



Excellent
Quality



Thelux

Imagic series
TSL-RO01

LED STREET LIGHT
5 YEARS GUARANTEE
60-240W 85-265V SPD10KV
DESIGNED & MADE IN THELUX
<http://www.theluxchina.com>



Product guideline

Item Model: TSL-R001
Project item

Description: LED STREET LIGHT
85-265VAC -120lm/W, PF>0.9
Philips 3030 6v1W, Thelux Driver, SPD10KV

Approved issue: 01 / 07 / 2021



Signature of Technical Manager

Product Specifications

Model No.	TSL-R001
Power	60 /100 /150 /200 /240
PF	>0.95
SPD	6KV /10KV /20KV
Vin.	85-265V
Material	Die-casting Aluminum
Lens Material	PC
Beam Angle	70°*145°
Tempered Glass	Yes, Ik06 /IK08
Protection	Ip65
LED type	SMD3030
LED Quantity	60 /100 /150 /200 /240
lm/W	120
Total Lumen Output	7200 / 12000 / 18000 /24000 /28800
Driver Type	Isolated Driver
Driver Protection	Ip68 /IP65
Guarantee	5 Years
Certificate	CE /RoHS



Product Features

Imagic series LED street light, TSL-R001,

- Housing Material: Die-casting Aluminum housing, the design of the housing is good for heat radiation, to make the lamp longer lifespan.
- 90° adjustable street light pole connector, the 90 degree adjustable street light pole connector can make the lamp install vertical or horizontal. Very convenient for customers to adjust the beam angle of the lamp.
- Philips; Bridgelux ; Sanan; and Cree brand High Lumen Led chips, can reach $\geq 130\text{lm/w}$; 1.5mm thickness led pcb, good for heat sink.
- Lens 60*120 /70*140 /90*150 optional. suitable for different applications.
- Photoelectric separation structure give the driver a single space to install and also for single SPD.

Application areas



Roadways
and Highways



Pedestrian street

Structures and materials

- Housing material: die-cast aluminium body, with stainless steel screws.
- Optic material: Optical-grade polycarbonate
- Optical cover: Tempered glass
- Colour: RAL7021
- Impact Strength: IK09 (housing) / IK06/08 (glass)

Electrical

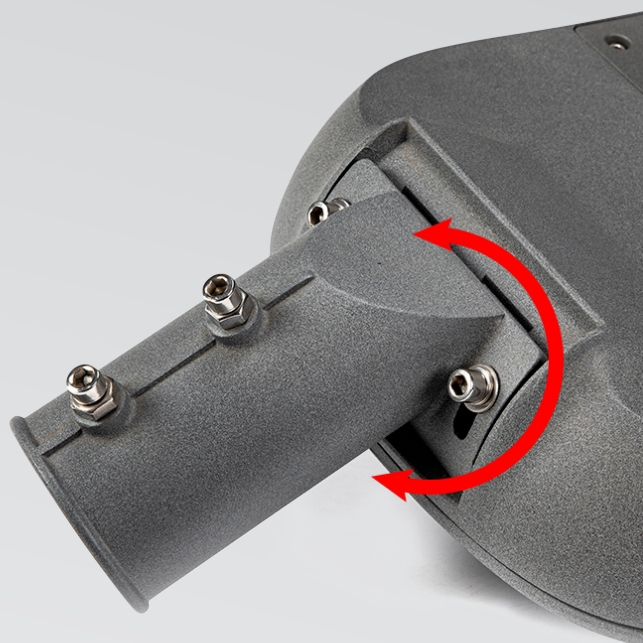
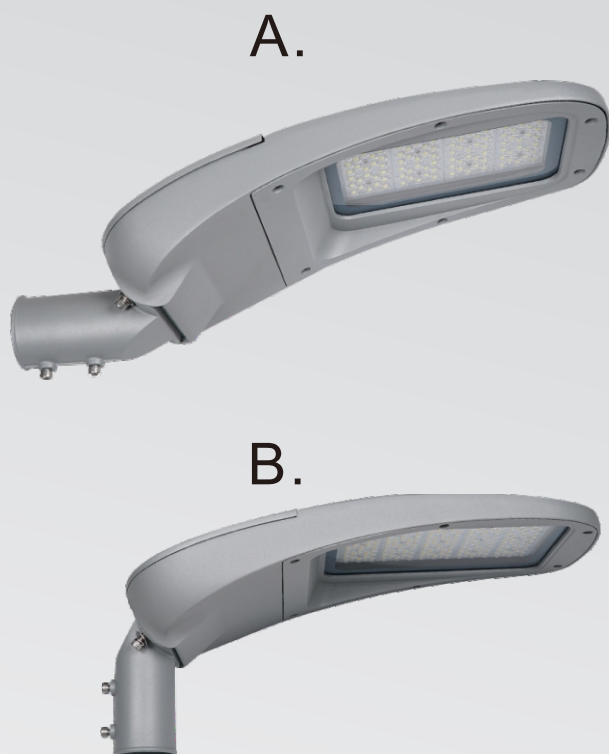
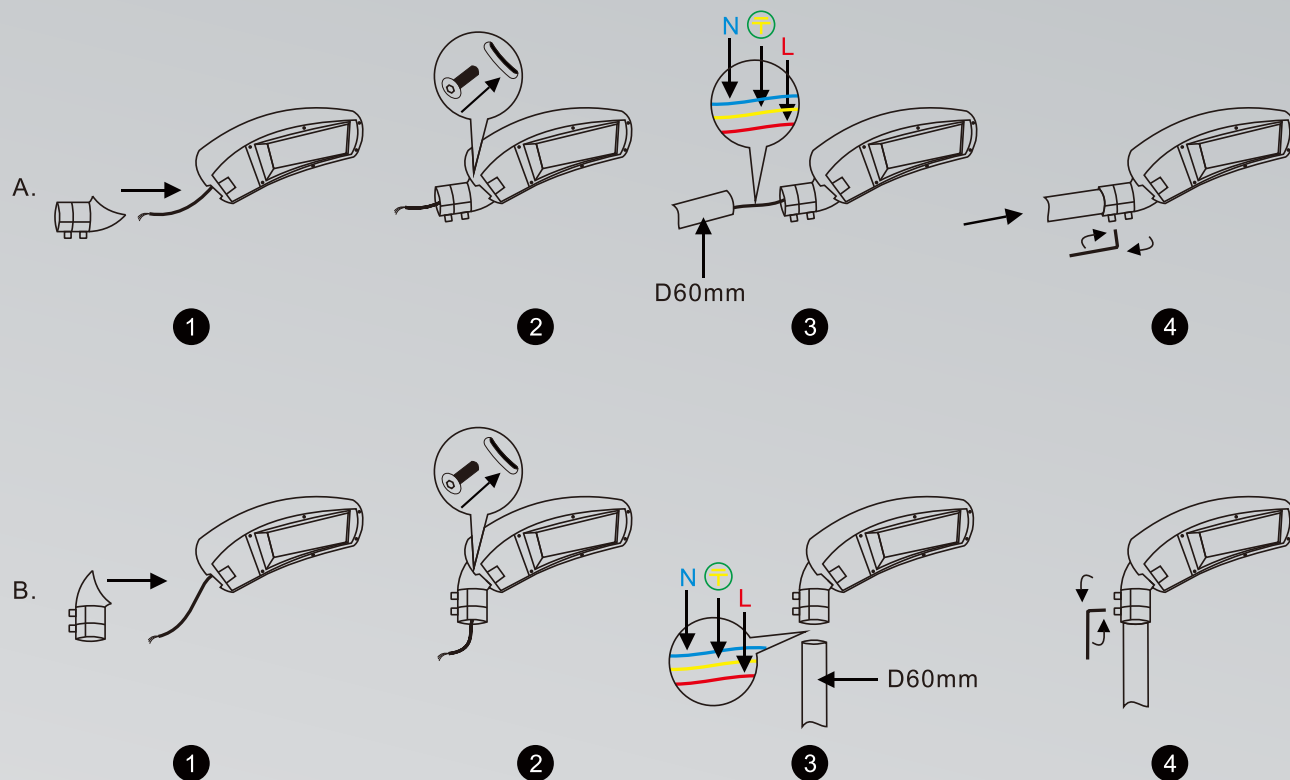
Input voltage and frequency: 85-265V, 50-60Hz
IEC protection class: Class I
Driver immunity: 10kV/5kA
Rated input power: Up to 240 W
Single 10KV /20KV SPD optional

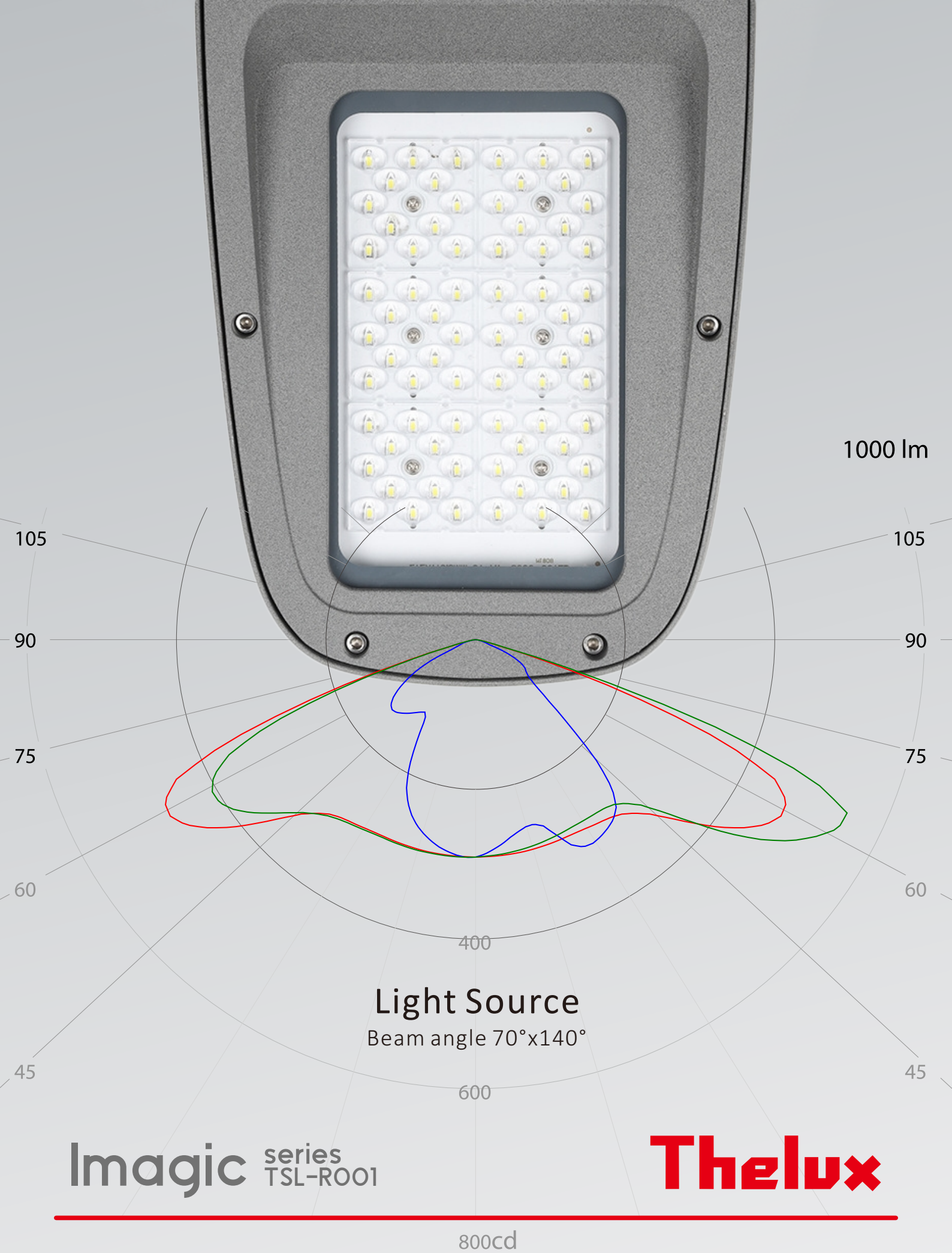
Optics

Rated colour rendering index > 70
Rated correlated colour temperatures: 2700K, 3000K, 4000K, 5000k, 6500K
ULOR: 0
Rated initial chromaticity co-ordinate values:
• 2700K: CIE(x=0.4582, y=0.4099) 5SDCM
• 3000K: CIE(x=0.4338, y=0.403) 5SDCM
• 4000K: CIE(x= 0.3818, y= 0.3797) 5SDCM
• 5000K: CIE(x= 0.34, y= 0.35) 5SDCM



Installation Diagram





1000 lm

Light Source
Beam angle 70°x140°

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TSL-R001

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800cd

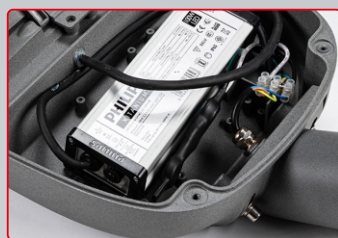
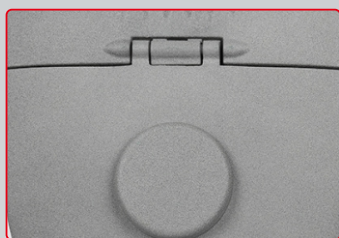
— C0 - C180

— C90 - C270

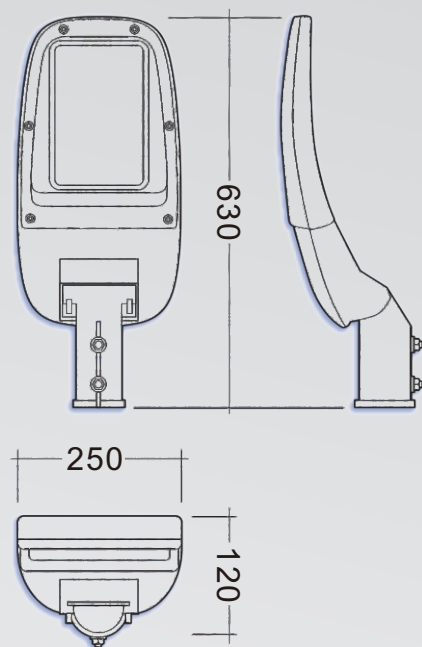
— C10 - C190

LED PIONEER
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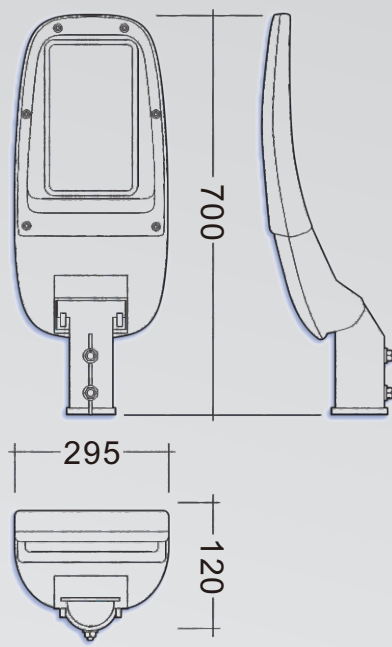
Product Details



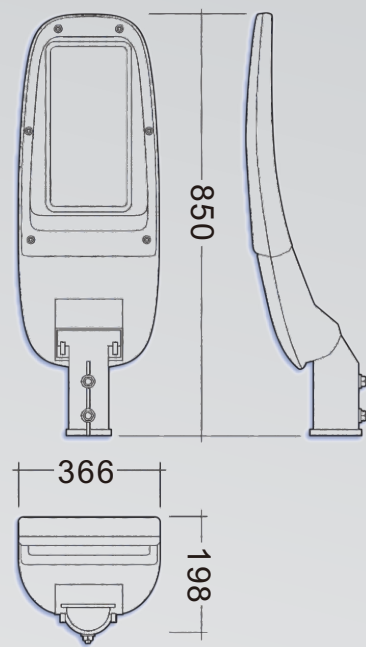
Product Diagram



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LED STREET LIGHT · LED FLOOD LIGHT · LED HIGHBAY LIGHT

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