



LED INDUSTRY LIGHTING



Eco IndustryLine





The modern LED Eco IndustryLine from HELLA, paired with smart energy management, makes lighting more efficient and “greener”, thereby enabling a more responsible use of resources.

With 20 years of experience in LED technology, HELLA is a pioneer in the development of vehicle lights. HELLA has adapted this know-how to changing demands and transformed it to develop the Eco IndustryLine product line. The proven LED modules, also found in the Eco StreetLine street lighting series, can be used individually with the help of new light housings and application-specific optics.

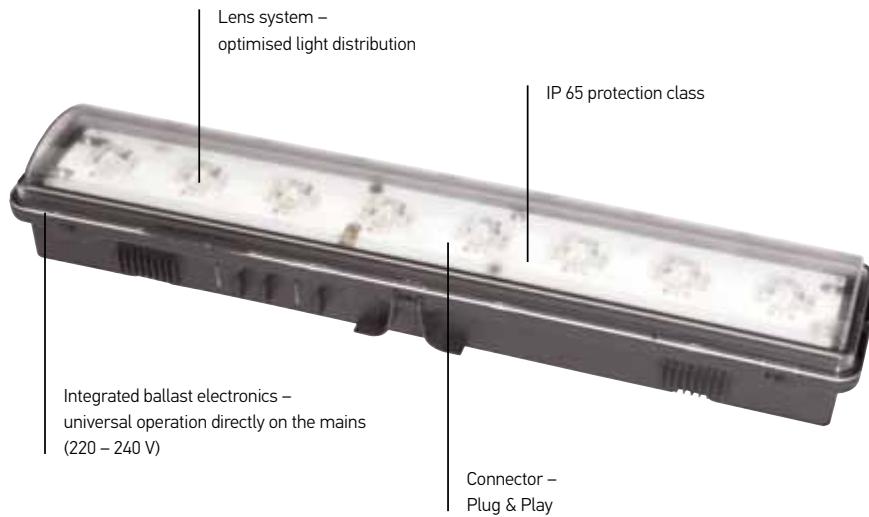
A modular concept for improved lighting and a greater sense of security.

The key to optimal lighting is light distribution that is always suited to its application area – efficiently-employed light and an extremely homogeneous light distribution are what make HELLA LED modules stand out.

The modular construction allows the decoupling of the light module from its housing. Thanks to integrated ballast electronics and a single connector, the module may be easily exchanged via the Plug & Play system at any time.

There is a housing for ceiling mounting for various application areas: as a single-module light with 1,250 lm and 15 Watt / 1,700 lm and 21 Watt power consumption, as a double-module light with 2,500 lm and 30 Watt / 3,400 lm and 42 Watt and as a quadruple-module light with 5,000 lm and 60 Watt / 6,800 lm and 84 Watt power consumption.

A module for many applications



Optical concept

- To capture the entire LED luminous flux
- Light distribution by means of reflection and projection through free-form lenses
- High optical efficiency



P-optics

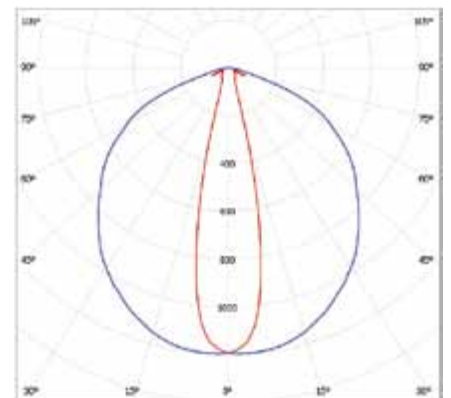
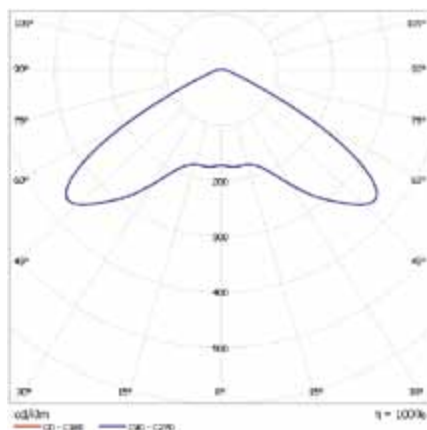
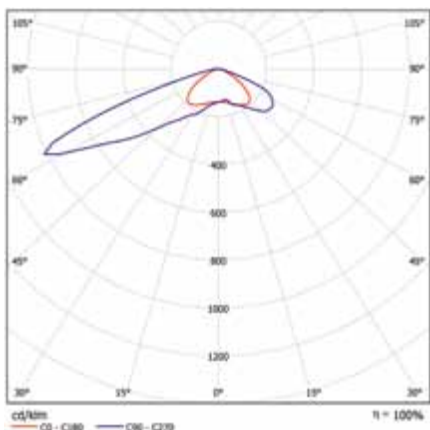
Right-angle, asymmetrical variance of distribution, specially designed to illuminate parking garages. Through greater range of coverage in the direction of the parking space, the space itself is completely illuminated, whereas in the direction of the carriageway the range of coverage and, as a result, glare, are reduced. 2 parking spaces are illuminated widthwise (installation at every other parking space). For use in parking decks, subterranean garages – for new construction and refurbishments.

I-optics

Wide rotationally-symmetrical light distribution for multifunctional, universal application. For use in filling stations, parking garages, and parking decks.

WW-optics

Particularly narrow, single-plane emission for indirect illumination of walls, facades, or billboards.



Housing for ceiling mounting

Time-optimised installation, maintenance, and contacting

Overview Eco IndustryLine	Number of LED modules	Customer's cable routing	Electrical connection	Preassembled cable (3 x 1 mm ²)	Part number	Packing unit
 <p>Single-module functional light 1,250 lm / 1,700 lm – Connection box or connection cable</p>	1	Flush-mounted	With connection box	0 m	8NF 011 449-007	8
	2				8NF 011 449-008	1
					8NF 011 600-007	6
	8NF 011 600-008				1	
 <p>Single-module functional light 1,250 lm / 1,700 lm – Connection cable</p>	1	Surface-mounted	Without connection box, with a strain relief	5 m	8NF 011 449-017	8
	2				8NF 011 449-018	1
					8NF 011 600-017	6
	8NF 011 600-018				1	
 <p>Double-module functional light 2,500 lm / 3,400 lm – Connection box or connection cable</p>	1	Surface-mounted	Without connection box, with a strain relief	10 m	8NF 011 449-027	6
	2				8NF 011 449-028	1
					8NF 011 600-027	6
	8NF 011 600-028				1	
 <p>Quadruple-module functional light Surface mounted light 5,000 lm / 6,800 lm – Aluminium housing</p>	4	Surface-mounted	With connection box	0 m	8NF 011 376-007	1
	4				8NS 011 376-017	1
 <p>Quadruple-module functional light Surface mounted light 5,000 lm / 6,800 lm – PC-housing</p>	4	Surface-mounted	Without connection box	10 m	8NS 011 376-017	1
	4				8NF 011 758-007	1
 <p>Quadruple-module functional light Recessed light 5,000 lm / 6,800 lm – Aluminium housing</p>	4	Recessed-mounted	Without connection box	5 m	8NF 011 758-017	1
	4				8NF 011 758-007	1

* Without LED modules

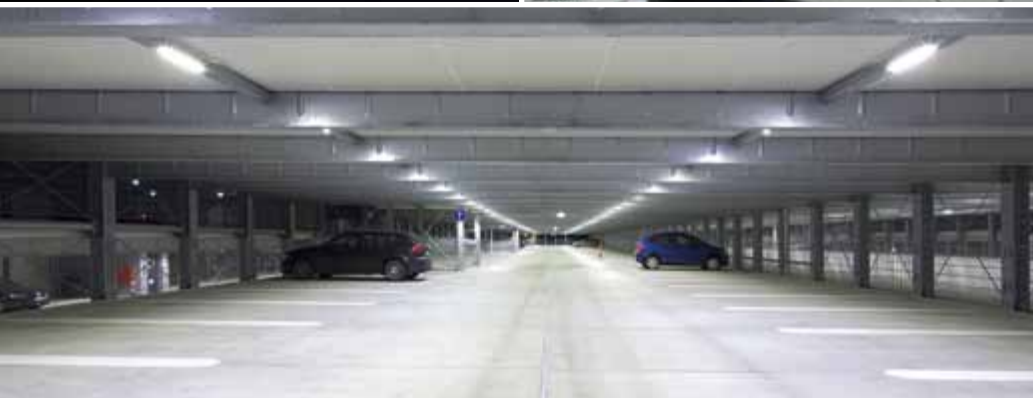
The following optics are available for the modules: P-optics, I-optics, and WW-optics.

The advantages of the LED industrial module

- Use of tried and tested materials and electronic components
- Guaranteed technology
- 5-year warranty on the LED module
- Integrated thermal management

- 80 % minimum luminous flux after an average life of 50,000 hours
- Built-in overheating protection
- At least 20 years availability of parts
- Optimal light distribution

References for the universal Eco IndustryLine





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