

EN

# URBINO LED

Chişinău project



Professional streetlight luminaire for LED light sources.

- Possible illuminance control
- Modern design
- Reliability



## Mechanical data

### Mounting

on pillar  $\varnothing$ 40-60mm, on outriggers  $\varnothing$ 40-60mm

**Body colour**  
gray

**Body**  
high pressure die-cast aluminum

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

## Electrical data

### Power

220-240V 50/60Hz

**Includes light source**  
yes

**Type of equipment**  
ZHAGA D4i\*

## Optical data

**Way of lighting**  
direct

**Diffuser**  
tempered glass

**CRI/Ra**  
>70

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

## General data

### Additional information

Additional functionality of the luminaire (power supply)  
D4i&Astrodim; Double painting ; NTC ; ZHAGA UP\* ; 10kV surge protection ; ENEC+

### Other remarks

the pole and boom are not part of the luminaire

### Lifetime LED L90B10

100 000 h

### Warranty

10 years

Code	ENEC code	Type of optics	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
130222.7L921.671.002	130222.7LR7B40S1725.167.A.Z.T.V	O91	109	17250	158	4000	>70	-40 ... +45
130222.7L981.671.001	130222.7LR7B40S1975.167.A.Z.T.V	O91	129	19750	153	4000	>70	-40 ... +45

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

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.

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.

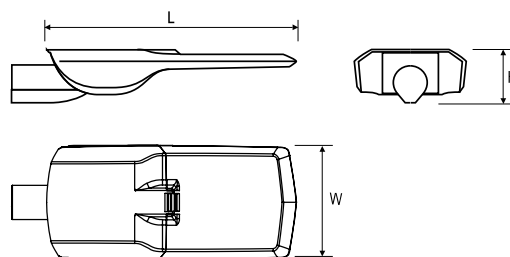
The parameters in the data sheet are given for Ta=25°C.

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

Colour temperature tolerance +/- 10%.

## Dimensions

Dimensions [mm] LxWxH	Pallet quantity	Quantity in package	Net weight [kg]
550x250x100	50	1	6.8



## Accessories



■ 150173.00906

□ 150170.00818

Wall bracket  $\varnothing 60$ mm



■ 150175.01107

□ 150172.01097

Side louvers for URBINO LED luminaires



■ 150175.01106

□ 150172.01096

Rear-side louvers for URBINO LED luminaires

**Annex to the catalog card of luminaires offered in the tender procedure "Corpuri de iluminat LED cu destinație specială 2025" - 21396650**

**Technical parameters of LED luminaires:**

1. Supply voltage - 220-240/264V/50Hz;
2. Degree of protection of the optical chamber - IP 66 confirmed by a specialist laboratory report;
3. The degree of protection of the electrical equipment - IP 66 confirmed by a specialist laboratory report;
4. Diffuser: flat tempered glass with protection against mechanical shock IK-09;
5. Electrical elements easily replaceable (screw fixing, not rivets or glue) - the luminaire is removable/serviceable and all elements can be replaced/repared;
6. The housing functions as a passive LED heat sink;
7. Power factor  $\cos \phi$  min. 0,9;
8. Lifetime - min. 100000 hours;
9. Luminous flux reduction of up to 90% (L90) - not earlier than 100,000 hours;
10. Luminaire optics - street type;
11. Surge protection (lightning discharge) - presence of a surge protection block of at least 10kV;
12. Warranty period offered and specified by the manufacturer - 10 years;
13. Declaration of conformity - CE marking of the European Community;
14. Optical mode implementation technology - SMD (surface-mounted-device) technology mandatory;
15. Construction and mechanical strength of the luminaire ensure resistance to external factors, safety in accordance with the operational requirements and constant maintenance of the efficiency of the lighting technology parameters;
16. The luminaire equipped with a dimmable driver (manufactured with smart-ready capability) with Zhaga-type connection;
17. Power supply (driver) replaceable;
18. Luminaire components, including fasteners, shall resist corrosion during operation.
19. Electromagnetic compatibility - in accordance with EN 61547-2009, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 55015:2019;
20. Year of manufacture min. 2025.