

220-240V
50/60 HzIK
08IP
66

Professional streetlight luminaire for LED light sources.

- **High efficacy to 156 lm/W**
- Possible illuminance control
- Modern design
- Reliability



Other pictures



Mechanical data

Mounting

on outriggers ø48-60mm

Body colour

gray

Operating temperature range [°C]

-40 ... +45, -40 ... +50, -40 ... +55

Body

high pressure die-cast aluminum

Lateral Surface Wind

Exposed

0.033 m²

Corrosion class

C4

Electrical data

Power

220-240V 50/60Hz

Includes light source

yes

Luminaire power [W]

19 - 69

Output current [mA]

450, 700

Type of equipment

DALI, ED

Light source / lamp

LED

Maximum number of luminaires in the circuit with a 10A fuse (B)

8 - 23

Maximum number of luminaires in the circuit with a 16A fuse (B)

12 - 36

Maximum number of luminaires in the circuit with a 25A fuse (B)

20 - 57

Optical data

Way of lighting

direct

Type of optics

O27 - for local roads, O28 - for express roads, O29 - for town roads, O30 - for residential area roads, O32 - for parks and parking lots, 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, O46 - for express roads, O47 - for town and local roads, O48 - for wet surfaces

Diffuser

tempered glass

Colour temperature [K]

3000, 4000

CRI/Ra

>70

ULOR / DLOR

0% / 100%

Lumen luminaire [lm]

2150 - 10200

Efficacy [lm/W]

113 - 156

Photobiological risk group

RG1

SVM

≤0,4

PstLM

≤1

Number of LEDs

24, 48, 72, 96

General data

Additional information

the standard version of the luminaire is corrosion resistant according to class C4; the luminaire is fitted with a cable which must not be exposed to UV radiation

Available on request

DIM 1..10V, CLO, twilight sensor, 10kV surge protection, NTC, version with increased corrosion resistance in accordance with class C5, extension of the warranty to 10 years

Other remarks

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

LED lifetime [h]

(L75) 100 000, (L90) 100 000

Warranty

5 years

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.

Colour temperature tolerance +/- 5%.

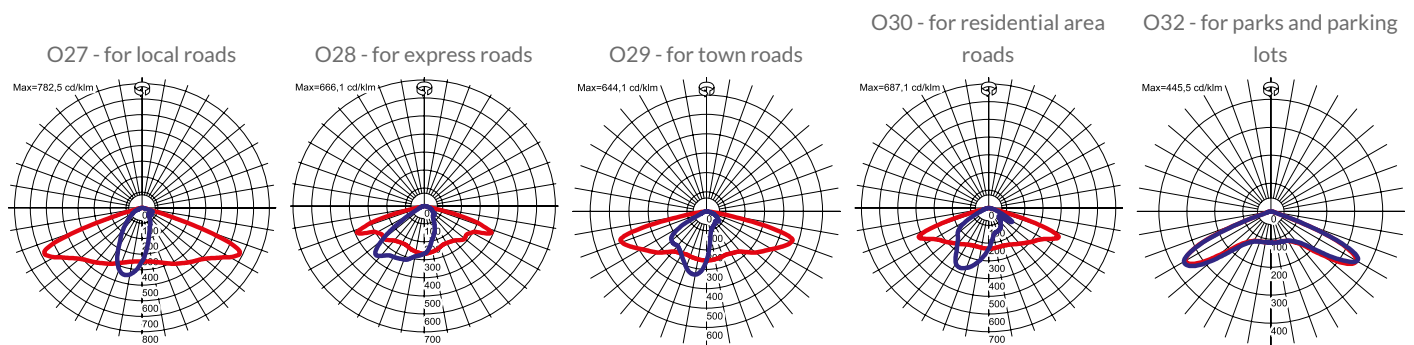
Dimensions

Dimensions [mm] LxWxH	Pallet quantity	Quantity in package	Net weight [kg]
505x230x80	70	1	3.5

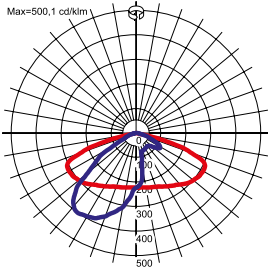
Accessories

- 
150172.01021
TRAFFIK LED Adjustable bracket \varnothing 60mm
- 
150170.01022
2 field connectors IP68
- 
150170.01023
3 field connectors IP68
- 
150170.01024
4 field connectors IP68
- 
150170.01025
5 field connectors IP68

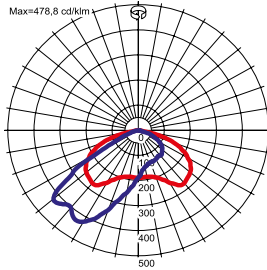
Light beam curves



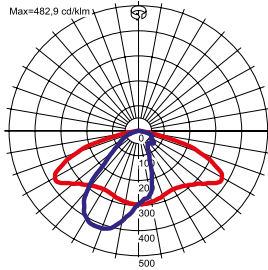
O46 - for express roads



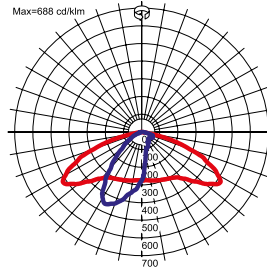
O41 - for local roads



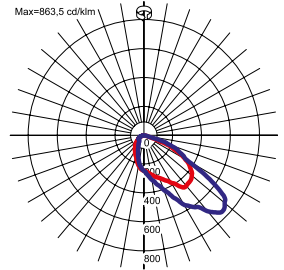
O42 - for town roads



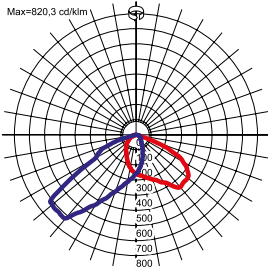
O43 - for residential area roads



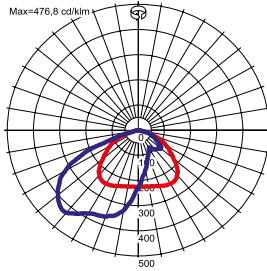
O44L - for pedestrian crossings, left side traffic



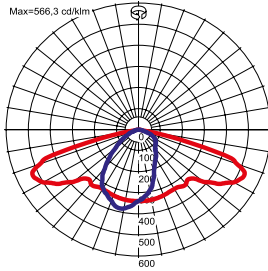
O44P - for pedestrian crossings, right side traffic



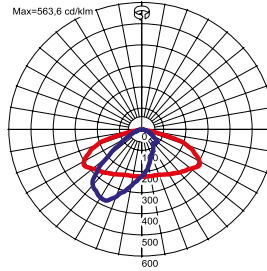
O45 - for area lighting



O47 - for town and local roads



O48 - for wet surfaces

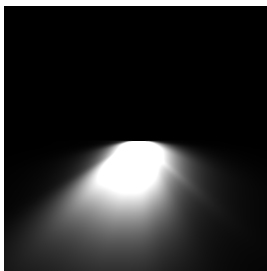


Way of lighting

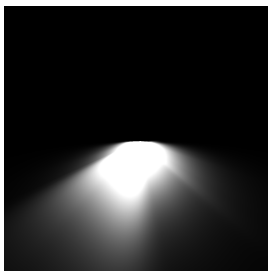
O27 - for local roads



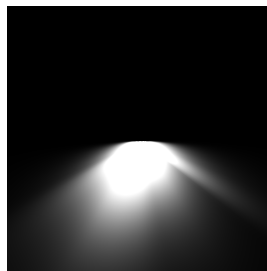
O28 - for express roads



O29 - for town roads



O30 - for residential area roads



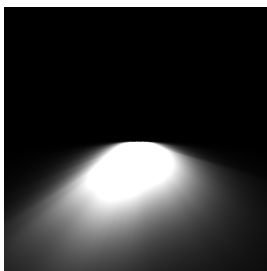
O32 - for parks and parking lots



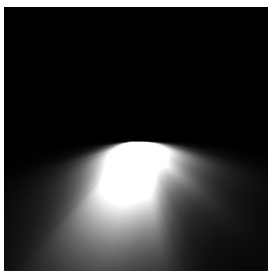
O46 - for express roads



O41 - for local roads



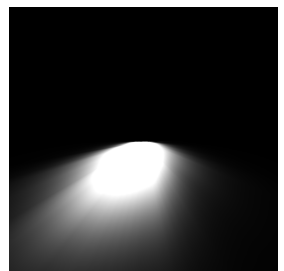
O42 - for town roads



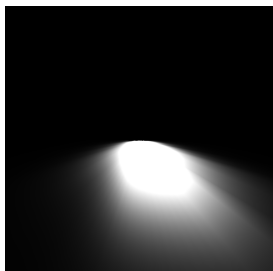
O43 - for residential area roads



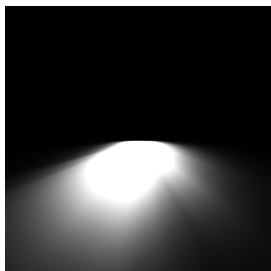
O44L - for pedestrian crossings, left side traffic



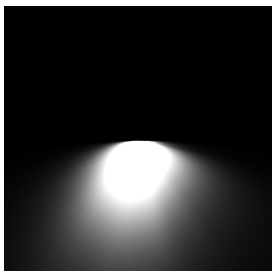
O44P - for pedestrian
crossings, right side traffic



O45 - for area lighting



O47 - for town and local
roads



O48 - for wet surfaces

