

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 m<sup>2</sup>

**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 mm<sup>2</sup> wire with a length of 50 cm, luminaire equipped with 5x1.5 mm<sup>2</sup> wire with a length of 50 cm, luminaire equipped with 2x1.5 mm<sup>2</sup> wire with a length of 50 cm, luminaire equipped with 4x1.5 mm<sup>2</sup> 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]
<b>Type: O46, O41, O42, O43, O44L, O44P, O45, O47, O48 optics</b>							
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
<b>Type: O27, O28, O29, O30, O32 optics</b>							
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](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.

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

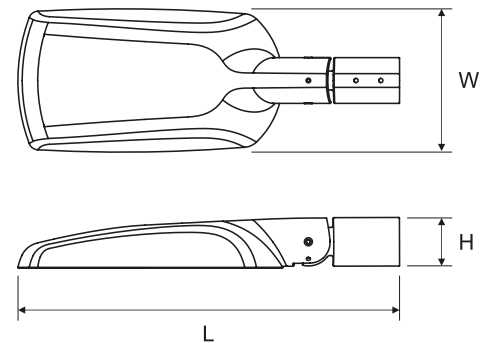
Type of equipment

- 3 DALI
- 5 ED

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
<b>Type: O46, O41, O42, O43, O44L, O44P, O45, O47, O48 optics</b>				
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

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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 TRAFFIK LED - 2 field connectors IP68

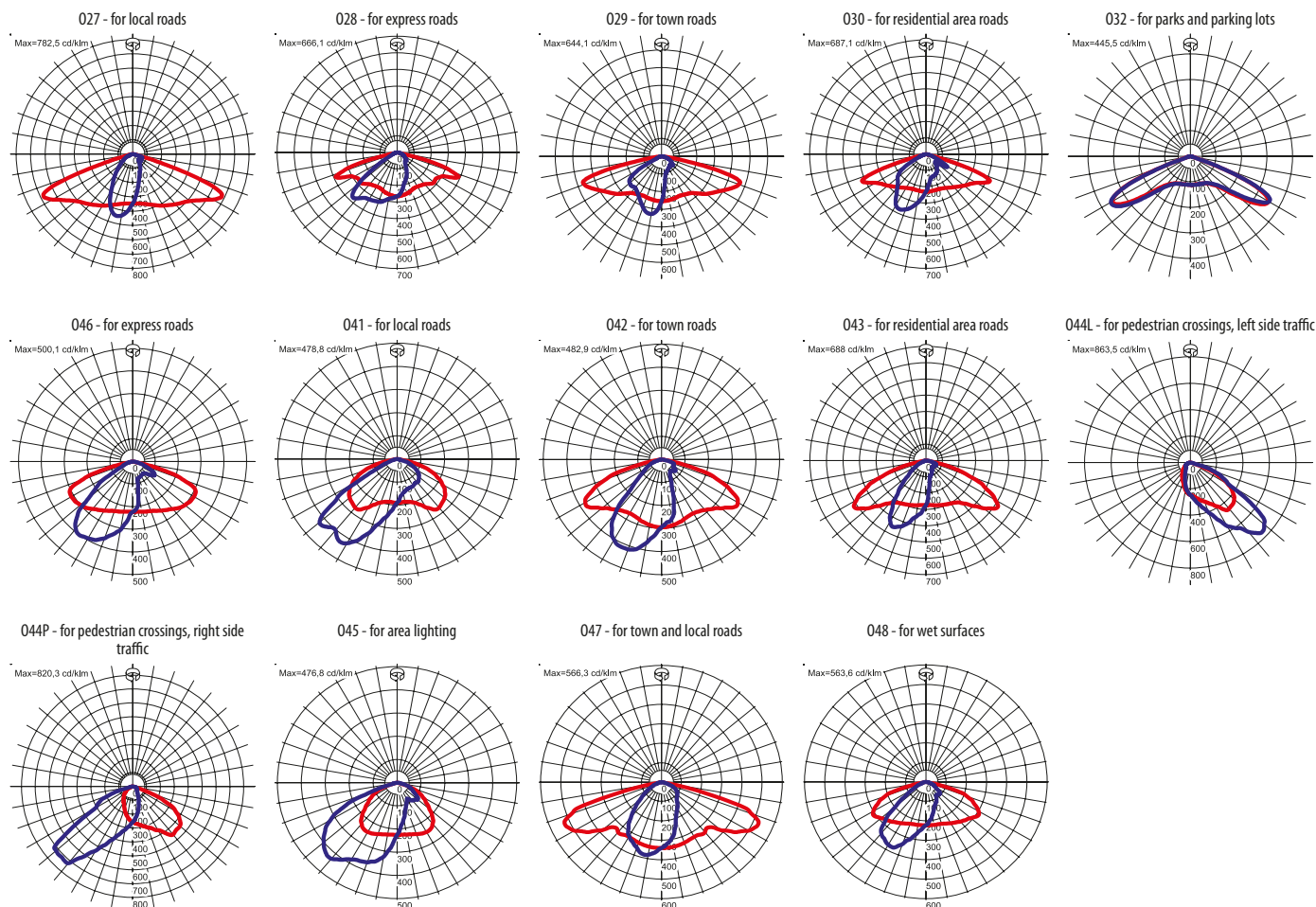
150170.01023 TRAFFIK LED - 3 field connectors IP68

150170.01024 TRAFFIK LED - 4 field connectors IP68



150170.01025 TRAFFIK LED - 5 field connectors IP68

## LIGHT BEAM CURVES



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Power tolerance +/- 5%.

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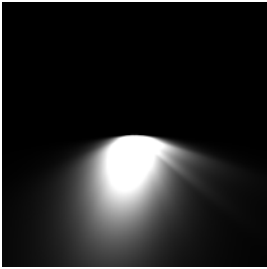
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The parameters in the data sheet are given for  $T_a=25^{\circ}\text{C}$ .

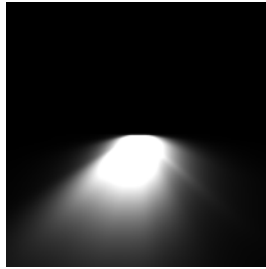
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## WAY OF LIGHTING

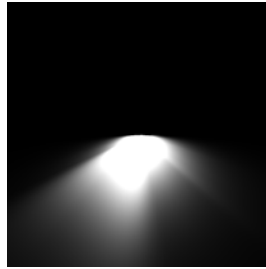
027 - for local roads



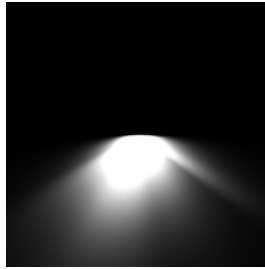
028 - for express roads



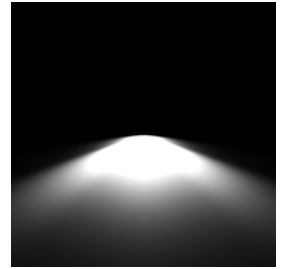
029 - for town roads



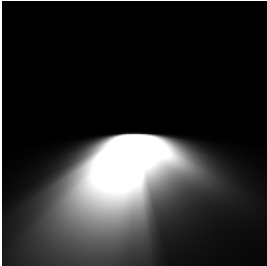
030 - for residential area roads



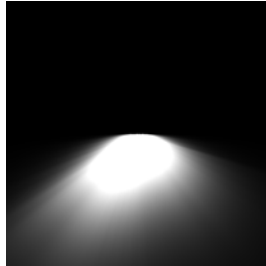
032 - for parks and parking lots



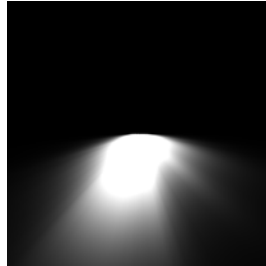
046 - for express roads



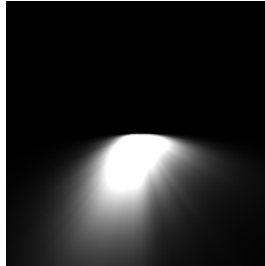
041 - for local roads



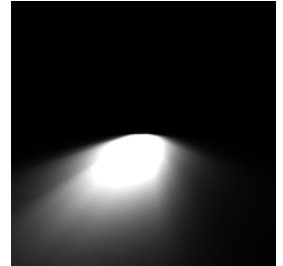
042 - for town roads



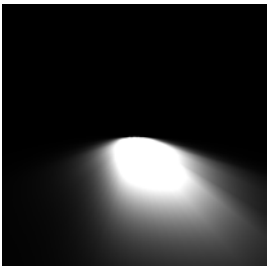
043 - for residential area roads



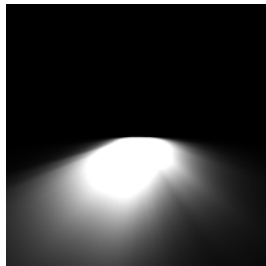
044L - for pedestrian crossings, left side traffic



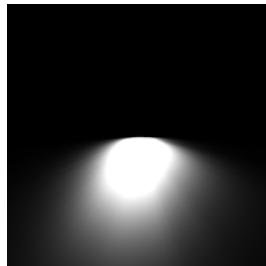
044P - for pedestrian crossings, right side traffic



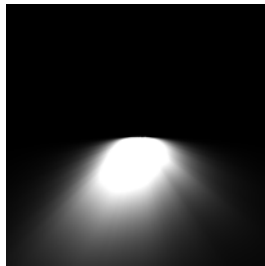
045 - for area lighting



047 - for town and local roads



048 - for wet surfaces



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