



220-240V
50/60 Hz



Professional streetlight luminaire for LED light sources.

- Possible illuminance control
- Modern design
- Reliability



Mechanical data

Mounting

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

Body colour

gray

Body

high pressure die-cast
aluminum

Lateral Surface Wind

Exposed

0.045 m²

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&Astrodin; 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]
130222.7L521.701.001	130222.7LR7B40S3120.170.A.Z.T.V.X	O94	205	31250	152	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

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

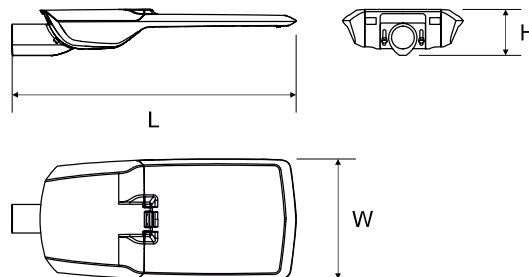
The parameters in the data sheet are given for Ta=25°C.

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

Colour temperature tolerance +/- 10%.

Dimensions

Dimensions [mm] LxWxH	Mounting dimensions [mm] ØS	Pallet quantity	Quantity in package	Net weight [kg]
670x320x105	60	20	1	10.3



Accessories



- 150175.01351 Side louvers for URBINO
- 150172.01350 LED PLUS luminaires



- 150175.01349 Rear-side louvers for
- 150172.01348 URBINO LED PLUS
- 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.