



Modern urban-park luminaire for LED light sources, with catenary mounting and distinctive design.

- **High efficacy to 168 lm/W**
- Possible illuminance control
- Modern design
- Reliability



## Other pictures

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## Mechanical data

### Mounting

catenary, on a  $\varnothing 6$ -15mm diameter cable

### Body colour

graphite, gray

### Operating temperature range

-40 ... +45, -40 ... +50

### Body

high pressure die-cast aluminum

### Lateral Surface Wind

#### Exposed

0.048 m<sup>2</sup>

### Type

C version (O12, O13, O14, O15, O16, O17, O18, O19, O20, O21, O22 optics), C version (O2, O3, O4, O5, O6L, O6P, O7, O8, O9, O10, O11 optics)

## Electrical data

### Power

220-240V 50/60Hz

### Includes light source

yes

### Luminaire power [W]

21 - 107

### Output current [mA]

200, 300, 500, 700, 1050

### Type of equipment

DALI, ED

### Maximum number of luminaires in the circuit with a 16A fuse (B)

30

## Optical data

### Way of lighting

direct

### Type of optic

O10 - for pedestrian zones, O11 - for local roads, O12 - for express roads, O13 - for local roads, O14 - for town roads, O15 - for residential area roads, O16 - for pedestrian crossings, left side traffic, O17 - for pedestrian crossings, right side traffic, O18 - for area lighting, O19 - for town and local roads, O2 - for express roads, O20 - for wet surfaces, O21 - for pedestrian zones, O22 - for local roads, O3 - for local roads, O4 - for town roads, O5 - for residential area roads, O6L - for pedestrian crossings, left side traffic, O6P - for pedestrian crossings, right side traffic, O7 - for area lighting, O8 - for town and local roads, O9 - for wet surfaces

### Diffuser

tempered glass

### Colour temperature [K]

2200, 2700, 3000, 4000

### CRI/Ra

>70

### MacAdam's steps

5

### ULOR / DLOR

0% / 100%

### Lumen luminaire [lm]

2250 - 15700

### Efficacy [lm/W]

90 - 168

### Photobiological risk group

RG0, RG1

### Number of LEDs

32

## General data

### Additional information

Luminaires are not equipped with a tight connector; photobiological risk group RG0 (applies to selected indexes); luminaire equipped with 1.2 m cable

### Available on request

CLO, twilight sensor, 10kV surge protection, NTC, NEMA connector, ZHAGA connector, iBLOC controller, extension of the warranty to 10 years

### 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.

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%.

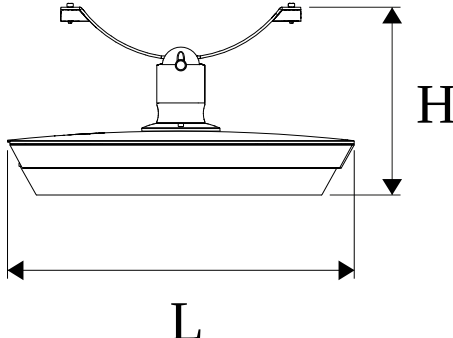
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty Terms available on our website [www.luglightfactory.com](http://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  $T_a=25^{\circ}\text{C}$ .  
The operating temperature ranges apply only to luminaires used in the outdoor environment.  
Colour temperature tolerance  $\pm 5\%$ .

## Dimensions

Dimensions [mm] LxH	Pallet quantity	Quantity in package	Net weight [kg]	
550x295	20	1	12.8	

## Accessories

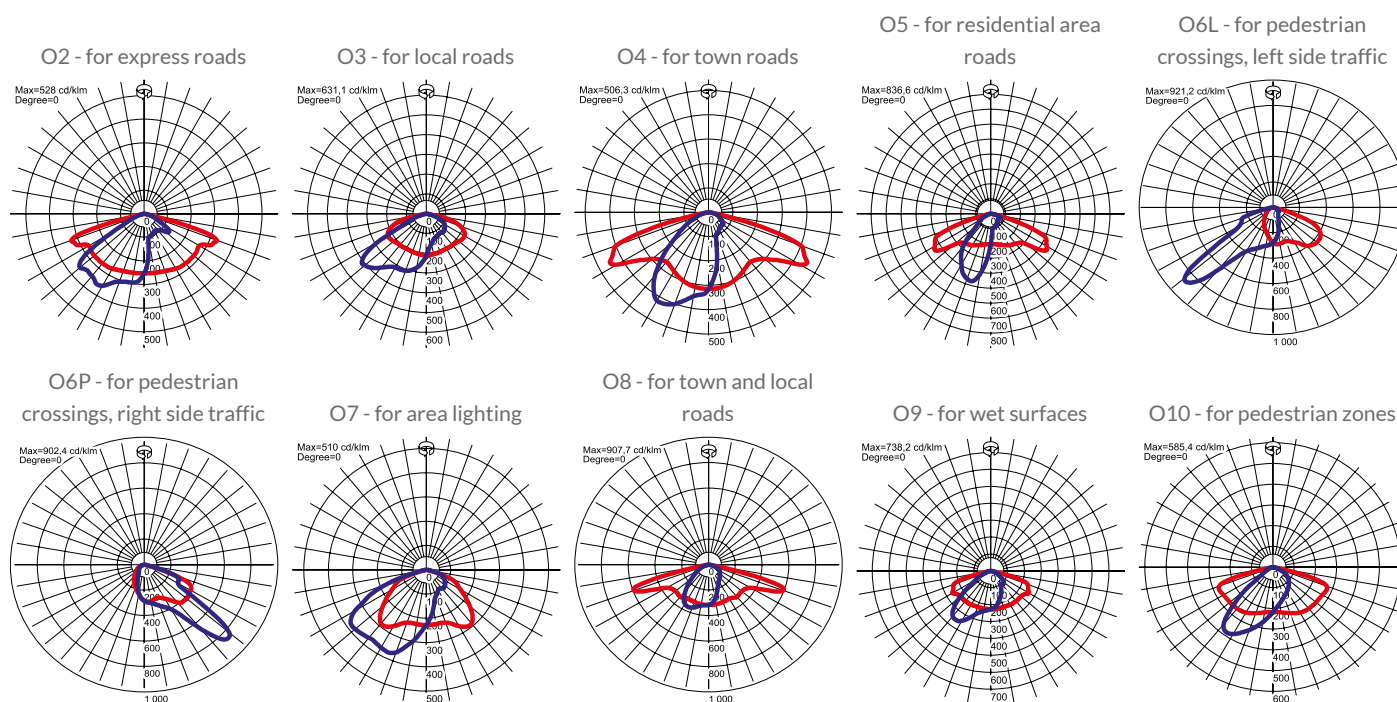


150170.01022 2 field connectors IP68

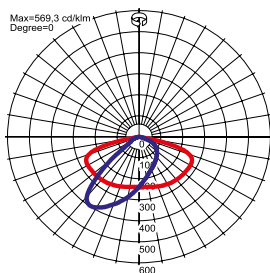


150170.01024 4 field connectors IP68

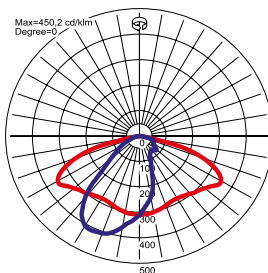
## Light beam curves



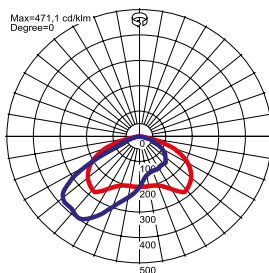
O11 - for local roads



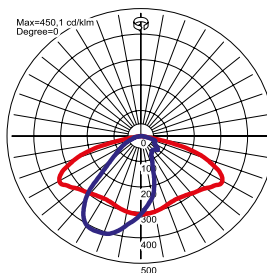
O12 - for express roads



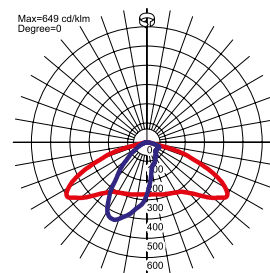
O13 - for local roads



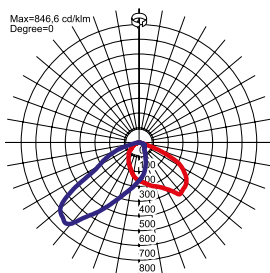
O14 - for town roads



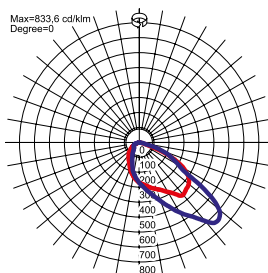
O15 - for residential area roads



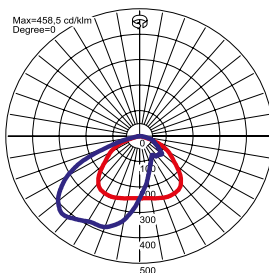
O16 - for pedestrian crossings, left side traffic



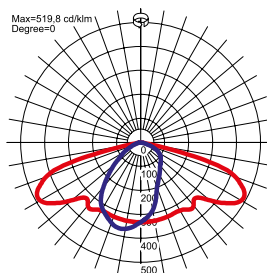
O17 - for pedestrian crossings, right side traffic



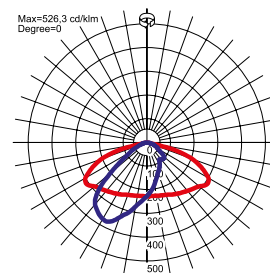
O18 - for area lighting



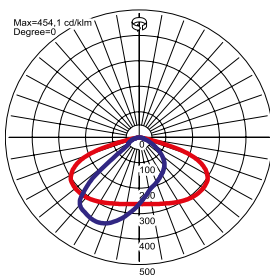
O19 - for town and local roads



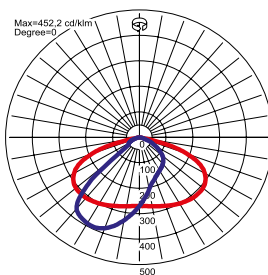
O20 - for wet surfaces



O21 - for pedestrian zones



O22 - for local roads

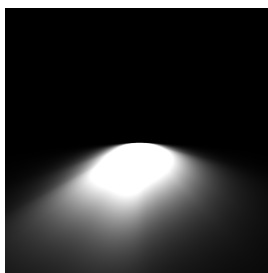


## Way of lighting

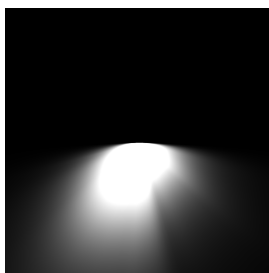
O2 - for express roads



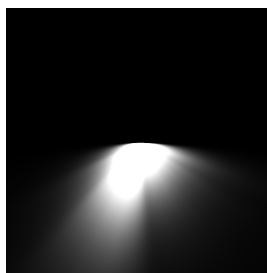
O3 - for local roads



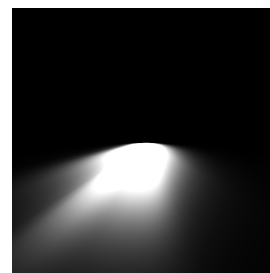
O4 - for town roads



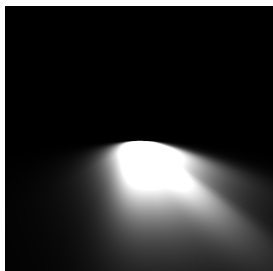
O5 - for residential area roads



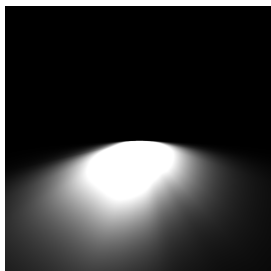
O6L - for pedestrian crossings, left side traffic



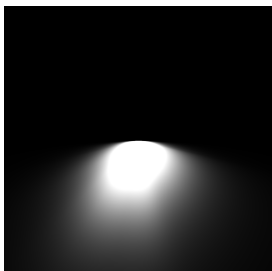
O6P - for pedestrian crossings, right side traffic



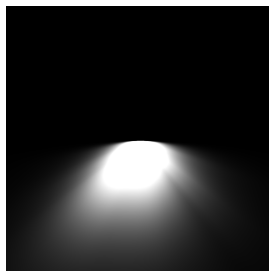
O7 - for area lighting



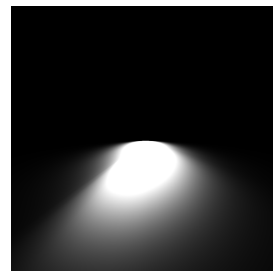
O8 - for town and local roads



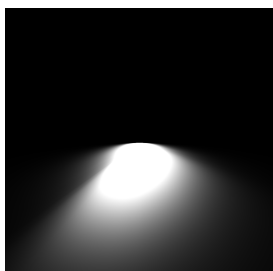
O9 - for wet surfaces



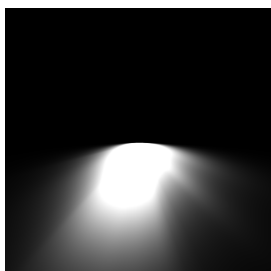
O10 - for pedestrian zones



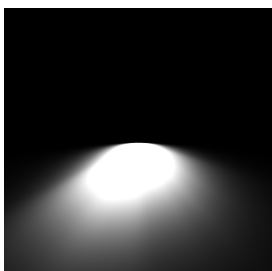
O11 - for local roads



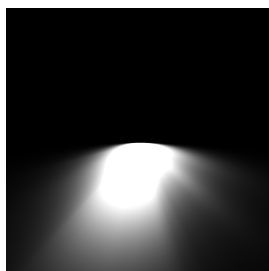
O12 - for express roads



O13 - for local roads



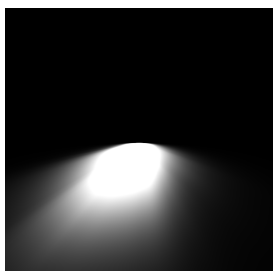
O14 - for town roads



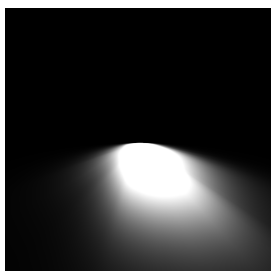
O15 - for residential area roads



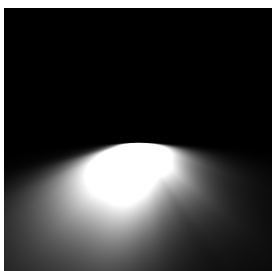
O16 - for pedestrian crossings, left side traffic



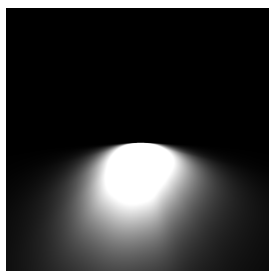
O17 - for pedestrian crossings, right side traffic



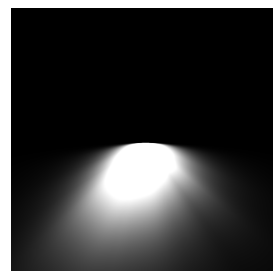
O18 - for area lighting



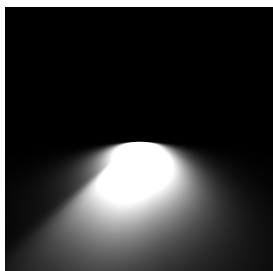
O19 - for town and local roads



O20 - for wet surfaces



O21 - for pedestrian zones



O22 - for local roads

