

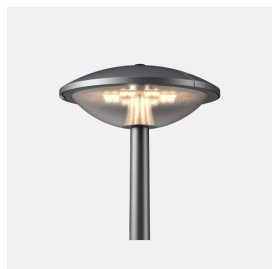


Modular street luminaire in two body sizes with increased serviceability, enabling tool-free replacement of the light module and power supply. Designed for professional lighting of various urban application spaces.

- Possible illuminance control
- Modern design
- Reliability
- **High efficacy to 158 lm/W**



Other pictures



Mechanical data

Mounting
on pillar ø60mm

Body colour
gray

Detail
white

Operating temperature range
-40 ... +55

Body
high pressure die-cast aluminum

Lateral Surface Wind Exposed
0.078 m²

Corrosion class
C5

Electrical data

Electrical connection
max 3x1,5 mm² wire

Power
220-240V 50/60Hz

Includes light source
yes

Luminaire power [W]
8 - 105

Output current [mA]
150, 500, 1050

Type of equipment
ED

Light source / lamp
LED

Maximum number of luminaires in the circuit with a 10A fuse (B)
7 - 18

Maximum number of luminaires in the circuit with a 16A fuse (B)
12 - 30

Optical data

Light distribution
asymmetric

Way of lighting
direct

Type of optic
O1 - for road lighting

Reflector
white

Diffuser
polycarbonate

Colour temperature [K]
4000

CRI/Ra
70

MacAdam's steps
3

Lumen luminaire [lm]
1150 - 14100

Efficacy [lm/W]
134 - 158

Photobiological risk group
RG1

SVM
≤0,4

PstLM
≤1

Number of LEDs
32

General data

Available on request
DALI, DIM 1..10V, CLO, 10kV surge protection, NTC, ZHAGA connector, D4i

Other remarks
the pole and boom are not part of the luminaire

Lifetime L90B10
100 000 h

Warranty
5 years

Compliant with British Standards: BS 5489-1 2020; BS EN 13201 2015; BS EN 60598-2-3:2003+A1:2011 and BS EN IEC 60598-1:2021+A11:2022.

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com

Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

The parameters in the data sheet are given for Ta=25°C.

The operating temperature ranges apply only to luminaires used in the outdoor environment.

Colour temperature tolerance +/- 5%.

Dimensions

| Dimensions [mm] WxHxD2 | Mounting dimensions [mm] ØS | Pallet quantity | Quantity in package | Net weight [kg] |
|---------------------------|-----------------------------------|--------------------|------------------------|-----------------------|
| 550x210x227 | 60 | 18 | 1 | 8.5 |