



## LED LIGHTING FOR LOGISTICS AND WAREHOUSES





# LED LIGHT

## THE INNOVATION AGAINST GRAY ZONES IN LOGISTICS & WAREHOUSES

BRIGHTER. BETTER. SIMPLY IDEAL.

Without the best light, nothing goes right. Especially where people are working. To ensure productivity and efficiency do not fall by the wayside, homogeneous illumination and optimal light distribution are vital in logistics buildings and warehouses. And our LED lights meet precisely these demands.







HELLA LED is the light technology du jour. Intelligent, because it's modular and simple. Efficient, because it's energy-saving and flexible. Contemporary, because it's environmentally friendly and sustainable.

Above all, with the light strip system IL2 Plus and the high-bay lights Highbay IL One and Highbay IL Up, it presents the ideal light solution wherever winding halls, dark corners, and high shelves have to be illuminated. Thanks to intelligent light control, homogeneous illumination, and individual light distribution, not a single spot remains unlit. In addition, the entire work environment is improved with brighter, but glare-free light.

And what's more: Based on the modular design, the luminaires are easy to install and exchange, and can be combined as needed.



#### HELLA LED ILLUMINATION CONCEPTS IMPRESS WITH:

- Optimized light distribution
- Simple installation and maintenance, saving time and costs
- High flexibility
- Reduced energy and maintenance costs
- 20-year availability guarantee on modular components
- Long-term spare parts availability
- Excellent energy and eco-efficiency
- 100 years of expertise in lighting and 20 years of expertise in LEDs

# NEW PERSPECTIVES

## INTELLIGENT LIGHT CONTROL SYSTEMS ACCORDING TO YOUR INDIVIDUAL REQUIREMENTS

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. As the only manufacturer to have done so, we developed a compatible and modular system for different HELLA 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

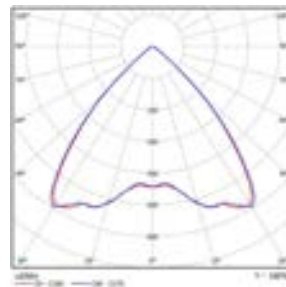


HighBay | IL Up M

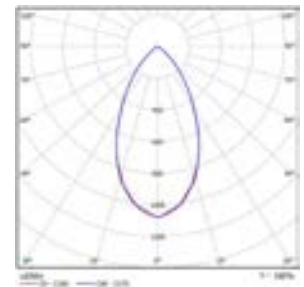


HighBay | IL Up L

### OPTICS AND LIGHT DISTRIBUTIONS



W optics  
Picking area, Logistics and warehouse area



N optics  
High warehouses



# 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



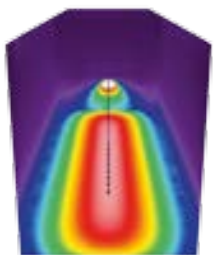
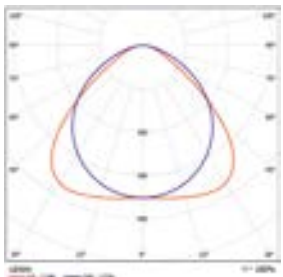
**IL2 PLUS light line system**  
Suspension, individual module

## OPTICS AND LIGHT DISTRIBUTIONS



**W optics**  
Picking area, Logistics  
and warehouse area

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

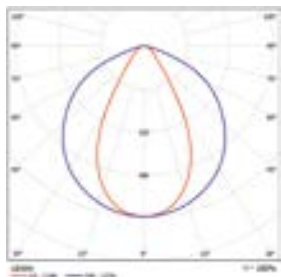


Light point height: > 4 m



**N optics**  
High warehouses

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

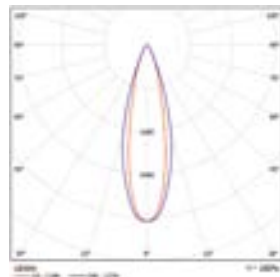


Light point height: > 7 m



**X optics**  
High-bay warehouse

- Very narrow radiation
- Ideal for very high light points

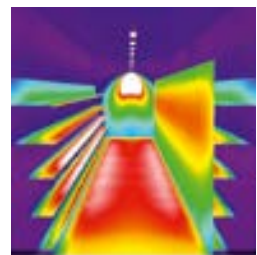
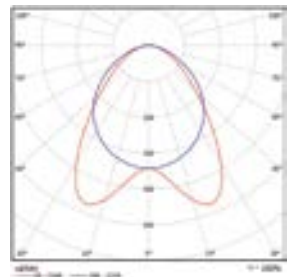


Light point height: > 12 m



**D optics**  
Supermarkets

- Double asymmetrical
- Targeted illumination of shelving



Light point height: > 2.6 m





# Integrated LED solutions

## Future-proof

### Loading zones

Eco StateLine  
STL 17"



Eco StreetLine  
Park



Eco StreetLine  
Twin



Eco IndustryLine  
Frame



### Building facade

Eco StreetLine  
Case



Eco IndustryLine  
Box



### Hallways & stairways

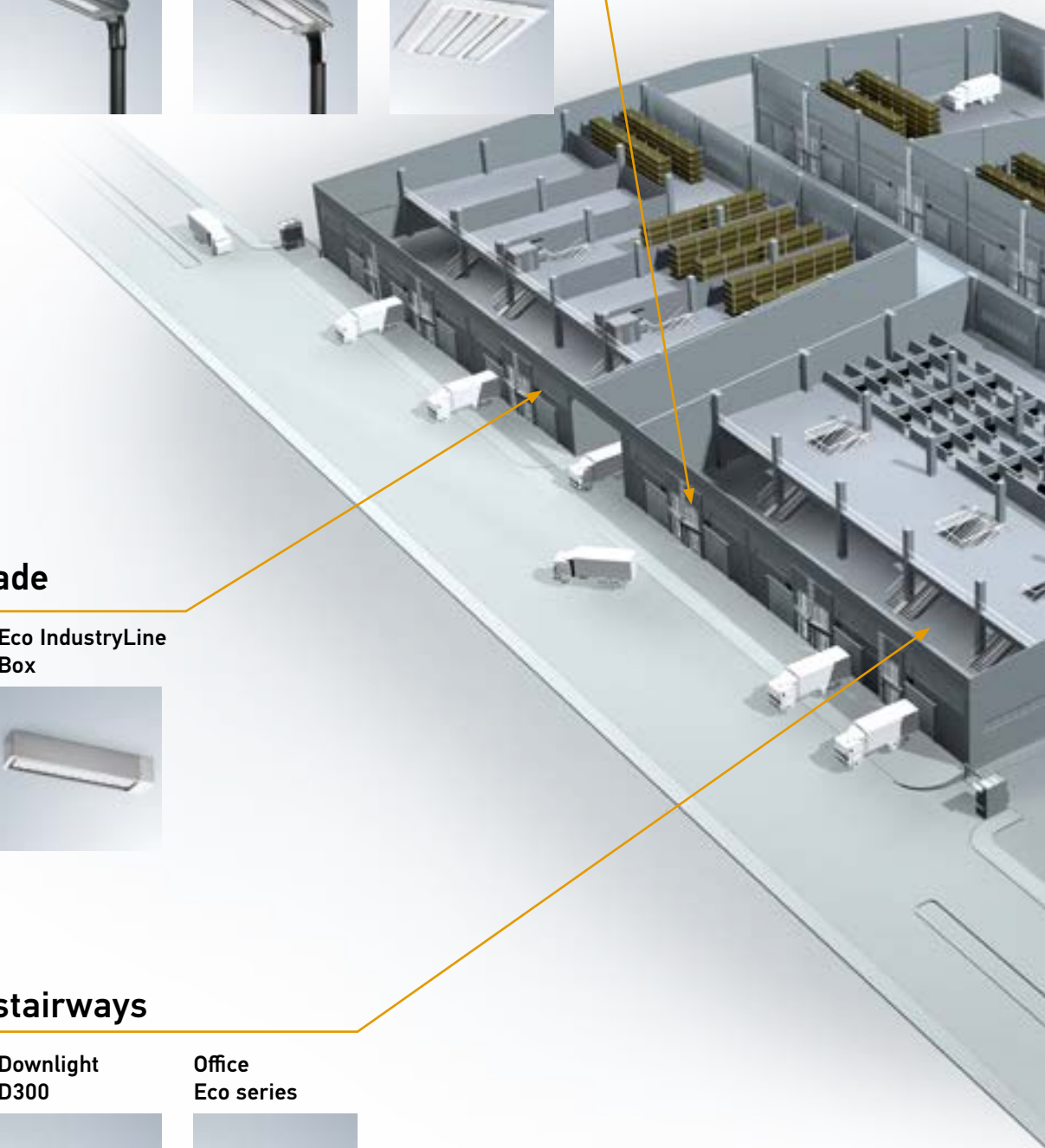
Universal Design  
Spot S100 series



Downlight  
D300



Office  
Eco series



## Logistics buildings & warehouses

Light line system  
IL2 PLUS



Eco IndustryLine  
Box



Highbay  
IL One



Highbay  
IL Up



Eco IndustryLine  
Basic



## Access routes & plazas

Eco StreetLine  
series



Eco StateLine  
STL 17"



Eco CityLine  
series



Eco CubeLine  
series



## Reception & administration

Downlight  
D300



Office Eco  
series



## 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:

→ Logistics buildings & warehouses

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 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:

→ Logistics buildings & warehouses

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	<b>W optics</b> 10,500 lm (100 W) / 16,500 lm (160 W) / 23,000 lm (230 W) <b>N optics</b> 9,500 lm (100 W) / 15,000 lm (160 W) / 20,500 lm (230 W)



## 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:

→ Logistics buildings & warehouses

Dimensions (L x W x H)	<b>IL Up M:</b> 480 x 405 x 125 mm <b>IL Up L:</b> 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



## 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:

→ Logistics buildings & warehouses, building facades

Dimensions (L x W x H)	<b>1 module:</b> 499 / 515 x 103 x 105 mm <b>2 modules:</b> 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:

→ Logistics buildings & warehouses

Dimensions	<b>Module one sided:</b> 461 x 78 x 62 mm <b>Module for through-wiring:</b> 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:

→ Loading zones

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:

→ Loading zones

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:

→ Access routes & plazas

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 CUBELINE | PARK<sup>2</sup>

### Pole mounted luminaire

The "Park<sup>2</sup>" impresses with its combination of intelligent light technologies, decorative design, and first-class lighting power. The result: Best visibility and outlook!

**Site of operation:**

→ Access routes & plazas

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



## 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:**

→ Building facades

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 | 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:**

→ Loading zones, access routes & plazas

Dimensions (L x W x H)	680 x 160 x 110 mm
IP Certification (Luminaire)	IP 67 / IP 69K
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 / 2,200 lm / 2,500 lm / 3,000 lm / 3,500 lm / 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:**

→ Loading zones, access routes & plazas

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 | 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:**

→ Access routes & plazas

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



## 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:**

→ Hallways & stairways

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:**

→ Hallways & stairways, reception & 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)



## 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:**

→ Hallways & stairways, reception & administration

Dimensions (L x W x H)	<b>Eco 600:</b> 595 x 595 x 10 mm / 622 x 622 x 10 mm <b>Eco 1200:</b> 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	<b>Eco 600:</b> 3,200 lm (3,000 K) / 3,400 lm (4,000 K) <b>Eco 1200:</b> 3,600 lm (3,000 K) / 3,800 lm (4,000 K)



# MADE IN GERMANY

**LED TECHNOLOGY FROM HELLA –  
A BRIGHT SUCCESS STORY**





## THE NATURE OF LIGHT

is abstract, but modular HELLA LED light technology proves that light can be turned into something much more and better than we are used to. For over 100 years, our company has concentrated on the topics of light, luminaires, and illumination technology. Naturally we have a high degree of knowledge and experience in the area. And because we have transformed this expertise into excellent light solutions for all areas of life, HELLA, a family-owned German company, has left traces across the world. Today, we develop, produce, and market light technology and electronics components and systems in over 35 nations.

## ... AND WHAT IT HAS TO OFFER

The superiority of LED luminaires over standard light solutions is clearly measurable. LEDs use much less electricity, reduce CO2 emissions, do not contain harmful mercury or any fragile parts, they do not heat up, and they are more powerful than conventional luminaires. Furthermore, they win high marks with their high service life and energy cost savings of up to 70%. This is why LEDs are also the best light solution for logistics and warehouses. Starting with facade illumination, to parking lot and access route illumination, through to targeted illumination of winding halls. Both outside and inside, HELLA LED luminaires provide a light that impresses with its perfect adjustment, modular design, and variable equipment with different optics. Intelligent light control and homogeneous illumination support the functional atmosphere while sharpening perception of details. HELLA's LED expertise and modular system also ensure a fast response to any changes in the workshop and in the environment at all times.





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[www.hella-industries.com](http://www.hella-industries.com)