

**130782.5L161.110****URBINO LED S ED 16W 2400lm 4000K IP66 011 gray I**

A functionally optimised modern LED luminaire that complements the URBINO LED luminaire family in an environmentally responsible way with solutions for lower power and flux points.

**TECHNICAL DATA****Mounting:** on pillar ø60/40mm, on outriggers ø60/40mm**Body:** high pressure die-cast aluminum**Lateral Surface Wind Exposed:** 0.035 m<sup>2</sup>**Colour:** gray**RAL:** 7035**Operating temperature range [°C]:** -40 ... +55**ELECTRICAL DATA****Power supply efficiency:** ≤93%**Power:** 220-240V 50/60Hz**Includes light source:** yes**Output current [mA]:** 200**Type of equipment:** ED**Light source / lamp:** LED**Electrical connection:** max 3x1,5 mm<sup>2</sup> wire**Maximum number of luminaires in the circuit with a 10A fuse (B):** 8**Maximum number of luminaires in the circuit with a 16A fuse (B):** 12**Maximum number of luminaires in the circuit with a 25A fuse (B):** 20**OPTICAL DATA****Way of lighting:** direct**Type of optic:** 011**Diffuser:** tempered glass**CRI/Ra:** >70**Lumen luminaire [lm]:** 2400**Colour****temperature [K]:** 4000**MacAdam's steps:** 3**ULOR / DLOR:** 0% / 100%**Number of LEDs:** 24**GENERAL DATA****Lifetime LED (L90):** 100 000 h**Available on request:** DALI, DIM 1..10V, knife switch, 10kV surge protection, NTC, NEMA connector, ZHAGA connector, version with increased corrosion resistance in accordance with class C5-M, extension of the warranty to 10 years**Warranty:** 5 years**Application:** cycle paths, avenues, sidewalks, parks, parking areas, Railway stations, residential, public spaces, playgrounds, promenade, local roads, town roads, residential area roads, pedestrian crossings**Additional information:** the standard version of the luminaire is corrosion resistant according to class C4**Other remarks:** the pole and boom are not part of the luminaire**Additional equipment:** luminaire with pole mounting bracket ø76mm (index extension: .829), luminaire with adjustable bracket ø60mm with adjustment range from -20° to +145° (index extension: .867), luminaire with adjustable bracket ø76mm with adjustment range from -20° to +145° (index extension: .874), dual Zhaga connector for IoT controller and motion sensor (index extension: .875)**CERTIFICATES, COMPLIANCES****Photobiological risk group:** RG1

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%; colour temperature 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)

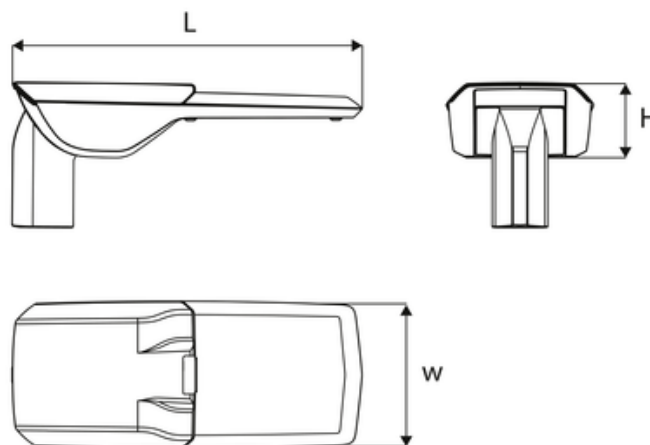
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

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

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

Code	Protection Class	Type of optic	Type of equipment	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	Operating temperature range [°C]
130782.5L161.110	I	011	ED	16	2400	150	4000	-40 ... +55

Code	Dimensions [mm] L W H	Quantity of luminaires per pallet	Quantity in package	Net weight [kg]
130782.5L161.110	470 200 100	70	1	4,5



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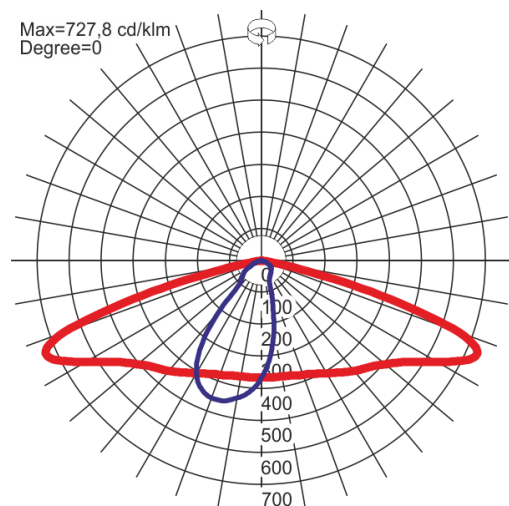
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## ACCESSORIES

	770020.001	eBLOC-N Controller - Thread communication		770020.002	eBLOC-N Controller - Thread communication + GNSS location
	770020.004	eBLOC-N Controller - LTE Cat M1/2G communication + GNSS location		770030.001	eBLOC-Z Controller - Thread communication
	770030.002	eBLOC-Z Controller - Thread communication + GNSS location		770030.004	eBLOC-Z Controller - LTE Cat M1/2G communication + GNSS location
	790013.001	HUBloT-1 EU pole mounted		790013.002	HUBloT-1 EU surface-mounted
	790013.003	HUBloT-1 EU Ethernet pole mounted		790013.004	HUBloT-1 EU Ethernet surface-mounted
	790013.101	HUBloT-1 Global pole mounted		790013.102	HUBloT-1 Global surface-mounted
	790013.103	HUBloT-1 Global Ethernet pole mounted		790013.104	HUBloT-1 Global Ethernet surface-mounted

## LIGHT BEAM CURVES

## WAY OF LIGHTING



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