EN

# ARTERA LED

220-240V
50/60 Hz

LED

IP 66

IK 10

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








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## 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**
0.048 m²

**Type**
Standard (O12, O13, O14, O15, O16, O17, O18, O19, O20, O21, O22 optics), Standard (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

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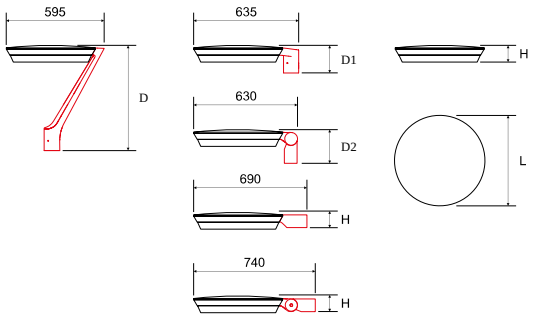
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.
The operating temperature ranges apply only to luminaires used in the outdoor environment.
Colour temperature tolerance +/- 5%.

## Dimensions

| Dimensions [mm] LxHxDxD1xD2 | Pallet quantity | Quantity in package | Net weight [kg] |
|---|---|---|---|
| 550x100x645x165x205 | 20 | 1 | 9.2 |




## Accessories

150175.01128
150172.01116

ARTERA LED Mounting bracket 7 - to poles with a diameter of Ø76/60

150175.01129
150172.01117

ARTERA LED Mounting bracket L - to poles with a diameter of Ø76/60

150175.01130
150172.01118

ARTERA LED Regulated mounting bracket - for booms with a diameter of Ø60/42

150175.01131
150172.01119

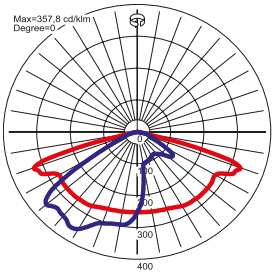
ARTERA LED Fixed mounting bracket - for booms with a diameter of Ø60/42

150170.01022 2 field connectors IP68

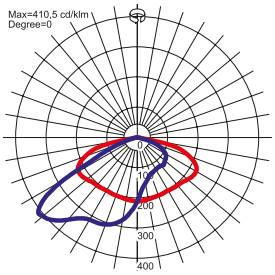
150170.01024 4 field connectors IP68

## Light beam curves

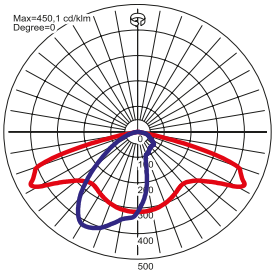
O2 - for express roads



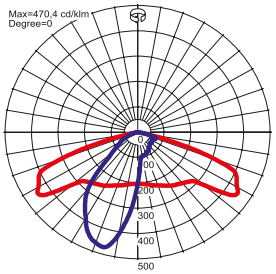

O3 - for local roads



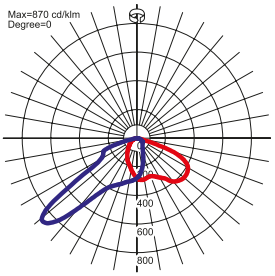

O4 - for town roads




O5 - for residential area roads




O6L - for pedestrian crossings, left side traffic



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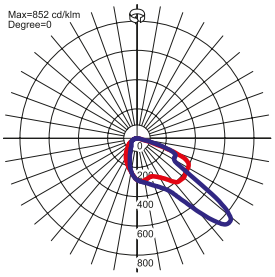
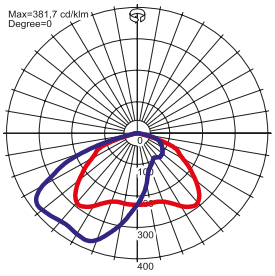
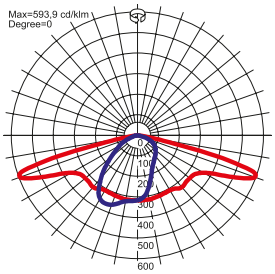
O6P - for pedestrian crossings, right side traffic



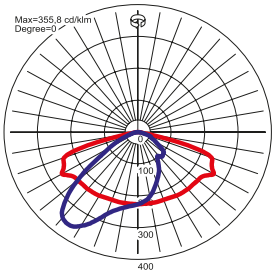

O7 - for area lighting



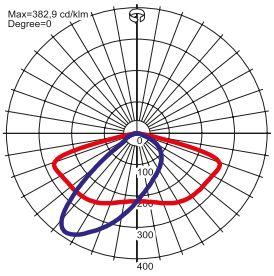

O8 - for town and local roads



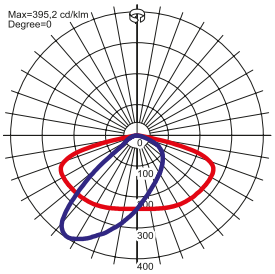

O9 - for wet surfaces



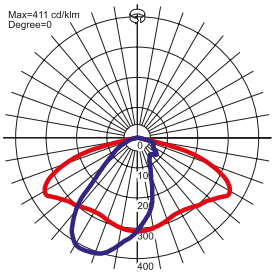

O10 - for pedestrian zones



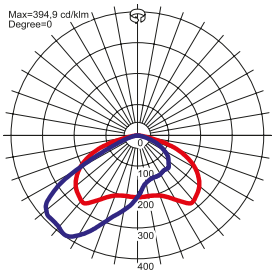

O11 - for local roads



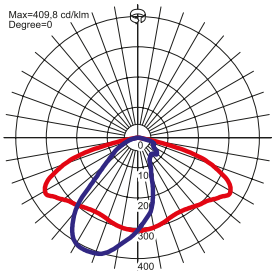

O12 - for express roads



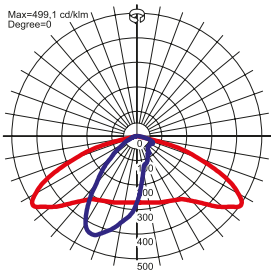

O13 - for local roads



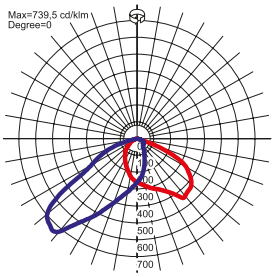

O14 - for town roads



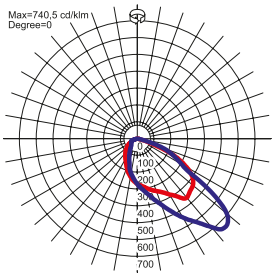

O15 - for residential area roads



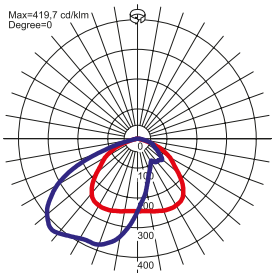

O16 - for pedestrian crossings, left side traffic



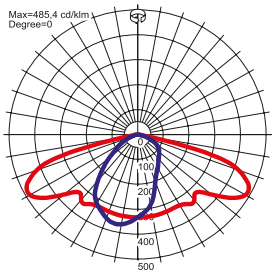

O17 - for pedestrian crossings, right side traffic



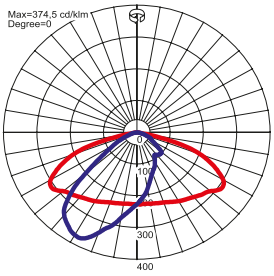

O18 - for area lighting



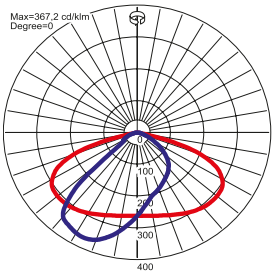

O19 - for town and local roads



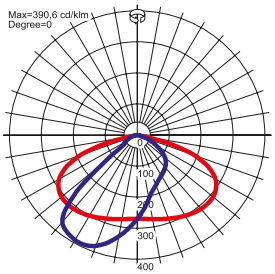

O20 - for wet surfaces




O21 - for pedestrian zones




O22 - for local roads




Date of issue: 19-03-2025

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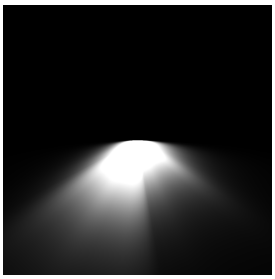
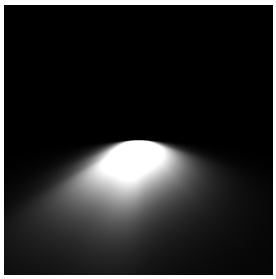
## Way of lighting

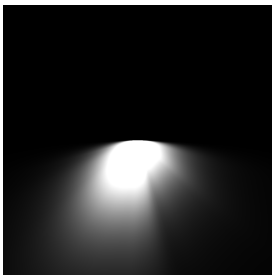
O2 - for express roads



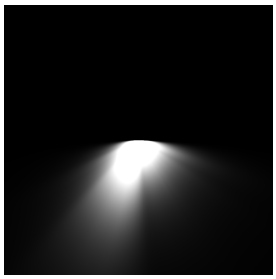
O3 - for local roads



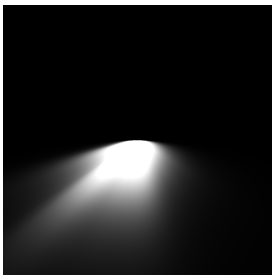
O4 - for town roads



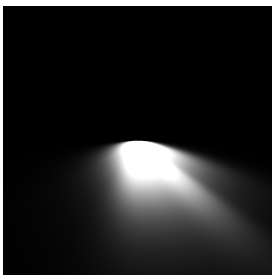
O5 - for residential area roads



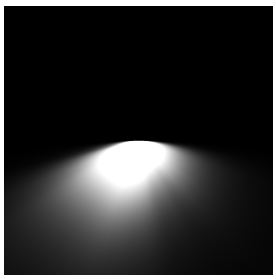
O6L - for pedestrian crossings, left side traffic



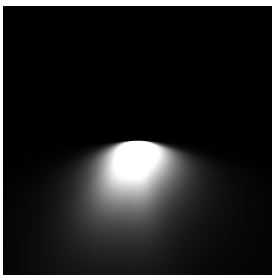
O6P - for pedestrian crossings, right side traffic



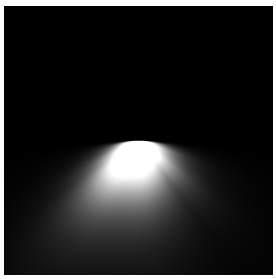
O7 - for area lighting



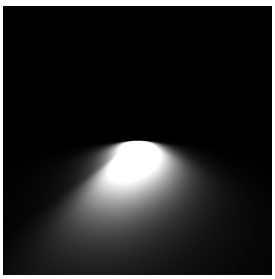
O8 - for town and local roads



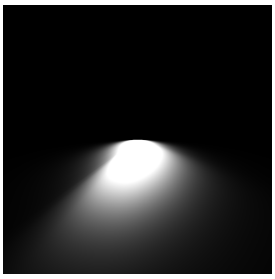
O9 - for wet surfaces



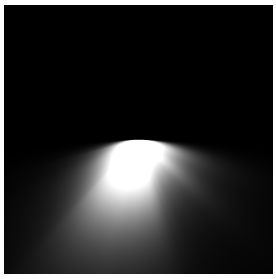
O10 - for pedestrian zones



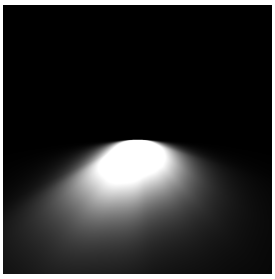
O11 - for local roads



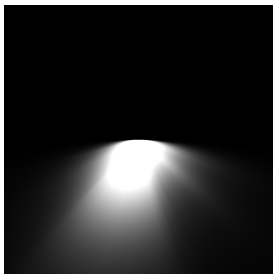
O12 - for express roads



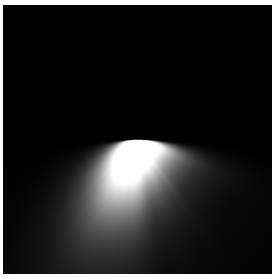
O13 - for local roads



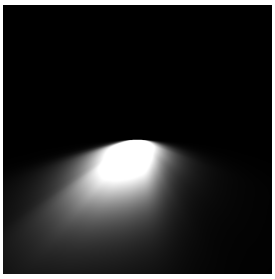
O14 - for town roads



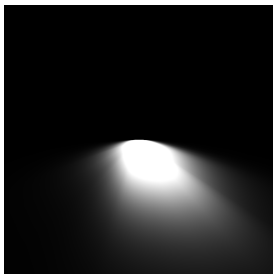
O15 - for residential area roads



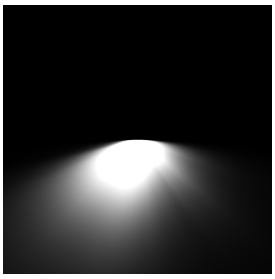
O16 - for pedestrian crossings, left side traffic



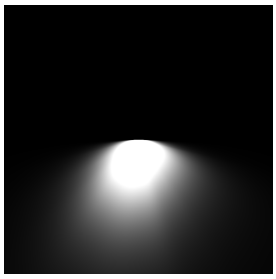
O17 - for pedestrian crossings, right side traffic



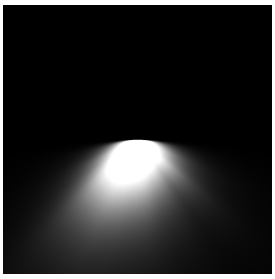
O18 - for area lighting



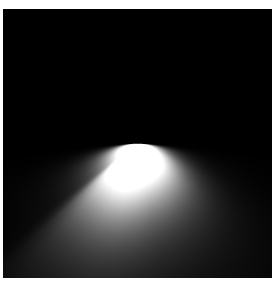
O19 - for town and local roads



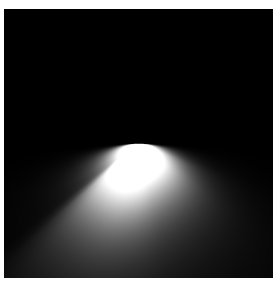
O20 - for wet surfaces



O21 - for pedestrian zones



O22 - for local roads



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# ARTERA LED

## Przykładowe realizacje

Castellanza, Italy