EN

ARTERA LED

Group in catalogue: PARK LUMINAIRES

220-240V 50/60 Hz | IK 10 | IP 66 | LED

130545.5L262.030
ARTERA LED DOME S version ED 21W 2850lm 2700K IP66 O4 - for town roads graphite II

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



TECHNICAL DATA

Mounting: suspended on a mounting tube with diameter ø42
Body: high pressure die-cast aluminum
Lateral Surface Wind Exposed: 0.078 m^2
Colour: graphite
Operating temperature range [°C]: -40 ... +50

ELECTRICAL DATA

Power supply efficiency: 90%
Power: 220-240V 50/60Hz
Includes light source: yes
Output current [mA]: 200
Type of equipment: ED
Light source / lamp: LED
Electrical connection: luminaire equipped with 2x1,5 mm^2 wire with a length of 7 m - S version
Maximum number of luminaires in the circuit with a 16A fuse (B): 30

OPTICAL DATA

Way of lighting: direct
Type of optic: O4 - for town roads
Diffuser: tempered glass
CRI/Ra: >70
Lumen luminaire [lm]: 2850
Colour temperature [K]: 2700
MacAdam's steps: 5
ULOR / DLOR: 0% / 100%

GENERAL DATA

Lifetime LED (L90): 100 000 h
Available on request: LLOC, twilight sensor, 10kV surge protection, NTC, NEMA connector, ZHAGA connector, iBLOC controller
Warranty: 5 years
Application: avenues, sidewalks, parks, residential, public spaces, Railway stations, facades, promenade, roads, local roads, town roads, residential area roads, parking areas, playgrounds
Additional information: Luminaires are not equipped with a tight connector; photobiological risk group RG0 (applies to selected indexes); luminaire equipped with 7 m cable; the pole and boom are not part of the luminaire

CERTIFICATES, COMPLIANCES

Energy class: A++
Photobiological risk group: RG1

Code	Protection Class	Type of optic	Type of equipment	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
130545.5L262.030	II	O4 - for town roads	ED	21	2850	136	2700	>70	-40 ... +50

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%.

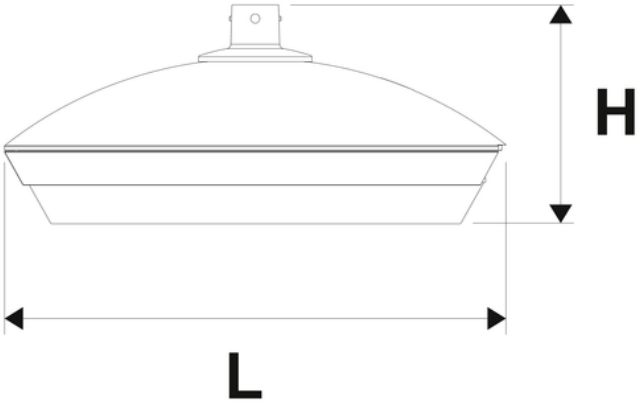
The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires

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Code	Dimensions [mm] L H	Pallet quantity	Quantity in package	Net weight [kg]
130545.5L262.030	550 240	12	1	10,5



ACCESSORIES



150170.01022 2 field connectors IP68

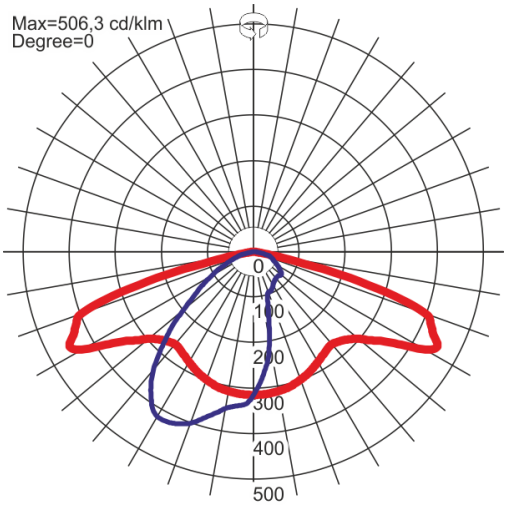


150170.01024 4 field connectors IP68

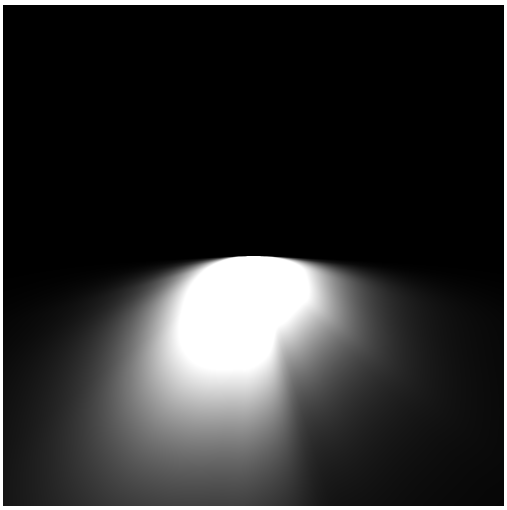


150170.01135 Template

LIGHT BEAM CURVES



WAY OF LIGHTING



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Date of issue: 17-8-2021

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