

**130772.5L082.090****URBINO LED S ED 16W 1850lm 4000K IP66 O9  
- for residential area roads gray II**

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.

- Possible illuminance control
- Modern design
- Simple one person mounting
- Reliability



## Mechanical data

### Mounting

on pillar ø40-60mm, on outriggers ø40-60mm

### Body colour

gray

### Operating temperature range

-40 ... +55

### RAL

7035

### Body

high pressure die-cast aluminum

### Lateral Surface Wind

#### Exposed

0.035 m<sup>2</sup>

### Type

O1, O2, O3, O4, O5, O6, O7, O8, O9, O19, O20, O21 optics

### Corrosion class

C4

## Electrical data

### Electrical connection

max 2x2,5 mm<sup>2</sup> wire

### Power

220-240V 50/60Hz

### Includes light source

yes

### Luminaire power [W]

16

### Output current [mA]

400

### Type of equipment

ED

### Light source / lamp

LED

### Maximum number of luminaires in the circuit with a 10A fuse (B)

28

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

44

### Maximum number of luminaires in the circuit with a 25A fuse (B)

51

## Optical data

### Way of lighting

direct

### Type of optic

O9 - for residential area roads

### Diffuser

tempered glass

### Colour temperature [K]

4000

### CRI/Ra

>70

### MacAdam's steps

3

### ULOR / DLOR

0% / 100%

### Lumen luminaire [lm]

1850

### Efficacy [lm/W]

116

### Photobiological risk group

RG1

### SVM

0,24

### PstLM

0,784

### Number of LEDs

12

### DarkSky

no

## General data

### Additional equipment

luminaire with pole mounting bracket ø76mm (index extension: .829), luminaire with adjustable bracket ø60mm with adjustment range from -110° to +55°/-20° to +145° (index extension: .867), luminaire with adjustable bracket ø76mm with adjustment range from -110° to +55°/-20° to +145° (index extension: .876), dual Zhaga connector for IoT controller and motion sensor (index extension: .875)

### Additional information

Tilt adjustment: -15° to +15° (every 5°), CRI/Ra >70; the standard version of the luminaire is corrosion resistant according to class C4

### Available on request

DALI, DIM 1..10V, knife switch, 10kV surge protection, CLO, NTC, NEMA connector, ZHAGA connector, version with increased corrosion resistance in accordance with class C5-M, 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

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)

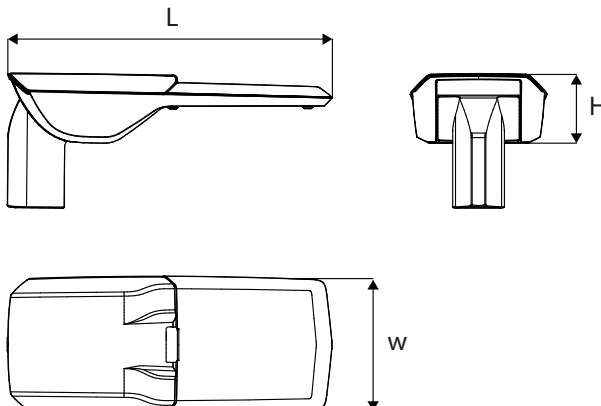
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

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

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

Colour temperature tolerance +/- 5%.

## Dimensions

Dimensions [mm] LxWxH	Pallet quantity	Quantity in package	Net weight [kg]		
470x200x100	60	1	4.45		

## Accessories



150170.01409

Universal holder for  
stadium poles Ø60mm



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



790013.101

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

