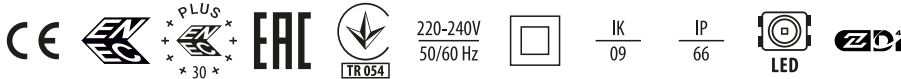


# URBINO LED

PLUS version

Group in catalogue: INFRASTRUCTURAL LIGHTING



Professional streetlight luminaire for LED light sources.

## TECHNICAL DATA

**Mounting:** on pillar  $\phi 60/40\text{mm}$ , on pillar  $\phi 76\text{mm}$  - modification .829, on outriggers  $\phi 60/40\text{mm}$ , on outriggers  $\phi 76\text{mm}$  - modification .829

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

**Lateral Surface Wind Exposed:**  $0.045\text{ m}^2$

**Colour:** gray

**Diffuser:** tempered glass

## ELECTRICAL DATA

**Power supply efficiency:** 90%

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

**Includes light source:** yes

**Type of equipment:** DALI

**Electrical connection:** max  $4 \times 2,5\text{ mm}^2$  wire

## OPTICAL DATA

**Way of lighting:** direct

**Type of optic:** O80 - for town and local roads

## GENERAL DATA

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

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

**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

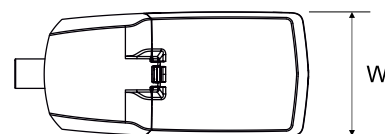
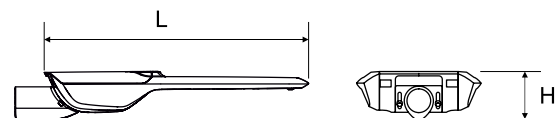
**Additional information:** Tilt adjustment:  $-15^\circ$  to  $+15^\circ$  (every  $5^\circ$ ), CRI/Ra  $>70$ ; 10kV surge protection; CLO; D4i power supply; additional ZHAGA connector at bottom of luminaire for sensor mounting; cos fi of power supply  $>0.92$  for rated power; iBlock

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



| Code | Luminaire power [W] | Lumen luminaire [lm] | Efficacy [lm/W] | Colour temperature [K] | CRI/Ra | Operating temperature range [°C] |
|------|---------------------|----------------------|-----------------|------------------------|--------|----------------------------------|
| -    | 101                 | 15150                | 150             | 4000                   | $>70$  | -40 ... +50                      |
| -    | 158                 | 21600                | 137             | 4000                   | $>70$  | -40 ... +50                      |

| Code | Dimensions [mm]<br>L W H | Mounting dimensions [mm]<br>$\phi S$ | Pallet quantity | Quantity in package | Net weight [kg] |
|------|--------------------------|--------------------------------------|-----------------|---------------------|-----------------|
| -    | 670 320 105              | 60                                   | 20              | 1                   | 10.3            |
| -    | 670 320 105              | 60                                   | 20              | 1                   | 10.3            |



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  $\pm 10\%$ ; power tolerance  $\pm 5\%$ ; colour temperature tolerance  $\pm 5\%$ .

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.

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  $T_a = 25^\circ\text{C}$ .

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

\*Pictures and dimensions of the standard luminaire (does not include the ZHAGA socket).