



Professional streetlight luminaire for LED light sources.

TECHNICAL DATA	Mounting: on outriggers ø60/48mm, on pillar ø60/48mm
	Body: high pressure die-cast aluminum
ELECTRICAL DATA	Lateral Surface Wind Exposed: 0.033 m ²
	Colour: gray
OPTICAL DATA	Diffuser: tempered glass
	Power supply efficiency: >90%
GENERAL DATA	Power: 220-240V 50/60Hz
	Includes light source: yes
	Type of equipment: ED, DALI
	Electrical connection: luminaire equipped with 3x1.5 mm ² wire with a length of 50 cm, luminaire equipped with 5x1.5 mm ² wire with a length of 50 cm, luminaire equipped with 2x1.5 mm ² wire with a length of 50 cm, luminaire equipped with 4x1.5 mm ² wire with a length of 50 cm
	Way of lighting: direct
	Type of optic: 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
	ULOR / DLOR: 0% / 100%
	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: 027, 028, 029, 030, 032 optics							
130292.XL01X.XX1	19	2350	124	4000	>70	-40 ... +50	(L75) 100 000
130292.XL02X.XX1	36	4600	128	4000	>70	-40 ... +45	(L75) 100 000
130292.XL03X.XX1	53	6950	131	4000	>70	-40 ... +40	(L75) 100 000
130292.XL04X.XX1	69	9050	131	4000	>70	-40 ... +40	(L75) 100 000
Type: 046, 041, 042, 043, 044L, 044P, 045, 047, 048 optics							
130292.XL09X.XX1	23	3450	150	4000	>70	-40 ... +50	(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 ... +40	(L90) 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.

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

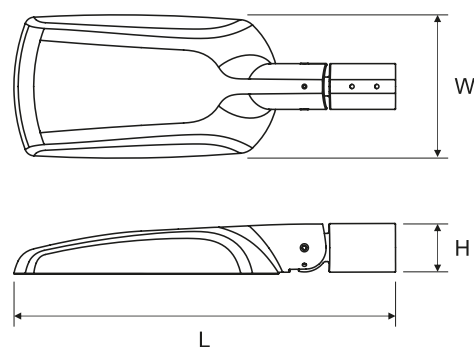
Protection Class

- 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: O27, O28, O29, O30, O32 optics				
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
Type: O46, O41, O42, O43, O44L, O44P, O45, O47, O48 optics				
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



OTHER PICTURES



ACCESSORIES

	150170.01022	TRAFFIK LED - 2 field connectors IP68		150170.01025	TRAFFIK LED - 5 field connectors IP68
	150170.01023	TRAFFIK LED - 3 field connectors IP68			
	150170.01024	TRAFFIK LED - 4 field connectors IP68			

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

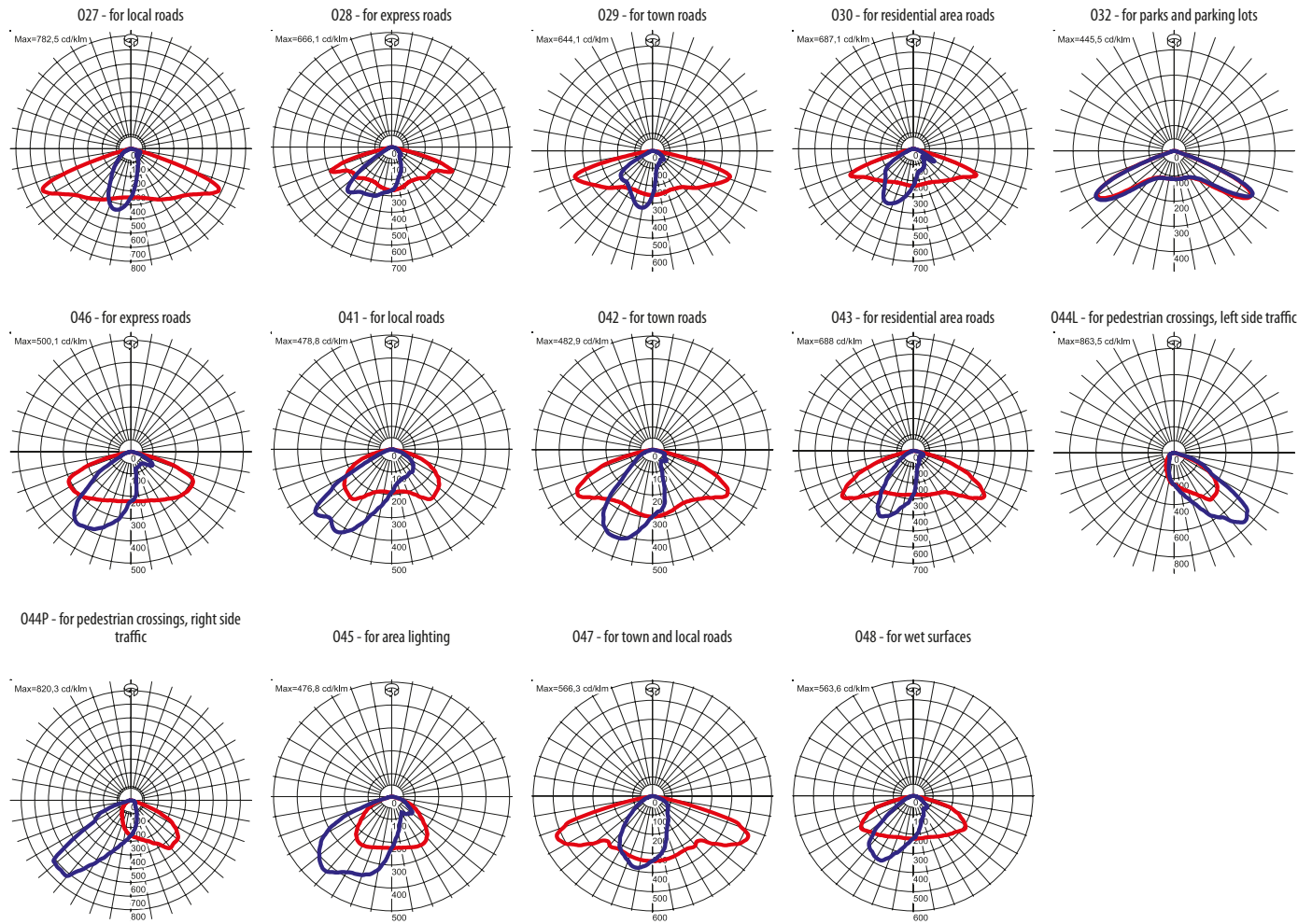
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LIGHT BEAM CURVES



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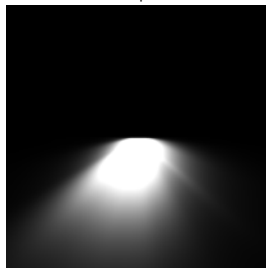
The parameters in the data sheet are given for $T_a=25^{\circ}\text{C}$.

WAY OF LIGHTING

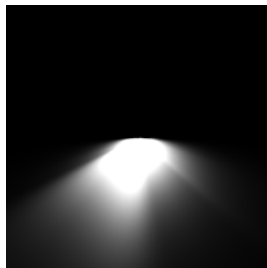
027 - for local roads



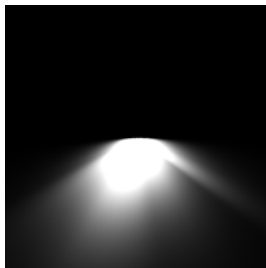
028 - for express roads



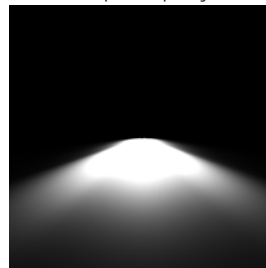
029 - for town roads



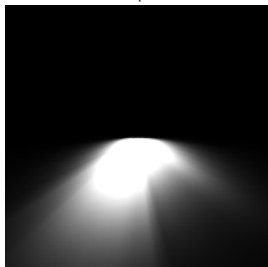
030 - for residential area roads



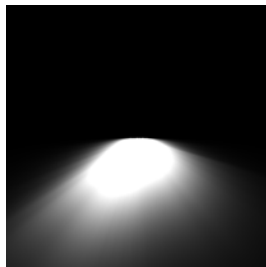
032 - for parks and parking lots



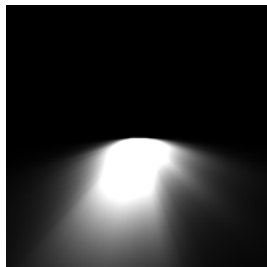
046 - for express roads



041 - for local roads



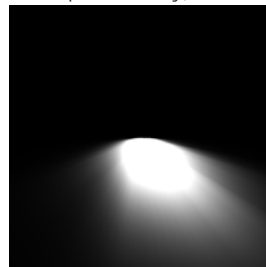
042 - for town roads



043 - for residential area roads



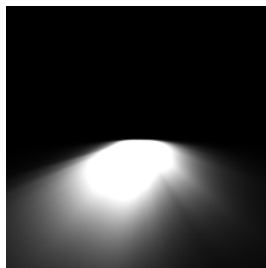
044L - for pedestrian crossings, left side traffic



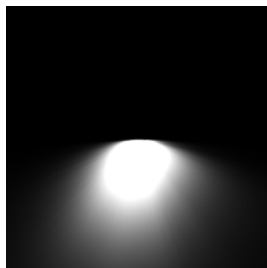
044P - for pedestrian crossings, right side traffic



045 - for area lighting



047 - for town and local roads



048 - for wet surfaces



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