



Modern urban-park luminaire for LED light sources with multiple mounting options and distinctive design. In order to mount the luminaire, a suitable mounting bracket (accessories) must be ordered.

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



Other pictures



Mechanical data

Mounting

on pillar, on outriggers, with mounting brackets (on request)

Body colour

graphite, gray

Operating temperature range

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

Body

high pressure die-cast aluminum

Lateral Surface Wind

Exposed
0.078 m²

Type

DOME version (O12, O13, O14, O15, O16, O17, O18, O19, O20, O21, O22 optics), DOME 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 1.0 m cable; the luminaire is fitted with a cable which must not be exposed to UV radiation

Available on request

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

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.

The product picture shows a luminaire with a sample mounting bracket.

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%.

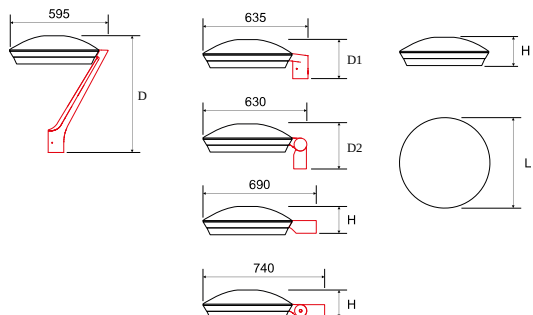
Power tolerance +/- 5%.

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 $T_a=25^{\circ}\text{C}$.
The operating temperature ranges apply only to luminaires used in the outdoor environment.
Colour temperature tolerance $\pm 5\%$.

Dimensions

| Dimensions [mm] LxHxDxD1xD2 | Pallet quantity | Quantity in package | Net weight [kg] |  | | |
|--------------------------------|--------------------|------------------------|-----------------------|--|--|--|
| 550x175x720x240x280 | 16 | 1 | 10 | | | |

Accessories



■ 150175.01128
■ 150172.01116

ARTERA LED Mounting bracket 7 - to poles with a diameter of $\varnothing 76/60$



■ 150175.01129
■ 150172.01117

ARTERA LED Mounting bracket L - to poles with a diameter of $\varnothing 76/60$



■ 150175.01130
■ 150172.01118

ARTERA LED Regulated mounting bracket - for booms with a diameter of $\varnothing 60/42$



■ 150175.01131
■ 150172.01119

ARTERA LED Fixed mounting bracket - for booms with a diameter of $\varnothing 60/42$

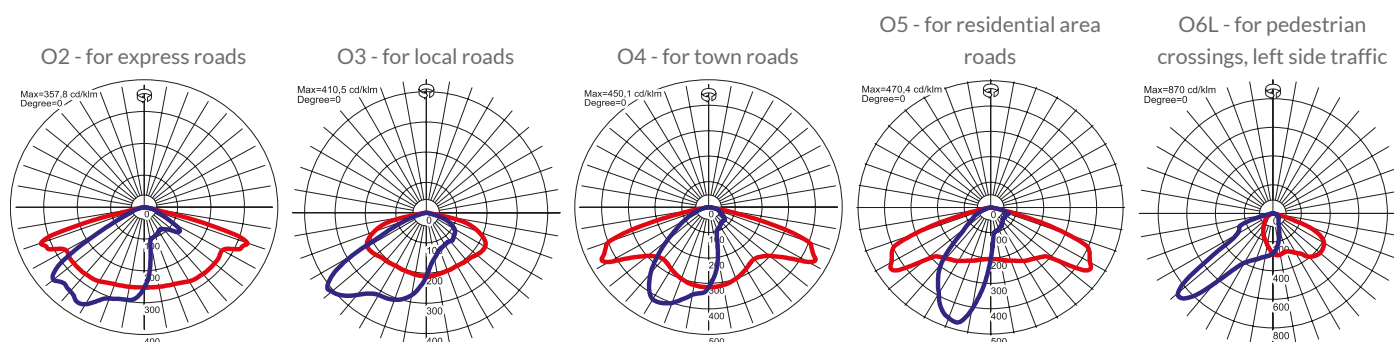


150170.01022 2 field connectors IP68

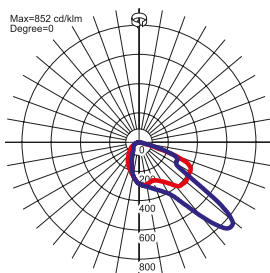


150170.01024 4 field connectors IP68

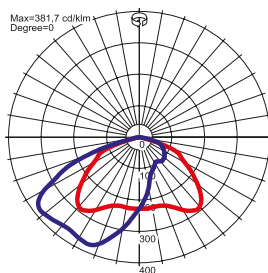
Light beam curves



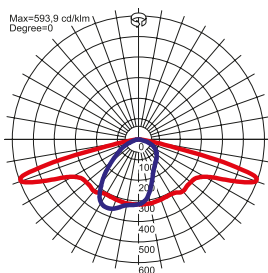
O6P - for pedestrian crossings, right side traffic



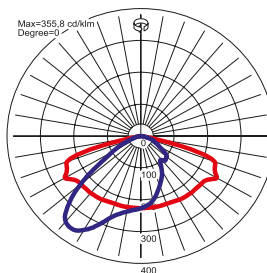
O7 - for area lighting



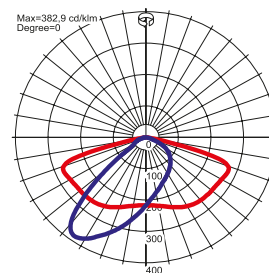
O8 - for town and local roads



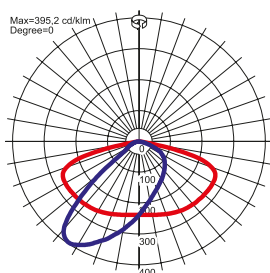
O9 - for wet surfaces



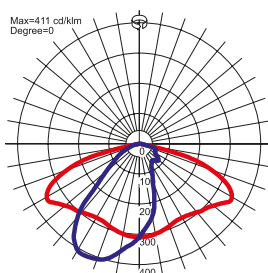
O10 - for pedestrian zones



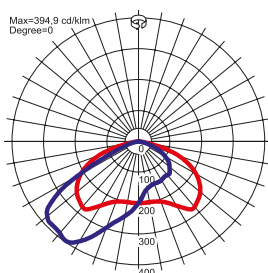
O11 - for local roads



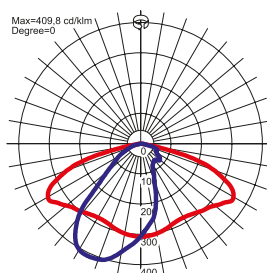
O12 - for express roads



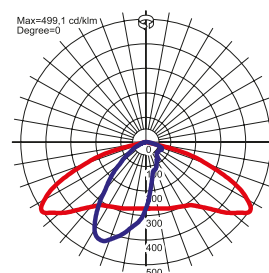
O13 - for local roads



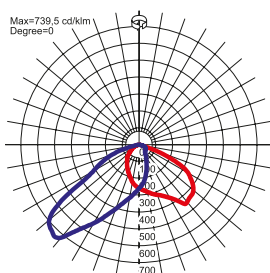
O14 - for town roads



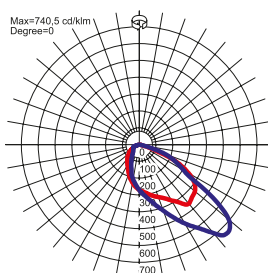
O15 - for residential area roads



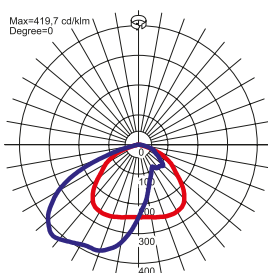
O16 - for pedestrian crossings, left side traffic



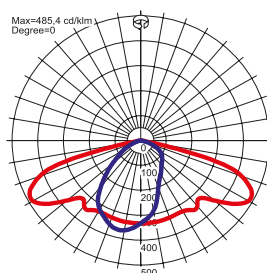
O17 - for pedestrian crossings, right side traffic



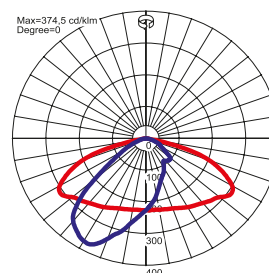
O18 - for area lighting



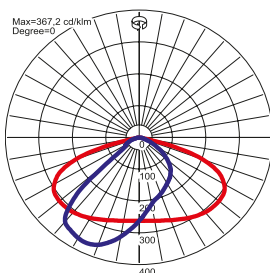
O19 - for town and local roads



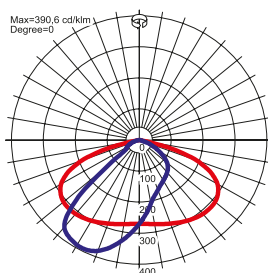
O20 - for wet surfaces



O21 - for pedestrian zones



O22 - for local roads

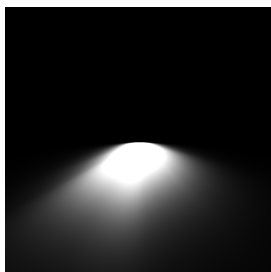


Way of lighting

O2 - for express roads



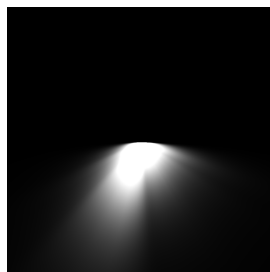
O3 - for local roads



O4 - for town roads



O5 - for residential area roads



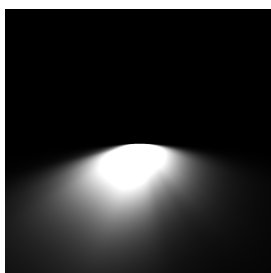
O6L - for pedestrian crossings, left side traffic



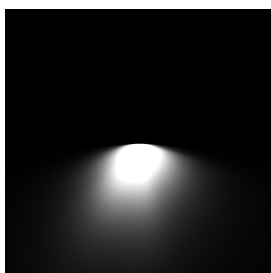
O6P - for pedestrian crossings, right side traffic



O7 - for area lighting



O8 - for town and local roads



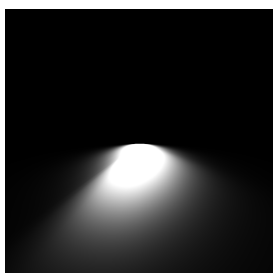
O9 - for wet surfaces



O10 - for pedestrian zones



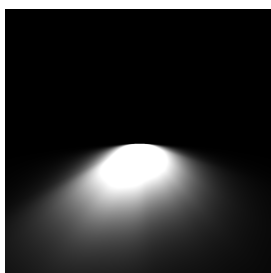
O11 - for local roads



O12 - for express roads



O13 - for local roads



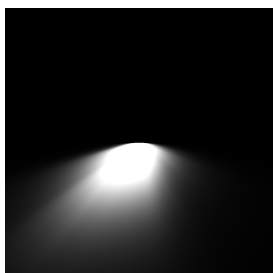
O14 - for town roads



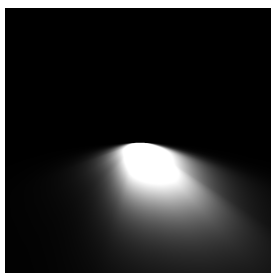
O15 - for residential area roads



O16 - for pedestrian crossings, left side traffic



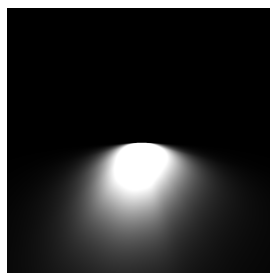
O17 - for pedestrian crossings, right side traffic



O18 - for area lighting



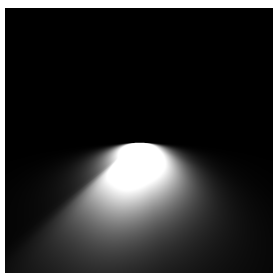
O19 - for town and local roads



O20 - for wet surfaces



O21 - for pedestrian zones



O22 - for local roads

