

2022 SPECIFICATION ULTRABRIGHT LED STREETLIGHT

โคมไฟถนนนวัตกรรมไทย

ULTRABRIGHT LED STREET LIGHT

รหัส 07010035



- ✓ ความสว่างที่สูงถึง **170lm/w**
- ✓ Surge Protection สูงถึง 10KV/20KV
- ✓ ทนทานระดับสูงสุด **IP66, IK10, กรดเกลือ**

INFINITE LED
INNOVATION



TIS 1955-2551



ULTRABRIGHT LED modular street light are most updated & innovating product.

the louver design on fixture improves heating dissipation, also avoiding dust, water to pile up together. Buckle better for maintenance in future.

ISO:9001
ISO:14001



TIS.1955-2551



LM-79
LM-80



Main Features

- High pressure die cast aluminum alloy housing.
- Anti-corrosion with Electrophoresis process.
- High performance design with multi-chips Package 5050 LED source and exclusive Lens.Stable performance,low light failure and no dead lights.
- The light transmittance up to 98%.Luminous efficacy up to 160-170lm/w.
- Type I, II, III lens optional.Uniform light distribution apply to different street light project.
- Excellent operating temperature $-40^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Replaceable and upgradable modular design easy assembly easy installation and easy maintenance.
- Green product,no UV,IR radiation or mercury pollution.Passed IEC62471.
- $-10 \sim 15^{\circ}$ angle adjustable and applicable different mounting arm.
- With Excellent housing design reach IP66/IK10 rating.
- Vibration resistant and Surge protection 10KV/20KV.
- Easy replacement of the entire LED module and electronic system by removing the top cover.
- Double Clip on closure,"Plug and Play" system suitable for SKD.
- Dimming and smart lighting system available upon request.
- CE,Rohs,CB,LM-79,LM-80 approved.
- Life-span over 50,000 hours,5 years warranty.



บริษัท คอมพิวเตอร์ จำกัด

5/183 ถนนเทศบาลสงเคราะห์ แขวงจลาจลยาว
เขตจตุจักร กรุงเทพมหานคร 10900
TAX ID: 0105549117486



: 062-445-5195 , 02-028-8556



: www.ledinfinite.com



: infinite@ledinfinite.com

Parameters

Electric Data

Model	ULTRABRIGHT 60W	ULTRABRIGHT 90W	ULTRABRIGHT 120W	ULTRABRIGHT 150W
Power	60W	90W	120W	150W
Power Efficiency	90%	92%	92%	92%
Power Factor	>0.95	>0.95	>0.95	>0.95
Power Supply	MOSO/MW/SOSEN			
Working Voltage	~110-277V, 50/60Hz			

Photometric Specifications

LEDs	5050 LED			
CRI	>70			
Luminous Efficiency	170-180lm/w			
LEDs Qty	56pcs	70psc	84psc	112psc
Luminous Flux(±5%)	10200lm	15300lm	20400lm	25500lm
CCT	2200K/3000K/4000K/5000K/5500K			
Beam angle	140x60°/150x70°/150x80°			

Mechanical Specifications

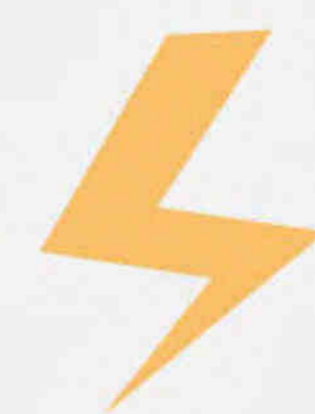
Inclination Angle	Horizontal-10 ~ 15°		Vertical-10 ~ 15°	
IP/IK Rate	IP66/IK10			
Lifespan	>50,000 Hours			
Lamp Pole	Ø50-60mm			
Install Height	6-8 M	9-12 M	9-12 M	9-12 M
Housing Material	Aluminum6063-T5			
Lens Material	PC			
N.W.(KG)	5.8	6.2	6.4	8
Light size (mm)	710x340x235	710x340x235	710x340x235	850x350x235
Light size (inch)	27.9x13.4x9.3	27.9x13.4x9.3	27.9x13.4x9.3	33.5x13.8x7.3
Working Temperature	-40°C~50°C, 20%~90% H.R			
Storage Temperature	-40°C~85°C, 10%~90% H.R			
Certificates/Test	TIS.1955-2551 ROHS IP66 IK10 LM79 LM80			



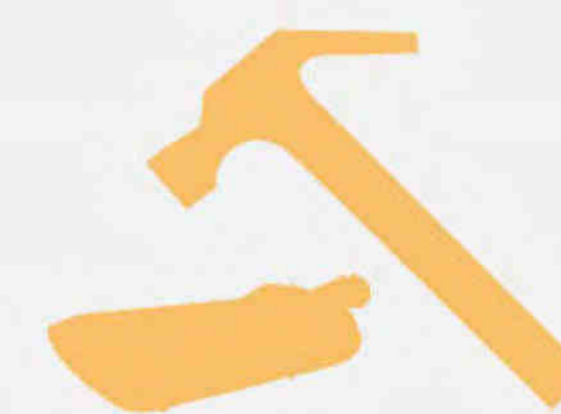
170-180lm/w



IP66



10KV-20KV



IK10



Warranty



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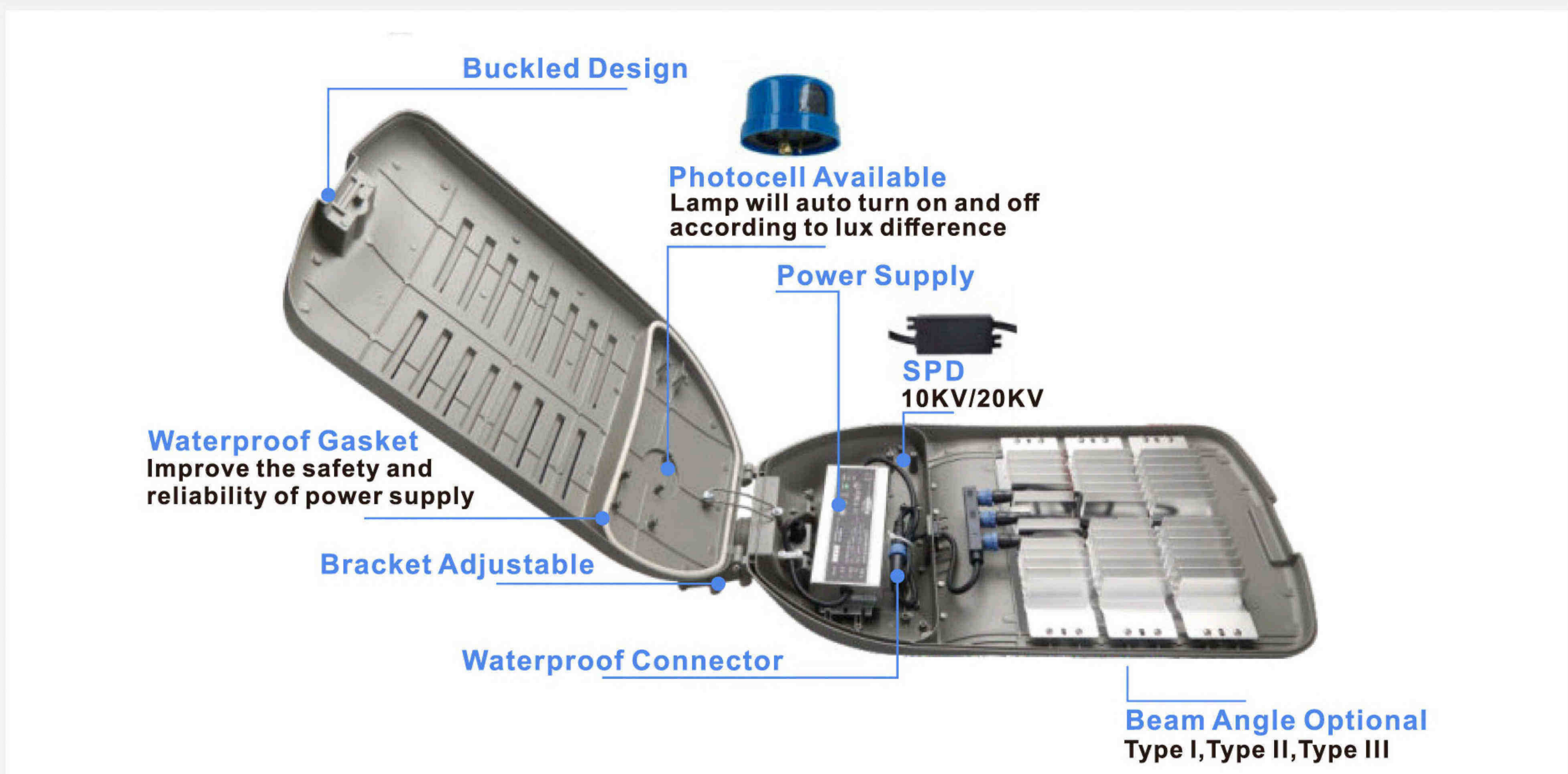


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External Design Features



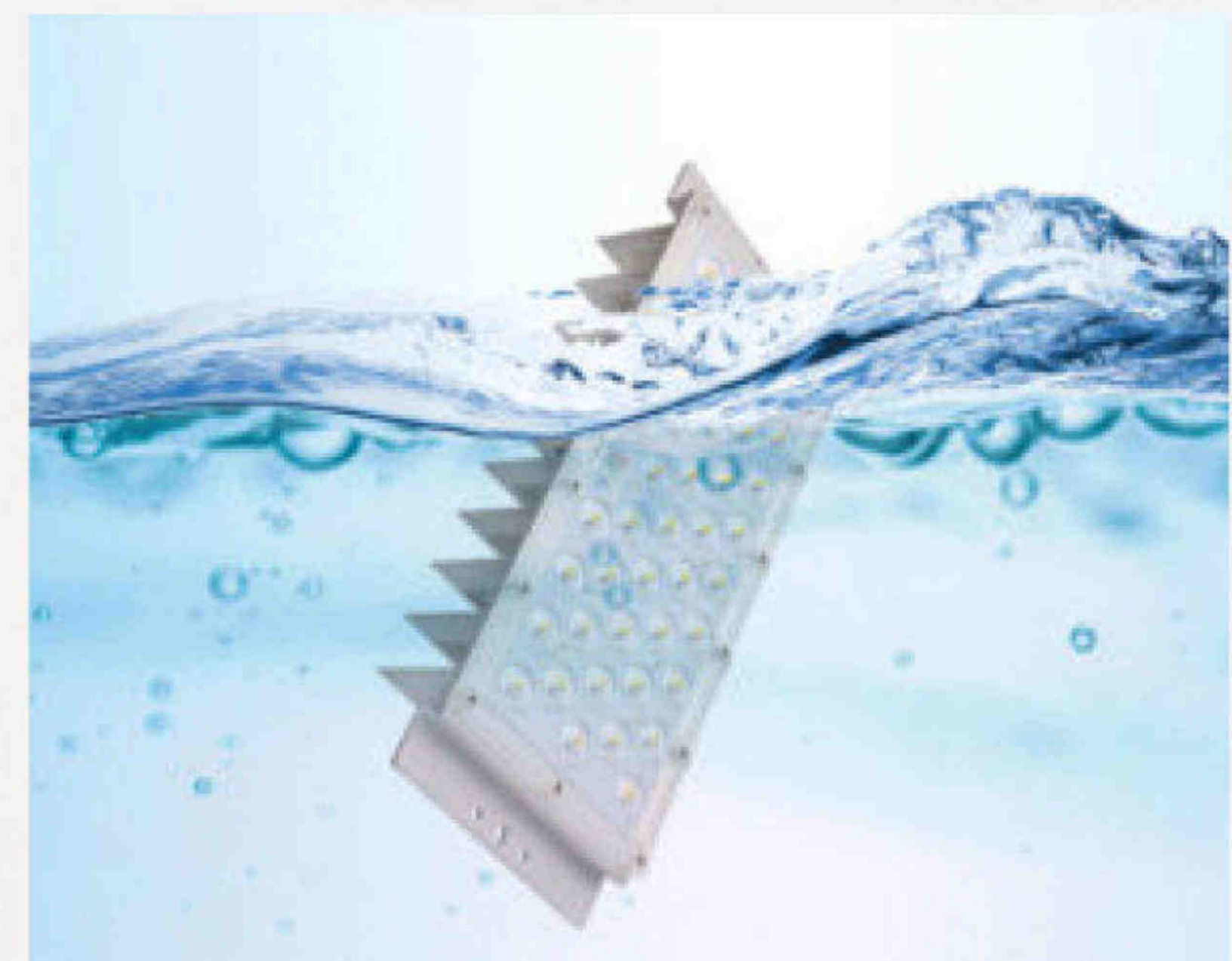
Internal Design Features



IP66 Whole Lamp



IP67 Module



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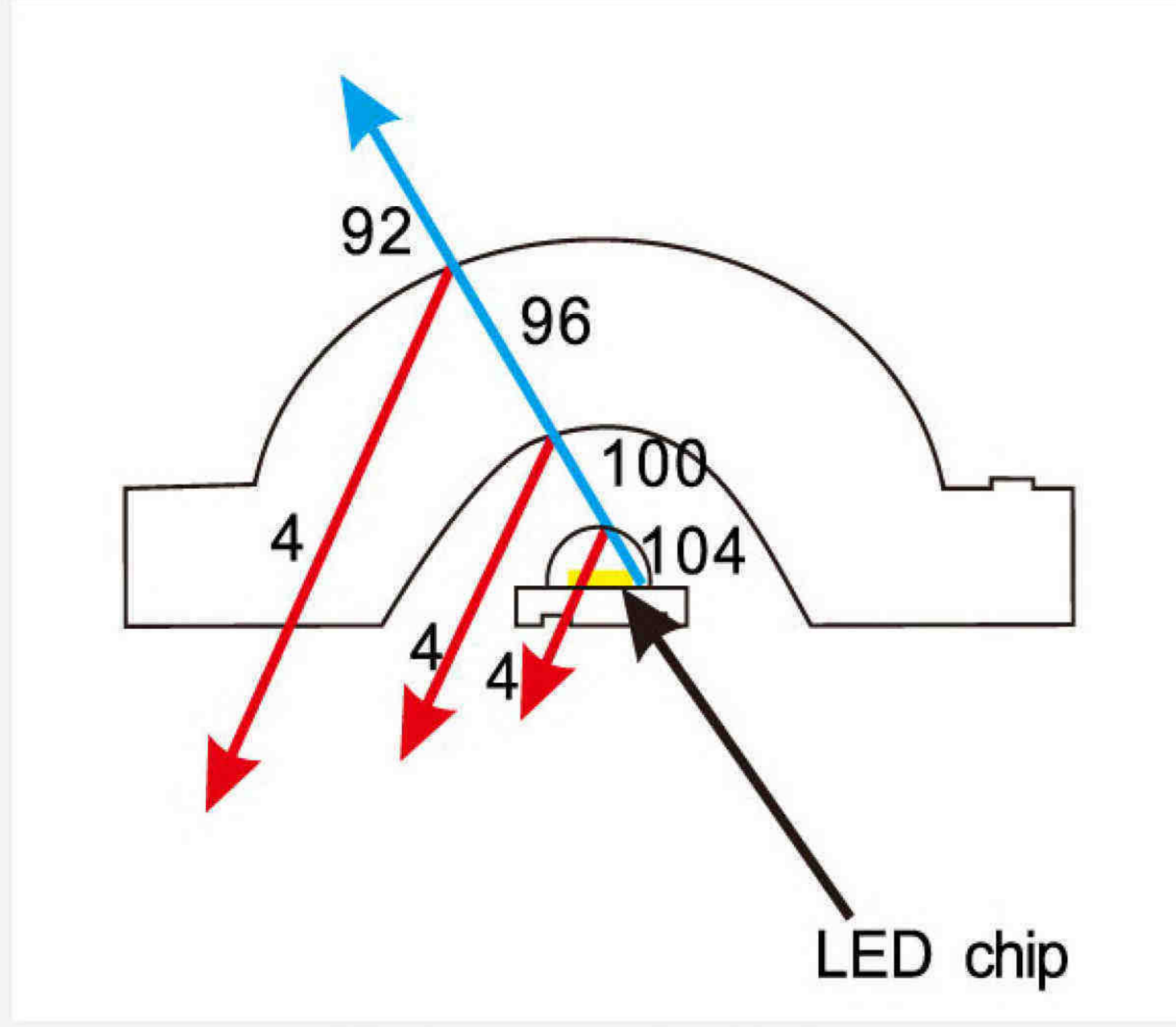


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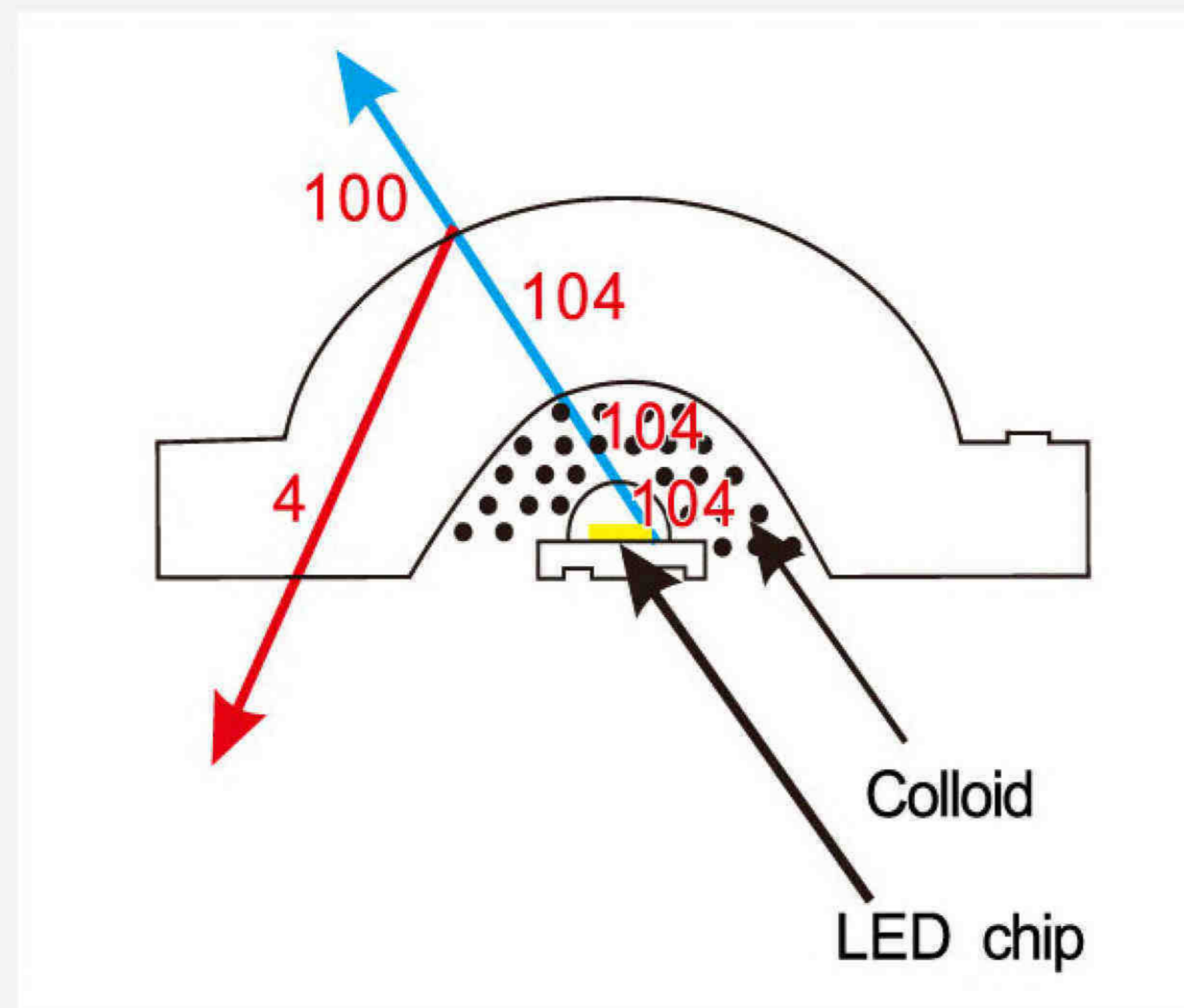


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High efficiency



Normal Distribution Lens



Zero-Air Tech Lens

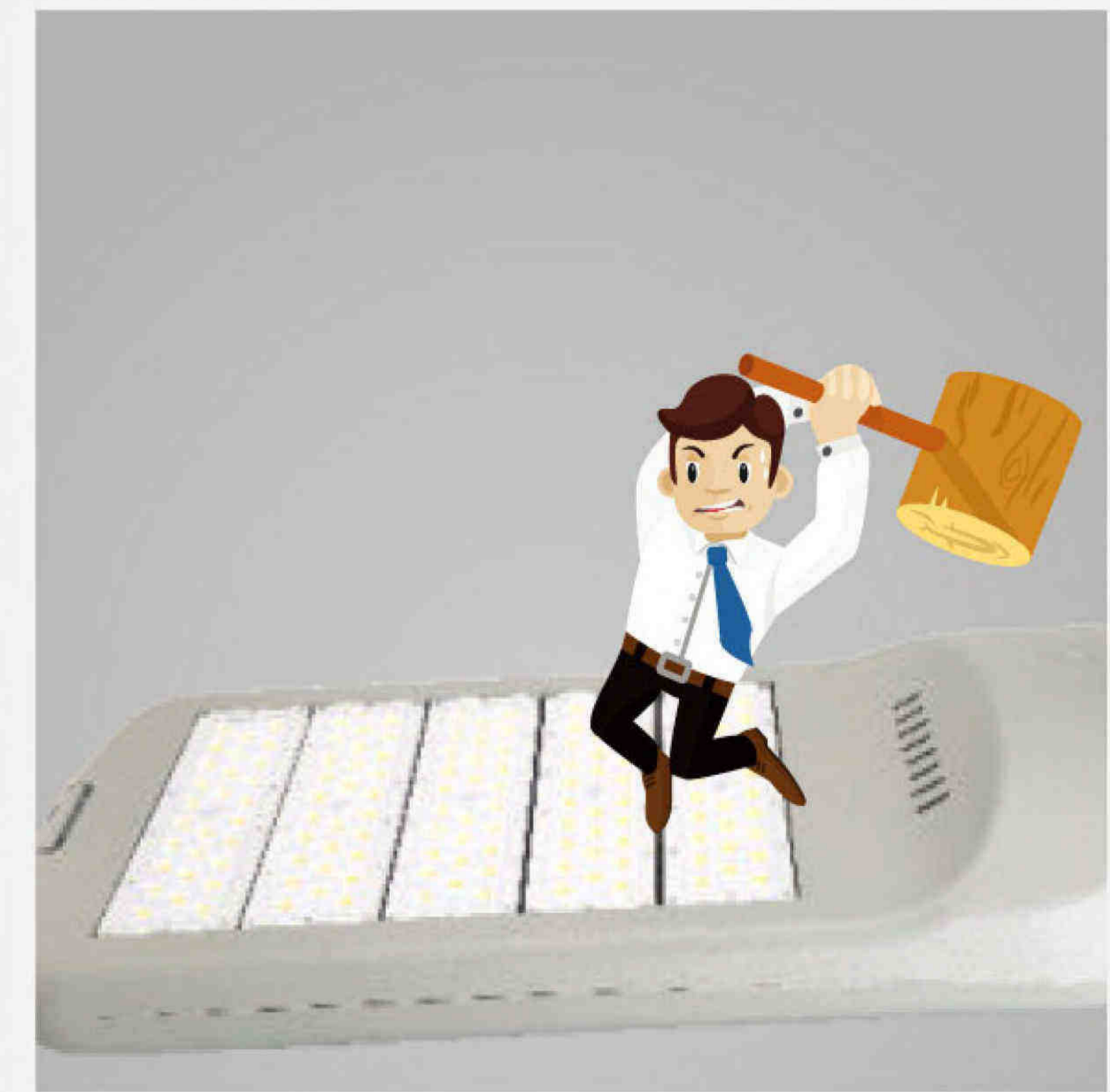


Adoption of Lepower developed "Adaptable Colloid Tech" to achieve "Zero air" space between LED and Lens, make up the loss of light reflected. Light transmittance >98%

Flexibility



IK10



Tool free maintenance photometric engine and electronic assembly is easy to replace on-site



Dual lightning protection Driver
10KV+SPD 10KV



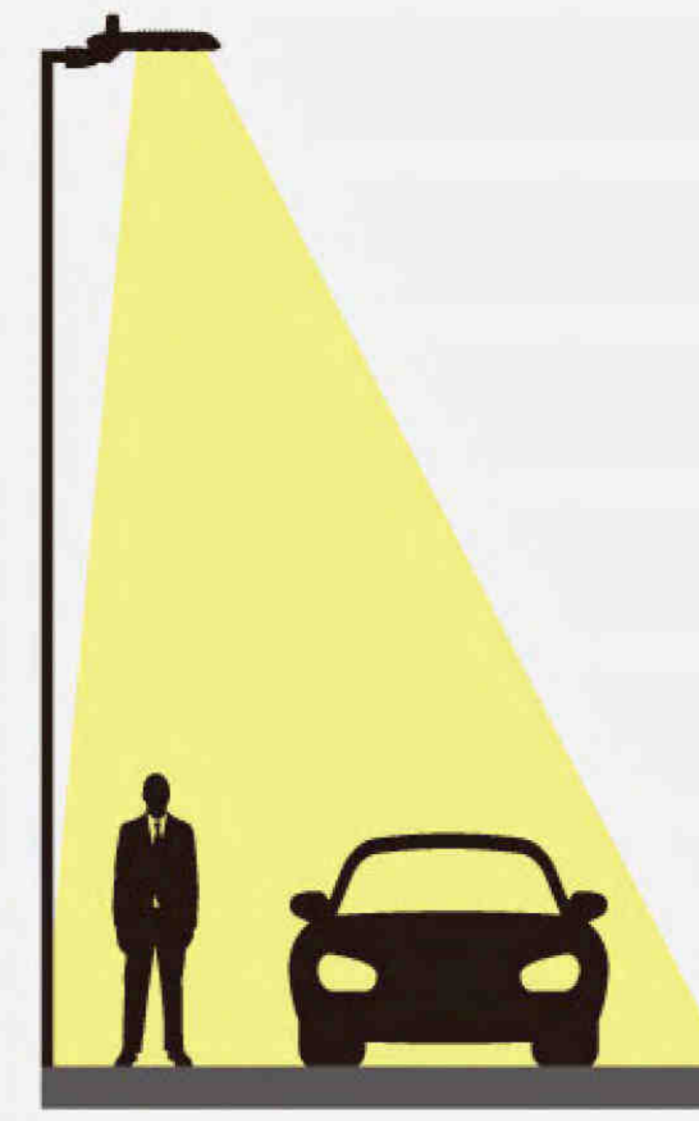
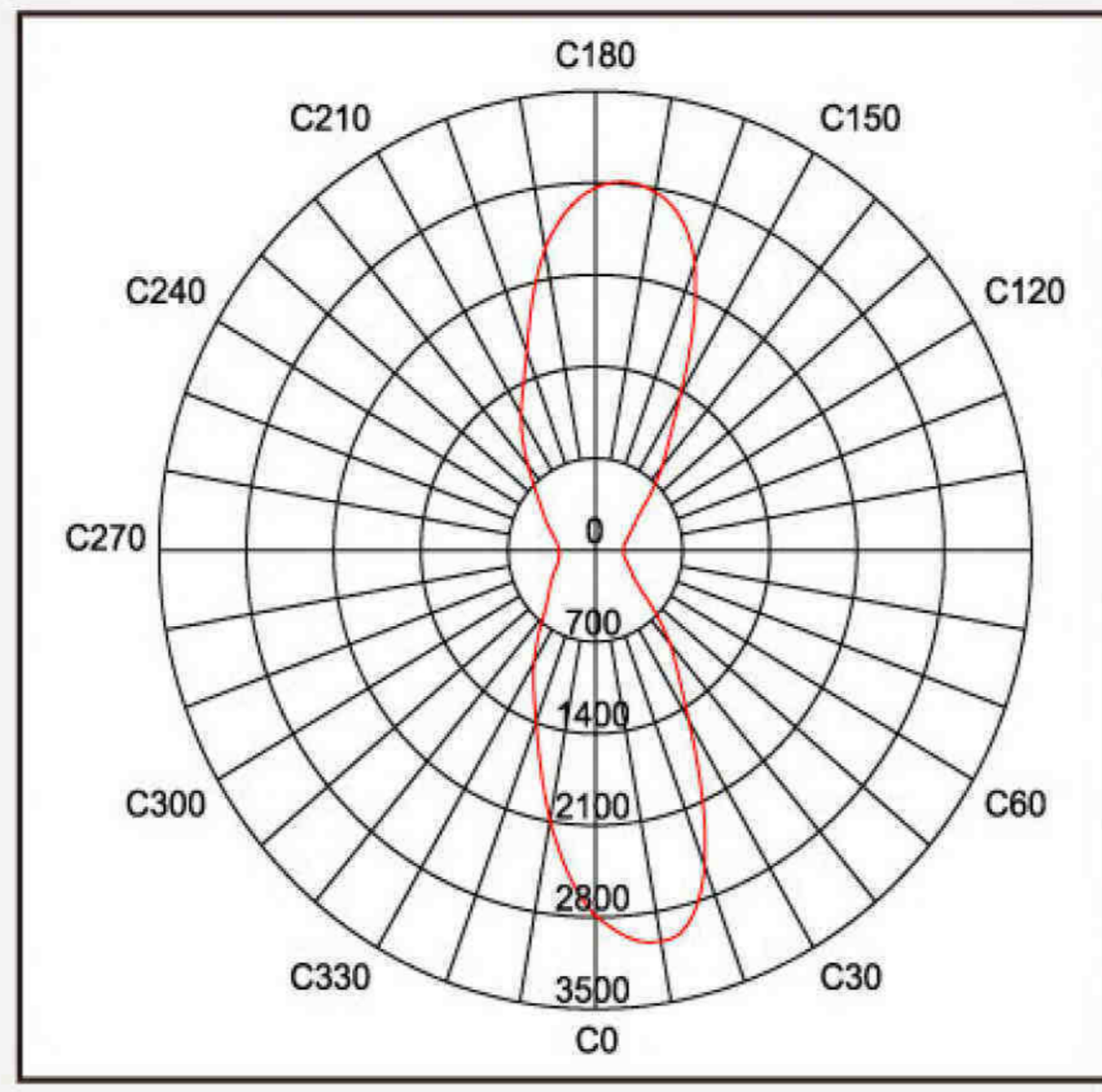
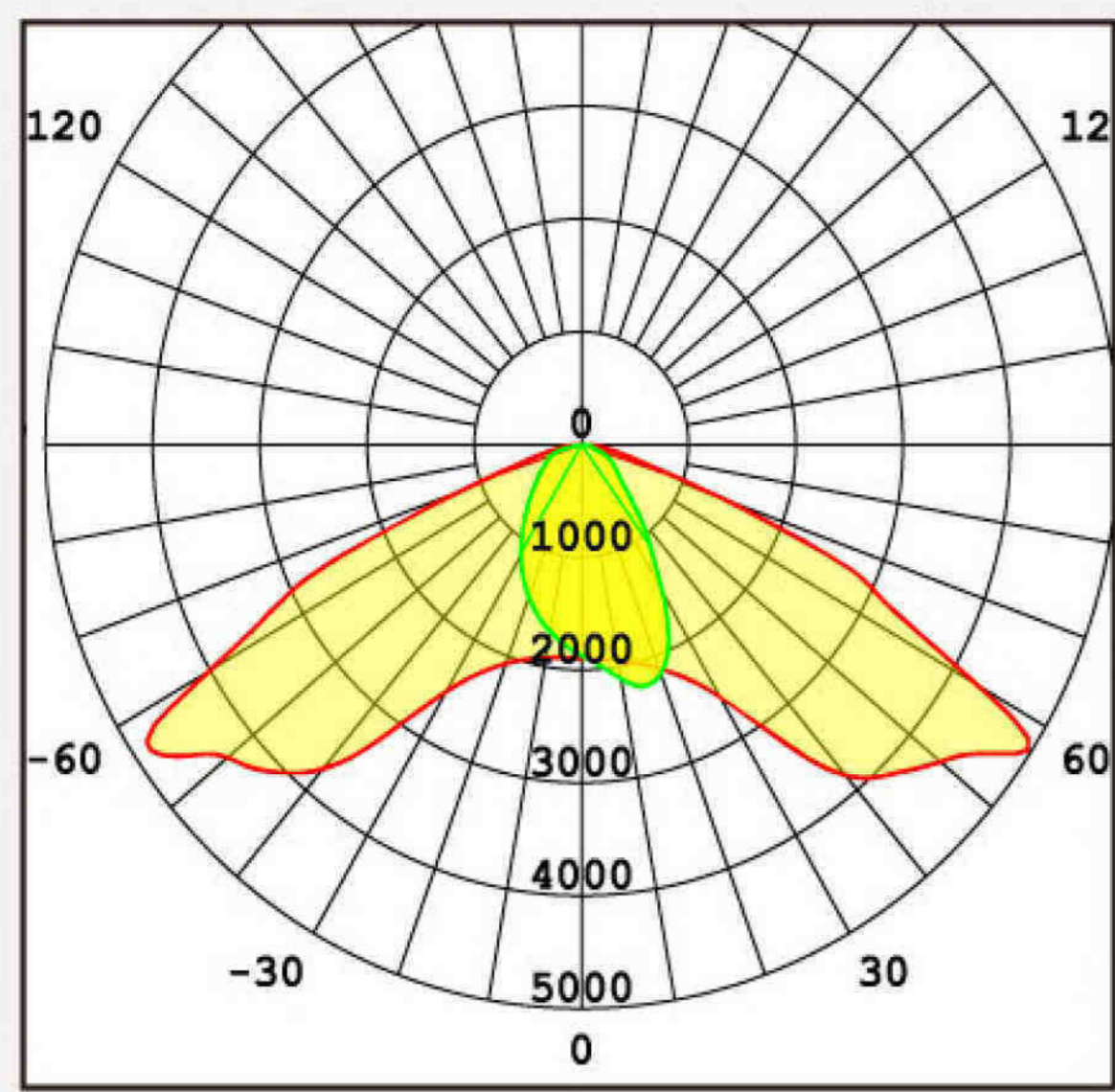
Automatic disconnection of the power supply



Photocell sensor
Lora controller

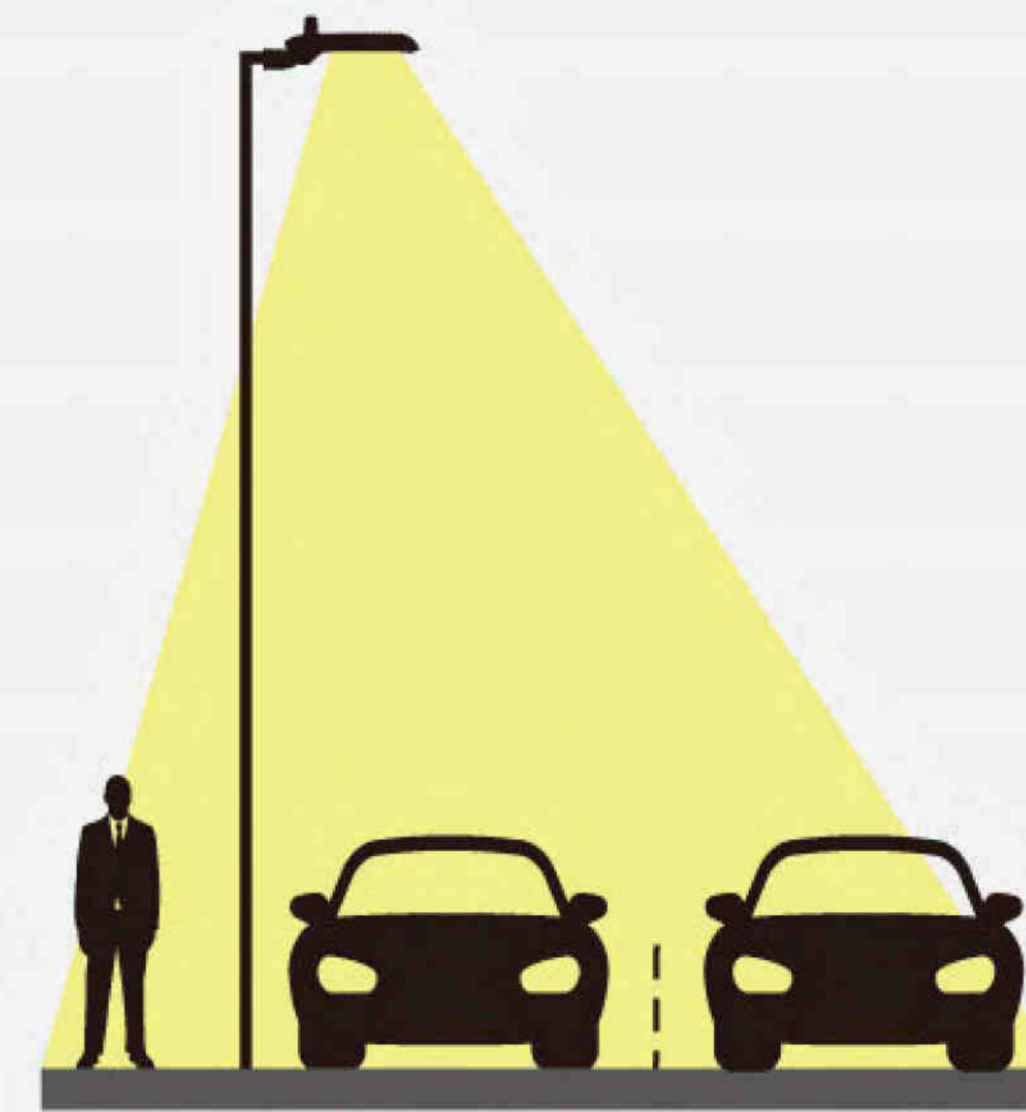
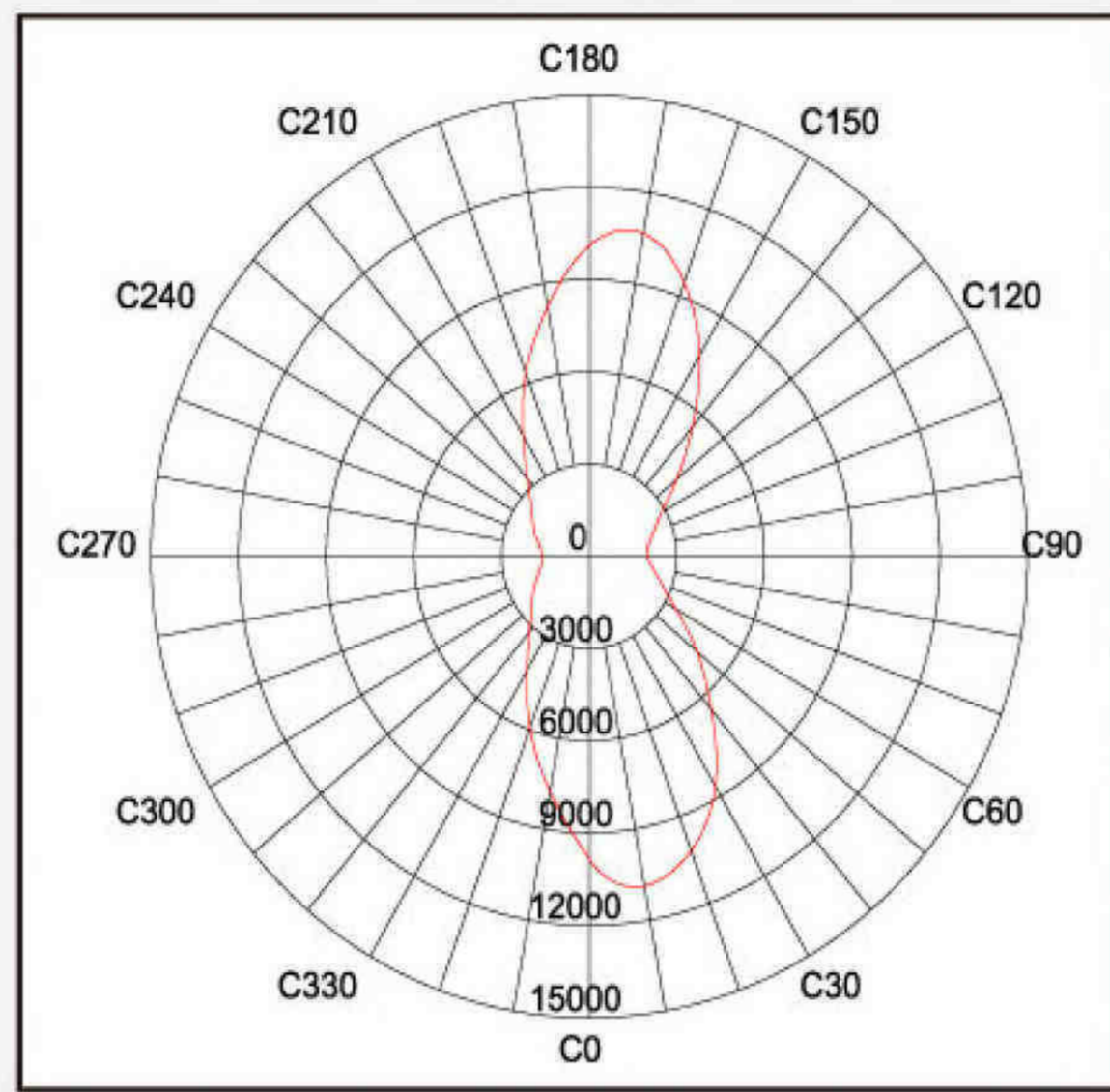
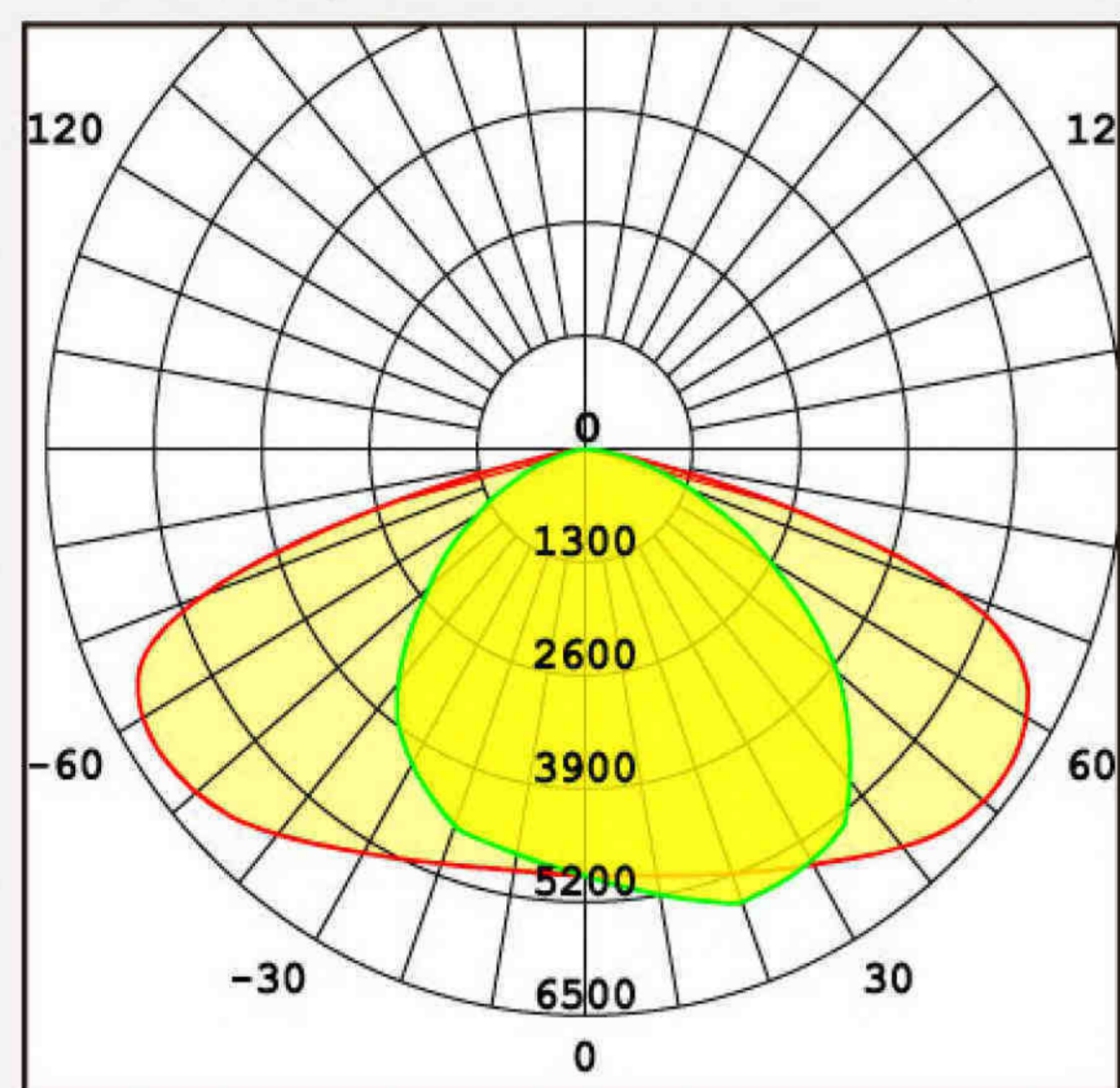
Distribution Curve

TYPE I (70MM)



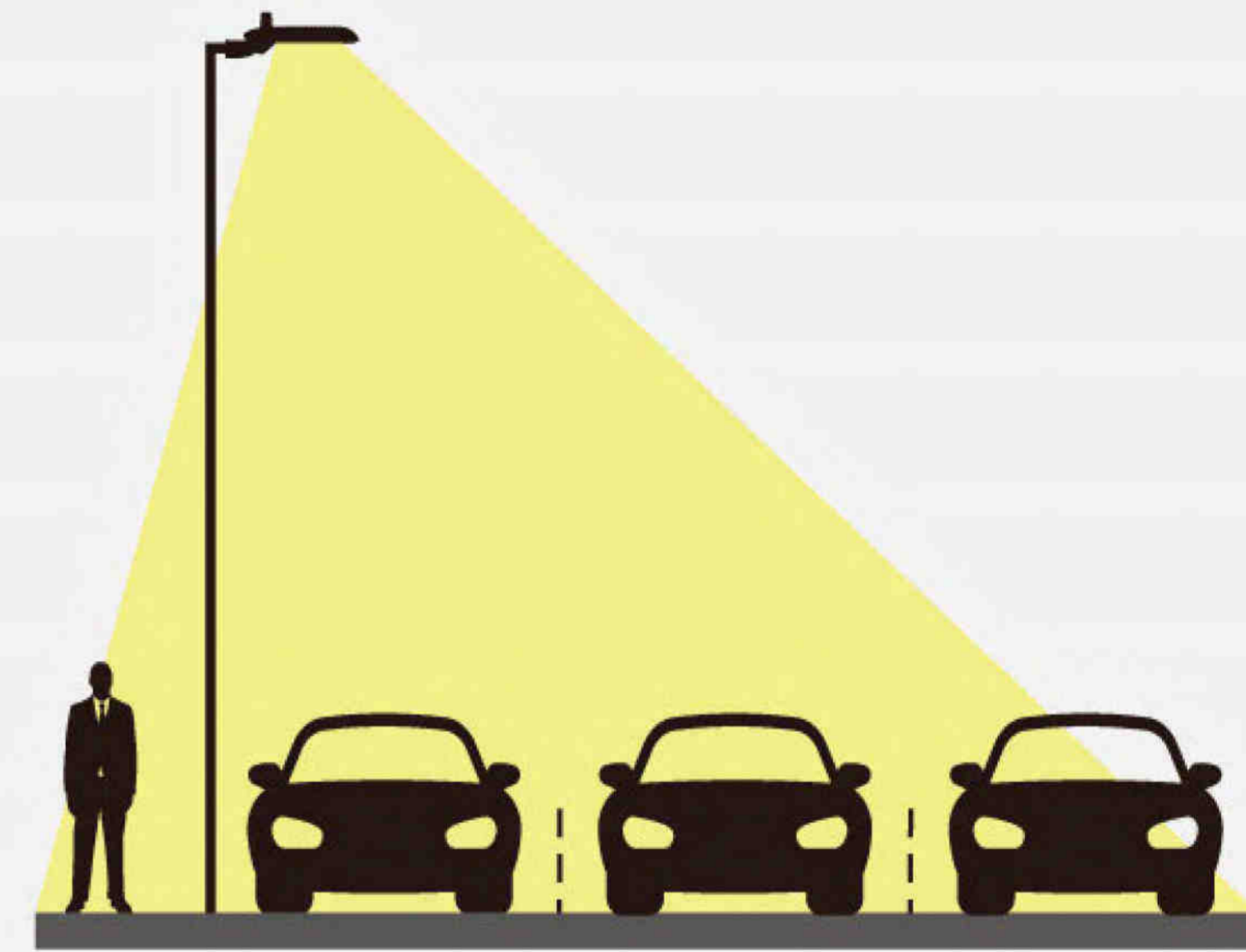
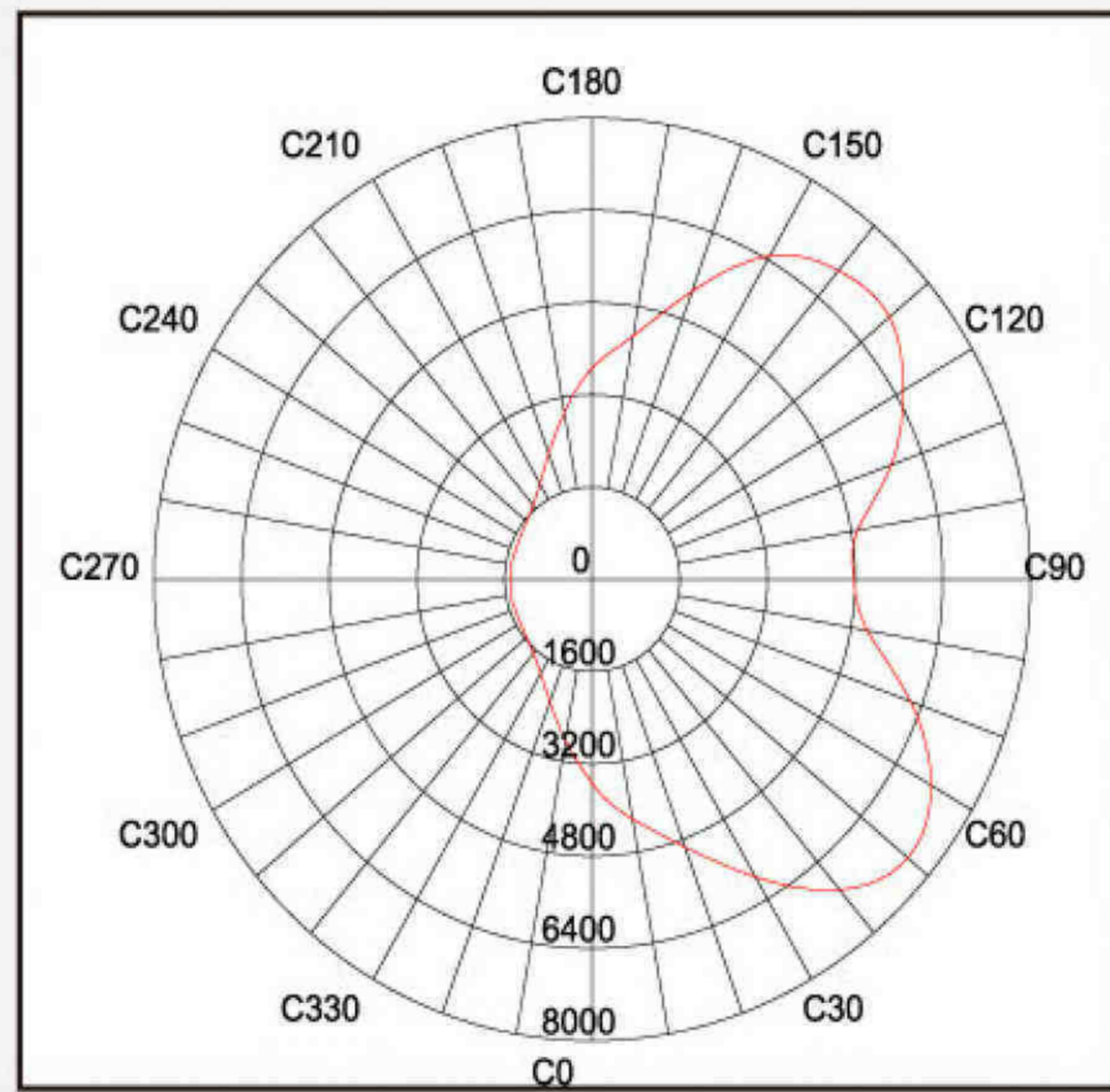
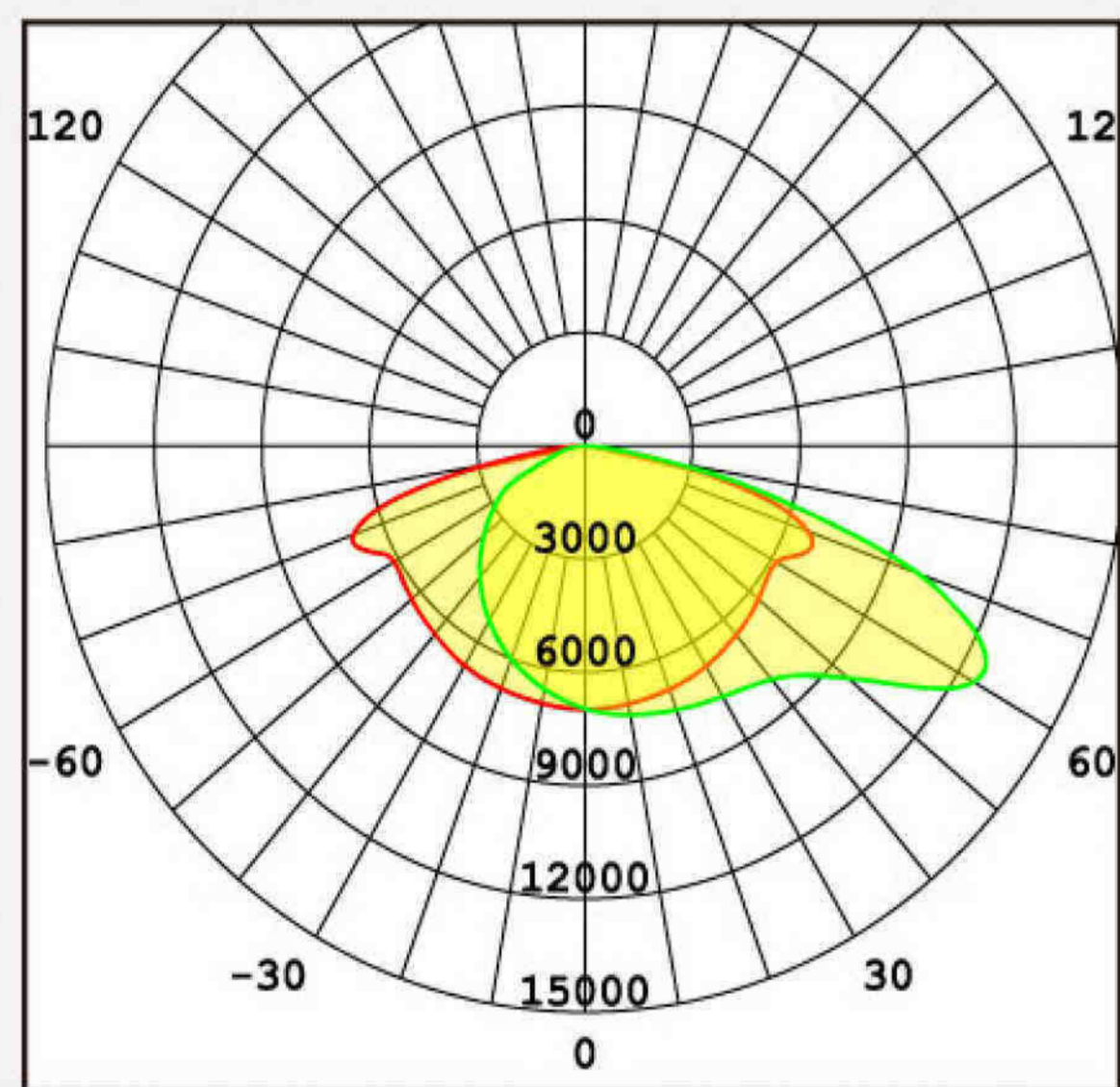
AVERAGE BEAM ANGLE (50%):104.5 DEG
UNIT:cd — C0/180,142.9° — C90/270,66.0°

TYPE II (70MM)



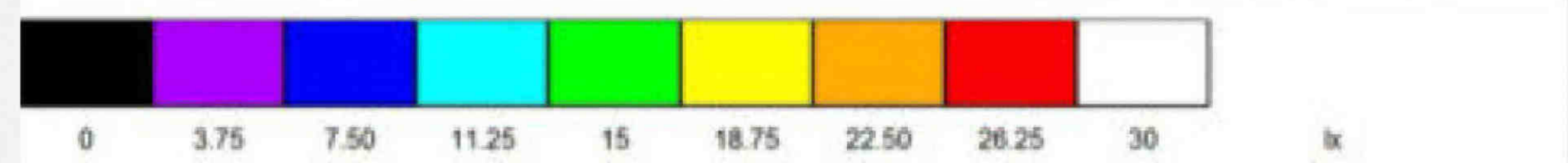
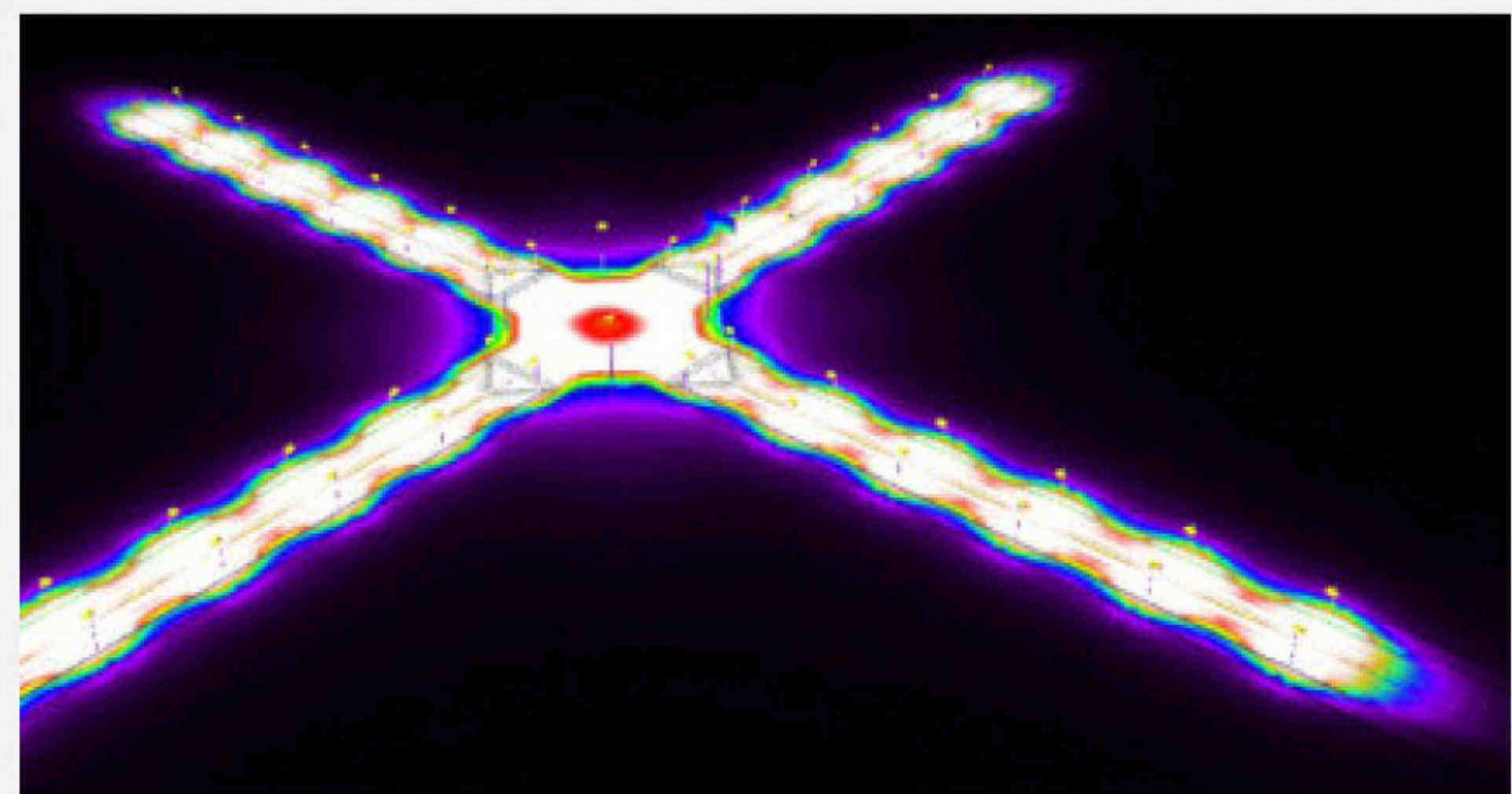
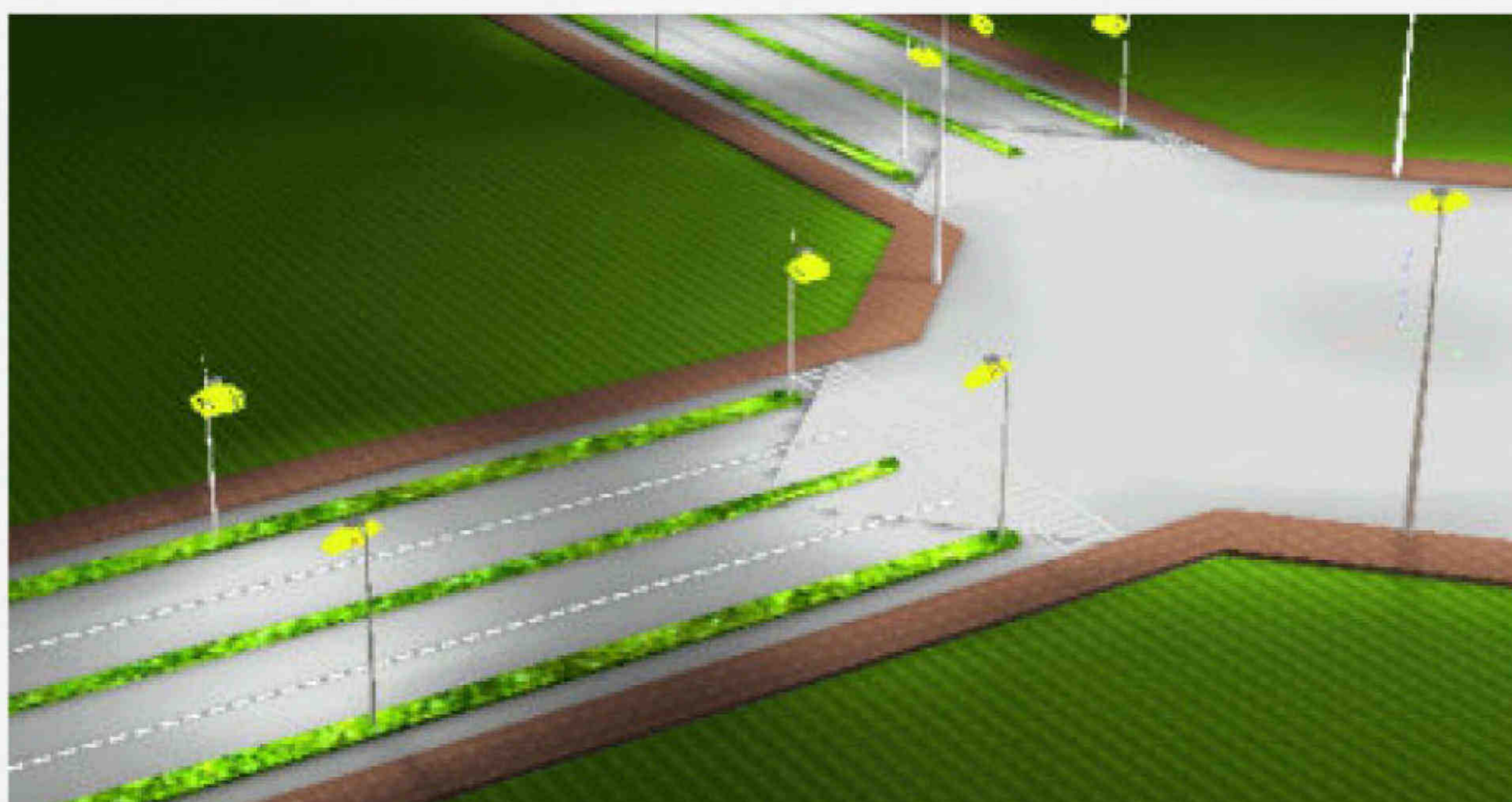
AVERAGE BEAM ANGLE (50%):197.5 DEG
UNIT:cd — C0/180,149.9° — C90/270,62.9°

TYPE III (70MM)



AVERAGE BEAM ANGLE (50%):93.8 DEG
UNIT:cd — C0/180,156.0° — C30/210,89.9°

Dialux



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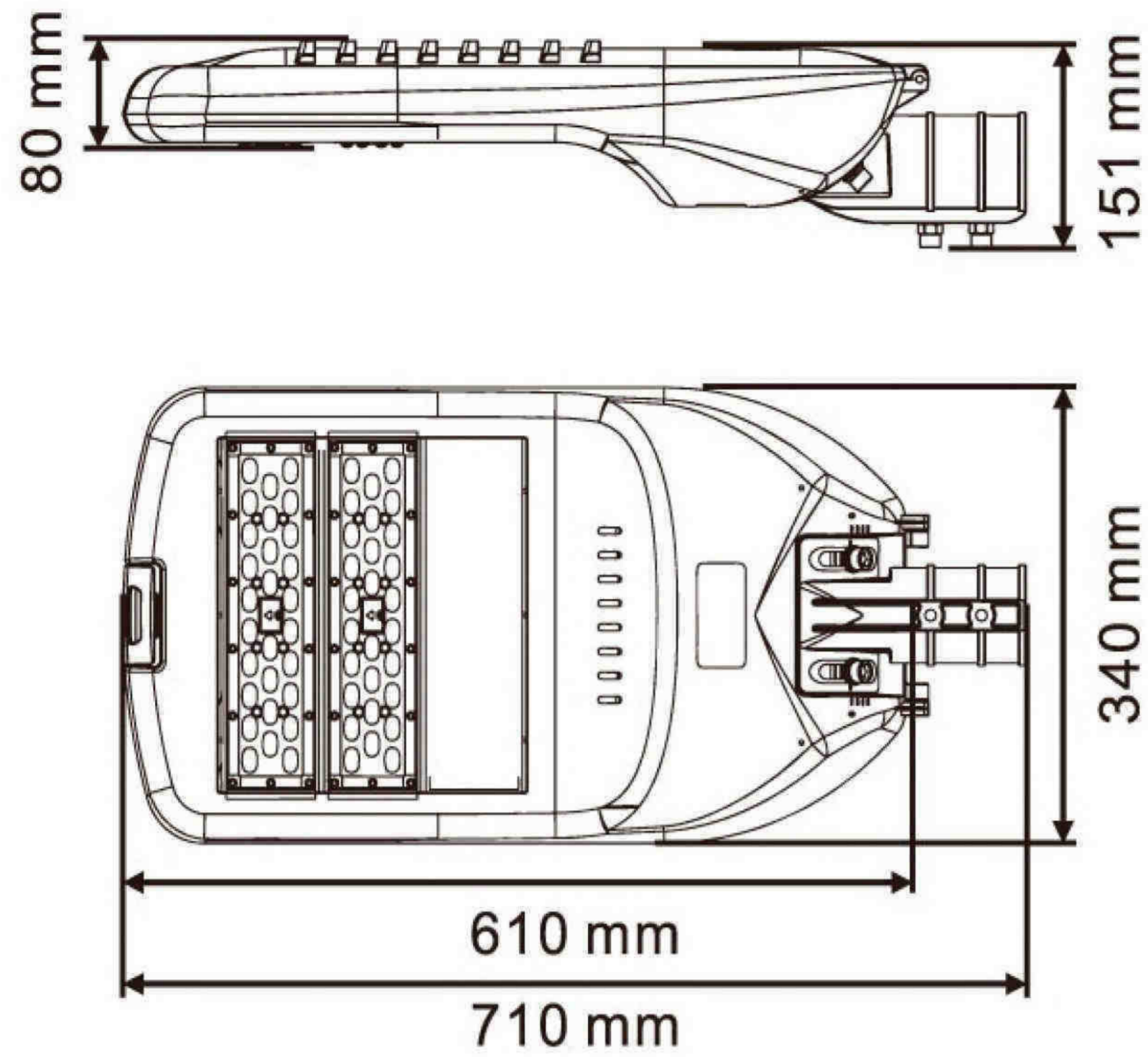
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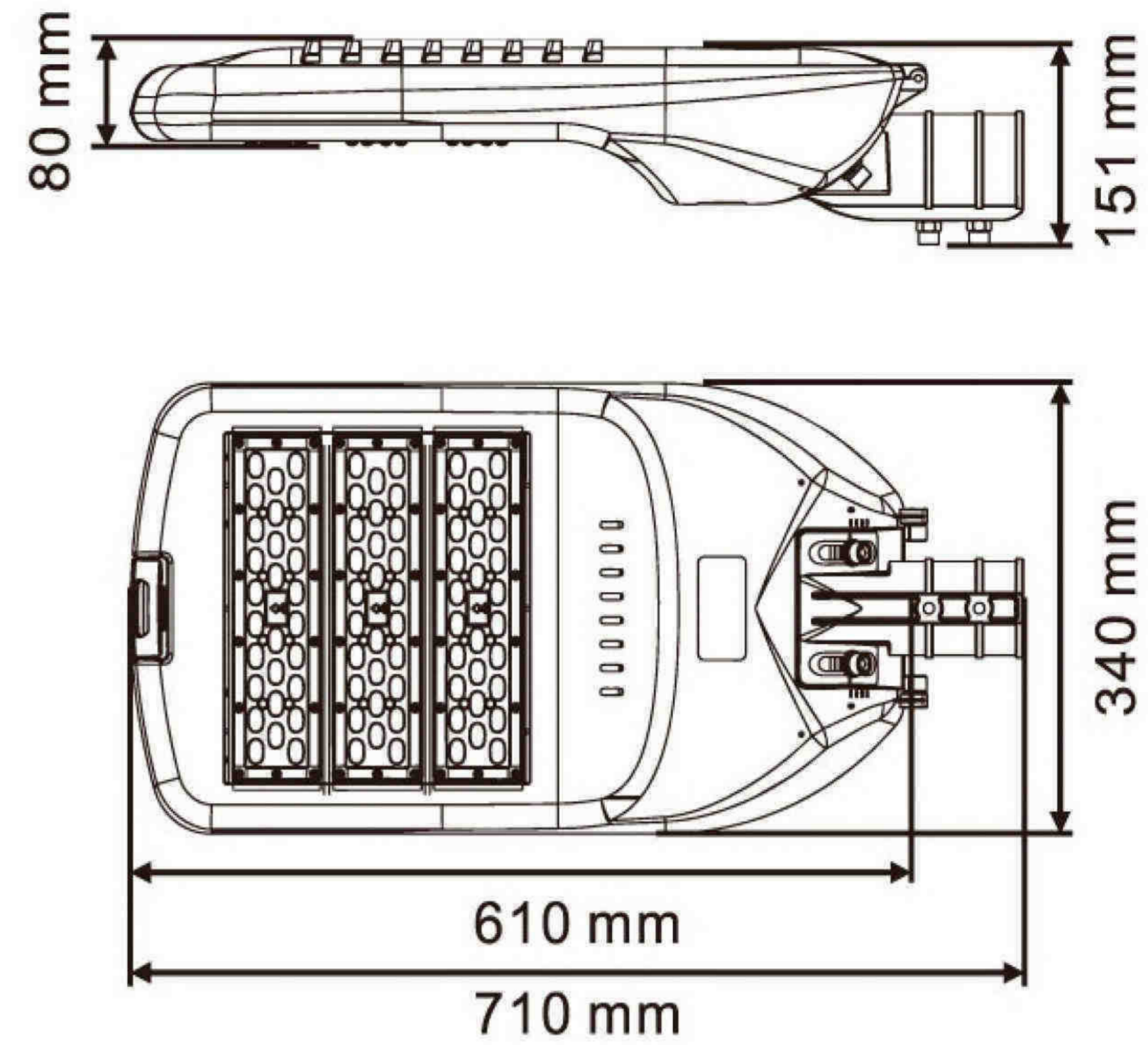
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Dimension(mm)

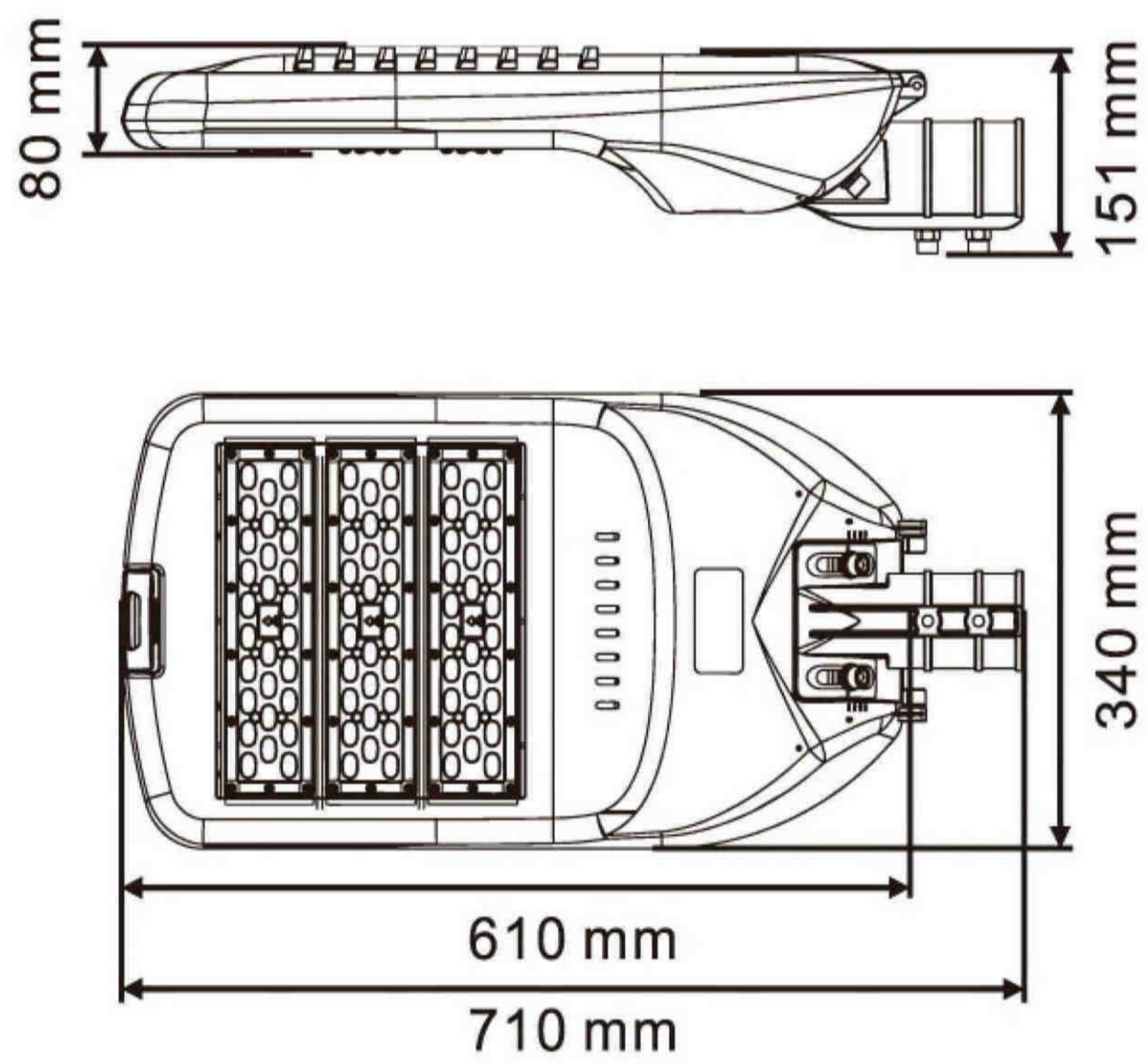
60W



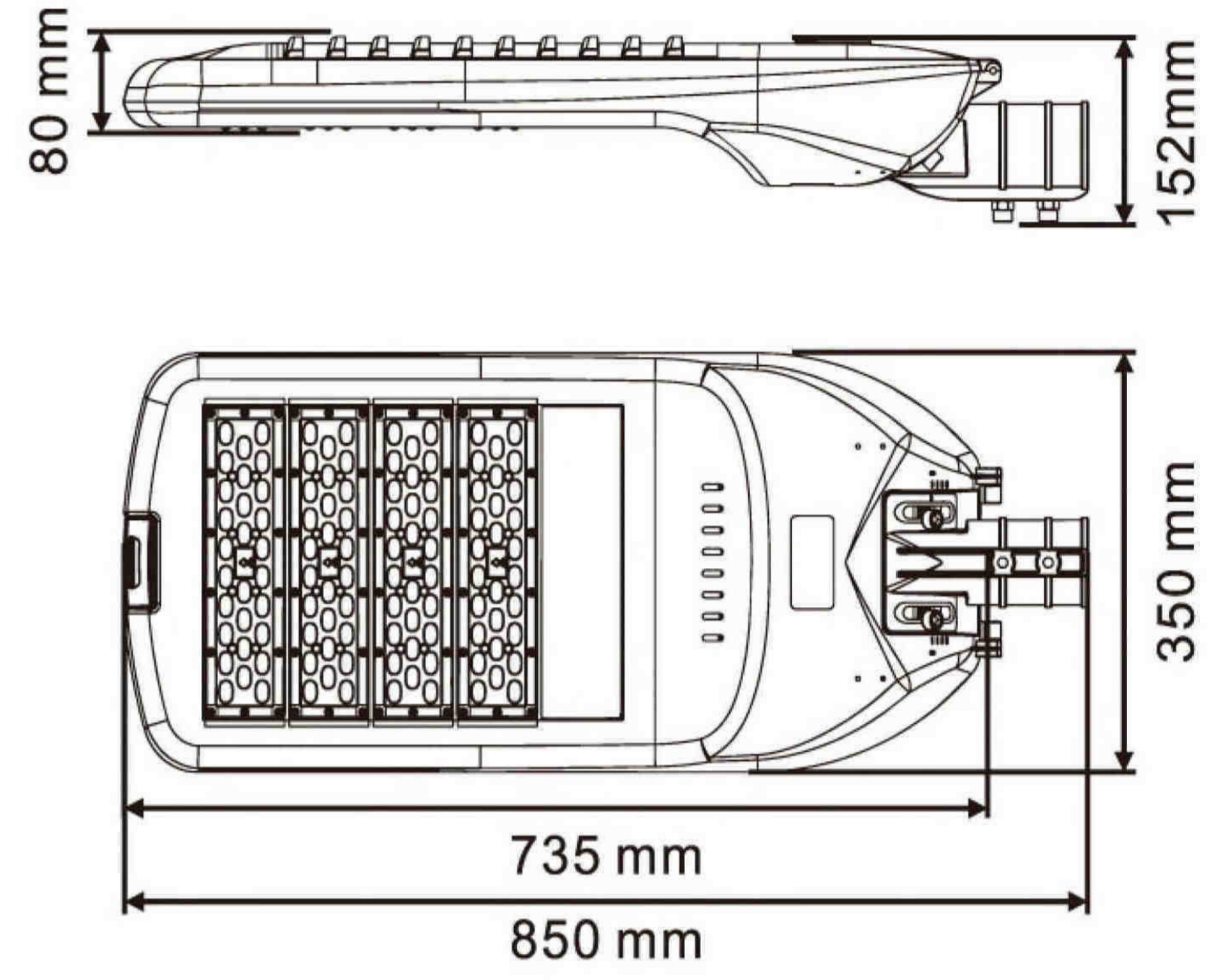
90W



120W

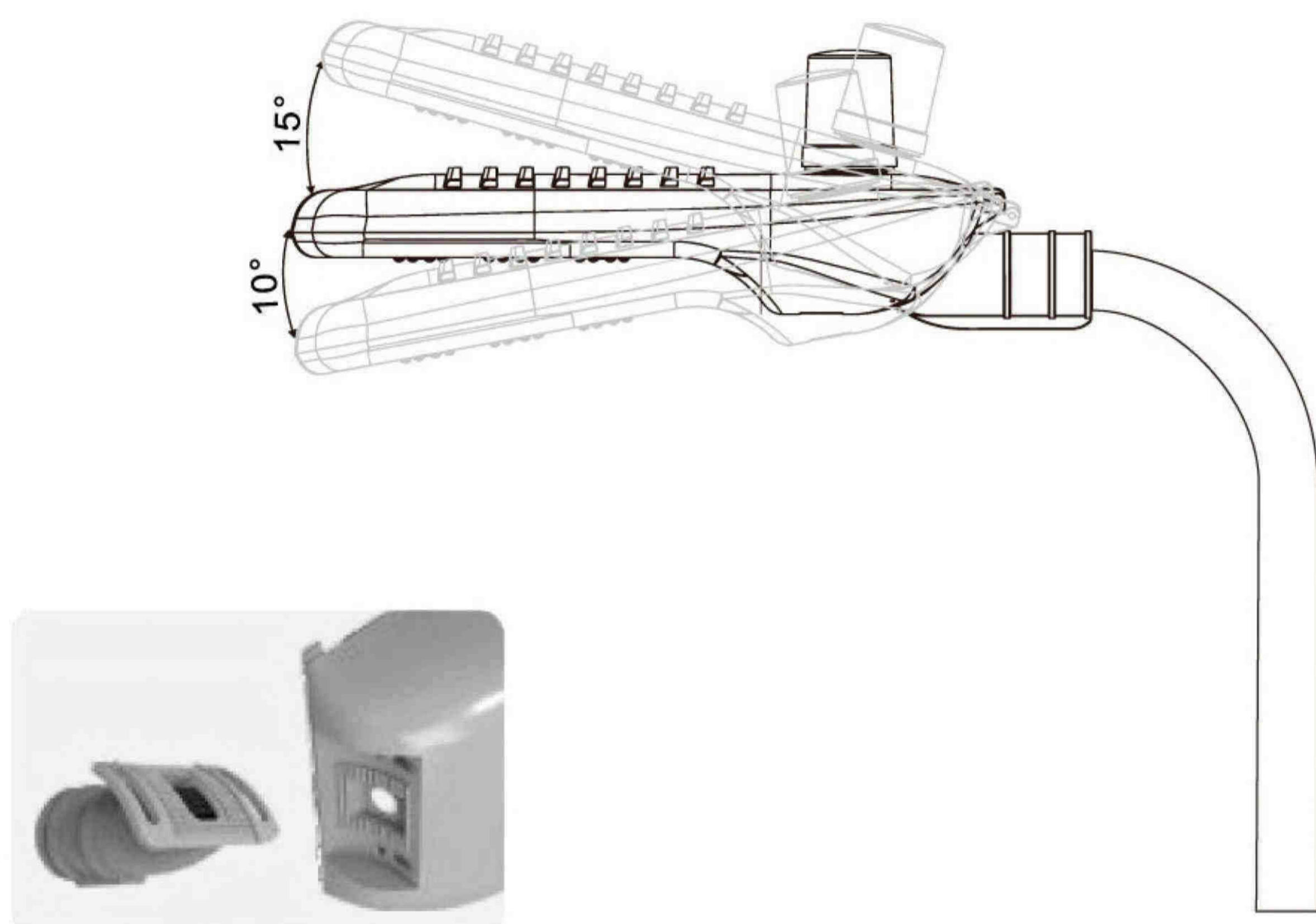


150W

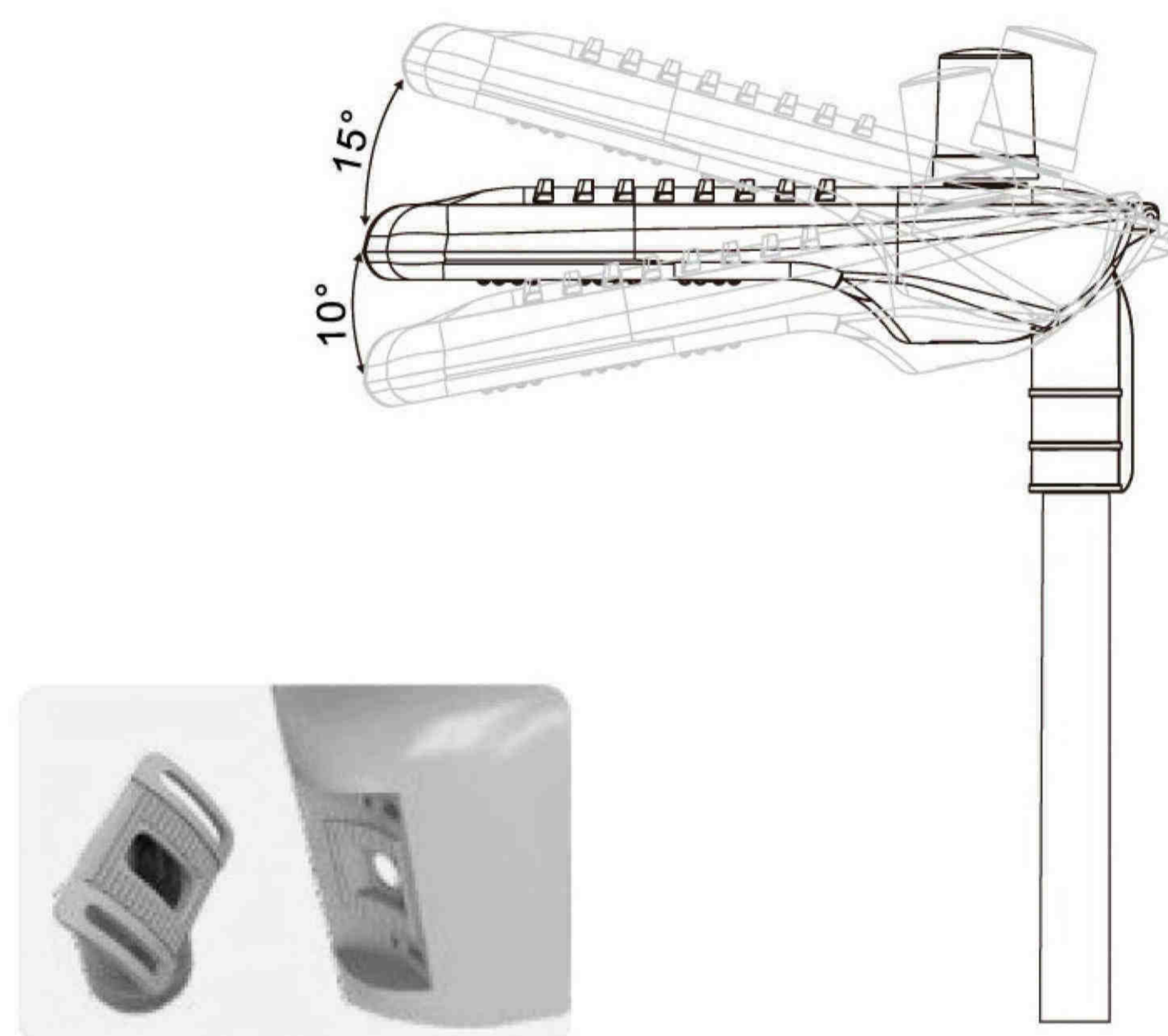


Installation

Horizontal installation



Vertical installation



Maintenance

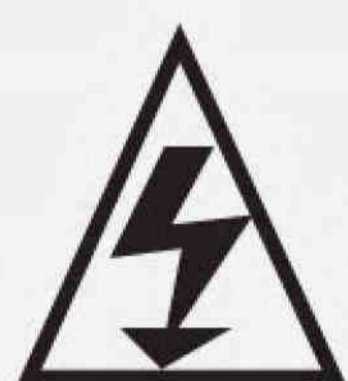
Part A: Power supply maintenance

- Cut off the power and open the backside cover;
- Remove the connectors of the power supply, and remove the screws;
- Take out the replacement parts;
- Retighten the replacement power supply, and connect the connector;
- Close the backside cover and fasten the lock;
- Maintenance completed.

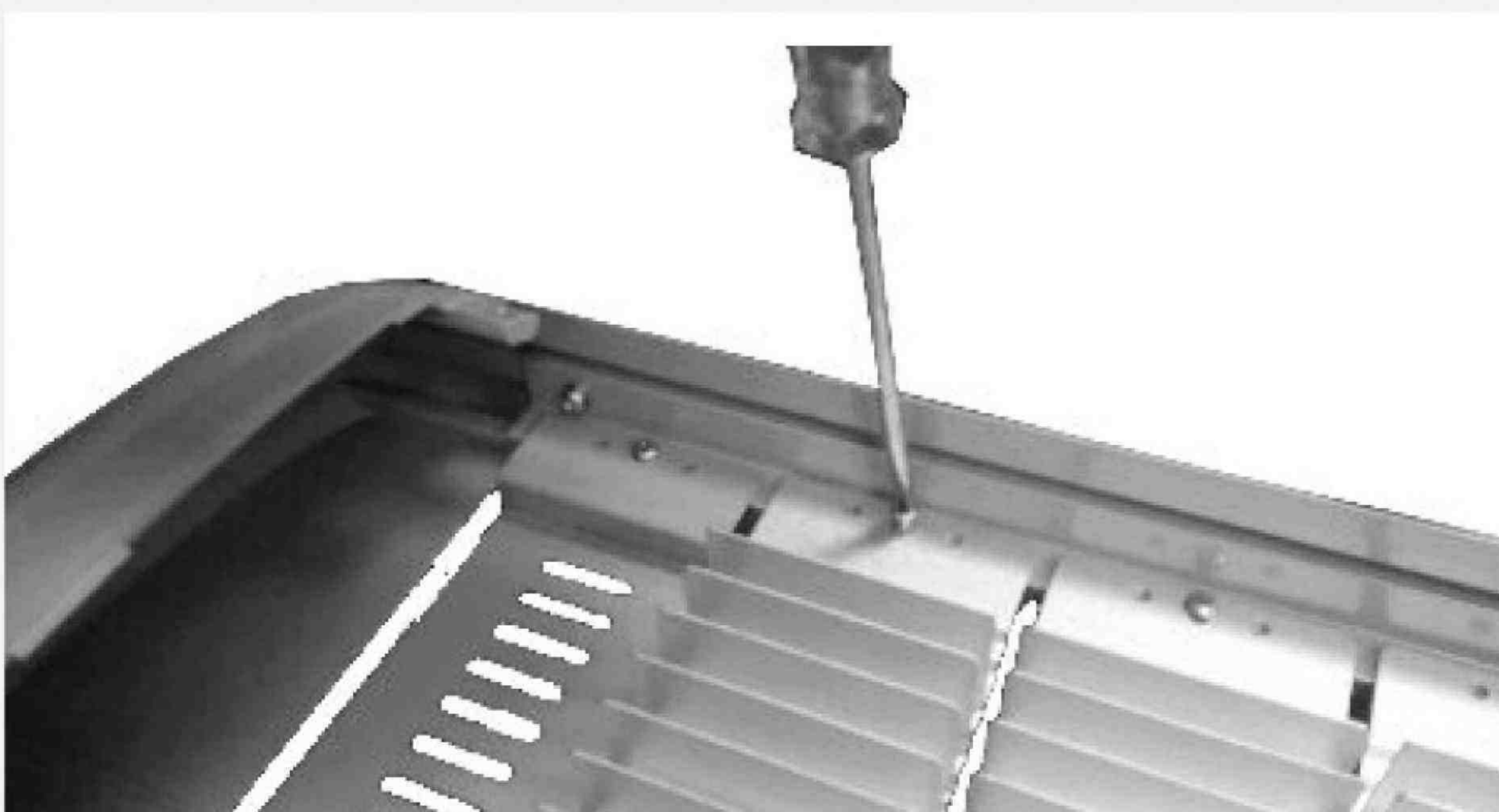
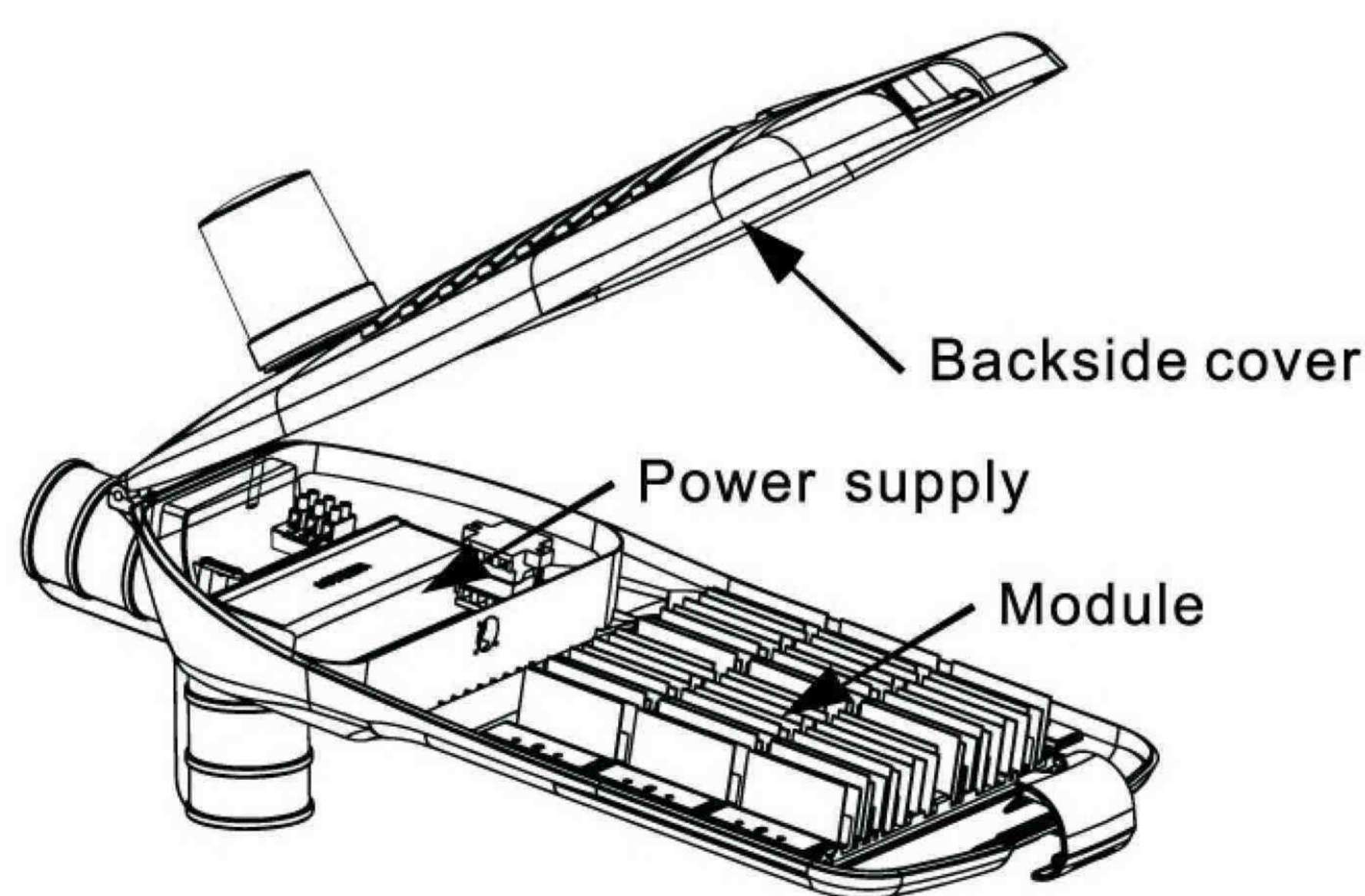


Part B: Module maintenance

- Cut off the power and open the backside cover;
- Remove the connector plug of the replacement part ;
- Take out the module to replacement;
- Retighten the replacement parts, and connect the connector;
- Cover the backside cover, and lock the screws;
- Completion of maintenance.
- These module are non-user replaceable. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN COVER



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