1 191 HE	1	0	**39**
GW P1 191 HL	1	0	**40**
GW P1 192 HE	1	0	**39**
GW P1 192 HL	1	0	**40**
GW P1 193 HE	1	0	**39**
GW P1 193 HL	1	0	**40**
GW P1 194 HE	1	0	**39**
GW P1 194 HL	1	0	**40**
GW P1 195 HE	1	0	**39**
GW P1 195 HL	1	0	**40**
GW P1 261 HE	1	0	**38**
GW P1 261 HL	1	0	**40**
GW P1 262 HE	1	0	**38**
GW P1 262 HL	1	0	**40**
GW P1 263 HE	1	0	**38**
GW P1 263 HL	1	0	**40**
GW P1 264 HE	1	0	**38**
GW P1 264 HL	1	0	**40**
GW P1 265 HE	1	0	**38**
GW P1 265 HL	1	0	**40**
GW P1 291 HE	1	0	**39**
GW P1 291 HL	1	0	**40**
GW P1 292 HE	1	0	**39**
GW P1 292 HL	1	0	**40**
GW P1 293 HE	1	0	**39**
GW P1 293 HL	1	0	**40**
GW P1 294 HE	1	0	**39**
GW P1 294 HL	1	0	**40**
GW P1 295 HE	1	0	**39**
GW P1 295 HL	1	0	**40**
GW P1 901 HE	1	0	**39**
GW P1 902 HE	1	0	**39**
GW P1 903 HE	1	0	**39**
GW P1 911 HL	1	0	**41**
GW P1 912 HL	1	0	**41**
GW P1 913 HL	1	0	**41**

Code	Quantity		Page
	Pack/carton	Pallet	
GWR5			
GW R5 111	1	36	**9**
GW R5 111 B	1	36	**9**
GW R5 111 M	1	36	**9**
GW R5 112	1	36	**9**
GW R5 112 B	1	36	**9**
GW R5 112 M	1	36	**9**
GW R5 113	1	36	**11**
GW R5 113 B	1	36	**11**
GW R5 113 M	1	36	**11**
GW R5 114	1	36	**11**
GW R5 114 B	1	36	**11**
GW R5 114 M	1	36	**11**
GW R5 115	1	36	**11**
GW R5 115 B	1	36	**11**
GW R5 115 M	1	36	**11**
GW R5 116	1	36	**11**
GW R5 116 B	1	36	**11**
GW R5 116 M	1	36	**11**
GW R5 131	1	36	**9**
GW R5 171	1	36	**9**
GW R5 171 B	1	36	**9**
GW R5 171 M	1	36	**9**
GW R5 172	1	36	**9**
GW R5 172 B	1	36	**9**
GW R5 172 M	1	36	**9**
GW R5 173	1	36	**11**
GW R5 173 B	1	36	**11**
GW R5 173 M	1	36	**11**
GW R5 174	1	36	**11**
GW R5 174 B	1	36	**11**
GW R5 174 M	1	36	**11**
GW R5 175	1	36	**11**
GW R5 175 B	1	36	**11**
GW R5 175 M	1	36	**11**
GW R5 176	1	36	**11**
GW R5 176 B	1	36	**11**
GW R5 176 M	1	36	**11**
GW R5 211	1	36	**8**
GW R5 211 B	1	36	**8**
GW R5 211 M	1	36	**8**
GW R5 212	1	36	**8**
GW R5 212 B	1	36	**8**
GW R5 212 M	1	36	**8**
GW R5 213	1	36	**10**
GW R5 213 B	1	36	**10**
GW R5 213 M	1	36	**10**
GW R5 214	1	36	**10**
GW R5 214 M	1	36	**10**
GW R5 215	1	36	**10**
GW R5 215 B	1	36	**10**
GW R5 215 M	1	36	**10**
GW R5 216	1	36	**10**
GW R5 216 B	1	36	**10**
GW R5 216 M	1	36	**10**
GW R5 231	1	36	**8**
GW R5 271	1	36	**8**
GW R5 271 B	1	36	**8**
GW R5 271 M	1	36	**8**
GW R5 272	1	36	**8**
GW R5 272 B	1	36	**8**

Code	Quantity		Page
	Pack/carton	Pallet	
GW R5 272 M	1	36	**8**
GW R5 273	1	36	**10**
GW R5 273 B	1	36	**10**
GW R5 273 M	1	36	**10**
GW R5 274	1	36	**10**
GW R5 274 M	1	36	**10**
GW R5 275	1	36	**10**
GW R5 275 B	1	36	**10**
GW R5 275 M	1	36	**10**
GW R5 276	1	36	**10**
GW R5 276 B	1	36	**10**
GW R5 276 M	1	36	**10**
GW R5 371 M	1	0	**9**
GW R5 372 M	1	0	**9**
GW R5 611	1	0	**5**
GW R5 611 B	1	0	**5**
GW R5 611 M	1	0	**5**
GW R5 612	1	0	**5**
GW R5 612 B	1	0	**5**
GW R5 612 M	1	0	**5**
GW R5 613	1	0	**7**
GW R5 613 B	1	0	**7**
GW R5 613 M	1	0	**7**
GW R5 614	1	0	**7**
GW R5 614 B	1	0	**7**
GW R5 614 M	1	0	**7**
GW R5 615	1	0	**7**
GW R5 615 B	1	0	**7**
GW R5 615 M	1	0	**7**
GW R5 616	1	0	**7**
GW R5 616 B	1	0	**7**
GW R5 616 M	1	0	**7**
GW R5 631	1	0	**5**
GW R5 671	1	0	**5**
GW R5 671 B	1	0	**5**
GW R5 671 M	1	0	**5**
GW R5 672	1	0	**5**
GW R5 672 B	1	0	**5**
GW R5 672 M	1	0	**5**
GW R5 673	1	0	**7**
GW R5 673 B	1	0	**7**
GW R5 673 M	1	0	**7**
GW R5 674	1	0	**7**
GW R5 674 B	1	0	**7**
GW R5 674 M	1	0	**7**
GW R5 675	1	0	**7**
GW R5 675 B	1	0	**7**
GW R5 675 M	1	0	**7**
GW R5 676	1	0	**7**
GW R5 676 B	1	0	**7**
GW R5 676 M	1	0	**7**
GW R5 711	② 1	0	**4**
GW R5 711 B	② 1	0	**4**
GW R5 711 M	② 1	0	**4**
GW R5 712	② 1	0	**4**
GW R5 712 B	② 1	0	**4**
GW R5 712 M	② 1	0	**4**
GW R5 713	② 1	0	**6**
GW R5 713 B	② 1	0	**6**
GW R5 713 M	② 1	0	**6**
GW R5 714	② 1	0	**6**

Code	Quantity		Page
	Pack/carton	Pallet	
GW R5 714 B	② 1	0	**6**
GW R5 714 M	② 1	0	**6**
GW R5 715	② 1	0	**6**
GW R5 715 B	② 1	0	**6**
GW R5 715 M	② 1	0	**6**
GW R5 716	② 1	0	**6**
GW R5 716 B	② 1	0	**6**
GW R5 716 M	② 1	0	**6**
GW R5 731	② 1	0	**4**
GW R5 771	② 1	0	**4**
GW R5 771 B	② 1	0	**4**
GW R5 771 M	② 1	0	**4**
GW R5 772	② 1	0	**4**
GW R5 772 B	② 1	0	**4**
GW R5 772 M	② 1	0	**4**
GW R5 773	② 1	0	**6**
GW R5 773 B	② 1	0	**6**
GW R5 773 M	② 1	0	**6**
GW R5 774	② 1	0	**6**
GW R5 774 B	② 1	0	**6**
GW R5 774 M	② 1	0	**6**
GW R5 775	② 1	0	**6**
GW R5 775 B	② 1	0	**6**
GW R5 775 M	② 1	0	**6**
GW R5 776	② 1	0	**6**
GW R5 776 B	② 1	0	**6**
GW R5 776 M	② 1	0	**6**
GW R5 871 M	1	0	**5**
GW R5 872 M	1	0	**5**
GWS3			
GW S3 118 P	1/90	90	**63**
GW S3 118 PD	1/90	90	**63**
GW S3 118 T	1/90	90	**62**
GW S3 118 TD	1/90	90	**62**
GW S3 136 P	1/90	90	**63**
GW S3 136 PD	1/90	90	**63**
GW S3 136 PL	1/90	90	**63**
GW S3 136 T	1/90	90	**62**
GW S3 136 TD	1/90	90	**62**
GW S3 158 P	1/90	90	**63**
GW S3 158 PD	1/90	90	**63**
GW S3 158 PL	1/90	90	**63**
GW S3 158 T	1/90	90	**62**
GW S3 158 TD	1/90	90	**62**
GW S3 191	1/10	480	**64**
GW S3 192	1/10	1100	**64**
GW S3 193	1/10	500	**64**
GW S3 195	1	0	**64**
GW S3 218 P	1/90	90	**63**
GW S3 218 PD	1/90	90	**63**
GW S3 218 T	1/90	90	**62**
GW S3 218 TD	1/90	90	**62**
GW S3 236 P	1/90	90	**63**
GW S3 236 PD	1/90	90	**63**
GW S3 236 PL	1/90	90	**63**
GW S3 236 T	1/90	90	**62**
GW S3 236 TD	1/90	90	**62**
GW S3 258 P	1/90	90	**63**
GW S3 258 PD	1/90	90	**63**
GW S3 258 PL	1/90	90	**63**

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	Pack/carton	Pallet	
GW S3 258 T	1/90	90	**62**
GW S3 258 TD	1/90	90	**62**
GWS4			
GW S4 001 GD	1	66	**67**
GW S4 001 GR	1	66	**68**
GW S4 001 GS	1	66	**67**
GW S4 002 GD	1	66	**67**
GW S4 002 GR	1	66	**68**
GW S4 002 GS	1	66	**67**
GW S4 003 GD	1	66	**67**
GW S4 003 GR	1	66	**68**
GW S4 003 GS	1	66	**67**
GW S4 004 GD	1	66	**67**
GW S4 004 GE	1	12	**68**
GW S4 004 GR	1	66	**68**
GW S4 004 GS	1	66	**67**
GW S4 005 GD	1	66	**67**
GW S4 005 GR	1	66	**68**
GW S4 005 GS	1	66	**67**
GW S4 006 GD	1	66	**67**
GW S4 006 GR	1	66	**68**
GW S4 006 GS	1	66	**67**
GW S4 011 GD	1	44	**70**
GW S4 011 GR	1	44	**71**
GW S4 011 GS	1	44	**70**
GW S4 012 GD	1	44	**70**
GW S4 012 GR	1	44	**71**
GW S4 012 GS	1	44	**70**
GW S4 013 GD	1	44	**70**
GW S4 013 GR	1	44	**71**
GW S4 013 GS	1	44	**70**
GW S4 014 GD	1	44	**70**
GW S4 014 GE	1	24	**70**
GW S4 014 GR	1	44	**71**
GW S4 014 GS	1	44	**70**
GW S4 015 GD	1	44	**70**
GW S4 015 GR	1	44	**71**
GW S4 015 GS	1	44	**70**
GW S4 016 GD	1	44	**70**
GW S4 016 GR	1	44	**71**
GW S4 016 GS	1	44	**70**
GW S4 021 GD	1	55	**72**
GW S4 021 GR	1	55	**73**
GW S4 021 GS	1	55	**72**
GW S4 022 GD	1	55	**72**
GW S4 022 GR	1	55	**73**
GW S4 022 GS	1	55	**72**
GW S4 023 GD	1	55	**72**
GW S4 023 GR	1	55	**73**
GW S4 023 GS	1	55	**72**
GW S4 024 GD	1	55	**72**
GW S4 024 GE	1	24	**72**
GW S4 024 GR	1	55	**73**
GW S4 024 GS	1	55	**72**
GW S4 025 GD	1	55	**72**
GW S4 025 GR	1	55	**73**
GW S4 025 GS	1	55	**72**
GW S4 026 GD	1	55	**72**
GW S4 026 GR	1	55	**73**
GW S4 026 GS	1	55	**72**

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GW S4 031 GD	1	55	74
GW S4 031 GR	1	55	74
GW S4 031 GS	1	55	74
GW S4 032 GD	1	55	74
GW S4 032 GR	1	55	74
GW S4 032 GS	1	55	74
GW S4 033 GD	1	55	74
GW S4 033 GR	1	55	74
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GW S4 034 GD	1	55	74
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GW S4 034 GS	1	55	74
GW S4 035 GD	1	55	74
GW S4 035 GR	1	55	74
GW S4 035 GS	1	55	74
GW S4 036 GD	1	55	74
GW S4 036 GR	1	55	74
GW S4 036 GS	1	55	74
GW S4 041 GD	1	33	76
GW S4 041 GR	1	33	77
GW S4 041 GS	1	0	76
GW S4 042 GD	1	33	76
GW S4 042 GR	1	33	77
GW S4 042 GS	1	33	76
GW S4 043 GD	1	33	76
GW S4 043 GR	1	33	77
GW S4 043 GS	1	33	76
GW S4 044 GD	1	33	76
GW S4 044 GE	1	18	76
GW S4 044 GR	1	33	77
GW S4 044 GS	1	33	76
GW S4 045 GD	1	33	76
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GW S4 045 GS	1	33	76
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GW S4 055 GS	1	33	78
GW S4 056 GD	1	33	78
GW S4 056 GR	1	33	78
GW S4 056 GS	1	33	78
GW S4 061 GD	1	16	80
GW S4 061 GR	1	16	81
GW S4 061 GS	1	16	80
GW S4 062 GD	1	16	80
GW S4 062 GR	1	16	81
GW S4 062 GS	1	16	80

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 063 GD	1	16	80
GW S4 063 GR	1	16	81
GW S4 063 GS	1	16	80
GW S4 064 GD	1	16	80
GW S4 064 GE	1	12	80
GW S4 064 GR	1	16	81
GW S4 064 GS	1	16	80
GW S4 065 GD	1	16	80
GW S4 065 GR	1	16	81
GW S4 065 GS	1	16	80
GW S4 066 GD	1	16	80
GW S4 066 GR	1	16	81
GW S4 066 GS	1	16	80
GW S4 071 GD	1	16	82
GW S4 071 GR	1	16	82
GW S4 071 GS	1	16	82
GW S4 072 GD	1	16	82
GW S4 072 GR	1	16	82
GW S4 072 GS	1	16	82
GW S4 073 GD	1	16	82
GW S4 073 GR	1	16	82
GW S4 073 GS	1	16	82
GW S4 074 GD	1	16	82
GW S4 074 GR	1	16	82
GW S4 074 GS	1	16	82
GW S4 075 GD	1	16	82
GW S4 075 GR	1	16	82
GW S4 075 GS	1	16	82
GW S4 076 GD	1	16	82
GW S4 076 GR	1	16	82
GW S4 076 GS	1	16	82
GW S4 101 BD	1	0	27
GW S4 101 BS	1	66	27
GW S4 101 GD	1	66	27
GW S4 101 GS	1	66	27
GW S4 102 GD	1	66	27
GW S4 102 GS	1	66	27
GW S4 103 BD	1	0	27
GW S4 103 BS	1	66	27
GW S4 103 GD	1	66	27
GW S4 103 GS	1	66	27
GW S4 104 BD	1	0	27
GW S4 104 BS	1	66	27
GW S4 104 GD	1	66	27
GW S4 104 GS	1	66	27
GW S4 105 BD	1	0	27
GW S4 105 BS	1	66	27
GW S4 105 GD	1	66	27
GW S4 105 GS	1	66	27
GW S4 106 GD	1	66	27
GW S4 106 GS	1	66	27
GW S4 111 BD	1	0	29
GW S4 111 BS	1	44	29
GW S4 111 GD	1	44	29
GW S4 111 GS	1	44	29
GW S4 112 GD	1	44	29
GW S4 112 GS	1	44	29
GW S4 113 BD	1	0	29
GW S4 113 BS	1	44	29
GW S4 113 GD	1	44	29
GW S4 113 GS	1	44	29

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 114 BD	1	0	29
GW S4 114 BS	1	44	29
GW S4 114 GD	1	44	29
GW S4 114 GS	1	44	29
GW S4 115 BD	1	0	29
GW S4 115 BS	1	44	29
GW S4 115 GD	1	44	29
GW S4 115 GS	1	44	29
GW S4 116 GD	1	44	29
GW S4 116 GS	1	44	29
GW S4 131 BD	1	0	30
GW S4 131 BS	1	55	30
GW S4 131 GD	1	55	30
GW S4 131 GS	1	55	30
GW S4 132 GD	1	55	30
GW S4 132 GS	1	55	30
GW S4 133 BD	1	0	30
GW S4 133 BS	1	55	30
GW S4 133 GC	1	55	31
GW S4 133 GD	1	55	30
GW S4 133 GS	1	55	30
GW S4 134 BD	1	0	30
GW S4 134 BS	1	55	30
GW S4 134 GD	1	55	30
GW S4 134 GS	1	55	30
GW S4 135 BD	1	0	30
GW S4 135 BS	1	55	30
GW S4 135 GD	1	55	30
GW S4 135 GS	1	55	30
GW S4 136 GD	1	55	30
GW S4 136 GS	1	55	30
GW S4 151 BD	1	0	33
GW S4 151 BS	1	33	33
GW S4 151 GD	1	33	33
GW S4 151 GS	1	33	33
GW S4 152 GD	1	33	33
GW S4 152 GS	1	33	33
GW S4 153 BD	1	0	33
GW S4 153 BS	1	33	33
GW S4 153 GC	1	33	34
GW S4 153 GD	1	33	33
GW S4 153 GS	1	33	33
GW S4 154 BD	1	0	33
GW S4 154 BS	1	33	33
GW S4 154 GD	1	33	33
GW S4 154 GS	1	33	33
GW S4 155 BD	1	0	33
GW S4 155 BS	1	33	33
GW S4 155 GD	1	33	33
GW S4 155 GS	1	33	33
GW S4 156 GD	1	33	33
GW S4 156 GS	1	33	33
GW S4 171 GD	1	16	36
GW S4 171 GS	1	16	36
GW S4 172 GD	1	16	36
GW S4 172 GS	1	16	36
GW S4 173 GD	1	16	36
GW S4 173 GS	1	16	36
GW S4 174 GD	1	16	36
GW S4 174 GS	1	16	36
GW S4 175 GD	1	16	36

Code	Quantity		Page
	Pack/carton	Pallet	
GW S4 175 GS	1	16	**36**
GW S4 176 GD	1	16	**36**
GW S4 176 GS	1	16	**36**
GW S4 222 GS	1	0	**88**
GW S4 223 GS	1	0	**88**
GW S4 224 GS	1	55	**88**
GW S4 225 GS	1	0	**88**
GW S4 226 GS	1	0	**88**
GW S4 232 GS	1	0	**90**
GW S4 233 GS	1	44	**90**
GW S4 234 GS	1	55	**90**
GW S4 235 GS	1	0	**90**
GW S4 236 GS	1	44	**90**
GW S4 242 GS	1	0	**91**
GW S4 243 GS	1	0	**91**
GW S4 244 GS	1	0	**91**
GW S4 245 GS	1	0	**91**
GW S4 246 GS	1	33	**91**
GW S4 252 GS	1	0	**92**
GW S4 253 GS	1	0	**92**
GW S4 254 GS	1	33	**92**
GW S4 255 GS	1	0	**92**
GW S4 256 GS	1	0	**92**
GW S4 262 GS	1	0	**93**
GW S4 263 GS	1	0	**93**
GW S4 264 GS	1	0	**93**
GW S4 265 GS	1	0	**93**
GW S4 266 GS	1	0	**93**
GW S4 272 GS	1	0	**94**
GW S4 273 GS	1	0	**94**
GW S4 274 GS	1	33	**94**
GW S4 275 GS	1	0	**94**
GW S4 276 GS	1	0	**94**
GWS7			
GW S7 030	1	14	**18**
GW S7 031	1	14	**18**
GW S7 032	1	14	**18**
GW S7 071	1	14	**19**
GW S7 110	1	14	**18**
GW S7 111	1	14	**18**
GW S7 112	1	14	**18**
GW S7 201	1	0	**45**
GW S7 202	1	0	**45**
GW S7 203	1	0	**45**
GW S7 206	1	0	**45**
GW S7 207	1	10	**45**
GW S7 208	1	10	**45**
GW S7 211	1	0	**45**
GW S7 212	1	0	**45**
GW S7 213	1	0	**45**
GW S7 216	1	0	**45**
GW S7 217	1	0	**45**
GW S7 218	1	10	**45**
GW S7 221	1	0	**45**
GW S7 222	1	0	**45**
GW S7 223	1	0	**45**
GW S7 226	1	4	**45**
GW S7 227	1	0	**45**
GW S7 228	1	10	**45**
GW S7 231	1	0	**45**

Code	Quantity		Page
	Pack/carton	Pallet	
GW S7 232	1	0	**45**
GW S7 233	1	0	**45**
GW S7 236	1	0	**45**
GW S7 237	1	0	**45**
GW S7 238	1	0	**45**
GW S7 251	1	0	**46**
GW S7 252	1	0	**46**
GW S7 253	1	0	**46**
GW S7 256	1	0	**46**
GW S7 257	1	0	**46**
GW S7 258	1	8	**46**
GW S7 261	1	0	**46**
GW S7 262	1	0	**46**
GW S7 263	1	0	**46**
GW S7 266	1	0	**46**
GW S7 267	1	10	**46**
GW S7 268	1	0	**46**
GW S7 271	1	0	**46**
GW S7 272	1	0	**46**
GW S7 273	1	0	**46**
GW S7 276	1	0	**46**
GW S7 277	1	0	**46**
GW S7 278	1	0	**46**
GW S7 281	1	0	**46**
GW S7 282	1	0	**46**
GW S7 283	1	0	**46**
GW S7 286	1	0	**46**
GW S7 287	1	0	**46**
GW S7 288	1	0	**46**
GW S7 301	1	0	**49**
GW S7 302	1	0	**49**
GW S7 303	1	0	**49**
GW S7 306	1	0	**49**
GW S7 307	1	0	**49**
GW S7 308	1	10	**49**
GW S7 311	1	0	**49**
GW S7 312	1	0	**49**
GW S7 313	1	0	**49**
GW S7 316	1	0	**49**
GW S7 317	1	0	**49**
GW S7 318	1	0	**49**
GW S7 321	1	0	**49**
GW S7 322	1	0	**49**
GW S7 323	1	0	**49**
GW S7 326	1	0	**49**
GW S7 327	1	8	**49**
GW S7 328	1	0	**49**
GW S7 331	1	0	**49**
GW S7 332	1	0	**49**
GW S7 333	1	0	**49**
GW S7 336	1	0	**49**
GW S7 337	1	0	**49**
GW S7 338	1	0	**49**
GW S7 351	1	0	**50**
GW S7 352	1	0	**50**
GW S7 353	1	0	**50**
GW S7 356	1	10	**50**
GW S7 357	1	0	**50**
GW S7 358	1	0	**50**
GW S7 361	1	0	**50**
GW S7 362	1	0	**50**

Code	Quantity		Page
	Pack/carton	Pallet	
GW S7 363	1	0	**50**
GW S7 366	1	0	**50**
GW S7 367	1	0	**50**
GW S7 368	1	0	**50**
GW S7 371	1	0	**50**
GW S7 372	1	0	**50**
GW S7 373	1	0	**50**
GW S7 376	1	0	**50**
GW S7 377	1	36	**50**
GW S7 378	1	0	**50**
GW S7 381	1	0	**50**
GW S7 382	1	0	**50**
GW S7 383	1	0	**50**
GW S7 386	1	0	**50**
GW S7 387	1	0	**50**
GW S7 388	1	0	**50**
GW S7 401	1	0	**52**
GW S7 402	1	0	**52**
GW S7 403	1	0	**52**
GW S7 406	1	10	**52**
GW S7 407	1	0	**52**
GW S7 408	1	0	**52**
GW S7 411	1	0	**52**
GW S7 412	1	0	**52**
GW S7 413	1	0	**52**
GW S7 416	1	0	**52**
GW S7 417	1	0	**52**
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GW S7 422	1	0	**52**
GW S7 423	1	0	**52**
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GW S7 428	1	0	**52**
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GW S7 433	1	0	**52**
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GW S7 452	1	0	**53**
GW S7 453	1	0	**53**
GW S7 456	1	4	**53**
GW S7 457	1	10	**53**
GW S7 458	1	4	**53**
GW S7 461	1	0	**53**
GW S7 462	1	0	**53**
GW S7 463	1	0	**53**
GW S7 466	1	0	**53**
GW S7 467	1	0	**53**
GW S7 468	1	10	**53**
GW S7 471	1	0	**53**
GW S7 472	1	0	**53**
GW S7 473	1	0	**53**
GW S7 476	1	0	**53**
GW S7 477	1	0	**53**
GW S7 478	1	4	**53**
GW S7 481	1	0	**53**
GW S7 482	1	0	**53**
GW S7 483	1	0	**53**

Quick Reference

Code	Quantity		Page
	Pack/carton	Pallet	
GW S7 486	1	0	53
GW S7 487	1	4	53
GW S7 488	1	0	53
GW S7 501	1	0	55
GW S7 501 B	1	0	55
GW S7 502	1	4	55
GW S7 502 B	1	0	55
GW S7 503	1	0	55
GW S7 503 B	1	0	55
GW S7 506	1	0	55
GW S7 507	1	0	55
GW S7 508	1	0	55
GW S7 511	1	0	55
GW S7 512	1	0	55
GW S7 513	1	0	55
GW S7 516	1	0	55
GW S7 517	1	0	55
GW S7 518	1	4	55
GW S7 521	1	0	55
GW S7 522	1	0	55
GW S7 523	1	0	55
GW S7 526	1	8	55
GW S7 527	1	0	55
GW S7 528	1	0	55
GW S7 531	1	0	55
GW S7 532	1	0	55
GW S7 533	1	0	55
GW S7 536	1	0	55
GW S7 537	1	0	55
GW S7 538	1	0	55
GW S7 551	1	0	56
GW S7 552	1	0	56
GW S7 553	1	0	56
GW S7 556	1	4	56
GW S7 557	1	0	56
GW S7 558	1	10	56
GW S7 561	1	0	56
GW S7 562	1	0	56
GW S7 563	1	0	56
GW S7 566	1	0	56
GW S7 567	1	10	56
GW S7 568	1	0	56
GW S7 571	1	0	56
GW S7 572	1	0	56
GW S7 573	1	0	56
GW S7 576	1	10	56
GW S7 577	1	0	56
GW S7 578	1	0	56
GW S7 581	1	0	56
GW S7 582	1	0	56
GW S7 583	1	0	56
GW S7 586	1	0	56
GW S7 587	1	0	56
GW S7 588	1	0	56
GW S7 630	1	14	16
GW S7 631	1	14	16
GW S7 632	1	0	16
GW S7 633	1	0	16
GW S7 634	1	0	16
GW S7 680	1	14	17
GW S7 681	1	16	17

Code	Quantity		Page
	Pack/carton	Pallet	
GW S7 682	1	14	17
GW S7 683	1	14	17
GW S7 684	1	0	17
GW S7 801	1	10	23
GW S7 802	1	10	23
GW S7 803	1	10	23
GW S7 804	1	10	23
GW S7 805	1	10	23
GW S7 806	1	0	24
GW S7 807	1	0	24
GW S7 808	1	0	24
GW S7 809	1	0	24
GW S7 810	1	10	24
GW S7 811	1	0	24
GW S7 812	1	10	24
GW S7 813	1	0	24
GW S7 814	1	0	24
GW S7 815	1	14	24
GW S7 821	1	10	23
GW S7 822	1	10	23
GW S7 823	1	10	23
GW S7 824	1	10	23
GW S7 825	1	10	23
GW S7 826	1	0	24
GW S7 827	1	0	24
GW S7 828	1	0	24
GW S7 829	1	0	24
GW S7 830	1	0	24
GW S7 831	1	0	24
GW S7 832	1	10	24
GW S7 833	1	0	24
GW S7 834	1	0	24
GW S7 835	1	0	24

Icon key

REGULATORY ICONS

Device for flammable surfaces

Low surface temperature device

Glow wire test

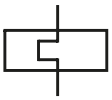
Class I

Double insulation

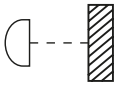
Class III

Impact resistance

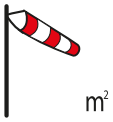
IP degree of protection



Ballast with thermal protection integrated



Minimum distance from the lighted object



Maximum wind exposed surface

Luminaire approved for gym

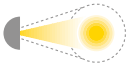
Luminaire for explosion environments

TECHNICAL ICONS

Symmetrical restricted beam optics floodlight

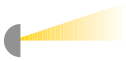
Symmetrical diffused beam optics floodlight

Circular optics floodlight



Variable focus circular optics floodlight

Asymmetrical restricted beam optics floodlight



Asymmetrical diffused beam optics floodlight

Street optics floodlight

Adjustable street lighting

Restricted beam optics industrial high bay

Diffused beam optics industrial high bay

Transparent beam optics industrial high bay

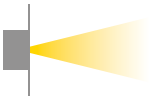
Asymmetrical beam optics industrial high bay

Indirect optics device

Ground recessed luminary with symmetrical optic

Ground recessed luminary with asymmetrical optic

Wall washer luminary with symmetrical optic



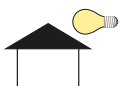
Wall recessed luminary with symmetrical optic

Wall recessed luminary with asymmetrical optic

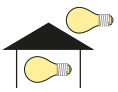
Decorative device

Dual power regime

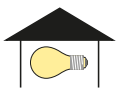
Device with possible dimmer



Outdoor device



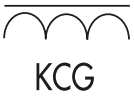
Indoor/outdoor device



Indoor device

Icon key

LUMINAIRE ICONS



Electromagnetic Ballast

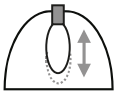
Electronic Ballast

Not wired

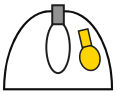
Hot re-strike

High bay diameter 470mm

High bay diameter 570mm



Adjustable lamp position



Auxiliary halogen lamp

High bay with flat glass closure

High bay with PC bowl closure

High bay with PMMA bowl closure

PMMA globe

Emergency device

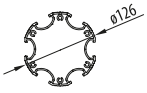
Ni - Cd accumulator

Ni - Mh accumulator

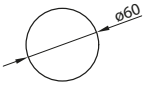
Fast wiring device

Installation hole 210 mm

Installation hole 75 mm



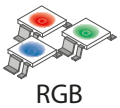
Pole with slots



Conical pole

Device via PWM protocol

Device via DMX protocol



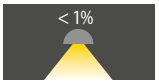
RGB LED version

Luminaire completed with lamp

5 years warranty

5 years warranty
See “plastic products warranty”

Constant current driver



Reduced light pollution device

Non light polluting device

ILCOS CLASSIFICATION

ILCOS represents an international system for coding all lamps, except for those for vehicles (according to reference standard EN 61231).

The objective of the international coding system is to:
- optimise communication regarding different types of lamps;
- clarify concepts of product interchangeability and compatibility;
- create closer connections between international standards and manufacturer documentation;
- permit correct lamp replacement;
- be used as complementary marking on lighting devices;
- replace international coding systems.

Complete ILCOS coding consists of a letter section and a numerical section.

In the letter section, the lamps are identified by two letters.

The first letter identifies the lamp type	**I**	Incandescent
	F	Fluorescents
	H	Halogen
	F	Fluorescent
	S	High pressure sodium
	L	Low pressure sodium
	Q	High pressure mercury lamps
	M	Metallic iodide lamps
	D	LED
	X	Special lamps
The second letter defines the main form characteristic	**N**	Tubular
	S	Single coupling
	D	Double coupling
	E	Opal ellipsoidal
	C	Clear
	R	Dichroic high bay
	M	Metallic high bay

The numerical section consists of blocks that consist of numbers, each of which is separated by a dash and that include the characteristic values:

power	voltage	coupling	dimensions

INCANDESCENT LAMPS		
	**I**	Incandescent
HALOGEN LAMPS		
	**HS**	Single coupling halogen
	**HD**	Double coupling halogen
	**HR**	Halogen with dichroic high bay
FLUORESCENT LAMPS		
	FSD	Two conduit single coupling fluorescent
	FD	Double coupling fluorescent
	**FSQ**	4 conduit single coupling fluorescent
	**FSM**	Multiple conduit single coupling fluorescent
	**FB**	Fluorescent with built-in power supply
	**FSS**	Square fluorescent
	**FBT**	Tubular fluorescent
HIGH PRESSURE MERCURY LAMPS		
	**QE**	Ellipsoidal mercury with diffused coating

HIGH PRESSURE SODIUM LAMPS		
	**SE**	Diffused ellipsoidal sodium
	**ST**	Clear tubular sodium
	**SD**	Double coupling clear sodium
LOW PRESSURE SODIUM LAMPS		
	**LS**	Single coupling sodium
METALLIC IODIDE LAMPS		
	**ME**	Ellipsoidal metallic iodides, diffused coating
	**MT**	Clear tubular metallic iodides
	**MC**	Clear bulb ellipsoidal metallic iodides
	**MD**	Metallic iodides with double coupling, clear
	**MN**	Metallic iodides with double coupling without external bulb
LED		
	**DS**	LED module with separate power supply
	**DR**	LED lamp with built-in power supply

ENERGY LABELLING

The Energy Labelling regulation (874/2012) requires that an energy label be created and made available by March 1 2014 for devices intended for private use.
All advertisements, price indications, promotions and offers must indicate all the information included on the label:

- efficiency range of compatible lamps
- if the device contains LED
- if the LED can be replaced or not

When the products referred to in this regulation are sold and displayed in stored, they must be always accompanied by the energy label that can be downloaded from the Gewiss website.

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS3118P	15 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3118PD	18 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3118T	15 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3118TD	18 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3136P	20 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3136PD	22 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3136PL	20 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3136T	20 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3136TD	22 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3158P	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3158PD	27 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3158PL	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3158T	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3158TD	27 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3218P	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3218PD	27 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3218T	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3218TD	27 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3236P	43 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3236PD	45 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3236PL	43 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3236T	43 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3236TD	45 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3258P	53 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3258PD	55 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3258PL	53 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3258T	53 W	LED	\	A ÷ A++	LED - Not replaceable
GWS3258TD	55 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4001GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4001GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4001GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4002GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4002GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4002GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4003GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4003GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4003GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4004GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4004GE	28 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4004GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4004GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4005GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4005GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4005GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4006GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4006GR	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4006GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4011GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4011GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4011GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4012GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4012GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4012GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4013GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4013GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4013GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4014GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4014GE	53 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4014GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4014GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4015GD	51 W	LED	\	A ÷ A++	LED - Not replaceable

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS4015GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4015GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4016GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4016GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4016GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4021GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4021GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4021GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4022GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4022GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4022GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4023GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4023GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4023GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4024GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4024GE	53 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4024GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4024GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4025GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4025GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4025GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4026GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4026GR	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4026GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4031GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4031GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4031GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4032GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4032GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4032GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4033GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4033GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4033GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4034GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4034GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4034GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4035GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4035GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4035GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4036GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4036GR	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4036GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4041GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4041GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4041GS	97 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4042GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4042GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4042GS	97 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4043GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4043GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4043GS	97 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4044GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4044GE	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4044GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4044GS	97 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4045GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4045GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4045GS	97 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4046GD	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4046GR	100 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4046GS	97 W	LED	\	A ÷ A++	LED - Not replaceable

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS4051GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4051GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4051GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4052GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4052GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4052GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4053GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4053GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4053GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4054GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4054GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4054GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4055GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4055GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4055GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4056GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4056GR	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4056GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4061GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4061GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4061GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4062GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4062GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4062GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4063GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4063GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4063GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4064GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4064GE	197 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4064GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4064GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4065GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4065GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4065GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4066GD	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4066GR	203 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4066GS	194 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4071GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4071GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4071GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4072GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4072GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4072GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4073GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4073GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4073GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4074GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4074GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4074GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4075GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4075GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4075GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4076GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4076GR	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4076GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4101BD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4101BS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4101GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4101GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4102GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4102GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4103BD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4103BS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4103GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4103GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4104BD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4104BS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4104GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4104GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4105BD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4105BS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4105GD	26 W	LED	\	A ÷ A++	LED - Not replaceable

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS4105GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4106GD	26 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4106GS	25 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4111BD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4111BS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4111GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4111GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4112GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4112GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4113BD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4113BS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4113GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4113GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4114BD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4114BS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4114GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4114GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4115BD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4115BS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4115GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4115GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4116GD	51 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4116GS	50 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4131BD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4131BS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4131GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4131GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4132GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4132GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4133BD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4133BS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4133GC	82 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4133GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4133GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4134BD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4134BS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4134GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4134GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4135BD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4135BS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4135GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4135GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4136GD	61 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4136GS	60 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4151BD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4151BS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4151GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4151GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4152GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4152GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4153BD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4153BS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4153GC	165 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4153GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4153GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4154BD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4154BS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4154GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4154GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4155BD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4155BS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4155GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4155GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4156GD	121 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4156GS	118 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4171GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4171GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4172GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4172GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4173GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4173GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4174GD	245 W	LED	\	A ÷ A++	LED - Not replaceable

Energy Labelling

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS4174GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4175GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4175GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4176GD	245 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4176GS	236 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4222GS	58 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4223GS	58 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4224GS	58 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4225GS	58 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4226GS	58 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4232GS	71 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4233GS	71 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4234GS	71 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4235GS	71 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4236GS	71 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4242GS	116 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4243GS	116W	LED	\	A ÷ A++	LED - Not replaceable
GWS4244GS	116 W	LED	\	A ÷ A++	LED - Not replaceable

Code	Power	Compatible lamps	Coupling	EEL Compatible light sources	EEL Lamp supplied, if replaceable
GWS4245GS	116 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4246GS	116 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4252GS	142 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4253GS	142 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4254GS	142 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4255GS	142 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4256GS	142 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4262GS	232 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4263GS	232 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4264GS	232 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4265GS	232 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4266GS	232 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4272GS	284 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4273GS	284 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4274GS	284 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4275GS	284 W	LED	\	A ÷ A++	LED - Not replaceable
GWS4276GS	284 W	LED	\	A ÷ A++	LED - Not replaceable

WARRANTY CONDITIONS FOR GEWISS PRODUCTS WITH LED TECHNOLOGY

1.
This warranty is provided by Gewiss S.p.A. (hereinafter "Gewiss") in favour of the purchasers (hereinafter "Purchasers" or, individually, the "Purchaser") of Gewiss lighting products with LED technology (hereinafter "Products" or, individually, the "Product"), subject to the condition that the Purchaser has bought the Products in new conditions, in their original package and complete of their handling instructions.

2.
This warranty does not affect, but it is in addition to the guarantee rights provided by law and by Gewiss general sales conditions, or contractually agreed between Gewiss and the Purchaser.

3.
This warranty covers the Product defects, which can be demonstrated to be determined by raw material defects, or by constructive or manufacturing defects, for the period indicated in the table below, starting from the date of purchase of the Product.

Product	Warranty period
Street lighting ranges: Street, Urban and Road	5 years
Smart[Pro] range	5 years
Smart[4] range	5 years
Smart[3] range	5 years
All other LED products	2 years

4.
Products shall not be considered defective when at least one of the situations indicated below occurs:
a) less than 20% malfunction LEDs in each Product,
b) a variation of the light flux up to 0,4%/1.000 working hours, that is considered to be conform to the state of the technology art;
c) a defect of the driver not exceeding the nominal failure rate, which is considered equal to 0,1%/1.000 working hours, at the average temperature of 25° C, increased of further 0,1%/1.000 working hours per each 10° C of average temperature, exceeding 25° C;
d) Product components subject to wear and tear (such as batteries) and parties subject to a natural aesthetic decay, which does not affect the functionality or the safety of use of the Product.

5.
Gewiss, if the Product falls within the scope of this warranty, shall choose – at its sole discretion – whether to refund the Purchaser of the purchase price of the Product, or to repair the Product, or replace it with a Product of equivalent price and equivalent performances.

6.
Gewiss, when it chooses to repair the Product, may use new or reconditioned parts, guaranteeing in this case that the substitutive components are equivalent to the substituted ones in terms of performance and reliability. Whatever it is the solution chosen by Gewiss, none of these options involves the change or extension of the original warranty term of validity, i.e. starting from the purchase date of the Product.

7.
The Purchaser, subject to forfeiture of the warranty, shall notify the existence of defects to Gewiss e-mail gestioneresi@gewiss.com no later than thirty days from the discovery of the defect, providing at the same time: (i) a document proving the purchase date (for example: purchase invoice) and (ii) the data indicated on the label of
the defected Product, including the production lot. Upon receipt of the notification and of the documents indicated above, Gewiss can ask the Purchaser to promptly return the Product directly to Gewiss, or to a sales point authorized by the same.

8.
In any case, the warranty does not apply when the defectiveness of the Product is determined by:
a) fire, Acts of God, vandalism, negligence, installation not properly set up or installation carried out by people not adequately qualified, use not allowed or use different than the purpose for which the Product was intended;
b) improper installation, wrong supply voltage and wrong wiring of the Products;
c) overcoming of the limits foreseen by Gewiss on the Products or packaging labels, on the instructions sheet or, if they are lacking, by the Regulations EN 60598 and EN 61547 concerning: overvoltage, voltage
fluctuations, included harmonic oscillations and fast transients, electrostatic discharges, injected power supplies, presence of radio frequency electromagnetic fields, magnetic fields at mains frequency, voltage pulses, dips and short voltage interruptions, induced mechanical vibrations, harmonic oscillations and
resonance associated with movements of air circulating around the Product, impacts, shocks, accelerations, aggressive atmospheres, temperature and its rapid changes, humidity, atmospheric pressure, presence of
water, presence of sand or dust, solar radiation, thermic irradiation, wind, ice or frost, hail, condensation, contact with chemicals, presence of flora, presence of fauna, presence of moulds, vandalism, inadequate storage or transport conditions, or in any case, any other environmental condition, mechanical, electrical or thermal not expressly permitted;
d) improper or inadequate maintenance, if allowed or prescribed by Gewiss, or maintenance performed by a person not adequately qualified;
e) Product modification or repair performed by the Purchaser or by its delegate, without the express written consent by Gewiss.
With reference to the situations mentioned above, the Purchaser, upon Gewiss request, shall provide appropriate and complete proof about the proper use, the proper installation and maintenance of the Product, such as about the environmental and the installation context of the same.

9.
The warranty does not cover the costs incurred for the elimination of the defects, including – by way of indication only – the costs of disassembly and assembly, transportation or shipping costs of the defective or repaired Product, the rental costs of any lifting device.

10.
Except to the binding extent required by Law and with the exclusion of wilful misconduct and gross negligence, in no event Gewiss shall be liable for damages resulting from any breach, as well as from any direct or indirect damages caused by faults or defects of the Products, or by their malfunction such as by repairs or replacements,
among which, by way of example, loss of profits, lack of savings, loss of reputation, loss of goodwill, block of plants in which the Products are destined to work. In any case, Gewiss liability shall not exceed the purchase price of the defective Product.

11.
Gewiss reserves the right to modify these warranty conditions at any time, by publishing the new terms on its website www.gewiss.com and on its catalogues.

12.
This warranty is valid for Products purchased starting from the date below.

Effective date: November 1st, 2016

General sales conditions

1. DEFINITIONS

1.1 In these General Sales Conditions the terms hereunder have the meaning as specified for each one of them:
a) "GEWISS": the company GEWISS S.p.A.;
b) "PURCHASER": the subject, natural person or legal entity requesting the purchase of GEWISS products;
c) "PARTY" or "PARTIES": GEWISS and the PURCHASER individually or jointly considered;
d) "ORDER" or "ORDERS": the purchase order or orders issued by the PURCHASER to GEWISS;
e) "PRODUCTS": all the products offered by GEWISS and described in catalogues, drawings, technical sheets or its brochures;
f) "GENERAL CONDITIONS": the general sales conditions hereunder.

2. SCOPE OF APPLICATION

2.1 The GENERAL CONDITIONS apply to all sales made between GEWISS and the PURCHASER whose subject matter is the PRODUCTS. As of 01.01.2017 these GENERAL CONDITIONS replace GEWISS' previous general sales conditions.
2.2 The PURCHASER cannot demand or take exception to conditions other than those contained in the GENERAL CONDITIONS. Therefore, any conditions set out in writing by the PURCHASER on the ORDER shall not be valid, or those in any other phase of the contractual negotiations as well as after the acceptance or knowledge of the GENERAL CONDITIONS, as well as any general purchasing conditions of the PURCHASER. To this end, the performance, even partial, of the ORDER by GEWISS or fulfilment of any other obligation in terms of the PURCHASER are not valid and cannot be interpreted as tacit or implicit acceptance of any general condition which has not been explicitly signed by GEWISS.
2.3 The GENERAL CONDITIONS are only valid for contractual relationships between GEWISS and professional operators, thus the Italian Legislative Decree no. 206 of 6th September 2005 (Consumer Law) is not applicable.
2.4 In the event of differences, unless otherwise agreed in writing between the PARTIES (for example in the sales conditions letter or in a specific contract) these GENERAL CONDITIONS shall have precedence.

3. PROCEDURE FOR FINALISING THE SALES CONTRACT

3.1 The ORDER sent by the PURCHASER to GEWISS constitutes an irrevocable contractual proposal which is binding for 30 days from the time GEWISS learns of it.
3.2 Within this 30 days period GEWISS, at its sole discretion, reserves the right to accept the ORDER or not, and notify the PURCHASER of its decision.
3.3 The sales contract shall be considered finalised following acceptance pursuant to the previous point or with the performance of the ORDER by GEWISS; in this case, the PURCHASER cannot cancel the ORDER without previous written approval from GEWISS and he cannot refuse the ordered PRODUCTS. Up to the time of finalising of the sales contract under the above conditions, offers and estimates made by GEWISS or its agents, representatives and assistants, shall not be binding for GEWISS.
3.4 In the event that the ORDER confirmation from GEWISS differs from the ORDER sent by the PURCHASER, for example but not limited to, the quantity of PRODUCTS, prices, discounts and delivery terms, such confirmation shall be considered as a counterproposal from GEWISS, and must be expressly accepted by the PURCHASER, for the contract to be considered finalised.
3.5 In any case, it is hereby understood that any oral agreement with the PURCHASER related to the sale shall not be binding for GEWISS unless confirmed in writing by GEWISS.
3.6 In the event that the ORDER is cancelled by the PURCHASER before it is accepted or performed by GEWISS, GEWISS may ask the buyer to reimburse any expenses or charges incurred to perform the ORDER or part of it as well as compensation for any sustained damages.

4. PRICES

4.1 The prices indicated in GEWISS catalogues and price lists are considered VAT excluded for goods delivered EXW Incoterms® 2010 (ex works) of GEWISS, transportation, insurance, packing and assistance expenses excluded.
4.2 Such prices are merely given as a guideline and are not binding on GEWISS in any way, who reserves the right to make changes to the same proportionate to increases in labour, raw material and other cost items and for other causes which occur during the catalogue/price list validity period.

5. DELIVERIES

5.1 Unless otherwise agreed between the PARTIES, the PRODUCTS ARE delivered to the PURCHASER or third party assigned by the PURCHASER as per EXW Incoterms® 2010 (ex works) at GEWISS warehouse.
5.2 The delivery conditions indicated in the Order or order confirmation are not binding for Gewiss.
5.3 GEWISS is not liable for any indemnity or claim for compensation against GEWISS for direct or indirect damages due to delays or partial dispatch of the deliveries, as long as not attributable to fraud or gross negligence by GEWISS.
5.4 In the event that performance of the ORDER is obstructed by the occurrence of force majeure events, lack of regular raw material supplies or sub-supplies or other unpredictable circumstances occurring when the contract is finalised, the delivery dates shall be considered extended, without GEWISS being held liable for the delay and new dates shall be established by the PARTIES. The PURCHASER shall not have the right to refuse the delivery of the PRODUCT.
5.5 If, once the PRODUCTS are ready for shipping to the PURCHASER, and delivery is not made due to circumstances not attributable to GEWISS or due to force majeure, the delivery shall be considered performed for all extents and purposes with a simple notice of goods ready for picking-up to be notified to the PURCHASER by registered letter, fax or e-mail. From the day after sending the above notice, GEWISS shall be due in addition to the agreed upon price, a fee for storage at GEWISS' warehouse totalling 2% of the amount on the invoice for each entire week of delay; in the event of a delay less than a week the percentage shall be calculated in proportion to the days of delay. All risks related to the goods storage period at GEWISS' warehouse are the sole responsibility of the PURCHASER. If the PURCHASER'S refusal to receive the goods lasts for more than 30 days from the notice of goods ready for picking-up, GEWISS shall be entitled to terminate the sale contract and claim for compensation of damages.

6. RISKS

6.1 The risks of the delivery of the PRODUCTS are regulated by Incoterms® 2010 terms which are agreed by the PARTIES.
6.2 The PURCHASER, at the time of receiving the PRODUCTS, must always, in their own interest, check the quantity and conditions before the acceptance and notify the carrier of any damage immediately and in writing. Otherwise, every dispute related to the quantity and conditions of the packed and delivered PRODUCTS shall be refused.

7.QUANTITY AND PACKING

7.1 The ORDERS must comply with the minimum packing quantities. In the event of ORDERS for lower quantities GEWISS reserves the right to charge the PURCHASER, subject to notification, the lump sum of 5 EUR for each line of bulk PRODUCT ORDER.
7.2 Standard packing are considered included in the sales price, while the costs for any non-standard packing, unless otherwise established between the PARTIES, shall be charged by GEWISS to the PURCHASER.

8. COMPLIANCE WITH PRODUCT STANDARDS

8.1 GEWISS guarantees that all PRODUCTS, which fall under the scope of application of European Directives and Regulations, comply with the essentials requirements set out in them, in order to be put on the market and ordered in European Union. Compliance with the Directives and Regulations is indicated by affixing of the graphic symbol "CE".
8.2 The exportation in some UE or extra UE Countries can be forbidden or require specific documents, mark o certification. The PURCHASE shall contact GEWISS for the relevant information.

9. MODIFICATIONS TO PRODUCTS

9.1 The indications, measurements, drawings and images of the PRODUCTS and related components present in GEWISS catalogues, brochures and websites, and in general all GEWISS technical and informational documentation are given as a guideline and example and are not binding in any way.
9.2 GEWISS, at any time and with no obligation for prior notice, reserves the right to make all of the modifications that it, at its sole discretion, feels opportune for improving the PRODUCT features and performance as well as to meet its own technological and production needs.
9.3 The quality and certification marks mentioned on GEWISS paper material shall be considered in force at the date of the printing of the documents. The updated list of marks is available on the site www.gewiss.com or through the Technical Assistance Service. The updated certification list is available on www.gewiss.com or upon request to the Technical Assistance Service.

10. QUALITY, WARRANTIES AND COMPLAINTS

10.1 All of the PRODUCTS have the qualities necessary for the normal uses for which they are intended, as shown in the technical documentation in effect at the time of sale, which the PURCHASER declares to know and accept. In addition, the PRODUCTS are covered by warranty for their correct operation and warranty for design and manufacturing faults and/or defects for a period of 24 months from the delivery date, with the exception of normal wear and tear parts. Once this period has elapsed the warranty becomes null and void, even if the PRODUCTS have not be put into operation for any reason.
10.2 The warranty is effective as long as the malfunctioning, faults and/or defects are not the result of: assembly or installation errors, failure to comply with or incorrect compliance with the technical specifications contained in the GEWISS catalogue or on any instruction sheets, failure to perform or incorrect maintenance, natural wear and tear, faults caused by inexperience or negligence, poor storage conditions, failure to immediately adopt measures to limit any malfunctions, overloading compared to the limits in the technical instruction, unauthorised intervention, tampering by or requested by the PURCHASER or others, fortuitous event or force majeure. Moreover, the warranty is not effective in case of malfunctioning of the software installed on the PRODUCT, due to overloading, interruption and/or suspension of electric energy.
10.3 Any complaint due to quality defects, failure to operate

or faulty operation or design and manufacturing faults and/or defects of the PRODUCTS must be notified to GEWISS in writing, subject to forfeiture of the warranty:
- within 8 days from delivery of the PRODUCTS in the event of clear faults and/or defects;
- within 8 days from discovery of the faults and/or defects becoming evident following delivery but within two years from the delivery.

10.4 For the complaint to be accepted, the PURCHASER is required to prove in writing the validity of the warranty, the correct storage and installation of the PRODUCT, and to supply GEWISS with adequate documentation proving the FAULTS/DEFECTS.
10.5 The warranty is limited, up to the sole discretion of GEWISS, to replacement of the defective PRODUCTS or components (both with identical or similar products) or by repairing the defective PRODUCTS or components. In any case the accessory expenses of the replacement or repair are excluded from the warranty.
10.6 Both in the case of replacement and repair of the defective PRODUCTS the original warranty period will continue and shall not be considered renewed.
10.7 GEWISS shall not be held liable for any additional warranty obligation, including implicit, resulting from laws, whether statutory or not, in favour of the PURCHASER, including implicit warranties for non-compliance, non-saleable defects and the suitability of the PRODUCTS for a special use.

11. LIABILITY

11.1 Without prejudice to mandatory limits set by law and with the exclusion of fraud and gross negligence, GEWISS shall not be liablefor damages resulting from any non-fulfilment, as well as direct and/or indirect damages resulting from PRODUCT faults or defects, their malfunctioning or from repairs or replacements, by means of example and not limited to, loss of profit, loss of savings, loss of reputation, loss of goodwill and interruption of plants where the PRODUCTS are intended to be used.
11.2 GEWISS shall not be held liable for PRODUCTS sold and/or installed in Countries where there are regulations which do not allow their use, for uses which they are not intended or for installations and uses not in compliance with the PRODUCTS technical specifications indicated in the catalogues and instruction handbooks in effect at the time of the sale.
11.3 In the event of revision of the technical specifications and instruction handbook for PRODUCTS already delivered and/or installed during the warranty period, the PURCHASER shall not be covered under warranty for correct operation according to the new technical specifications.
11.4 The PURCHASER agrees to establish in all contracts regarding the PRODUCTS a clause limiting GEWISS' liability substantially identical to that envisaged by this article, assuming the complete and sole liability for the additional movement of PRODUCTS supplied by GEWISS.

12. RETURNS

12.1 Return of the PRODUCTS is not allowed without prior written authorisation from GEWISS, without which the goods shall be delivered again to the PURCHASER at the PURCHASER expenses and risks.
12.2 In the event of authorised return, the PRODUCTS shall be returned carriage paid at the expense and risk of the PURCHASER to GEWISS warehouses, within the term indicated by GEWISS. The PURCHASER shall be credited for the purchase price of the PRODUCTS, minus a minimum amount of 15% for administrative expenses. However, GEWISS reserves the right not to accept the return or to apply a higher percentage for administrative expenses if the goods are returned after the period indicated above.
12.3 In any case, the return of PRODUCTS not present in the catalogue in effect at the time of the request to return or for which significant changes have been made to the technical specifications is prohibited.

13. PAYMENT OF THE PRICE

13.1 Payments shall be made in compliance with the "Supply Conditions" in the GEWISS catalogue in effect or according to what is otherwise agreed between the PARTIES in writing.
13.2 The delay, even partial of the payment of the invoices beyond their due date shall cause the immediate charging of interest in accordance with the legal measures in force, in addition to debiting of any bank expenses and fees.
13.3 Failure to pay for any reason, as well as failure to fulfil any other obligation by the PURCHASER authorises GEWISS to suspend the sales and related deliveries, as well as demand payment for the entire amount due, without prejudice to its right to withdraw from the ORDER being performed.
13.4 GEWISS also reserves the right to suspend supplies in the event of a significant modification in the PURCHASER'S economic situation, by means of example but not limited to, receivership, settlement with creditors, bankruptcy, transfer of the business, or serious financial difficulty.
13.5 Possible collection expenses or stamp duty for payments received by bank transfer or other forms of payment are at the PURCHASER charge.
13.6 Any discount agreed upon in writing between the PARTIES, is subject to complete compliance with payment due dates. Failure to pay within the agreed due dates shall result in forfeiture of the discount and the PURCHASER who unduly withheld it is obligated to reimburse it.
13.7 Any complaint from the PURCHASER including for late delivery of incomplete supply, shall not give the PURCHASER the right to suspend or delay payment.
13.8 The PURCHASER cannot claim any non-fulfilment of GEWISS', nor claim the warranty as per article 10 above, if not up to date with payments.

14. INTELLECTUAL PROPERTY

14.1 GEWISS shall remain the sole owner of the patents, drawings, designs and anything else used to create the PRODUCTS, which, therefore, the PURCHASER agrees not the give to third parties, reproduce or use, without prior authorization of GEWISS. If the creation of the PRODUCTS is performed by GEWISS based on specific request and technical documentation of the PURCHASER, GEWISS shall not be held liable for the violation of industrial property rights by third parties, which shall be the sole responsibility of the PURCHASER, who agrees to guarantee and indemnify and hold GEWISS harmless from any claims made against it.
14.2 The PURCHASER agrees to use GEWISS trademarks solely for the purposes of identifying, advertising and selling the PRODUCTS, refraining from registering them of having them registered without prior written approval from GEWISS.
14.3 The Purchaser is prevented from registering "gewiss" as domain name as well as any domain which contains words which look like or recall GEWISS.
14.4 Possible links to GEWISS' website and the publication on the PURCHASER's website of contents which refer to GEWISS shall be authorized in writing by the latter beforehand.

15. CONFIDENTIALITY OBLIGATION

15.1 The sales commercial conditions, particularly regarding the budget, incentive and discount conditions, as well as all other documentation or information classified by GEWISS as confidential, have a strictly confidential nature, therefore, the PURCHASER agrees not to divulge them or communicate them to third parties, nor to use them for purposes other than the finalising and performance of this sales contract, for the period of 5 years after performance of the ORDER.
15.2 GEWISS reserves the right to pursue, including legally, any violations of the aforesaid confidentiality obligation.

16. PRIVACY

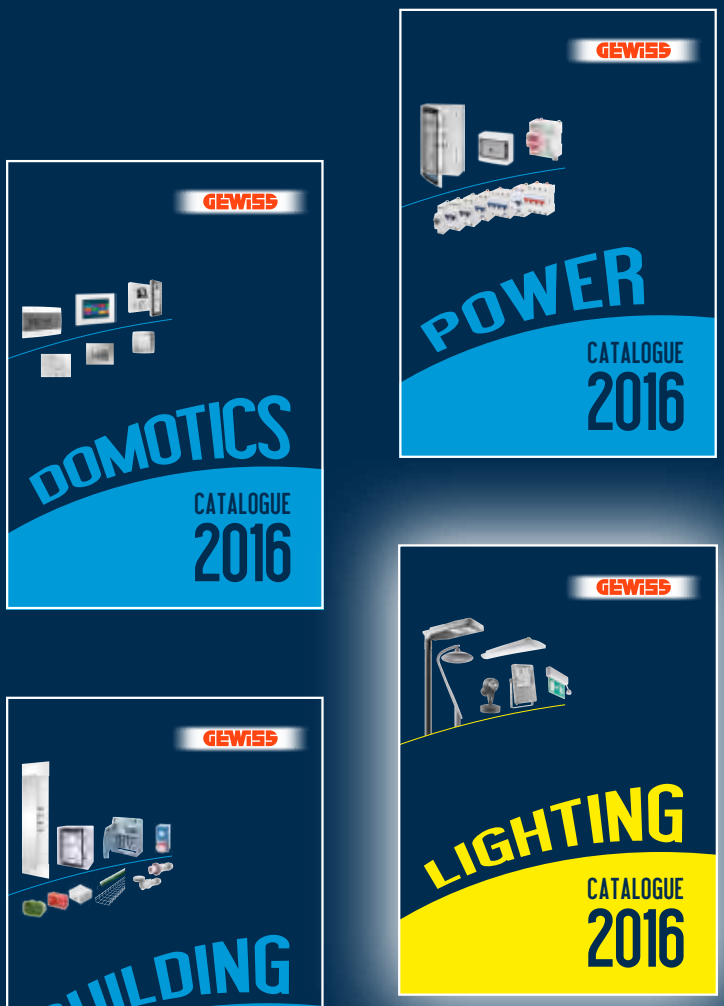
16.1 GEWISS agrees to collect and process the personal data it may learn of in compliance with the Italian Legislative Decree 196/2003, with the purposes connected to performing this contract and to fulfil all legal requirements including of a tax or accounting nature. The information is available on the website www.gewiss.com.

17. GEWISS CODE OF ETHICS AND ORGANIZATION, MANAGEMENT AND CONTROL MODEL - ANTI-CORRUPTION POLICY

17.1 The commercial relations governed by the GENERAL CONDITIONS are based on the principles of legality, transparency, correctness and fairness, in accordance with the contents of the Code of Ethics, the Organisation Management and Control Framework adopted by GEWISS and with the principles of the Anti-Corruption Policy available on the website www.gewiss.com. Any notifications about the violation of the aforesaid Framework may be sent using the "notification procedure" available on the website, to the e-mail address ia-odv@gewiss.com.
17.2 If, behaviours are adopted which do not comply with the aforesaid principles, GEWISS shall be entitled to take opportune measures, including cancellation of the ORDERS and request compensation for damages.

18. APPLICABLE LAW, COURT AND LANGUAGE

18.1 All sales contracts finalised by GEWISS, regardless of the PURCHASER'S nationality and place of destination of the PRODUCTS, are governed by Italian laws.
18.2 Application of the Vienna Convention on contracts for the international sale of goods of 11 April 1980 remains expressly excluded, as well as other statutory Conventions concerning international sales and governing conflicts between laws.
18.3 Any dispute arising between the PARTIES shall be submitted to the Italian court and solely to the Court of GEWISS' registered office, without prejudice to GEWISS' right to act at the PURCHASER'S address.
18.4 If these GENERAL CONDITIONS are drafted in more than one language, in case of conflicts, the text in Italian shall be decisive.



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