

Professional streetlight luminaire for LED light sources.

TECHNICAL DATA

Mounting: on outriggers ø60/48mm, on pillar ø60/48mm

Body: high pressure die-cast aluminum

Lateral Surface Wind Exposed: 0.033 m²

Colour: gray

Diffuser: tempered glass

ELECTRICAL DATA

Power supply efficiency: >90%

Power: 220-240V 50/60Hz

Includes light source: yes

Type of equipment: ED, DALI

Electrical connection: luminaire equipped with 3x1.5 mm² wire with a length of 50 cm, luminaire equipped with 5x1.5 mm² wire with a length of 50 cm, luminaire equipped with 2x1.5 mm² wire with a length of 50 cm, luminaire equipped with 4x1.5 mm² wire with a length of 50 cm

OPTICAL DATA

Way of lighting: direct

Type of optic: O46 - for express roads, O41 - for local roads, O42 - for town roads, O43 - for residential area roads, O44L - for pedestrian crossings, left side traffic, O44P - for pedestrian crossings, right side traffic, O45 - for area lighting, O47 - for town and local roads, O48 - for wet surfaces, O27 - for local roads, O28 - for express roads, O29 - for town roads, O30 - for residential area roads, O32 - for parks and parking lots

ULOR / DLOR: 0% / 100%

GENERAL DATA

Available on request: DIM 1..10V, LLOC, twilight sensor, 10kV surge protection, NTC

Additional information: Tilt adjustment: -10° to 90° (every 5°)

Other remarks: the pole and boom are not part of the luminaire; luminaire available in protection class I and II

Warranty: 5 years

Application: local roads, express roads, town roads, residential area roads, area lighting, avenues, promenade, parking areas



Code	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]	LED lifetime [h]
Type: O46, O41, O42, O43, O44L, O44P, O45, O47, O48 optics							
130292.XL13X.XX1	23	3200	139	3000	>70	-40 ... +55	(L90) 100 000
130292.XL14X.XX1	35	4900	140	3000	>70	-40 ... +50	(L90) 100 000
130292.XL15X.XX1	50	7200	144	3000	>70	-40 ... +50	(L90) 100 000
130292.XL16X.XX1	68	9450	139	3000	>70	-40 ... +45	(L90) 100 000
130292.XL09X.XX1	23	3450	150	4000	>70	-40 ... +55	(L90) 100 000
130292.XL10X.XX1	35	5300	151	4000	>70	-40 ... +50	(L90) 100 000
130292.XL11X.XX1	50	7750	155	4000	>70	-40 ... +50	(L90) 100 000
130292.XL12X.XX1	68	10150	149	4000	>70	-40 ... +45	(L90) 100 000
Type: O27, O28, O29, O30, O32 optics							
130292.XL05X.XX1	19	2250	118	3000	>70	-40 ... +55	(L75) 100 000
130292.XL06X.XX1	36	4350	121	3000	>70	-40 ... +50	(L75) 100 000
130292.XL07X.XX1	53	6600	125	3000	>70	-40 ... +50	(L75) 100 000
130292.XL08X.XX1	69	8600	125	3000	>70	-40 ... +45	(L75) 100 000
130292.XL01X.XX1	19	2350	124	4000	>70	-40 ... +55	(L75) 100 000
130292.XL02X.XX1	36	4600	128	4000	>70	-40 ... +50	(L75) 100 000
130292.XL03X.XX1	53	6950	131	4000	>70	-40 ... +50	(L75) 100 000
130292.XL04X.XX1	69	9050	131	4000	>70	-40 ... +45	(L75) 100 000

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.

Up-to-date product info and 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.

130292. L01 . 1

Type of optic

- 01 O27 - for local roads
- 02 O28 - for express roads
- 03 O29 - for town roads
- 04 O30 - for residential area roads
- 05 O32 - for parks and parking lots
- 06 O46 - for express roads
- 07 O41 - for local roads
- 08 O42 - for town roads
- 09 O43 - for residential area roads
- 10 O44L - for pedestrian crossings, left side traffic
- 11 O44P - for pedestrian crossings, right side traffic
- 12 O45 - for area lighting
- 13 O47 - for town and local roads
- 14 O48 - for wet surfaces

Protection Class

- 1 I
- 2 II

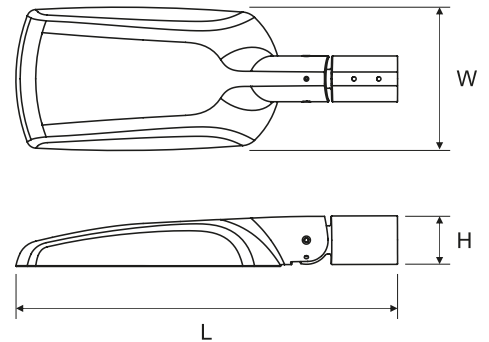
Type of equipment

- 3 DALI
- 5 ED

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
Type: O46, O41, O42, O43, O44L, O44P, O45, O47, O48 optics				
130292.XL13X.XX1	615 230 80	70	1	4.1
130292.XL14X.XX1	615 230 80	70	1	4.1
130292.XL15X.XX1	615 230 80	70	1	4.1
130292.XL16X.XX1	615 230 80	70	1	4.1
130292.XL09X.XX1	615 230 80	70	1	4.1
130292.XL10X.XX1	615 230 80	70	1	4.1
130292.XL11X.XX1	615 230 80	70	1	4.1
130292.XL12X.XX1	615 230 80	70	1	4.1

Type: O27, O28, O29, O30, O32 optics

130292.XL05X.XX1	615 230 80	70	1	4.1
130292.XL06X.XX1	615 230 80	70	1	4.1
130292.XL07X.XX1	615 230 80	70	1	4.1
130292.XL08X.XX1	615 230 80	70	1	4.1
130292.XL01X.XX1	615 230 80	70	1	4.1
130292.XL02X.XX1	615 230 80	70	1	4.1
130292.XL03X.XX1	615 230 80	70	1	4.1
130292.XL04X.XX1	615 230 80	70	1	4.1

OTHER PICTURES


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ACCESSORIES



150170.01022 2 field connectors IP68

150170.01023 3 field connectors IP68

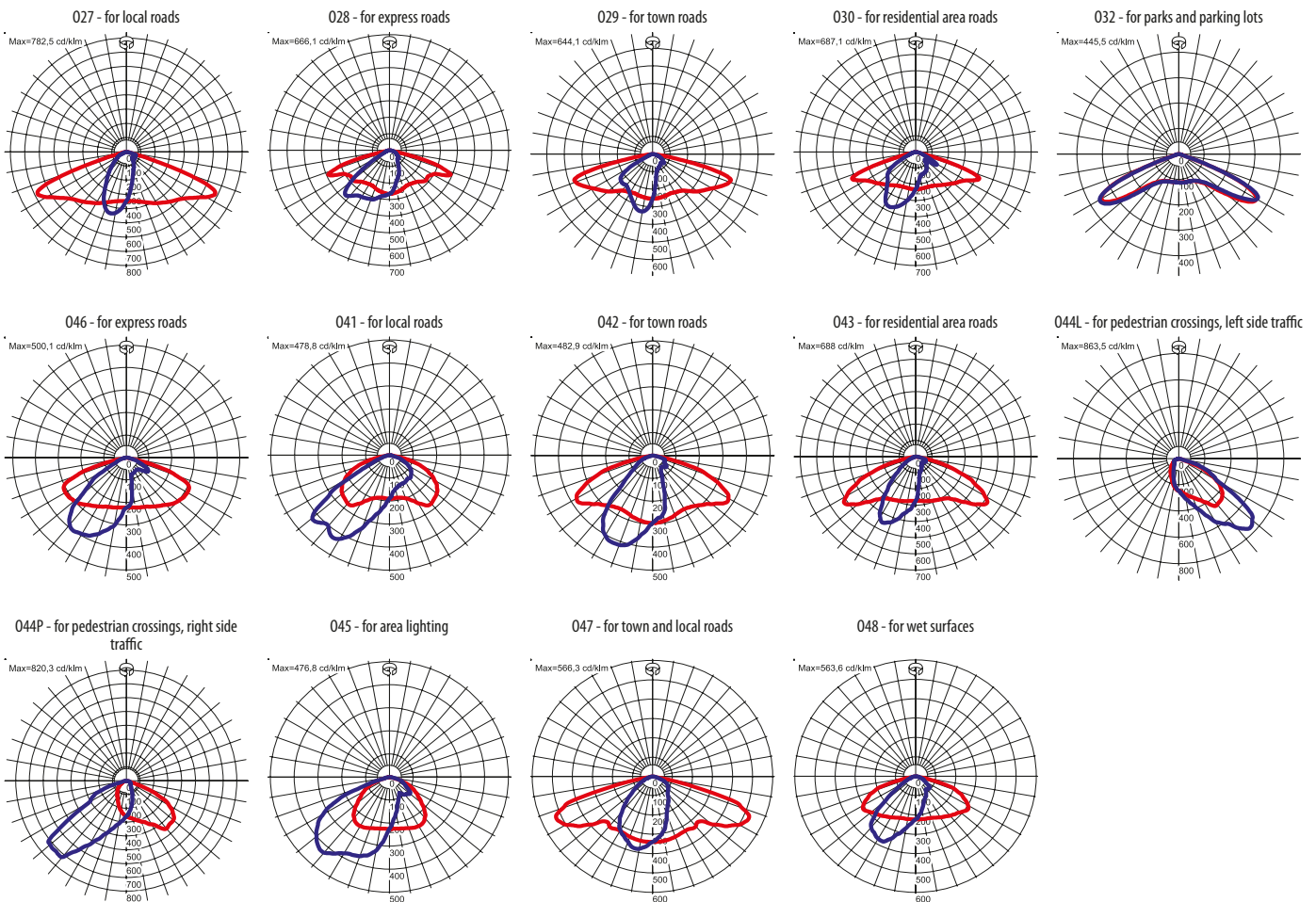
150170.01024 4 field connectors IP68



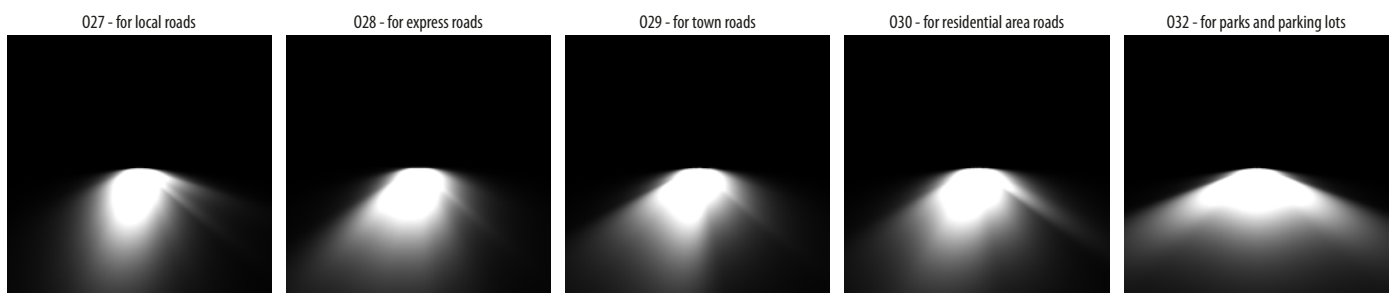
150170.01025

5 field connectors IP68

LIGHT BEAM CURVES



WAY OF LIGHTING



Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

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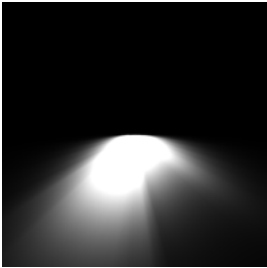
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com

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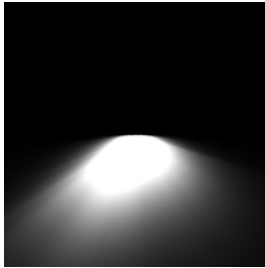
The parameters in the data sheet are given for $T_a=25^{\circ}\text{C}$.

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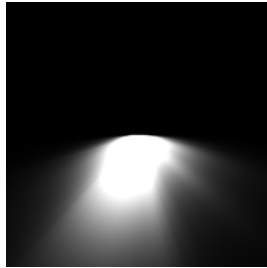
046 - for express roads



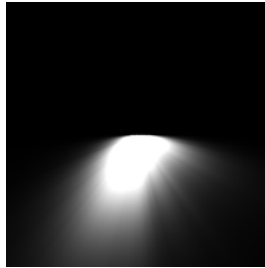
041 - for local roads



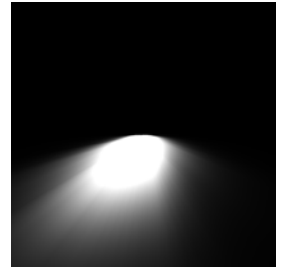
042 - for town roads



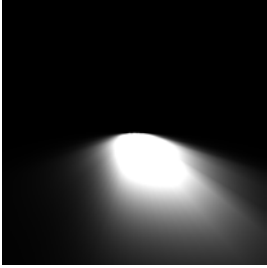
043 - for residential area roads



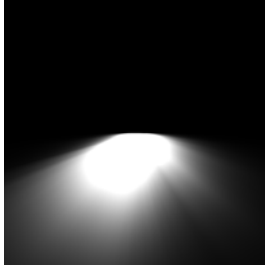
044L - for pedestrian crossings, left side traffic



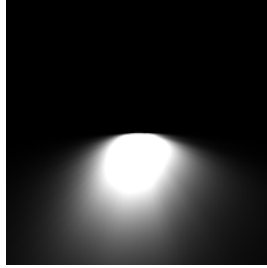
044P - for pedestrian crossings, right side traffic



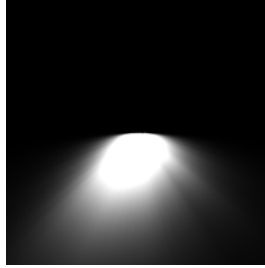
045 - for area lighting



047 - for town and local roads



048 - for wet surfaces



OTHER PROJECTS



Sarajevo, Bosnia and Herzegovina

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Power tolerance +/- 5%.

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