

PRIMUS FUTURE IN LIGHT

HELLUX



Future in Light. 111 Primus.

Revolution

The future is here today. To strive for something new creates new directions. Continuously. LED technology revolutionizes street lighting. This future-oriented innovation affects the perception and design of urban spaces. Positively. Characterized by efficiency, sustainability, intelligence and design. Multi-faceted opportunities open up. A new epoch dawns. Primus.

Our Achievement

Primus – the future in light. The result of more than 100 years of experience in development and production of luminaires. The result of combining first-class craftsmanship with innovative and intelligent engineering. Our achievement. For the city of tomorrow. Today.

Quality

Experience in construction. Perfect manufacturing. The use of top-quality materials and components. The full LED street light 111 Primus is the sum of the highest standards. A unit made of high-performance LEDs and expertise in light technology. The convincing modular design offers flexibility and safety in planning. The result is a first-class sustainable solution. For the illumination of streets and plazas.

Design

The groundbreaking 111 Primus impresses with its characteristic noble design. Luminaire and bracket form one harmonious unit. Modern and timeless elegance is its signature feature. Primus. The future in light.

Sophisticated and Practical. Modular and Future-Proof.

Application and Installation

This multi-facetted luminaire utilizes matching brackets depending on the respective application. Whether used as a pole-top, lateral top, attachment or catenary suspension luminaire, the typical and character-defining features are appropriately emphasized.

The ingenious locking mechanism allows stepwise adjustment and inclination. Flexibility all the way.

LED

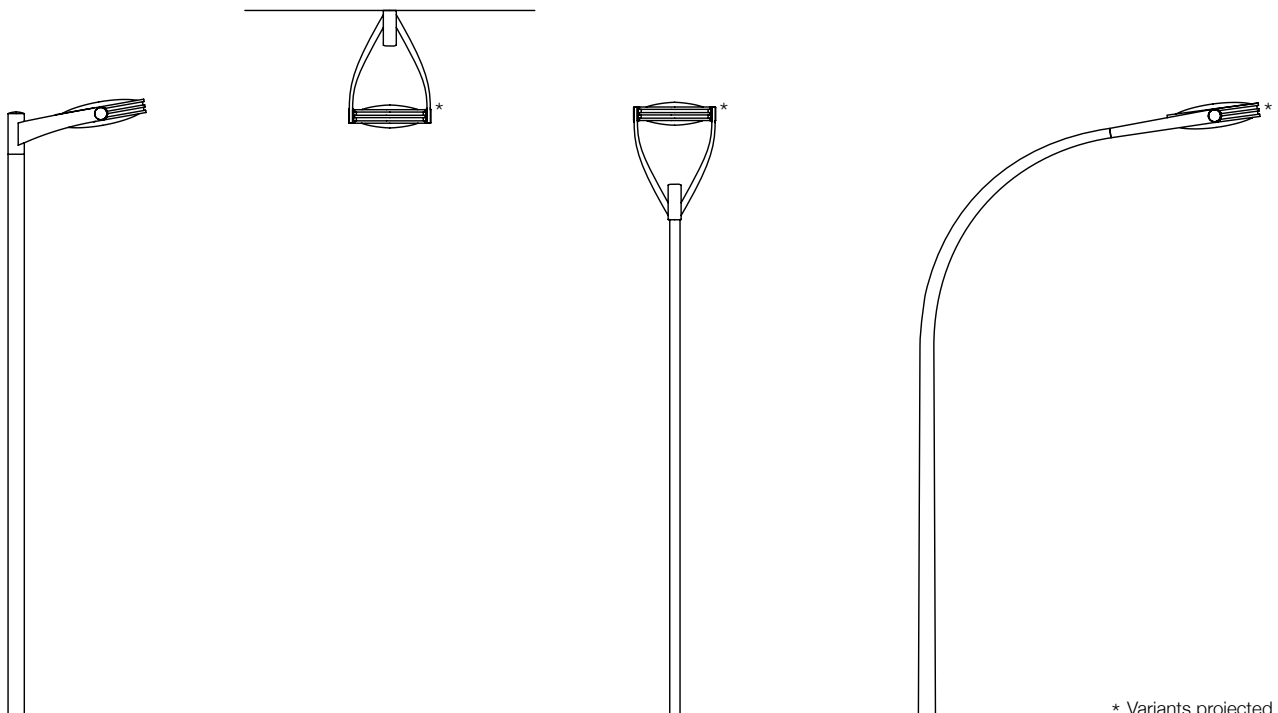
High-performance LEDs with attached lenses provide direct asymmetric light distribution.

The use of efficient high-performance LEDs enables low operating costs. The long service life of these LEDs also has a positive effect on maintenance costs. In case of maintenance needs, the 111 Primus can be opened without any tools.

Thanks to the excellent engineering, the thermal management is also groundbreaking. The LED modules and support plate are optimally integrated into the housing. The intelligent thermal conductance therefore has no effect on structure and design of the housing, thereby avoiding the need for any cooling fins. Instead, the 111 Primus shines through its smooth and dirt-repelling surfaces.

The system for control and dimming used in various luminaire types significantly increases the application benefits. For example, energy efficient and individual solutions can be implemented by using the DALI or 1-10 V interfaces.

Even more future readiness is guaranteed by the modular character of the full LED luminaire. The LED support plate, including drivers, can be easily replaced on site.



* Variants projected





111 Primus. Facts. Facts Count.

Application

Major roads, residential and collecting roads, reduced traffic zones, plazas, residential areas, parks.

Specification

Body, canopy, bracket arms, cooling radiator: die-cast aluminium; basic luminaire inclination: 10°, adjustments possible, locking mechanism uses lateral gears of luminaire mount; cover glass: acrylic glass (PMMA) smooth-clear, structured optional; polycarbonate (PC) smooth-clear or structured optional; colour: pursuant to RAL or DB specifications.

Optical System

High-performance LEDs, modular design with adapter lens; optimised light distribution: LED modules mounted with inclination; efficient thermal management through directly integrated LED modules on radiator module; continuously dimmable.

Lamp Units

High-performance LED	36 / 48 LEDs with 36 W / 48 W LED power, 45 W / 58 W system power Colour temperature 5.400 K
----------------------	-------------------------------------------------------------------------------------------------------

Technical Specifications

Nominal voltage	230 V~, 50 Hz
IP rating	I, II optional
Protection type	IP 65
Wind-exposed area	approx. 0,12 m ²
Weight	approx. 10 kg

Installation

Pole-top luminaire with series-specific bracket system for pole end Ø 60 mm or Ø 76 mm; as classical pole-top luminaire pointing upward or sideways via bracket arm; Catenary luminaire with wire suspension.

Easy Maintenance

Opening: Luminaire canopy folds upward without tools using interior 4-point hinges; LED module replacement: minimum amount of tools; diffuser replacement: without tools.

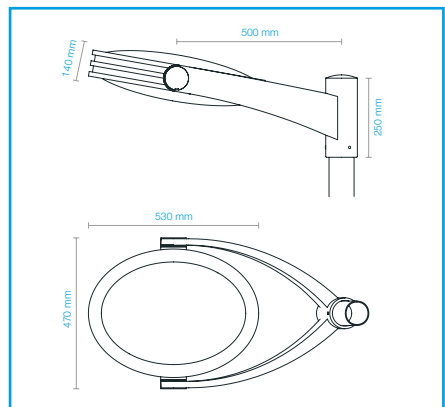
Special Features

Luminaire system consists of luminaire and bracket system.

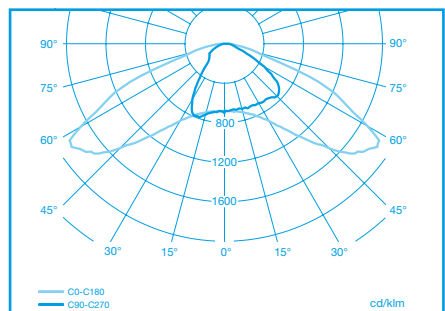
Detailed view



Dimensions (mm)



light Distribution (example)



Hellux GmbH

Mergenthalerstrasse 6

30880 Laatzen, Germany

Phone +49 (0)511 820 10-0

Fax +49 (0)511 820 10-102

Hellux Konstruktions-Licht GmbH

Nunsdorfer Ring 20

12277 Berlin, Germany

Phone +49 (0)30 720 830-0

Fax +49 (0)30 720 830-199

info@hellux.com

www.hellux.com

HELLUX

efficient lighting.