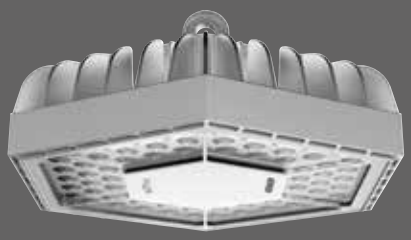


ESALITE

The new form of light

GEWISS

Ed. 01
2018

ESALITE
THE NEW FORM OF LIGHT

GEWISS launches ESALITE - a new product in the technical LED range of industrial lighting.
Long-lasting reliability and top performance are the fundamental features of this high bay, designed for both outdoor and indoor contexts. In addition, streamlined geometry and a multitude of uses make it ideal as either a floodlight or a pole-mounted light. Excellent performance combined with many high quality features make ESALITE the perfect blend of technology and design, even for the most extreme applications. An idea of perfection. An object that takes a simple idea of form to produce something practical and real. Engineering perfection and a vocation for innovation – that's why ESALITE is GEWISS' version of the ideal light. A patented design, 100% made in Italy.

VERSATILE

Over 350 versions. Seven different luminous fluxes (3K, 6K, 12K, 16K, 20K, 24K, 48K), four optics (30°,60°,90°, elliptical), three colour temperatures (3000K, 4000K, 5700K), three configurations (suspension, wall, ground), two finishes (grey, BlueGreen).

ERGONOMIC

A small pole encloses the real innovation of ESALITE, handy to move and easy to install. Once the device has been positioned in fact, the cardan joint allows it to be moved and orientated with just one touch. A single hexagonal screw orientates it on two Cartesian axes. ESALITE is hard to remove or vandalise, and it's ideal for a variety of application needs.

DESIGN

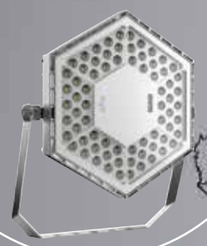
Special metallic finishes that are unique on the industrial market. The painted grey that characterises the standard ESALITE is highly resistant to dust; it's a design touch that not only finishes off the product but also protects it against external agents, ensuring a long lifespan.
BlueGreen is an immediately recognisable GEWISS colour for a product that offers security. A unique colour that is designed for outdoor settings, blending in perfectly with external environments such as parks and gardens.

MADE IN ITALY

An all-Italian product designed with both the head and the heart. A pioneering development from a company with the highest quality standards. ESALITE is an innovative device designed to be potentially indestructible, with a very long lifespan. An eco-friendly product, able to fully and tangibly optimise the efficiency of existing production systems. An example of visionary innovation, exceeding the standards of the regulations, thanks to GEWISS' policy of continual improvement.

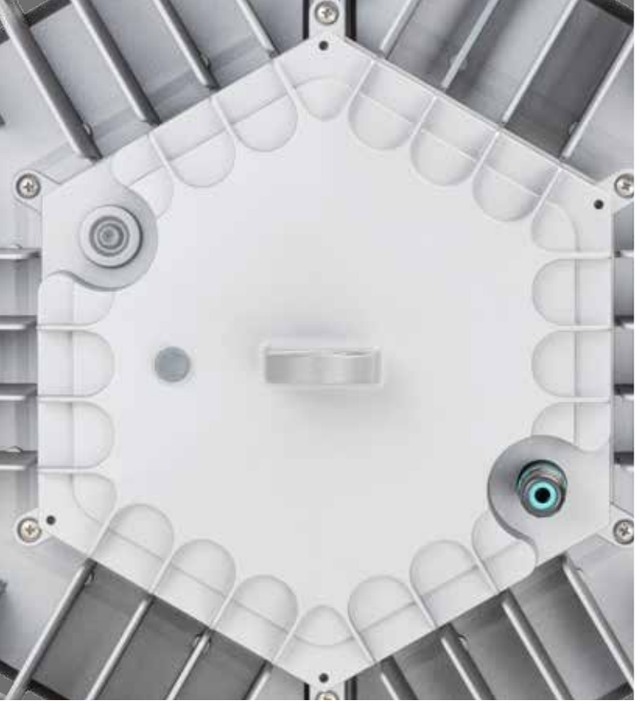
ESALITE HB
24K

ESALITE FL
12K



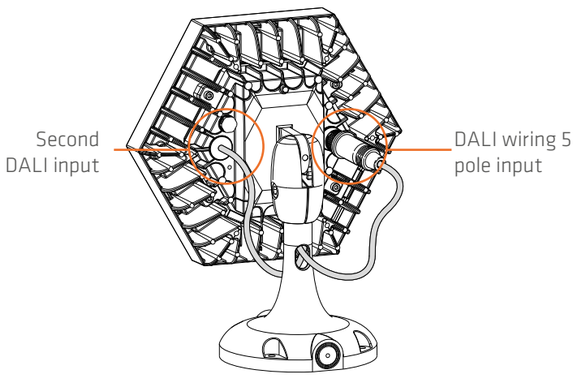
ESALITE PL
BlueGreen
3K – 6K

ESALITE HB
16K – 20K



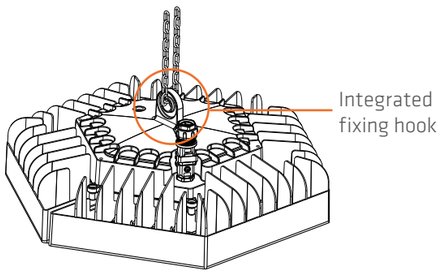
Extreme versatility

Apart from standard wiring with a 5-pole input, ESALITE can be supplied with a **second input (230V and DALI)**, thanks to a specific pre-arrangement on the back of the heat sink. This option makes ESALITE **flexible and suitable for installation in any type of old or new electrical lighting system.**



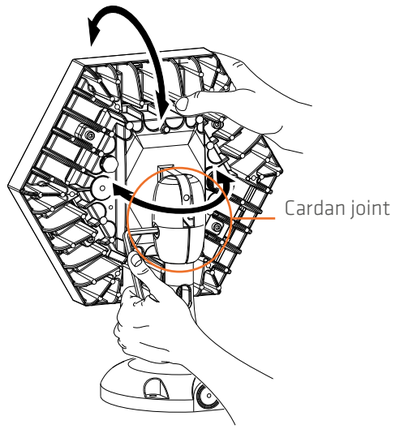
Exceptional robustness

To ensure optimum robustness, ESALITE is designed with a fixing ring **integrated into the die-cast form**. This ensures **exceptional fixing speeds**, even in extreme environments where manageability and quick installation are fundamental.



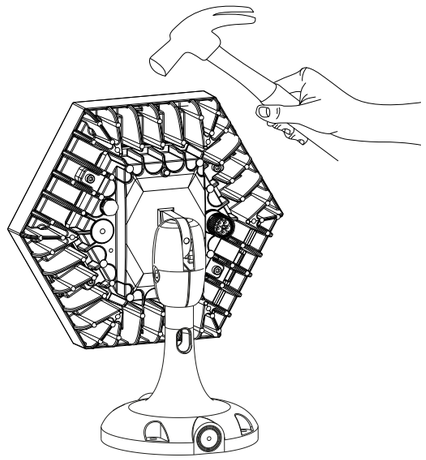
Quick installation

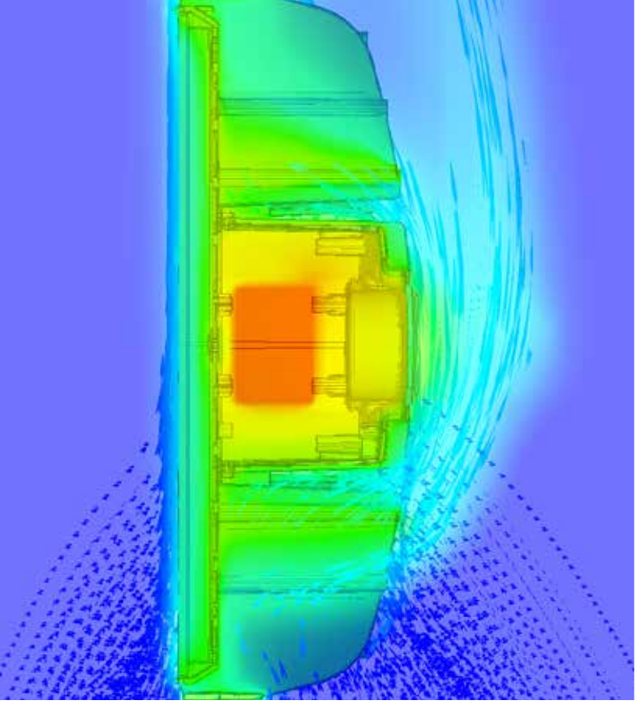
An innovative, patented cardan joint allows the device to be moved and **orientated with just one touch**. A **single screw** with a square self-locking nut orientates it on two Cartesian axes, with a **closure system with teeth to ensure it's fully tightened**. Thanks to the cardan joint, ESALITE can be installed and directed with precision and ease.

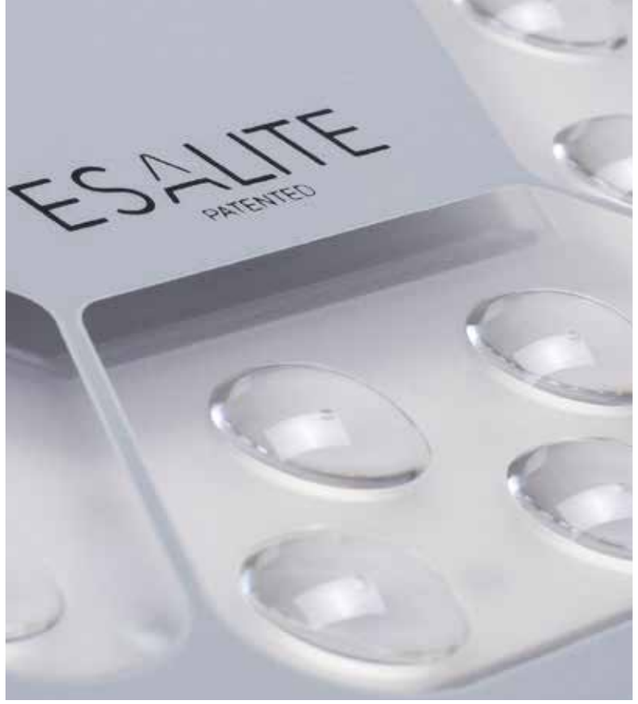


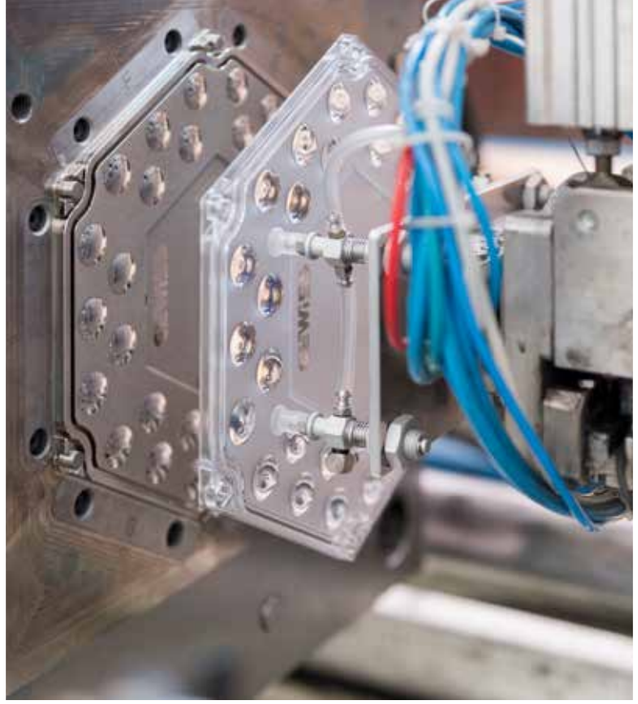
Optimum performance

ESALITE started out as an industrial product with a potential for retail and for city enhancement. Designed and built **to meet European and International regulations,**the fitting features build details that ensure it is long lasting. With an IP66 degree of protection, it is resistant to dust and humidity, while the IK08 **tempered glass** ensures resistance to impact and vandalism. With all these characteristics, it can be used both **indoors** and **outdoors**.



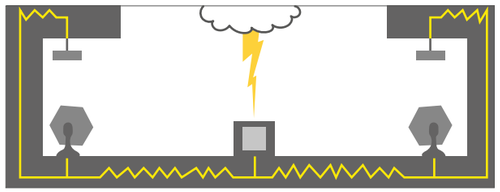






100,000-hour lifespan

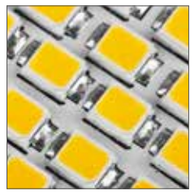
The **die-cast aluminium structure** guarantees optimum performance thanks to specific thermal dimensioning tests. The appropriate heat dispersal within the ESALITE fitting is provided with a special passive heat sink containing very low copper levels, ensuring it is a high performance fitting. Tempered glass andan industrial DALI driver make ESALITE long-lasting over time.
One of the key strengths of ESALITE is the **protection provided against overvoltages of >6kV**. Features such as CLO parameter programming, temperature thresholds, dimmer management, and its compatibility with DC-powered centralised UPS emergency systems make ESALITE incredibly flexible, with a **guaranteed lifetime of L80B10 >100,000h**.



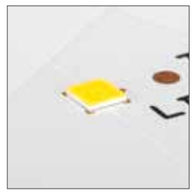
Influence of electrical loading and lightning strikes

DALI and efficiency up to 145 lumen/watt

All products in the ESALITE range include **CSP (Chip Scale Package) LEDs**. The **absence of a package** and the application of an aluminium PCB deliver **higher performance**, lower consumption levels, and a **longer product lifespan**. The entire ESALITE range is **DALI,** controlled and compatible with new DALI2 versions. The luminous flux can be customised on request thanks to driver programming, and with the use of DALI dimming **product efficiency can reach 145lm/w**.



SMD LED
Market reference



CSP LED
GEWISS

High quality guaranteed for 5 years

An in-depth design study enabled the development of systems that guarantee **maximum reliability** in any application context.
The result is a solution that can be technically adapted to any project to ensure top **quality and innovation**. The careful selection of the latest LEDs and drivers with the most efficient performance, combined with the design of the innovative dissipation system with low copper levels, means GEWISS guarantees the entire ESALITE range for 5 years.

5 YEARS WARRANTY

Tested to excel

GEWISS laboratories are certified by **IMQ** (Italian Quality Mark Institute) and have earned the **CTF2** (Customers Testing Facilities) qualification from leading international standards bodies. It is in these laboratories that ESALITE has been put to the toughest tests to certify the resistance properties of the product to saline mist, QUV, IP, IK, heating, and wear and tear. ESALITE is certified by the **EC** mark (in conformity with European Union directives LVD 2014/35/EU – EMC 2014/30/EU – ERP 2009/125/EC), and the **ENEC** (European Norms Electrical Certification) mark.
For sports applications, ESALITE is **DIN 18032-3** certified, which guarantees its safety against ball impact.

CE

EC marking

ENEC

ENEC marking

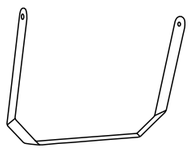
Testato secondo DIN 18032-3

DIN 18032-3

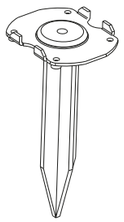
Installation systems

Mechanical

Bracket



Ground spike



Suspension kit

Chain coil

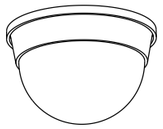
\+

Snap hook

S hook

Electrical

PIR sensor



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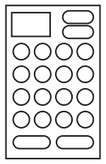
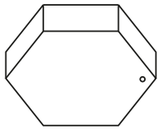
Remote control

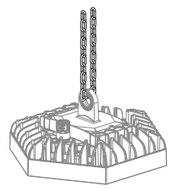


Emergency kit



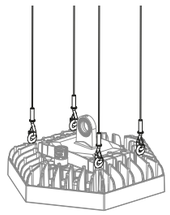
Installation

Chain



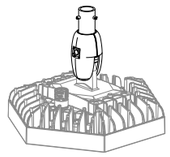
6K · 12K · 16K
20K · 24K · 48k

Eyebolt suspensions



6K · 12K · 16K
20K · 24K · 48k

Conduit

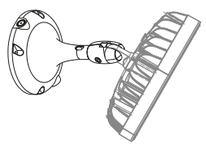


6K · 12K
16K · 20K

Busway

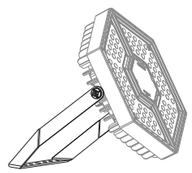
6K · 12K · 16K
20K · 24K

Small pole



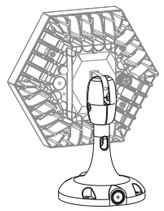
3K · 6K · 12K
16K · 20K

Bracket



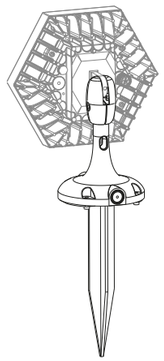
12K · 16K
20K · 24K

Small pole



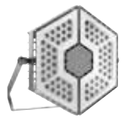
3K · 6K · 12K
16K · 20K

Small pole with spike



3K · 6K · 12K
16K · 20K

Technical data

	3K	6K	12K	16K	20K	24K	48K
 Suspension high bay		✔	✔	✔	✔	✔	✔
 BlueGreen architectural floodlight	✔	✔	✔	✔	✔		
 Architectural floodlight	✔	✔	✔	✔	✔		
 Floodlight with bracket			✔	✔	✔	✔	
Size	Data available from January 2019	25 x 29cm	37 x 43cm	37 x 43cm	37 x 43cm	47 x 53cm	54 x 98cm
Insulation class		CL1					
Degree of protection		IP55 (lens) or IP66 (glass)					
Impact resistance		IK06 (lens) or IK08 (glass)					
Optics		30° - 60° - 90° - ELLIPTICAL					
System power		52W	112W	125W	148W	210W	420W
Lumen output		Up to 6.7Klm	Up to 13.7Klm	Up to 15.6Klm	Up to 18.2Klm	Up to 25.6Klm	Up to 51.3Klm
Colour temperature		3000K – 4000K – 5700K					
CRI		80					
Operating temperature		-30°C to +50°C					
Supply voltage		220-240V 50/60Hz - DALI					
LED		CSP					
LIFESPAN		L80B10 > 100,000h					
Overvoltage protection		>6kV					
Weight (high bay versions)		3 kg	7.5 kg	7.5 kg	7.5 kg	11 kg	22.5 kg
Headwind (bracket versions)			0.13 m²	0.13 m²	0.13 m²	0.20 m²	

The technical characteristics may undergo variations linked to technological evolution.

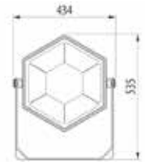
✔ Configuration available

ESALITE FL - 12K

IP 66 | IK 08 | DALI | 0,130 m²

ESALITE FL – 12K – FLOODLIGHT VERSION, WITH GLASS

GW S6 422 GD



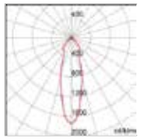
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

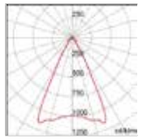
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

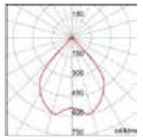
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 422 GD	30°	4000 K (CRI 80)	112W	15000	11600	1
GW S6 423 GD	60°	4000 K (CRI 80)	112W	15000	11900	1
GW S6 424 GD	90°	4000 K (CRI 80)	112W	15000	12700	1
GW S6 425 GD	Elliptical	4000 K (CRI 80)	112W	15000	11900	1

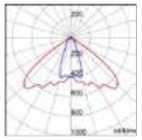
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic

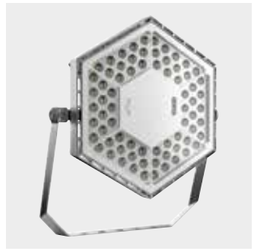

90° optic


Elliptical optic

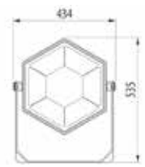
ESALITE FL - 16K

IP 66 | IK 08 | DALI | 0,130 m²

ESALITE FL – 16K – FLOODLIGHT VERSION, WITH GLASS



GW S6 432 GD



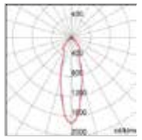
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

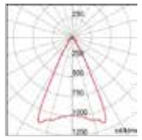
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

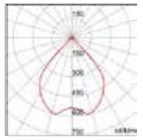
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 432 GD	30°	4000 K (CRI 80)	125W	17000	13300	1
GW S6 433 GD	60°	4000 K (CRI 80)	125W	17000	13600	1
GW S6 434 GD	90°	4000 K (CRI 80)	125W	17000	14400	1
GW S6 435 GD	Elliptical	4000 K (CRI 80)	125W	17000	13600	1

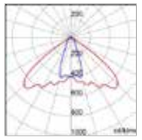
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic

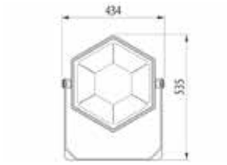

Elliptical optic

ESALITE FL - 20K

IP 66 | IK 08 | DALI | 0,130 m²

ESALITE FL – 20K – FLOODLIGHT VERSION, WITH GLASS

GW S6 442 GD



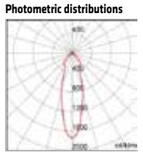
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

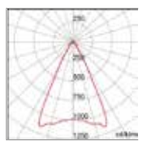
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

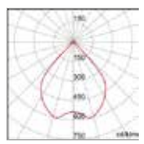
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 442 GD	30°	4000 K (CRI 80)	148W	20000	15500	1
GW S6 443 GD	60°	4000 K (CRI 80)	148W	20000	15800	1
GW S6 444 GD	90°	4000 K (CRI 80)	148W	20000	16800	1
GW S6 445 GD	Elliptical	4000 K (CRI 80)	148W	20000	15800	1

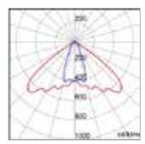
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic

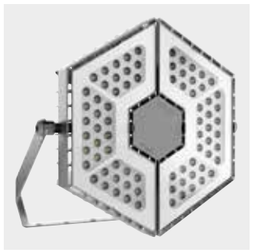

90° optic


Elliptical optic

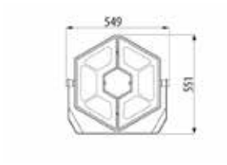
ESALITE FL - 24K

IP 66 | IK 08 | DALI | 0,200 m²

ESALITE FL – 24K – FLOODLIGHT VERSION, WITH GLASS



GW S6 452 GD



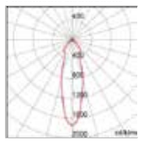
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

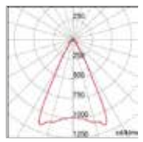
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

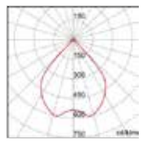
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 452 GD	30°	4000 K (CRI 80)	210W	29000	21700	1
GW S6 453 GD	60°	4000 K (CRI 80)	210W	29000	22200	1
GW S6 454 GD	90°	4000 K (CRI 80)	210W	29000	23600	1
GW S6 455 GD	Elliptical	4000 K (CRI 80)	210W	29000	22200	1

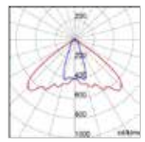
NOTES: version complete with 2 DALI drivers (2 distinct addresses). Supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic

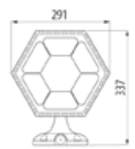

Elliptical optic

ESALITE PL - 6K

IP 66 | IK 08 | DALI

ESALITE PL – 6K – ARCHITECTURAL VERSIONS, WITH GLASS

GW S6 512 GD



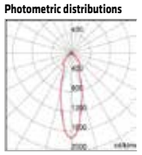
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

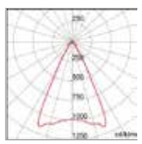
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

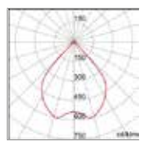
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 512 GD	30°	4000 K (CRI 80)	52W	7200	5700	1
GW S6 513 GD	60°	4000 K (CRI 80)	52W	7200	5800	1
GW S6 514 GD	90°	4000 K (CRI 80)	52W	7200	6200	1
GW S6 515 GD	Elliptical	4000 K (CRI 80)	52W	7200	5800	1

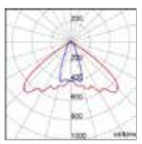
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

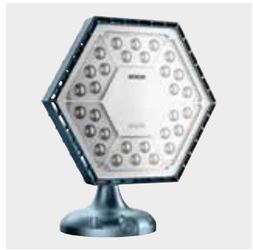
Photometric distributions


30° optic

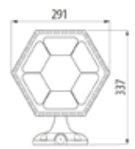

60° optic


90° optic


Elliptical optic



GW S6 512 BD



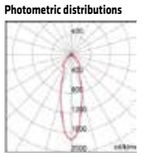
LED VERSIONS – BLUEGREEN – IP66 – CLASS I – DALI DRIVER

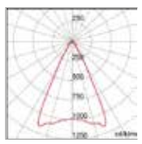
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

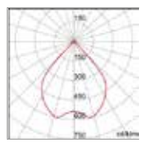
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 512 BD	30°	4000 K (CRI 80)	52W	7200	5700	1
GW S6 513 BD	60°	4000 K (CRI 80)	52W	7200	5800	1
GW S6 514 BD	90°	4000 K (CRI 80)	52W	7200	6200	1
GW S6 515 BD	Elliptical	4000 K (CRI 80)	52W	7200	5800	1

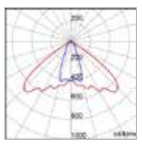
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

ESALITE PL - 12K

IP 66 | IK 08 | DALI

ESALITE PL – 12K – ARCHITECTURAL VERSIONS, WITH GLASS

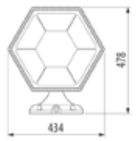
GW S6 522 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

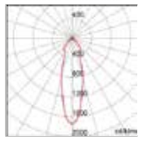
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 522 GD	30°	4000 K (CRI 80)	112W	15000	11600	1
GW S6 523 GD	60°	4000 K (CRI 80)	112W	15000	11900	1
GW S6 524 GD	90°	4000 K (CRI 80)	112W	15000	12700	1
GW S6 525 GD	Elliptical	4000 K (CRI 80)	112W	15000	11900	1

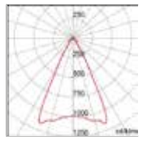
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



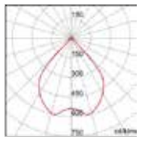
Photometric distributions



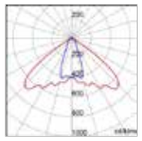
30° optic



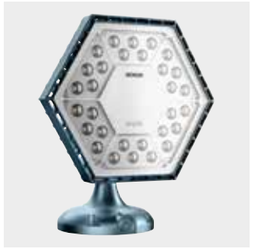
60° optic



90° optic



Elliptical optic



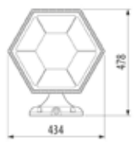
GW S6 522 BD

LED VERSIONS – BLUEGREEN – IP66 – CLASS I – DALI DRIVER

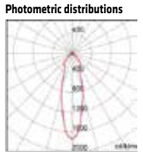
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 522 BD	30°	4000 K (CRI 80)	112W	15000	11600	1
GW S6 523 BD	60°	4000 K (CRI 80)	112W	15000	11900	1
GW S6 524 BD	90°	4000 K (CRI 80)	112W	15000	12700	1
GW S6 525 BD	Elliptical	4000 K (CRI 80)	112W	15000	11900	1

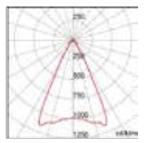
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



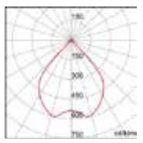
Photometric distributions



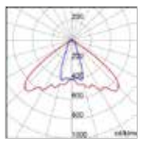
30° optic



60° optic



90° optic



Elliptical optic

ESALITE PL - 16K

IP 66 | IK 08 | DALI

ESALITE PL – 16K – ARCHITECTURAL VERSIONS, WITH GLASS

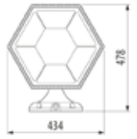
GW S6 532 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

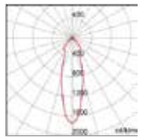
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 532 GD	30°	4000 K (CRI 80)	125W	17000	13300	1
GW S6 533 GD	60°	4000 K (CRI 80)	125W	17000	13600	1
GW S6 534 GD	90°	4000 K (CRI 80)	125W	17000	14400	1
GW S6 535 GD	Elliptical	4000 K (CRI 80)	125W	17000	13600	1

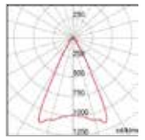
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



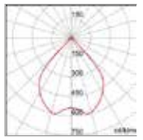
Photometric distributions



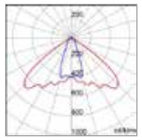
30° optic



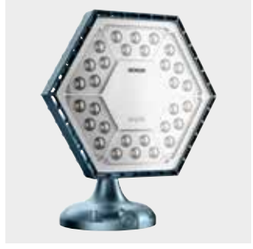
60° optic



90° optic



Elliptical optic



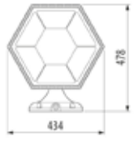
GW S6 532 BD

LED VERSIONS – BLUEGREEN – IP66 – CLASS I – DALI DRIVER

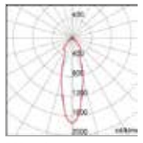
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 532 BD	30°	4000 K (CRI 80)	125W	17000	13300	1
GW S6 533 BD	60°	4000 K (CRI 80)	125W	17000	13600	1
GW S6 534 BD	90°	4000 K (CRI 80)	125W	17000	14400	1
GW S6 535 BD	Elliptical	4000 K (CRI 80)	125W	17000	13600	1

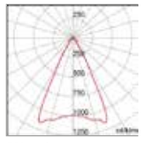
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



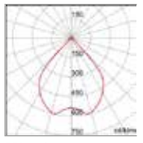
Photometric distributions



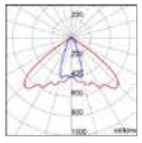
30° optic



60° optic



90° optic



Elliptical optic

ESALITE PL - 20K

IP 66 | IK 08 | DALI

ESALITE PL – 20K – ARCHITECTURAL VERSIONS, WITH GLASS

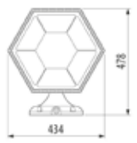
GW S6 542 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

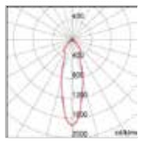
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

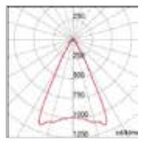
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 542 GD	30°	4000 K (CRI 80)	148W	20000	15500	1
GW S6 543 GD	60°	4000 K (CRI 80)	148W	20000	15800	1
GW S6 544 GD	90°	4000 K (CRI 80)	148W	20000	16800	1
GW S6 545 GD	Elliptical	4000 K (CRI 80)	148W	20000	15800	1

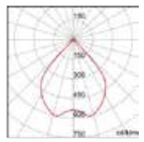
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

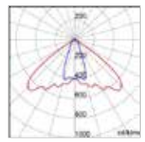


Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

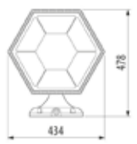
GW S6 542 BD

LED VERSIONS – BLUEGREEN – IP66 – CLASS I – DALI DRIVER

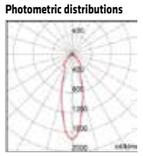
CSP LED | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

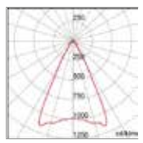
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 542 BD	30°	4000 K (CRI 80)	148W	20000	15500	1
GW S6 543 BD	60°	4000 K (CRI 80)	148W	20000	15800	1
GW S6 544 BD	90°	4000 K (CRI 80)	148W	20000	16800	1
GW S6 545 BD	Elliptical	4000 K (CRI 80)	148W	20000	15800	1

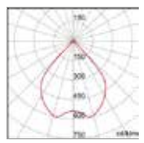
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

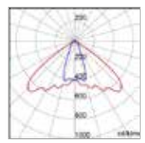


Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

ESALITE HB - 6K

DALI

ESALITE HB – 6K – SUSPENSION VERSIONS, WITH LENS

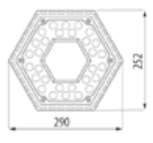
GW S6 012 GD

LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

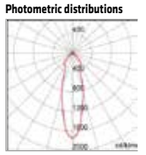
CSP LED | IP 55 | IK 06 | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

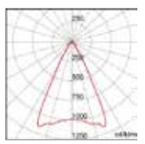
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 012 GD	30°	4000 K (CRI 80)	52W	7200	6200	1
GW S6 013 GD	60°	4000 K (CRI 80)	52W	7200	6400	1
GW S6 014 GD	90°	4000 K (CRI 80)	52W	7200	6700	1
GW S6 015 GD	Elliptical	4000 K (CRI 80)	52W	7200	6400	1

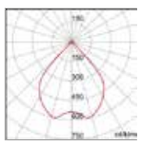
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

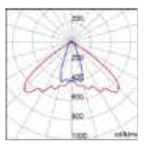


Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

ESALITE HB – 6K – SUSPENSION VERSIONS, WITH GLASS

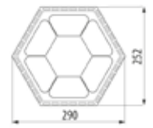
GW S6 312 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

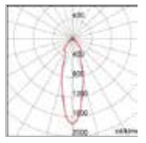
CSP LED | IP 66 | IK 08 | CONSTANT CURRENT DRIVER | 5 YEARS WARRANTY

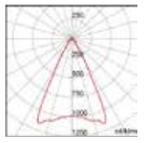
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 312 GD	30°	4000 K (CRI 80)	52W	7200	5700	1
GW S6 313 GD	60°	4000 K (CRI 80)	52W	7200	5800	1
GW S6 314 GD	90°	4000 K (CRI 80)	52W	7200	6200	1
GW S6 315 GD	Elliptical	4000 K (CRI 80)	52W	7200	5800	1

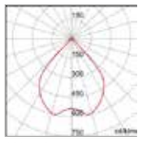
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

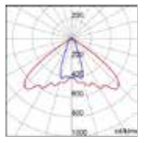


Photometric distributions


30° optic


60° optic


90° optic

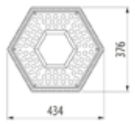

Elliptical optic

ESALITE HB - 12K

DALI

ESALITE HB – 12K – SUSPENSION VERSIONS, WITH LENS

GW S6 022 GD



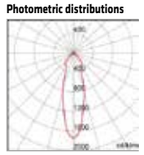
LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

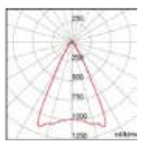
CSP LED · IP 55 · IK 06 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

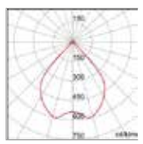
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 022 GD	30°	4000 K (CRI 80)	112W	15000	12700	1
GW S6 023 GD	60°	4000 K (CRI 80)	112W	15000	12900	1
GW S6 024 GD	90°	4000 K (CRI 80)	112W	15000	13700	1
GW S6 025 GD	Elliptical	4000 K (CRI 80)	112W	15000	12900	1

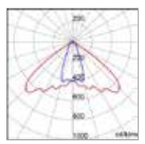
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic

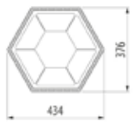

60° optic


90° optic


Elliptical optic

ESALITE HB – 12K – SUSPENSION VERSIONS, WITH GLASS

GW S6 322 GD



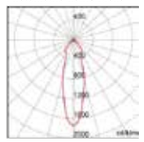
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

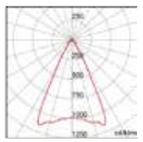
CSP LED · IP 66 · IK 08 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

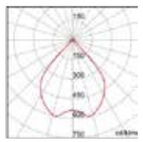
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 322 GD	30°	4000 K (CRI 80)	112W	15000	11600	1
GW S6 323 GD	60°	4000 K (CRI 80)	112W	15000	11900	1
GW S6 324 GD	90°	4000 K (CRI 80)	112W	15000	12700	1
GW S6 325 GD	Elliptical	4000 K (CRI 80)	112W	15000	11900	1

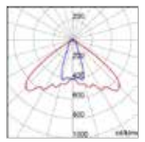
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic

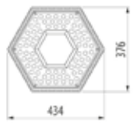

Elliptical optic

ESALITE HB - 16K

DALI

ESALITE HB – 16K – SUSPENSION VERSIONS, WITH LENS

GW S6 032 GD



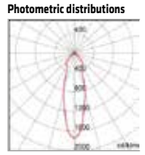
LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

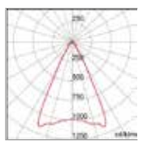
CSP LED · IP 55 · IK 06 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

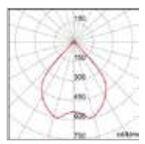
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 032 GD	30°	4000 K (CRI 80)	125W	17000	14400	1
GW S6 033 GD	60°	4000 K (CRI 80)	125W	17000	14700	1
GW S6 034 GD	90°	4000 K (CRI 80)	125W	17000	15600	1
GW S6 035 GD	Elliptical	4000 K (CRI 80)	125W	17000	14700	1

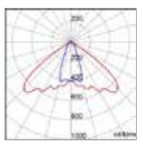
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic

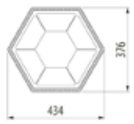

60° optic


90° optic


Elliptical optic

ESALITE HB – 16K – SUSPENSION VERSIONS, WITH GLASS

GW S6 332 GD



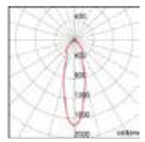
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

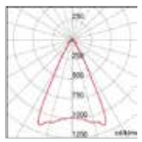
CSP LED · IP 66 · IK 08 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

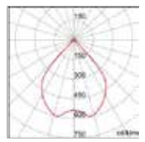
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 332 GD	30°	4000 K (CRI 80)	125W	17000	13300	1
GW S6 333 GD	60°	4000 K (CRI 80)	125W	17000	13600	1
GW S6 334 GD	90°	4000 K (CRI 80)	125W	17000	14400	1
GW S6 335 GD	Elliptical	4000 K (CRI 80)	125W	17000	13600	1

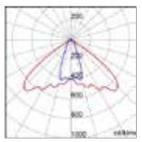
NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

ESALITE HB - 20K

DALI

ESALITE HB – 20K – SUSPENSION VERSIONS, WITH LENS

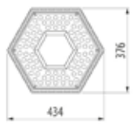
GW S6 042 GD

LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

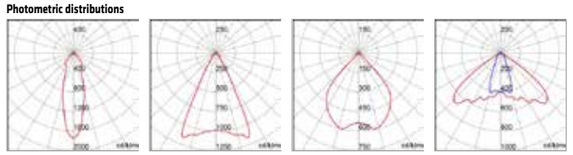
CSP LED · IP 55 · IK 06 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 042 GD	30°	4000 K (CRI 80)	148W	20000	16800	1
GW S6 043 GD	60°	4000 K (CRI 80)	148W	20000	17200	1
GW S6 044 GD	90°	4000 K (CRI 80)	148W	20000	18200	1
GW S6 045 GD	Elliptical	4000 K (CRI 80)	148W	20000	17200	1

NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



Photometric distributions



30° optic · 60° optic · 90° optic · Elliptical optic

ESALITE HB – 20K – SUSPENSION VERSIONS, WITH GLASS

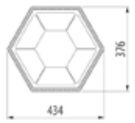
GW S6 342 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

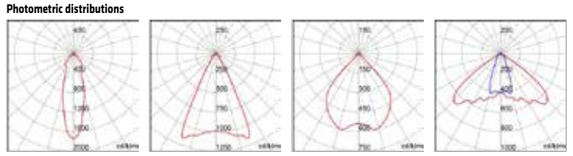
CSP LED · IP 66 · IK 08 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 342 GD	30°	4000 K (CRI 80)	148W	20000	15500	1
GW S6 343 GD	60°	4000 K (CRI 80)	148W	20000	15800	1
GW S6 344 GD	90°	4000 K (CRI 80)	148W	20000	16800	1
GW S6 345 GD	Elliptical	4000 K (CRI 80)	148W	20000	15800	1

NOTES: supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



Photometric distributions



30° optic · 60° optic · 90° optic · Elliptical optic

ESALITE HB - 24K

DALI

ESALITE HB – 24K – SUSPENSION VERSIONS, WITH LENS

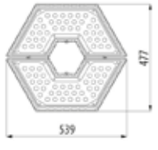
GW S6 052 GD

LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

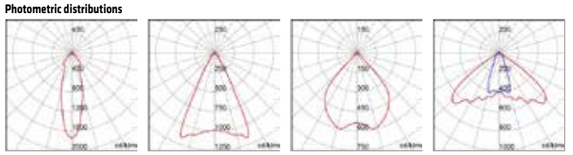
CSP LED · IP 55 · IK 06 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 052 GD	30°	4000 K (CRI 80)	210W	29000	23600	1
GW S6 053 GD	60°	4000 K (CRI 80)	210W	29000	24100	1
GW S6 054 GD	90°	4000 K (CRI 80)	210W	29000	25600	1
GW S6 055 GD	Elliptical	4000 K (CRI 80)	210W	29000	24100	1

NOTES: version complete with 2 DALI drivers (2 distinct addresses). Supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



Photometric distributions



30° optic · 60° optic · 90° optic · Elliptical optic

ESALITE HB – 24K – SUSPENSION VERSIONS, WITH GLASS

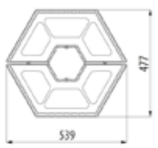
GW S6 352 GD

LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

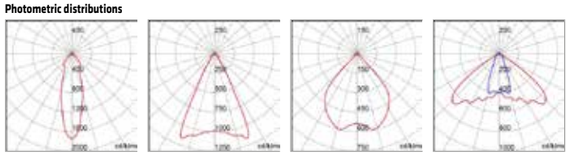
CSP LED · IP 66 · IK 08 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 352 GD	30°	4000 K (CRI 80)	210W	29000	21700	1
GW S6 353 GD	60°	4000 K (CRI 80)	210W	29000	22200	1
GW S6 354 GD	90°	4000 K (CRI 80)	210W	29000	23600	1
GW S6 355 GD	Elliptical	4000 K (CRI 80)	210W	29000	22200	1

NOTES: version complete with 2 DALI drivers (2 distinct addresses). Supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.



Photometric distributions



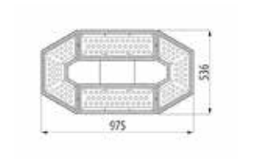
30° optic · 60° optic · 90° optic · Elliptical optic

ESALITE HB - 48K

DALI

ESALITE HB – 48K – SUSPENSION VERSIONS, WITH LENS

GW S6 082 GD



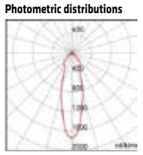
LED VERSIONS – GREY RAL 9006 – IP55 – CLASS I – DALI DRIVER

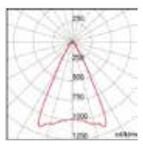
CSP LED · IP 55 · IK 06 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

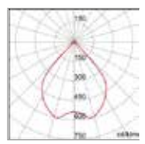
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 082 GD	30°	4000 K (CRI 80)	420W	63000	47200	1
GW S6 083 GD	60°	4000 K (CRI 80)	420W	63000	48300	1
GW S6 084 GD	90°	4000 K (CRI 80)	420W	63000	51300	1
GW S6 085 GD	Elliptical	4000 K (CRI 80)	420W	63000	48300	1

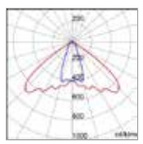
NOTES: version complete with 4 DALI drivers (4 distinct addresses). Supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic

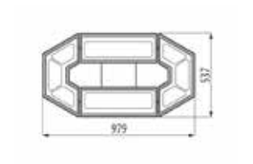

60° optic


90° optic


Elliptical optic

ESALITE HB – 48K – SUSPENSION VERSIONS, WITH GLASS

GW S6 382 GD



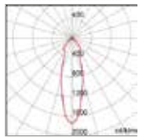
LED VERSIONS – GREY RAL 9006 – IP66 – CLASS I – DALI DRIVER

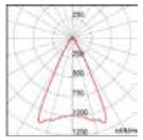
CSP LED · IP 66 · IK 08 · CONSTANT CURRENT DRIVER · 5 YEARS WARRANTY

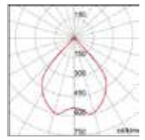
Code	Optic	Colour temperature	System power	Nominal flux (lm)	Lumen output (lm)	Pack carton
Versions: Natural light 4000K						
GW S6 382 GD	30°	4000 K (CRI 80)	420W	63000	43500	1
GW S6 383 GD	60°	4000 K (CRI 80)	420W	63000	44500	1
GW S6 384 GD	90°	4000 K (CRI 80)	420W	63000	47200	1
GW S6 385 GD	Elliptical	4000 K (CRI 80)	420W	63000	44500	1

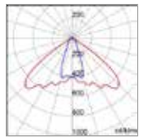
NOTES: version complete with 4 DALI drivers (4 distinct addresses). Supply voltage 220-240V 50/60 Hz.
the technical data may undergo variations due to the continuous evolution of LED technology.
The Nominal Flux refers to Tj=85°C.

Photometric distributions


30° optic


60° optic


90° optic


Elliptical optic

PL ACCESSORIES

GW S6 932

COMPLEMENTARY ITEMS

Code	Description	Pack carton
GW S6 931	ESALITE 6K – ground spike	1
GW S6 932	ESALITE 12K–16K–20K – ground spike	1

HB ACCESSORIES

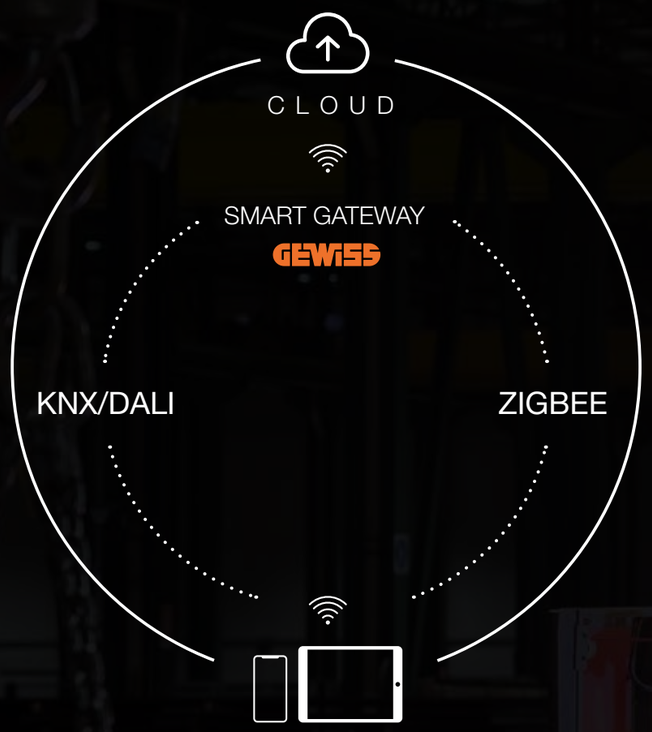
GW S6 924

COMPLEMENTARY ITEMS

Code	Description	Pack carton
Type: Installation Kit		
GW S6 921	Suspension kit for ESALITE 6K	1/5
GW S6 922	Genovese chain coil for ESALITE (75m)	1
GW S6 923	Box of S-shaped metal suspension hooks (20 pieces)	1
GW S6 926	Box of metal snap hooks (20 pieces)	1
GW S6 924	Bracket for ESALITE 12K–16K–20K	1/2
GW S6 925	Bracket for ESALITE 24K	1/2
Type: Sensors		
GW S6 901	Sensor PIR ESALITE 12K–16K–20K	1
GW S6 902	Sensor PIR ESALITE 24K	1
GW S6 903	Sensor PIR ESALITE 6K	1
GW S6 910	Remote control for programming the PIR sensor	1
Type: Emergency		
GW S6 911	Emergency kit 3h ESALITE 6K–12K–16–20K	1
GW S6 912	Emergency kit 3h ESALITE 24K	1

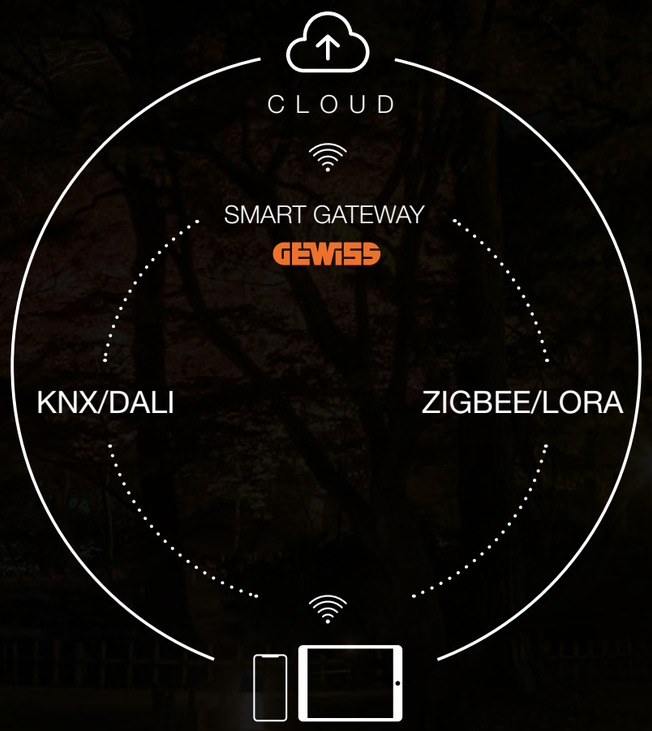
NOTE: for application details contact the technical assistance service.

Smart solutions for industry



In industrial applications, ESALITE becomes part of a smart system combining lighting solutions with the IoT (Internet of Things), thanks to its integration with Home & Building Automation systems and, in particular, Smart Gateway.
Wiring technologies (KNX/DALI) combined with wireless solutions (Zigbee) connected to the fittings. This means application and installation are easier, introducing flexible features and solutions that can be updated over time, even remotely.
Thanks to the integration of sensors, light intensity can be adjusted (down to the complete switch-off of the device) and set for the movement of people and the amount of light in the environment. That enables total control and the extremely effective management of consumption levels.

Smart solutions for parks and green areas



In parks and green spaces, ESALITE and other solutions in the BlueGreen range become part of a smart system combining lighting solutions with the IoT (Internet of Things), thanks to its integration with Home & Building Automation systems and, in particular, Smart Gateway.
Wiring technologies (KNX/DALI) combined with wireless solutions (Zigbee/Lora) connected to the devices make application and installation easier, introducing flexible features and solutions that can be updated over time, even remotely.
That enables total control and the extremely effective management of consumption levels.

A series of services at your service

DESIGN TEAM

For the most specific needs of customers and designers, we offer support for the design of the system and lighting engineering. A dedicated team of professionals with the most modern design software will develop the entire project in detail, guaranteeing quality and the right level of lighting for every surface and context.

SOFTWARE

BIM
LIBRARY

BIM is an online software package that can be used by any device connected to the Internet (smartphone, tablet or PC) to download the BIM models of GEWISS products.

DIALUX
PLUGIN

Plug-In for professional lighting design using GEWISS products. To be used with Dialux® software.

RELUX
PLUGIN

Plug-In for professional lighting design using GEWISS products. To be used with Relux® software.

REVIT
PLUGIN

Plug-In for BIM projects using GEWISS products. To be used with Revit® software.

WWW.GEWISS.COM

The new website, that can be used via any device, contains a wealth of handy information and offers easy access to the product datasheets, photometric curves and instruction manuals (for download). In addition, for registered users there's a range of innovative services such as the possibility to build your own personalised catalogue or insert products in your "favourites" list.

LIGHTING CATALOGUE

Our lighting catalogue describes the lighting solutions forindoor and outdoor use, industrial contexts, the commercial sector, street lighting and even emergency lighting.
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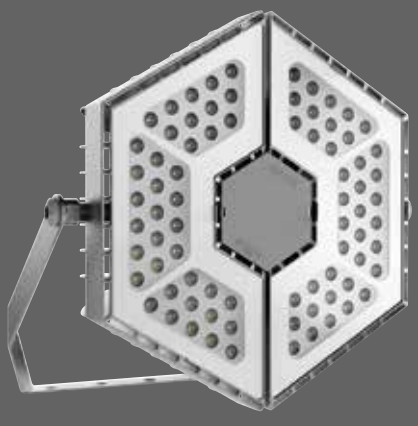

GEWISS

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REA 107496 - Share capital 60,000,000.00 EUR fully paid up.

PB 22495 EN - 10.18