



**LED LIGHTING
FOR INDUSTRY**



BRIGHTER. BETTER. SIMPLY IDEAL.

INTELLIGENT LIGHT CONTROL SYSTEMS ACCORDING TO YOUR INDIVIDUAL REQUIREMENTS

Without the best light, nothing goes right. To ensure productivity and efficiency do not fall by the wayside, homogeneous illumination and optimal light distribution are vital in industrial and production workshops. And our LED lights meet precisely these demands.

The light of the future is LED. No question. We systematically ensure the future sustainability of HELLA LED Light Technologies through the greatest possible flexibility. For this reason, it is clear that our contribution to intelligent light control systems is based on open-source interfaces and different requirements. HELLA is the only manufacturer that has developed a compatible and modular system for our different products, which, thanks to being able to replace the modules very easily, is exceptionally efficient, practical and sustainable.

More flexibility thanks to lighting control

A strictly demand-oriented, level structured system. From autonomous control through to individual control:



Flexible profile

Programmable logic control module. Step-öess autonomous control (Astrodim).



Intelligent control

Open interface to control the lights (1-10 V/DALI).



Maximum flexibility

Simple integration of control components for highest flexibility.

High-bay lights HIGHBAY | IL UP

VARIANTS

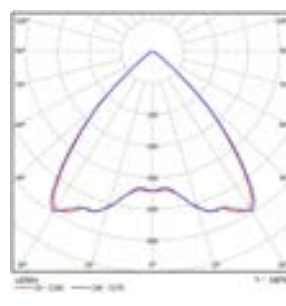


HighBay | IL Up M

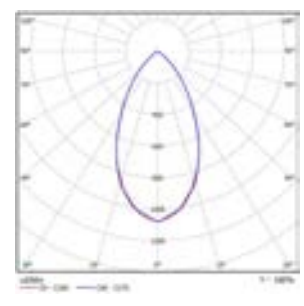


HighBay | IL Up L

OPTICS AND LIGHT DISTRIBUTIONS



W W optics
Production facilities



N N optics
High industrial facilities



Light line system IL2 PLUS

VARIANTS



IL2 PLUS light line system
Continuous suspension



IL2 PLUS light line system
Suspension, with coverage



IL2 PLUS light line system
Surface mounted

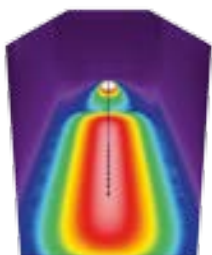
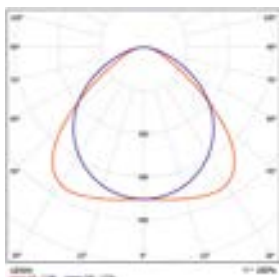


IL2 PLUS light line system
Suspension, individual module

OPTICS AND LIGHT DISTRIBUTIONS

W W optics
Production facilities

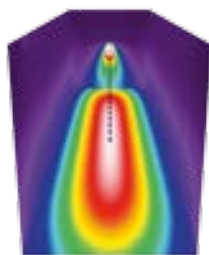
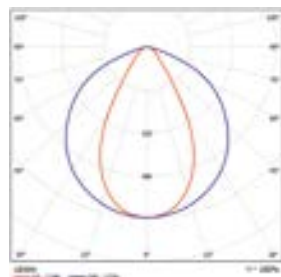
- Wide beam
- Very homogeneous illumination
- Large light line intervals also in the case of low light point heights



Light point height: > 4 m

N N optics
High industrial facilities

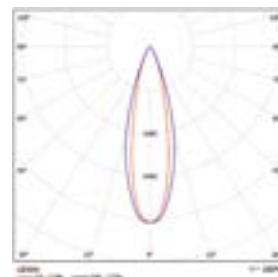
- Narrow beam
- Narrow radiation characteristics
- Optimized for high light points



Light point height: > 7 m

X X optics
High-bay warehouse

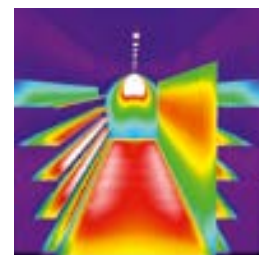
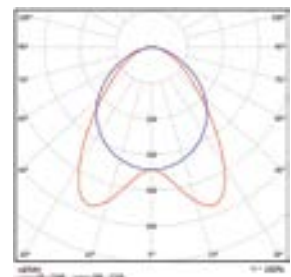
- Very narrow radiation
- Ideal for very high light points



Light point height: > 12 m

D D optics
Supermarkets

- Double asymmetrical
- Targeted illumination of shelving

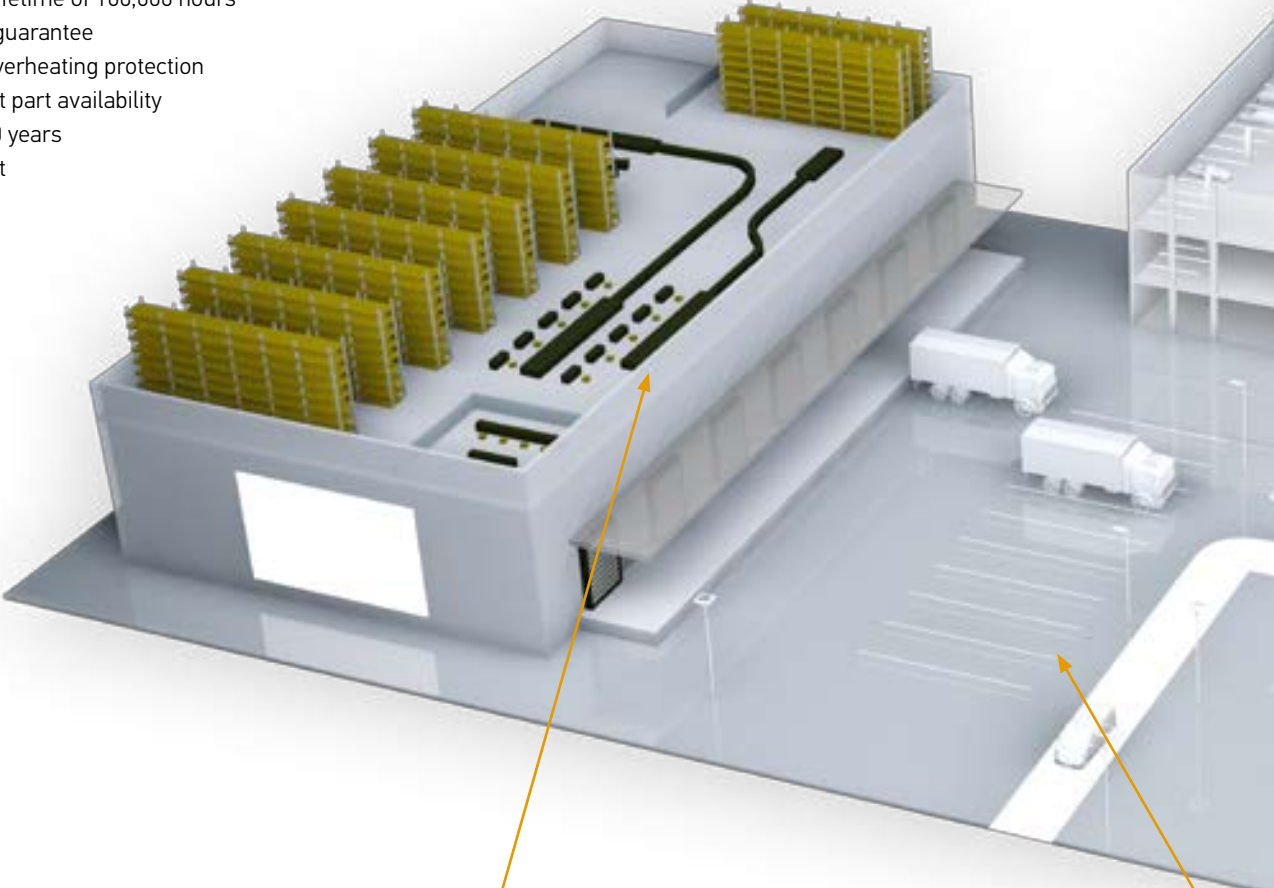


Light point height: > 2.6 m



This is the reason behind the creation of our modular HELLA LED light technology

- Use of long-term tested materials and electronics components
- Minimum of 80% luminous flux with an average lifetime of 100,000 hours
- Technology guarantee
- Integrated overheating protection
- Replacement part availability of at least 20 years
- Modular light distribution



Industrial & production facilities

Light line system
IL2 PLUS



Highbay
IL Up



Highbay
IL One



Eco IndustryLine
Box



Eco IndustryLine
Basic



Multi-level garage & underground garage

Eco IndustryLine
Frame



Eco IndustryLine
Box



Eco IndustryLine
Basic



Adminis- tration

Office Eco series



Office series



Universal Design
Spot S100 series



Parking lot & outdoor areas

Eco StreetLine
series



Eco StateLine
STL 17"



Eco CityLine
series



Eco CubeLine
series



Downlight
D300



LIGHT LINE SYSTEM IL2 PLUS

Impresses with constant light quality, homogeneous illumination, and an ideally adjusted light distribution. LED module and driver can be replaced separately, even during operation. Simple installation and maintenance.

Site of operation:

→ Industrial and production facilities

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 Certification (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



HIGHBAY | IL UP High-bay lights

Aluminum lightweight in 3 variants. Sets benchmarks with superior light quality, optimal illumination, minimal energy costs, and simple installation. What's more: flat design, no cooling fins.

Site of operation:

→ Industrial and production facilities

Dimensions (L x W x H)	IL Up M: 480 x 405 x 125 mm IL Up L: 585 x 480 x 125 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class I
Power consumption	100 W / 160 W / 230 W
Effective system luminous flux	14,000 lm / 20,000 lm / 30,000 lm



HIGHBAY | IL ONE High-bay lights

Unparalleled advantageous combination of low installation height, minimal dimensions, and optimal light technology. Superior light distribution with adjusted thermal management. Energy savings: 65% u.m.

Site of operation:

→ Industrial and production facilities

Dimensions	388 x 178 mm
IP Certification (Luminaire)	IP 65 (W optics) IP 54 (N optics)
Protection class	Protection class I
Power consumption	100 W / 160 W / 230 W
Effective system luminous flux	W optics 10,500 lm (100W) / 16,500 lm (160W) / 23,000 lm (230W) N optics 9,500 lm (100W) / 15,000 lm (160W) / 20,500 lm (230W)



ECO INDUSTRYLINE | BOX Functional luminaire with 1 or 2 modules

Universal 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 filling stations.

Site of operation:

→ Multi-level garage / underground garage,
industrial and production facilities

Dimensions (L x W x H)	1 module: 499 / 515 x 103 x 105 mm 2 modules: 960 / 978 x 103 x 105 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class II
Power consumption	9 – 80 W (depending on luminous flux)
Effective system luminous flux	800 lm / 1,250 lm / 1,600 lm / 1,700 lm / 2,500 lm / 3,400 lm / 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:

→ Multi-level garage / underground garage,
industrial and production facilities

Dimensions	Module one sided: 461 x 78 x 62 mm Module for through-wiring: 466 x 78 x 62 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class II
Power consumption	24 W / 40 W
Effective system luminous flux	2,500 lm per module



ECO INDUSTRYLINE | FRAME Functional luminaire with 1 to 3 modules

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:

→ Multi-level garage / underground garage

Dimensions (L x W x H)	557 x 411 x 92 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class II
Power consumption	24 W – 120 W
Effective system luminous flux	2,500 lm / 5,000 lm / 7,500 lm / 10,000 lm / 15,000 lm



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 lot / outdoor areas

Dimensions (L x W x H)	815 x 350 x 130 mm
IP Certification (Luminaire)	IP 67 / IP 69K
Protection class	Protection class II
Power consumption	15 – 180 W
Effective system luminous flux	2,000 – 20,000 lm



ECO CITYLINE | SHADE Top-mounted luminaire

Superior light quality and decorative element in one: "Shade". Well designed light with autonomous Eco Circle module. Extremely efficient, peak economy and ecology.

Site of operation:

→ Parking lot / outdoor areas

Dimensions	650 x 425 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class III
Power consumption	23 W
Effective system luminous flux	1,450 lm (2,700 K) / 1,800 lm (3,000 K) / 1,950 lm (4,000 K)



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 lot / outdoor areas

Dimensions (L x W x H)	680 x 240 x 110 mm
IP Certification (Luminaire)	IP 67 / IP 69K
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 / 4,400 lm / 5,000 lm / 6,000 lm / 7,000 lm / 8,000 lm / 9,000 lm / 10,000 lm



ECO STREETLINE | CASE

Side-mounted and top-mounted luminaires

With integrated electronics, the four powerful, autonomous "Case" LED modules guarantee ideal, homogeneous illumination, especially in places where there is a lot of action.

Site of operation:

→ Parking lot / outdoor areas

Dimensions (L x W x H)	680 x 440 x 110 mm
IP Certification (Luminaire)	IP 67 / IP 69K
Protection class	Protection class II
Power consumption	28 – 160 W (depending on luminous flux)
Effective system luminous flux	2,400 lm / 3,200 lm / 5,000 lm / 6,800 lm / 8,800 lm / 10,000 lm / 12,000 lm / 14,000 lm / 16,000 lm / 18,000 lm / 20,000 lm



ECO STREETLINE | SQUARE

Decorative top-mounted luminaire

"Square" – the attractive street lamp with 4 LED modules. Ideal for areas with uptown tastes. High lighting performance. Variable light distribution. Sophisticated design.

Site of operation:

→ Parking lot / outdoor areas

Dimensions (L x W x H)	700 x 700 x 500 mm
IP Certification (Luminaire)	IP 65
Protection class	Protection class II
Power consumption	28 – 84 W (depending on luminous flux)
Effective system luminous flux	2,400 lm / 3,200 lm / 5,000 lm / 6,800 lm



ECO CUBELINE | PARK²

Pole mounted luminaire

The "Park²" impresses with its combination of intelligent light technologies, decorative design, and first-class lighting power. The result: Best visibility and outlook!

Site of operation:

→ Parking lot / outdoor areas

Mast	4 m / 5 m light point height
IP Certification (Luminaire)	IP 66
Protection class	Protection class II
Power consumption	18 – 80 W (depending on luminous flux)
Effective system luminous flux	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



OFFICE ECO SERIES

Panel lighting 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:

→ Administration

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 Certification (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)



OFFICE SERIES

Panel lighting with 1 module or 2 modules

Impressive differentiating features. Example: Particularly homogeneous and wide illumination through a combination of special optic lens and reflector technology.

Site of operation:

→ Administration

Dimensions (L x W x H)	Office 300: 600 x 300 x 102 mm Office 600: 600 x 600 x 102 mm Office 1200: 1,200 x 300 x 102 mm
IP Certification (Luminaire)	IP 30
Protection class	Protection class I
Power consumption	19 W
Effective system luminous flux	Office 300: 2,150 lm Office 600: 4,300 lm Office 1200: 4,300 lm



UNIVERSAL DESIGN SPOT S100 SERIES

Spot S100, S102 and S104

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

Site of operation:

→ Administration

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 Certification (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)



DOWNLIGHT | D300

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

Site of operation:

→ Administration

Dimensions	Height: 100 mm Diameter: 265 mm (external)
IP Certification (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)



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A COMPANY OF  **WÜNSCHE**
GROUP

HELLA INDUSTRIES

Street lighting

Industrial lighting

Interior lighting

You can find more information at:
www.hella-industries.com