



Poseidon series Led Street Light

Street lighting is a core piece of urban and rural infrastructure. Lighting helps to create a safe environment for both pedestrians and drivers. Many streetlights around the world are now being updated to LED lighting, which uses less energy and is more reliable than traditional sodium lamps, significantly reducing the cost of keeping streets illuminated.

Designed from the ground up as a totally optimized LED street and area lighting system, our street light delivers incredible efficiency without sacrificing application performance.





Street Light

IP66, IK08

6~20kv Surge Protection

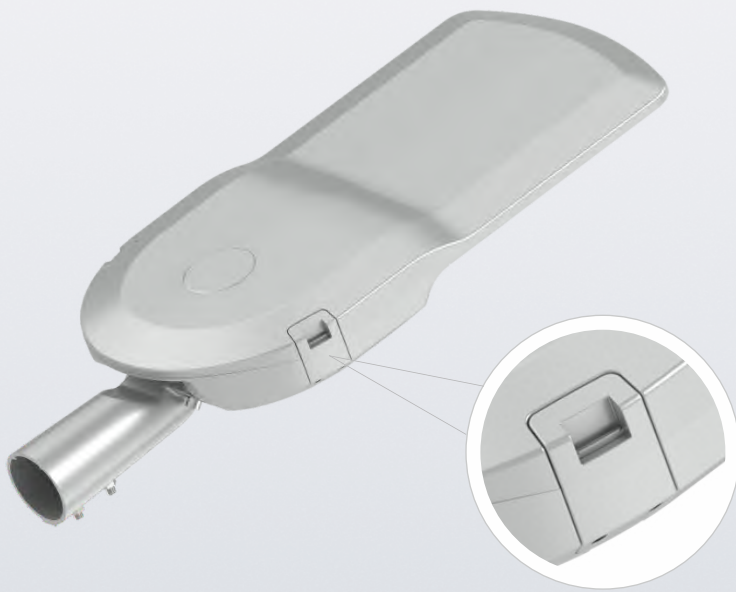
High bright 150lm/w



Tempered Glass
PMMA lens

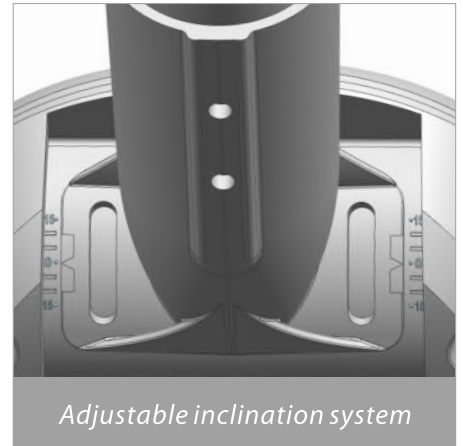
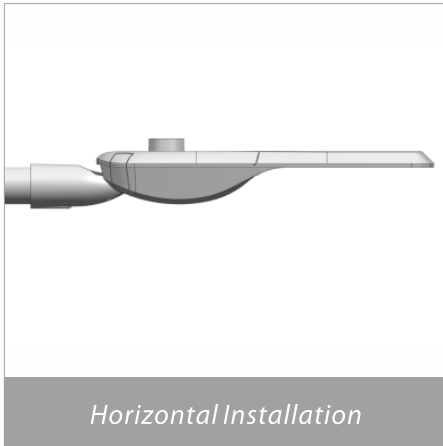


Smooth back cover design
Anti-dust and bird droppings



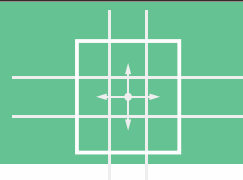
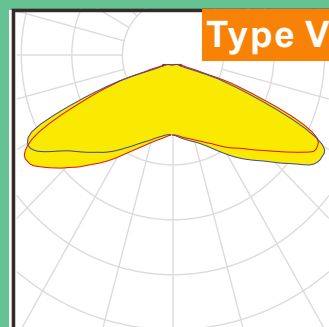
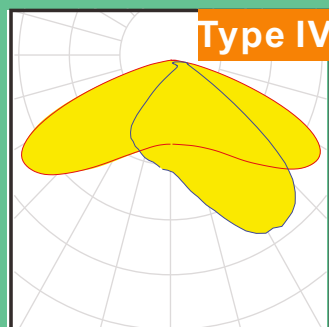
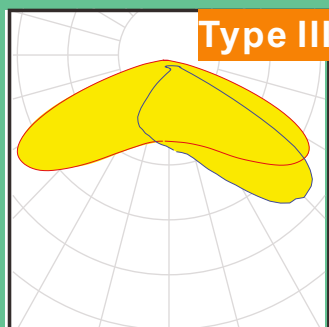
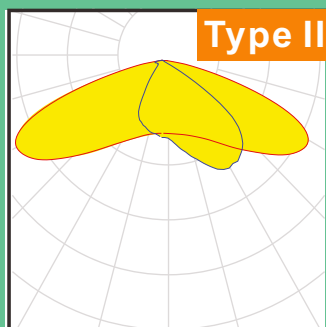
Tool-free open design
Easy to rewire and repair

Precise Angle Rotation



IP66 Waterproof
6kv/20kv Surge Protection

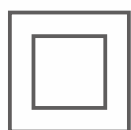
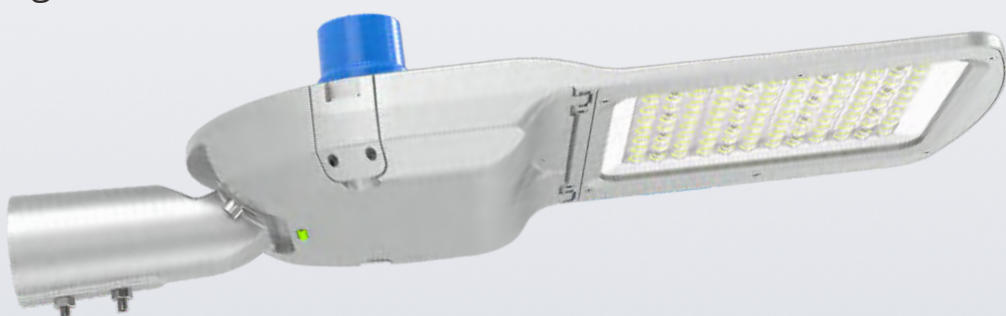
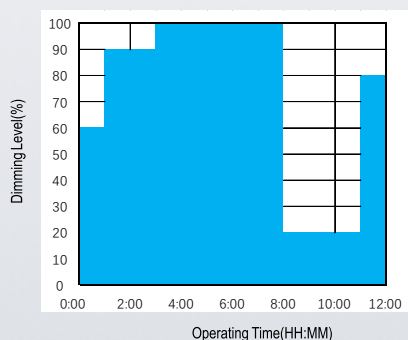




IESNA STANDARD	Roadway width / Mounting Height	
	One side mounting	Both side mounting
Type II	Up to 1 times MH	Up to 2 times MH
Type III	Up to 1.5 times MH	Up to 3 times MH
Type IV	Up to 2 times MH	Up to 4 times MH
Type V	Up to 4 times MH	

Auto dimming & Timming function

Easy to manage, more saving



Class II

Class II is sometimes known as “double insulated”. This is an IEC protection class and refers to the power supply’s internal construction and electrical insulation. The output is considered safe to contact and no major safety protection is required at the LED/luminaire level. There is no risk of fire or electric shock.



RoHS
compliant

LM 79

LM 80

TM 21

Poseidon
LED STREET LIGHT Series



Features

Housing: Die-cast Aluminum

Thermal Conductivity: 96 W/m·K

Led: CREE

CRI: Ra>70

SDCM: <6

Power Factor: >0.95

THD: <15

Driver: Meanwell XLG

Driver Efficiency: >90%

Protection: OTP, OCP, OVP, SCP

Surge Protection: 6KV

Waterproof: IP66

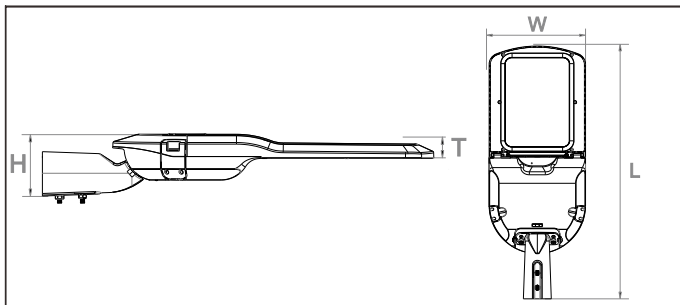
Impact Test: IK08

Electrical: 100-277V, 50/60Hz

Operating Temperature: -40~50°C

TM21: L90B10>50,000H

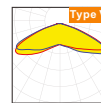
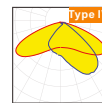
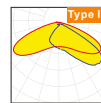
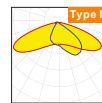
Lifetime: 50,000H



Functions

DALI • 0/1~10V • Timing • Program • Always-on Auxiliary

Optical options:



140
~150lm/w

5 YEARS
WARRANTY

Meanwell
Driver

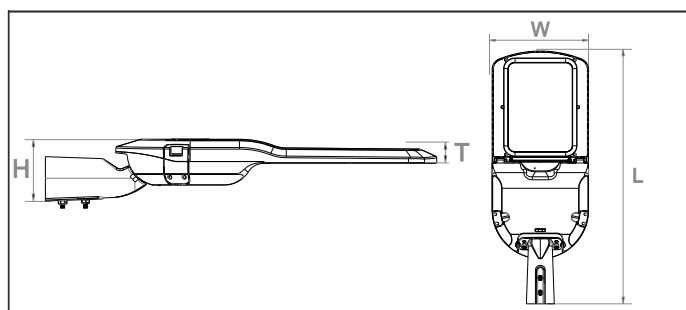
CREE
LED

Model	Watt	Voltage	Lumen	CRI	IP	Dimension
ST024PE1G-CM	24W	100~277V	3600LM	>70	IP66	L568*W200*H109mm
ST040PE1G-CM	40W	100~277V	6000LM	>70	IP66	L568*W200*H109mm
ST060PE1G-CM	60W	100~277V	8400LM	>70	IP66	L568*W200*H109mm
ST080PE1G-CM	80W	100~277V	12000LM	>70	IP66	L613*W240*H109mm
ST100PE1G-CM	100W	100~277V	14000LM	>70	IP66	L613*W240*H109mm
ST120PE1G-CM	120W	100~277V	16800LM	>70	IP66	L613*W240*H109mm
ST150PE1G-CM	150W	100~277V	21000LM	>70	IP66	L683*W260*H109mm
ST180PE1G-CM	180W	100~277V	23400LM	>70	IP66	L683*W260*H109mm
ST200PE1G-CM	200W	100~277V	28000LM	>70	IP66	L693*W300*H109mm
ST240PE1G-CM	240W	100~277V	31200LM	>70	IP66	L693*W300*H109mm



Features

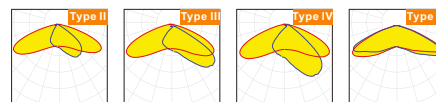
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 Thermal Conductivity: 96 W/m·K
 Led: CREE
 CRI: Ra>70
 SDCM: <6
 Power Factor: >0.95
 THD: <15
 Driver: MOSO
 Driver Efficiency: >90%
 Protection: OTP, OCP, OVP, SCP
 Surge Protection: 6KV
 Waterproof: IP66
 Impact Test: IK08
 Electrical: 100-277V, 50/60Hz
 Operating Temperature: -40~50°C
 TM21: L90B10>50,000H
 Lifetime: 50,000H



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