

Professional streetlight luminaire for LED light sources.

#### TECHNICAL DATA

**Mounting:** on pillar ø60/48mm, on pillar ø76mm - modification .829, on outriggers ø60/48mm, on outriggers ø76mm - modification .829

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

**Lateral Surface Wind Exposed:** 0.045 m<sup>2</sup>

**Colour:** gray

**Diffuser:** tempered glass

#### ELECTRICAL DATA

**Power supply efficiency:** 90%

**Power:** 170-264V 50Hz

**Includes light source:** yes

**Type of equipment:** DALI

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

#### OPTICAL DATA

**Way of lighting:** direct

**Type of optic:** 075 - for town roads

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

#### GENERAL DATA

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

**Available on request:** DIM 1..10V, LLOC, twilight sensor, knife switch, NTC, NEMA connector, ZHAGA connector

**Additional equipment:** additional anti-corrosive protection (index extension: .985), luminaire with holder for mounting on a ø76mm pillar (index extension: .829)

**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

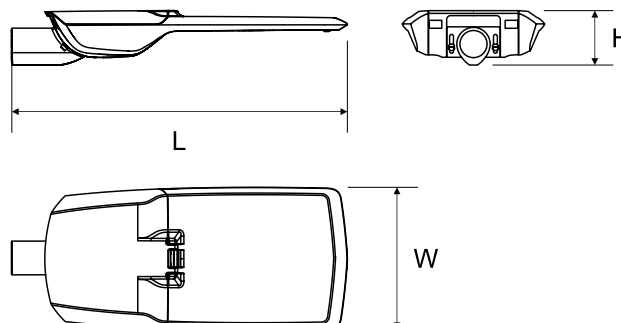
**Additional information:** Tilt adjustment: -30° to +90° (with additional bracket), CRI/Ra >70, 10kV surge protection, Electrical components are easily replaceable, cosφ≥0,9, AstroDIM\*, optical efficiency≥75%,

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



Code	Type of optics	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Protection class	Operating temperature range [°C]
-	075 - for town roads	105	14700	140	4000	>70	I	-40...+50
-	075 - for town roads	128	18300	143	4000	>70	I	-40...+50
-	075 - for town roads	161	24000	149	4000	>70	I	-40...+50
-	075 - for town roads	187	27800	149	4000	>70	I	-40...+50
-	075 - for town roads	204	30050	148	4000	>70	I	-40...+50

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
-	670 320 105	20	1	10,3
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\* The possibility of adjusting the intensity of the light flux according to the regime, from the moment of inclusion up to 23-00 - 100%, from 23-00 to 01-00 - 70%, from 1-00 to 05-00 - 50%, from 05-00 until disconnected - 100% to match the degree of illumination at night. The possibility to propagate up to 5 combinations of time intervals and the degree of illumination.

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%.

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.

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%.

## OTHER PICTURES



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