



130222.5L721.681

URBINO LED 77W 11050lm 4000K IP66 092 - for road lighting gray I

Professional streetlight luminaire for LED light sources.

## TECHNICAL DATA

**Mounting:** on pillar  $\varnothing 60/40$ mm, on pillar  $\varnothing 76$ mm - modification .829, on outriggers  $\varnothing 60/40$ mm, on outriggers  $\varnothing 76$ mm - modification .829

**Body:** high pressure die-cast aluminum

**Lateral Surface Wind Exposed:** 0.039 m<sup>2</sup>

**Colour:** gray

**RAL:** 7035

**Operating temperature range [°C]:** \* max +50

## ELECTRICAL DATA

**Power supply efficiency:**  $\leq 93\%$

**Power:** 220-240V 50/60Hz

**Includes light source:** yes

**Output current [mA]:** 700

**Type of equipment:** ED

**Light source / lamp:** LED

**Electrical connection:** max 3x2,5 mm<sup>2</sup> wire

**Maximum number of luminaires in the circuit with a 10A fuse (B):** 7

**Maximum number of luminaires in the circuit with a 16A fuse (B):** 11

**Maximum number of luminaires in the circuit with a 25A fuse (B):** 17

## OPTICAL DATA

**Way of lighting:** direct

**Type of optic:** 092 - for road lighting

**Diffuser:** tempered glass

**CRI/Ra:** >70

**Lumen luminaire [lm]:** 11050

**Colour**

**temperature [K]:** 4000

**MacAdam's steps:** 5

**ULOR / DLOR:** 0% / 100%

**Number of LEDs:** 36

## GENERAL DATA

**Lifetime LED (L90):** 100 000 h

**Available on request:** DALI, DIM 1..10V, LL0C, twilight sensor, knife switch, 10kV surge protection, NTC, NEMA connector, ZHAGA connector, Colour temperature - 2200K; 2700K, extension of the warranty to 10 years

**Warranty:** 5 years

**Application:** express roads, local roads, town roads, residential area roads, pedestrian crossings, area lighting, avenues, promenade, cycle paths, public spaces, parking areas

**Additional information:** Tilt adjustment: -15° to +15° (every 5°), CRI/Ra >70

**Other remarks:** the pole and boom are not part of the luminaire

**Additional equipment:** additional anti-corrosive protection (index extension: .985), access to the driver chamber without the use of tools (index extension: .825), luminaire with holder for mounting on a  $\varnothing 76$ mm pillar (index extension: .829), luminaire with motion detector (index extension: .870 / .871 / .872) - to be used only with adjustable holder with an adjustment range of -110° to +55°/-20° to +145°,  $\varnothing 60$  adjustable bracket with an adjustment range of -20° to +145° (index extension: .867)

## CERTIFICATES, COMPLIANCES

**Photobiological risk group:** RG1



\* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

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)

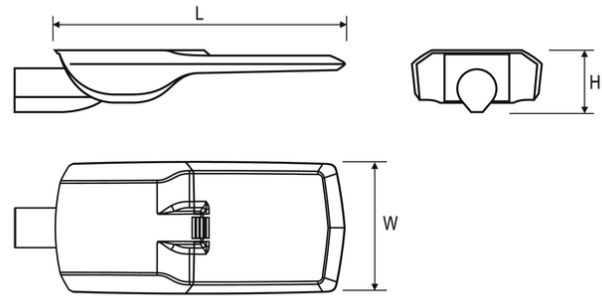
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

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]
130222.5L721.681	I	O92 - for road lighting	ED	77	11050	144	4000	* max +50

Code	Dimensions [mm] L W H	Quantity of luminaires per pallet	Quantity in package	Net weight [kg]
130222.5L721.681	550 250 100	50	1	6,8



## ACCESSORIES



150170.00818  
150173.00906

Wall bracket ø60mm



150175.01107  
150172.01097

Side louvers for URBINO LED luminaires



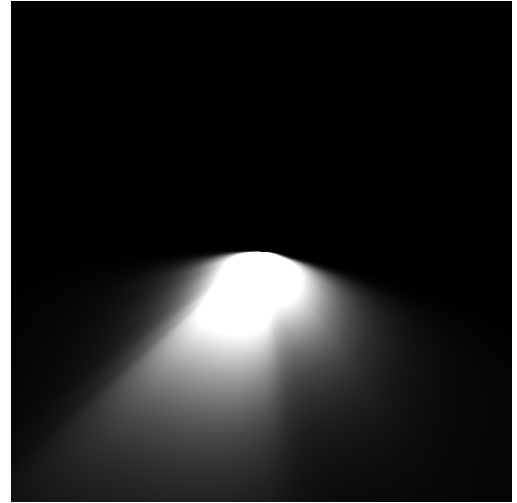
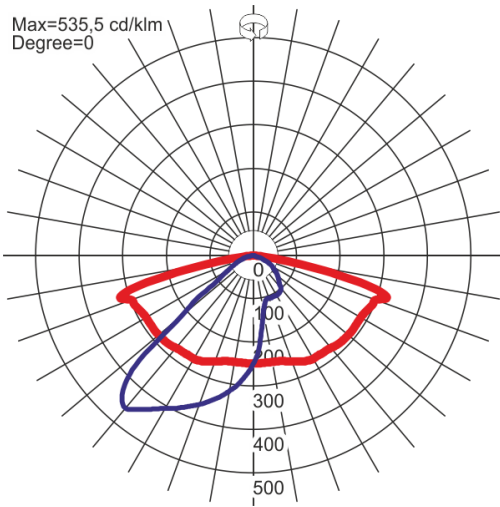
150175.01106  
150172.01096

Rear-side louvers for URBINO LED luminaires

\* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).  
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).  
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.

## LIGHT BEAM CURVES

## WAY OF LIGHTING



\* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).  
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).  
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.