



GAS STATION LIGHTING





Product: gas station lighting

LESS CONSUMPTION. HIGHER PERFORMANCE. THANKS TO LED TECHNOLOGY.

SUSTAINABILITY AND SAFETY FOR GAS STATIONS



Centerpiece of the HELLA LED light solutions:
The 5,000 lm LED module with flexible
light distribution and the highest energy efficiency.

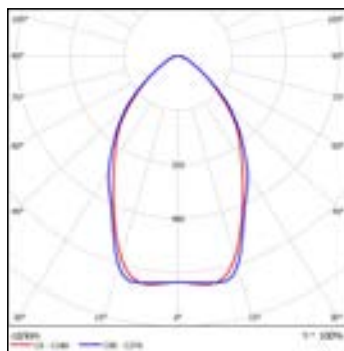
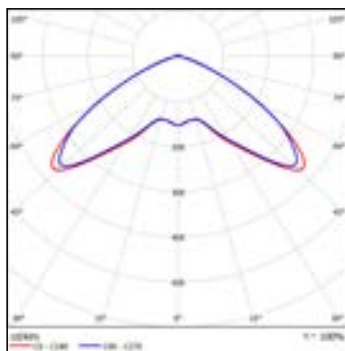


Product: IL2 PLUS

MANY REQUIREMENTS – ONE SOLUTION

Whether for the shop, car wash, filling area, access route or the workshop – gas station requirements are diverse. That’s the reason why operators want a simple solution – ideally all from one source.

HELLA offers innovative LED technology and lighting systems for the external and interior lighting of gas stations – simple to fit and to maintain. The result after refitting are clear to see: energy savings of up to 80 percent are possible.



I optics:
Gas stations

→ Wide rotationally symmetrical light distribution

G optics:
Gas stations

→ Deep-wide radiating optics

THE ADVANTAGES OF THE HELLA LED MODULES

- Use of long-term tested materials and electronics components
- Technology guarantee
- Integrated thermal management
- Minimum of 90% luminous flux after an average lifetime of 60,000 operating hours as well as 80% luminous flux after a lifetime of 100,000 hours
- Integrated overheating protection
- Replacement part availability of at least 20 years
- Modular light distribution
- Energy savings of up to 80 %
- Control via DALI

INTEGRATED LED SOLUTIONS FOR GAS STATIONS

Office

Office Eco series



Workshop

Light line system IL2 PLUS



Shop area

Downlight D300



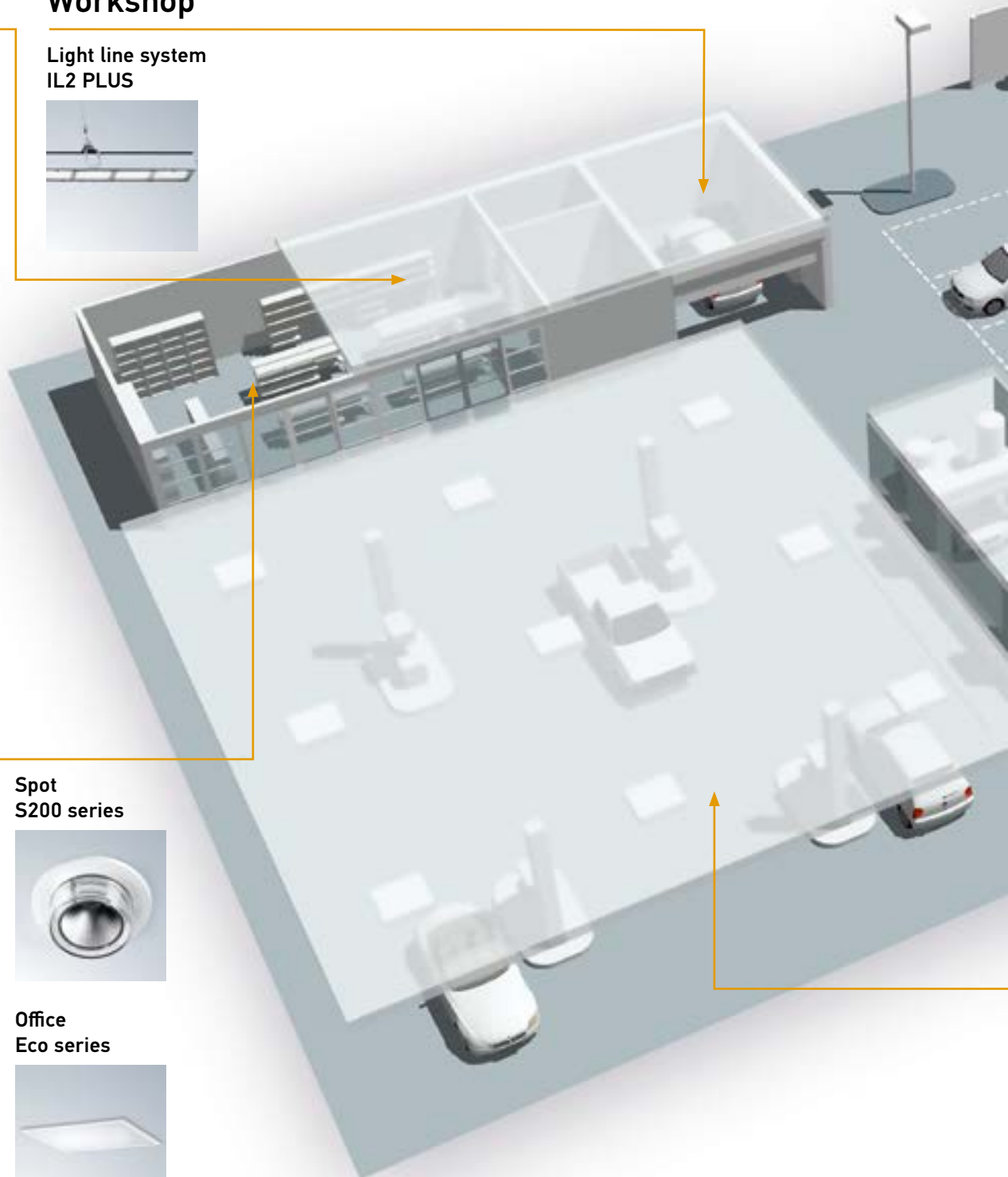
Spot S200 series

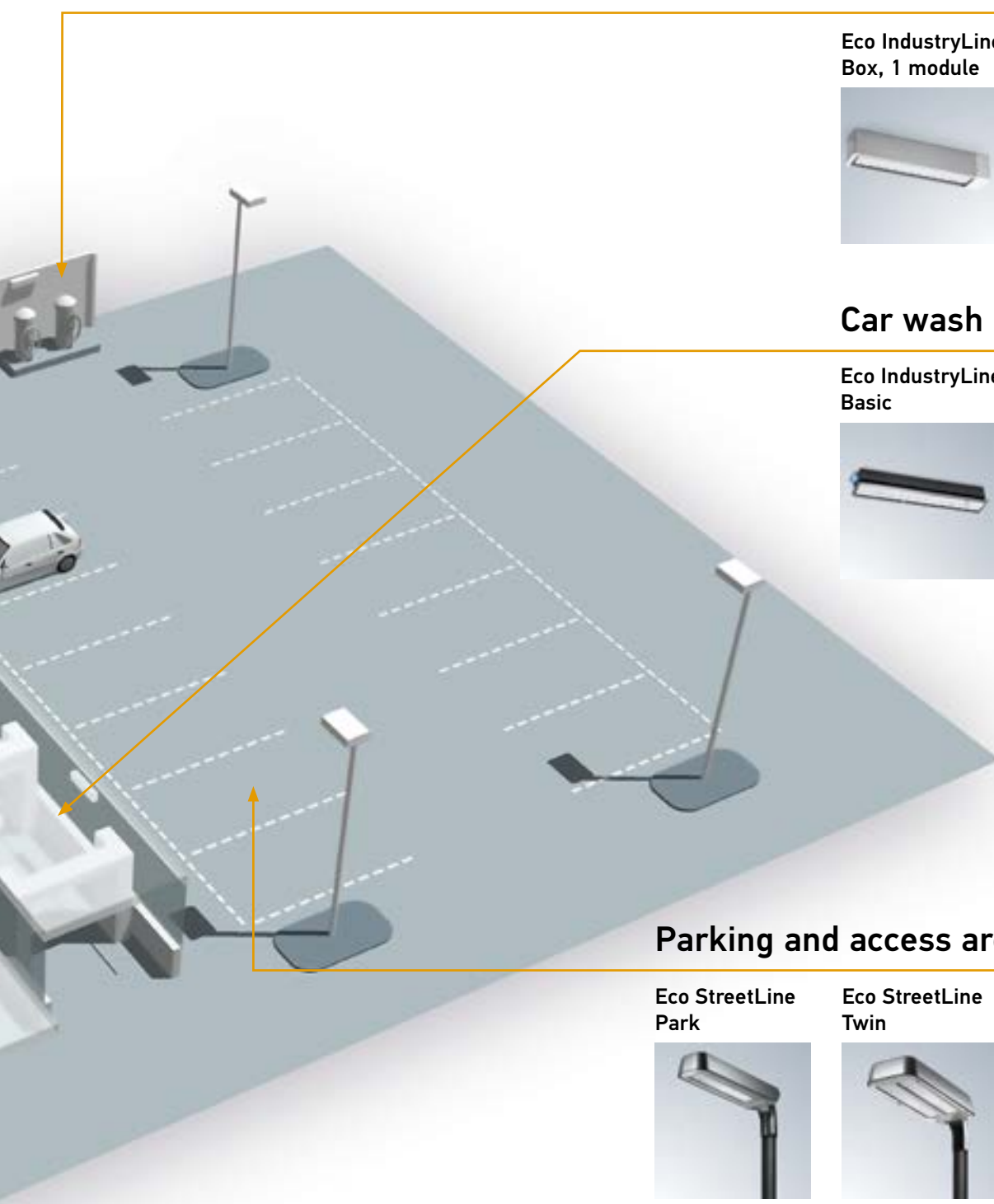


Universal Design Spot S100 series



Office Eco series





Service

Eco IndustryLine
Box, 1 module



Eco IndustryLine
Box, 2 modules



Car wash

Eco IndustryLine
Basic



Parking and access area

Eco StreetLine
Park



Eco StreetLine
Twin



Eco StateLine
STL 17"



Filling area

Eco IndustryLine Frame, recessed luminaire
with 1 module with 2 modules with 3 modules



Eco IndustryLine Frame, surface-mounted luminaire
with 1 module with 2 modules with 3 modules



ECO INDUSTRYLINE | FRAME

Functional luminaire (with 1 module) ceiling recessed and surface mounted

Ideal combination of LED and Hella module system. Bright and high-function. Efficient and flexible. Energy- and cost-saving. Versatile and environmentally friendly. With integrated thermal management

Site of operation:

→ Filling area

Dimensions (L x W x H)	557 x 411 x 92 mm / 155 mm
IP protection class (luminaire)	IP 65
Protection class	PROTECTION CLASS II
Power consumption	25 W / 40 W
Effective system luminous flux	2,500 lm / 5,000 lm



ECO INDUSTRYLINE | FRAME

Functional luminaire (with 2 modules) ceiling recessed and surface mounted

Ideal combination of LED and Hella module system. Bright and high-function. Efficient and flexible. Energy- and cost-saving. Versatile and environmentally friendly. With integrated thermal management

Site of operation:

→ Filling area

Dimensions (L x W x H)	557 x 411 x 92 mm / 155 mm
IP protection class (luminaire)	IP 65
Protection class	PROTECTION CLASS II
Power consumption	50 W / 80 W
Effective system luminous flux	5,000 lm / 10,000 lm



ECO INDUSTRYLINE | FRAME

Functional luminaire (with 3 modules) ceiling recessed and surface mounted

Ideal combination of LED and Hella module system. Bright and high-function. Efficient and flexible. Energy- and cost-saving. Versatile and environmentally friendly. With integrated thermal management

Site of operation:

→ Filling area

Dimensions (L x W x H)	557 x 411 x 92 mm / 155 mm
IP protection class (luminaire)	IP 65
Protection class	PROTECTION CLASS II
Power consumption	75 W / 120 W
Effective system luminous flux	7,500 lm / 15,000 lm



OFFICE ECO SERIES

Panel light 600 and 1200

Sets an example for convincing design combined with superior lighting performance. This light also features an extremely flat design, patented light control, and homogeneous illumination.

Site of operation:

→ Offices, shop area

Dimensions (L x W x H)	Eco 600: 595 x 595 x 10 mm / 622 x 622 x 10 mm Eco 1200: 1,195 x 295 x 10 mm / 1,245 x 308 x 10 mm
IP protection class (luminaire)	IP 20
Protection class	PROTECTION CLASS II
Power consumption	34 W (Eco 600) / 40 W (Eco 1200)
Effective system luminous flux	Eco 600: 3,200 lm (3,000 K) / 3,400 lm (4,000 K) Eco 1200: 3,600 lm (3,000 K) / 3,800 lm (4,000 K)



ECO INDUSTRYLINE | BOX

Functional luminaire (with 1 module)

Universal overall luminaire. With a high light power, optimal light distribution, and first-class energy efficiency. Perfectly adjusted to highly frequented areas. Ideal for parking garages and gas stations.

Site of operation:

→ Service

Dimensions (L x W x H)	499 / 515 x 103 x 105 mm
IP protection class (luminaire)	IP 65
Protection class	Protection class II
Power consumption	25 W / 40 W
Effective system luminous flux	2,500 lm / 5,000 lm



ECO INDUSTRYLINE | BOX

Functional luminaire (with 2 modules)

Universal overall luminaire. With a high light power, optimal light distribution, and first-class energy efficiency. Perfectly adjusted to highly frequented areas. Ideal for parking garages and gas stations.

Site of operation:

→ Service

Dimensions (L x W x H)	960 / 978 x 103 x 105 mm
IP protection class (luminaire)	IP 65
Protection class	Protection class II
Power consumption	50 W / 80 W
Effective system luminous flux	5,000 lm / 10,000 lm



ECO INDUSTRYLINE | BASIC

Moisture-proof luminaire as feed-through wiring or light point

The Eco IndustryLine Basic offers an optimal solution for those areas that pose special challenges. The luminaire is particularly suitable for areas with a constantly high humidity.

Site of operation:

→ Car wash

Dimensions	Module one-sided: 461 x 78 x 62 mm Module for through-wiring: 466 x 78 x 62 mm
IP protection class (luminaire)	IP 65
Protection class	PROTECTION CLASS II
Power consumption	25 W
Effective system luminous flux	2,500 lm per module



LIGHT STRIP SYSTEM IL2 PLUS

Features consistent light quality, homogeneous illumination, and ideally adjusted light distribution. LED module and driver can be replaced separately, even during operation. Simple installation and maintenance.

Site of operation:
→ Workshop

Dimensions	LED module: 592 x 72 mm Support rail: 0.6 m / 1.20 m / 3.00 m / 4.20 m length: 600 / 1,200 / 3,000 / 4,200 x 90 x 85 mm
IP protection class (luminaire)	IP 20 / IP 40 / IP 54
Protection class	System: PROTECTION CLASS I / electronic drivers and modules: PROTECTION CLASS II
Power consumption	22 W (3,300 lm) / 28 W (4,000 lm) / 33 W (4,700 lm)
Effective system luminous flux	3,300 lm / 4,000 lm / 4,700 lm



UNIVERSAL DESIGN SPOT S100 SERIES

Spot S100, S102 and S104

Universal genius in the area of luminaires. In residential areas, sets decorative accents with playful ease and is best suited for optimal adaptation to the conditions in offices and businesses.

Site of operation:
→ Shop area

Dimensions	Height: 50 mm (interior ambient ring) 69 mm (exterior ambient ring) Frame: Ø 115 mm (round), Ø 115 mm x 115 mm (square)
IP protection class (luminaire)	IP 23 (adjustable tilt angle ± 20°), IP 44
Power consumption	4.5 W (S100) / 9 W (S102) / 20 W (S104)
Effective system luminous flux	3,000 K 350 lm (S100) / 700 lm (S102) / 1,150 lm (S104) 4,000 K 1,250 lm (S104)



SPOT | S200 SERIES

Spot S202, S204 and S206

Ideal for the feel-good factor in hotel lobbies, guest rooms, or conference rooms. Recessed spot with three different variations of light, from warm white through normal white to a cold white light.

Site of operation:
→ Shop area

Dimensions	Diameter: 160 mm Height: max. 150 mm
IP protection class (luminaire)	IP 54
Protection class	PROTECTION CLASS II
Power consumption	20 W (S202) / 31 W (S204) / 41 W (S206)
Effective system luminous flux	3,000 K 1,470 lm (S202) / 1,940 lm (S204) / 3,050 lm (S206) 4,000 K 1,500 lm (S202) / 1,980 lm (S204) / 3,100 lm (S206) 5,000 K 1,820 lm (S202) / 2,400 lm (S204) / 3,750 lm (S206)



DOWNLIGHT | D300

LED Downlight features outstanding optics and light quality that optimally meet different demands. Additional special features: Patented light control and a particularly homogeneous illumination.

Site of operation:
→ Shop area

Dimensions	Height: 100 mm Diameter: 265 mm (external)
IP protection class (luminaire)	IP 20 (IP 54 room side)
Protection class	PROTECTION CLASS II
Power consumption	25 W / 43 W
Effective system luminous flux	2,700 K 2,100 lm (25 W) / 4,400 lm (43 W) 3,000 K 2,200 lm (25 W) / 4,500 lm (43 W) 4,000 K 2,300 lm (25 W) / 4,800 lm (43 W)



ECO STREETLINE | PARK

Side-mounted and top-mounted luminaires

Typical "Park"! Equipped with an autonomous LED module and integrated electronics. Energy and cost-saving light for illuminating bicycle and walking paths, guaranteed to be perfectly adapted.

Site of operation:
→ Parking and access area

Dimensions (L x W x H)	680 x 160 x 110 mm
IP protection class (luminaire)	IP 67 / IP 69 K
Protection class	Protection class II
Power consumption	7 – 40 W (depending on luminous flux)
Effective system luminous flux	600 lm / 800 lm / 1,250 lm / 1,700 lm / 2,500 lm / 3,000 lm / 3,500 lm / 4,000 K / 5,000 K 4,000 lm / 4,500 lm / 5,000 lm



ECO STREETLINE | TWIN

Side-mounted and top-mounted luminaires

With its two autonomous LED modules, "Twin" is just the light for illuminating a dark evening. Ideal for increased visibility and safety.

Site of operation:
→ Parking and access area

Dimensions (L x W x H)	680 x 240 x 110 mm
IP protection class (luminaire)	IP 67 / IP 69 K
Protection class	Protection class II
Power consumption	14–80 W (depending on luminous flux)
Effective system luminous flux	1,200 lm / 1,600 lm / 2,500 lm / 3,400 lm / 5,000 lm / 6,000 lm / 7,000 lm / 8,000 lm / 9,000 lm / 10,000 lm 4,000 K / 5,000 K



ECO STATELINE | STL 17"

Side-mounted and top-mounted luminaires

New and unique. Individually adaptable electronic concept. Freely definable, intelligent modules. Extends functionality. Manufacturer independence. Free system selection.

Site of operation:
→ Parking and access area

Dimensions (L x W x H)	815 x 350 x 130 mm
IP protection class (luminaire)	IP 67 / IP 69 K
Protection class	Protection class II
Power consumption	15–164 W
Effective system luminous flux	2,000–20,000 lm



* All performance parameters are based on an ambient temperature of 25°C

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