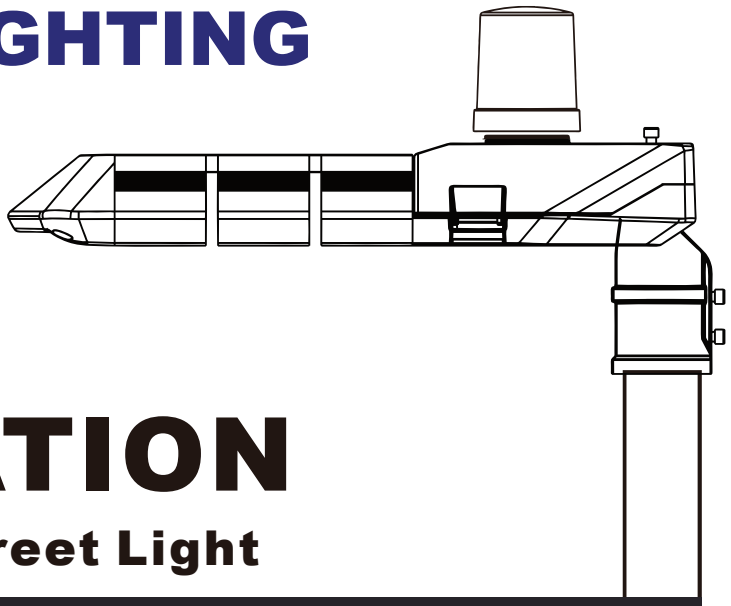
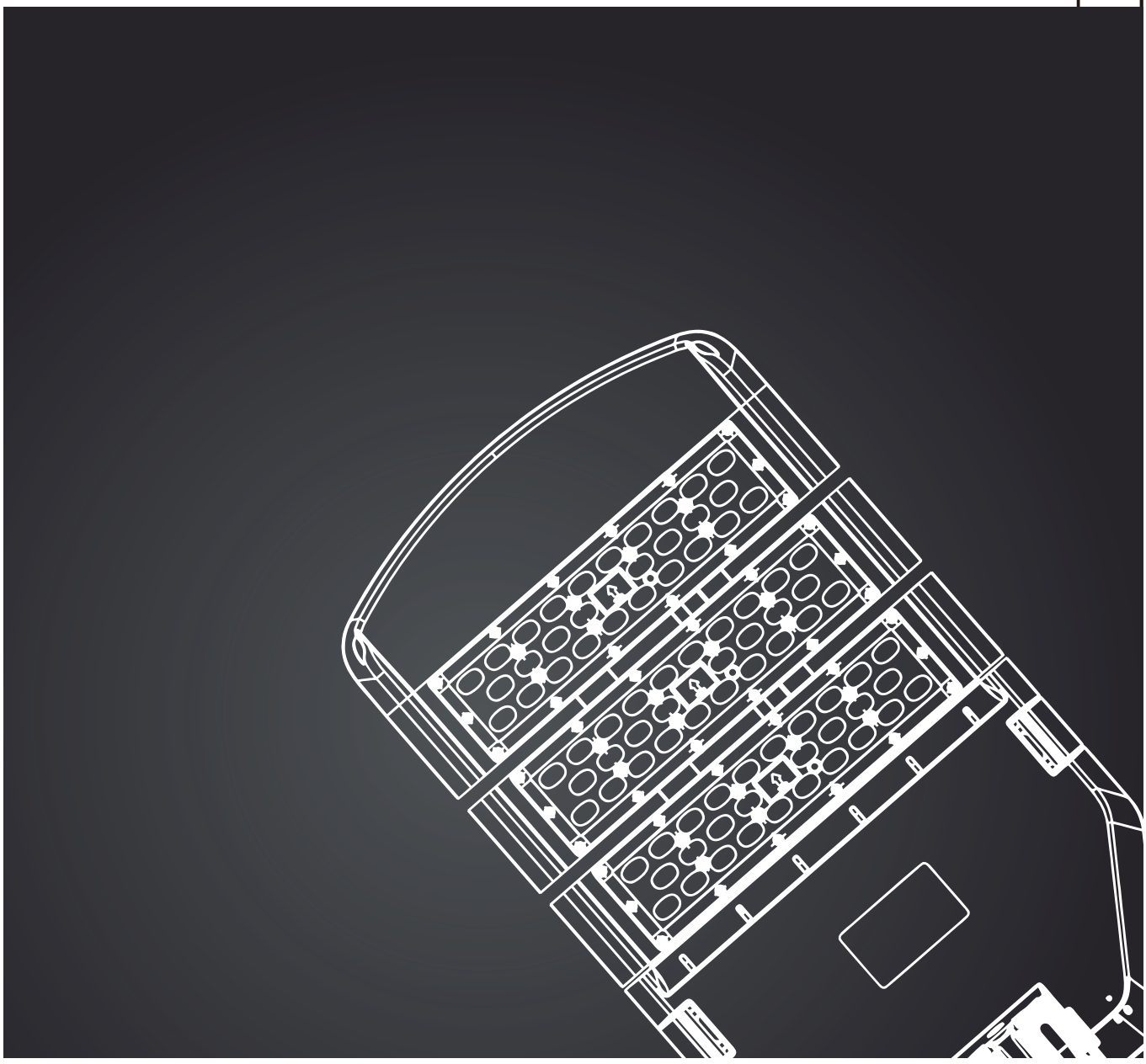
WSLI STREET LIGHTING



2024
SPECIFICATION
P3 professional LED Street Light



44 COPPER STREET PROSPERITA WINDHOEK NAMIBIA,0813255882 :paul@wstar3.com

V1.0

100,000 HOURS

L80 EXCEEDS

White Star Lighting Industry Pty Ltd

Let there be light

P3 LED modular street light are most matured & best selling product.

It has excellent lighting performance. Meanwhile,it meets OEM requirements on housing fixture,LOGO or Slogan. Also,more competitive price compared with new LED street light. P3 is first option for you.

LM80 LM79 IK10 IP66

Main Features

- High pressure aluminum 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 160lm/w.
- Type Ⅰ, Ⅱ, Ⅱ-M, Ⅱ-M(Vertical), Ⅲ, Ⅲ(B), Ⅲ-S, Ⅲ-M lens optional. Uniform light distribution apply to different street light project.
- Excellent operating temperature -40°C ~ 50°C
- Replaceable and upgradable modular design easy assembly easy installation and easy maintenance.
- Green product,no UV,IR radiation or mercury pollution.Passed IEC62471.
- ± 15° 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.
- Life-span over 100,000 hours, 5 years warranty.

Parameters

Electric Data

Model	WSLI - P3 - LED street lights				
Power	50W	100W	150W	200W	250W
Power Efficiency	88%	90%	90%	90%	92%
Power Factor	>0.95				
Power Supply	MOSO/MEANWELL				
Working Voltage	90-305V/249-528V AC,50/60Hz				

Photometric Specifications

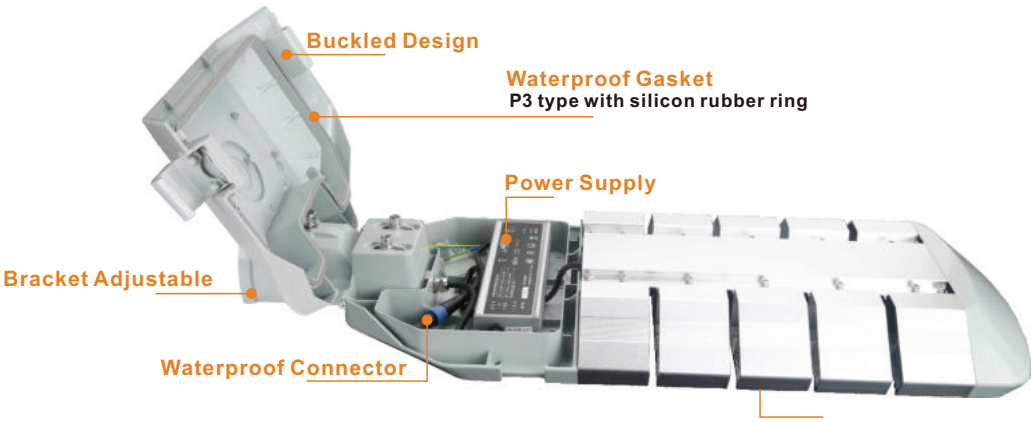
LEDs	5050 LED chips drive current 600mA to 900mA or **customized**				
CRI	>70(>80,>90 optional)				
Luminous Efficiency	160-190lm/w (Customized)				
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs
Luminous Flux(±5%)	8500lm	17000lm	25500lm	34000lm	42500lm
CCT	3000K/4000K/5000K/6000K				
Beam angle	Type Ⅰ, Ⅱ, Ⅱ-M, Ⅱ-M(Vertical), Ⅲ, Ⅲ(B), Ⅲ-S, Ⅲ-M				

Mechanical Specifications

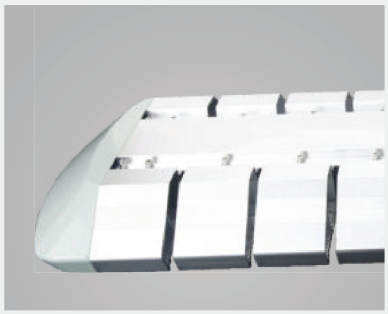
Inclination Angle	Horizontal ±15°		Vertical ±15°		
IP/IK Rate	IP66, IK10				
Lamp Pole	Ø50-60mm				
Working Environment	-40°C~50°C,20%~90% RH				
Storage Temperature	-45°C~55°C,10%~90% RH				
Body Material	Aluminum				
Housing Material	ADC#12(Housing)/AL6063-T5(Module)				
Lens Material	PC				
Dimmable	1-10V,DALI,LORA SYSTEM				
N.W.(KG)	4.8	5.7	6.6	7.5	8.4
Lamp Size(mm)	539x328x100	611x328x100	692x328x100	773x328x100	854x328x100
Lifespan of LEDs	>100,000 hrs (Ta=25°C@L80)				

External Design Features

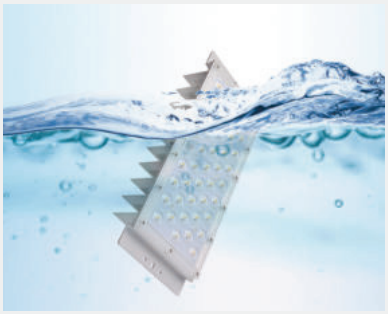
Internal Design Features



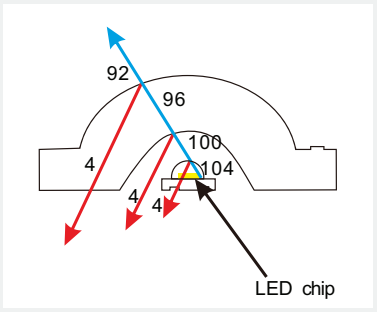
IP66 Whole Lamp



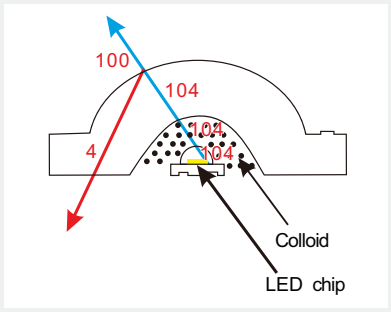
IP67 Module



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%.

Tool Free Maintenance

IK10

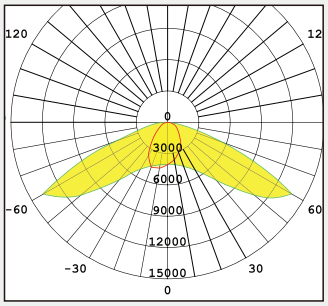
Dual lightning protection Driver 10KV+SPD 10KV/20KV.

Automatic disconnection of the power supply.

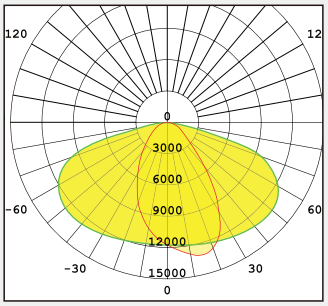
Photocell sensor lora controller LORA.

Distribution Curve

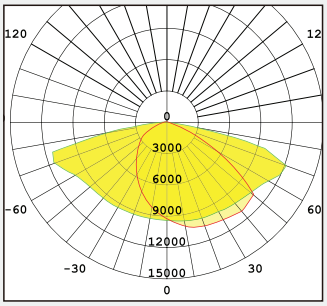
Type Ⅰ



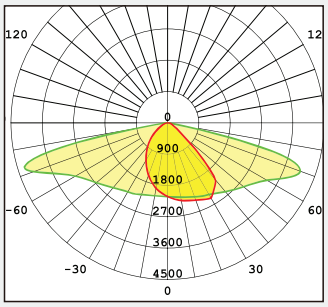
Type Ⅱ



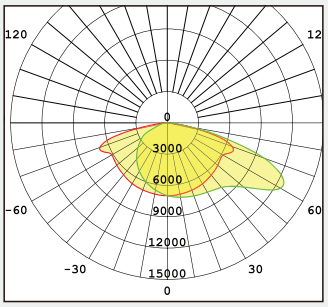
Type II-M



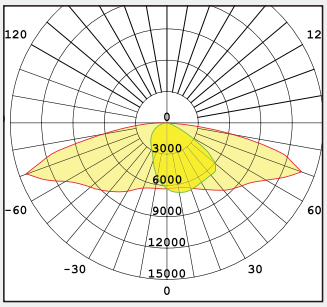
Type II-M(Vertical)



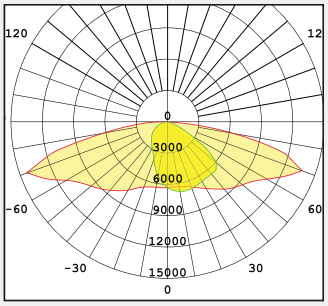
Type Ⅲ



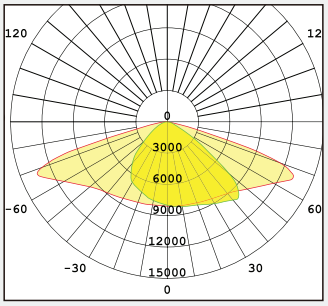
Type Ⅲ(B)



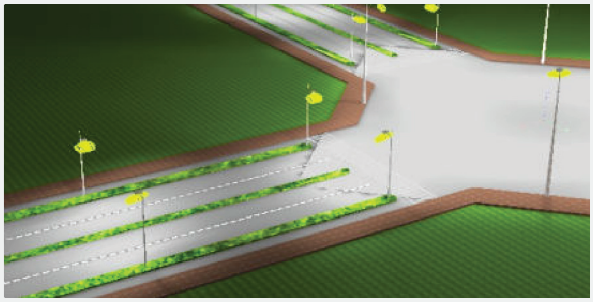
Type Ⅲ-S

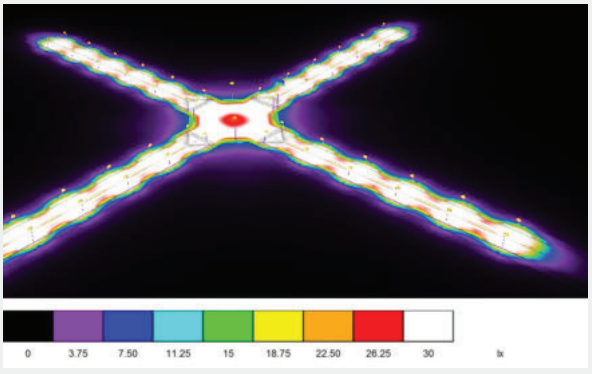


Type Ⅲ-M



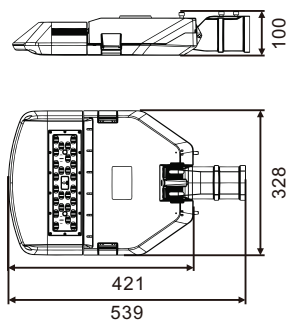
Dialux



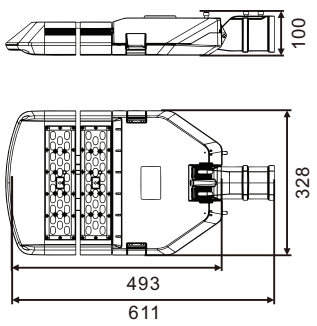


Dimension(mm)

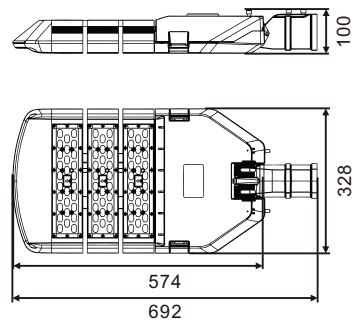
50W



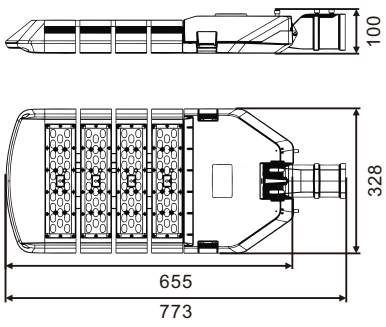
100W



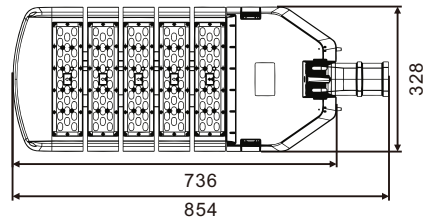
150W



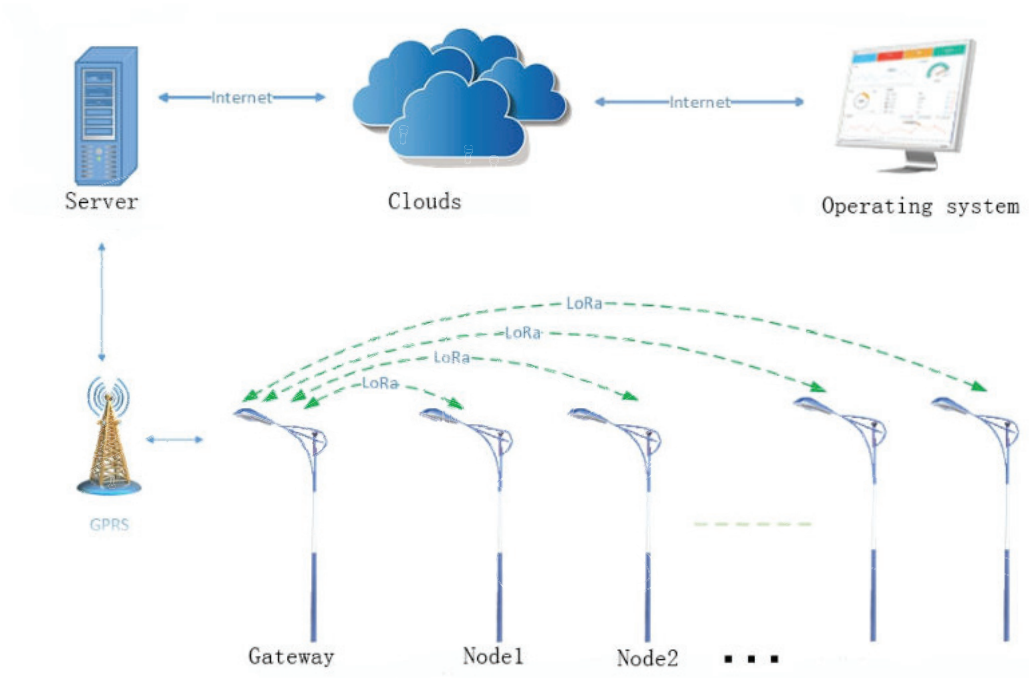
200W



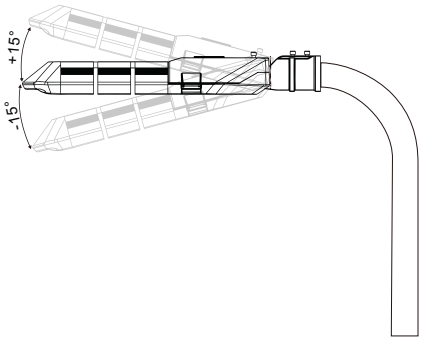
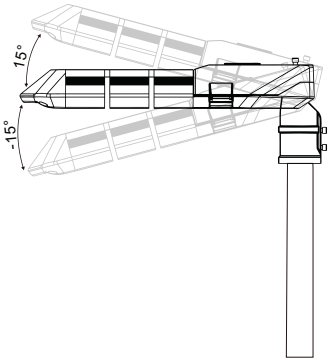
250W



Smart Lighting Controlling System



Installation

Horizontal installation	Vertical installation
	

Maintenance

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