



LEDTEC

100W LSTA ARCHITECTURAL LIGHT

TECHNICAL DATA SHEET

Elegance meets ergonomic design with our smartly engineered architectural style street light which is designed to deliver the perfect light output to create safe and secure urban environments. It is equipped with advanced thermal management, a simple heat sink, industry leading surge protection, and a powder-coat finish to prevent corrosion, ensuring it will last well in to the future.

Areas for Application

- Parks
- Highways
- Public Spaces
- Parking Lots
- Security Lighting
- Pedestrian Pathways



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TECHNICAL SPECIFICATIONS

Product

Model	LSTA 100W
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Luminaire Information

Rated Power	100W
Operating Temperature Range	-30° ~ +45° c
Mounting Option	Pole Mount, arm mount, U bracket
Dimmable	Optional

Electrical Characteristics

Operating Voltage Range	220-240VAC / 100-240VAC
Frequency Range	50 - 60Hz
Power Factor	>0.92
Driver	Sosen
Driver Type	Constant Current (CC)
Control	0 - 10V dimming, Photo control, PIR Sensor
Surge Protection	6kV line-line, 10kV line-earth

Optical Characteristics

Correlated Colour Temperature	5000K (4000K optional)
Colour Rendering Index	70Ra Standard (80Ra optional)
LED Type	SMD
LED Expected Lifespan	70,000 hrs
Light Efficacy	150lm/w
Luminous Flux	9,000lm
Beam Angle	Type II Medium
Effective Projected Area	0.85ft ²

Material & Finish

Ingress Protection Rating	IP65
Impact Rating	IK08
Material Composition (Body)	Aluminium alloy
Material Composition (Lens)	Polycarbonate
Finish	Powder coating
Fixture Colour	Black body
Accessories	Arm mount, pole mount and U bracket accessories available

Weight & Packaging

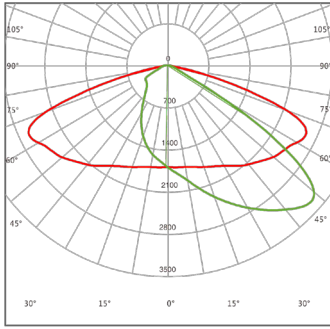
Luminaire Weight	2.93kg
Product Dimensions	314 x 210 x 82mm
Packaged Weight	3.65kg

Warranty

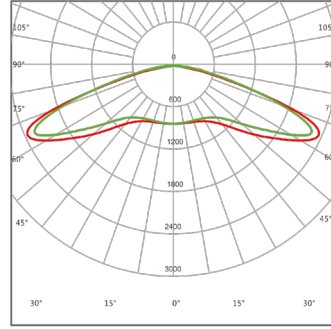
Warranty	5 years
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ILLUMINANCE AT DISTANCE

TYPE III MEDIUM

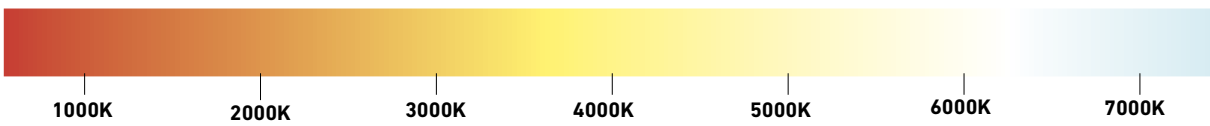


TYPE V SHORT ROUND



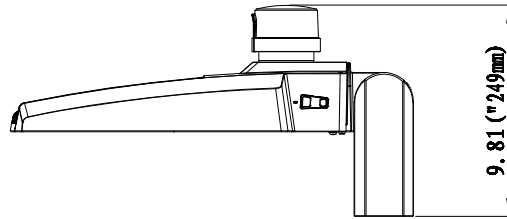
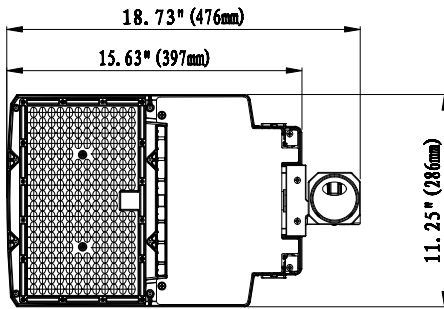
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

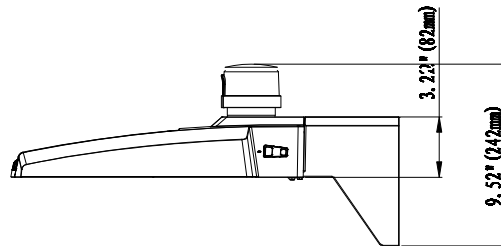
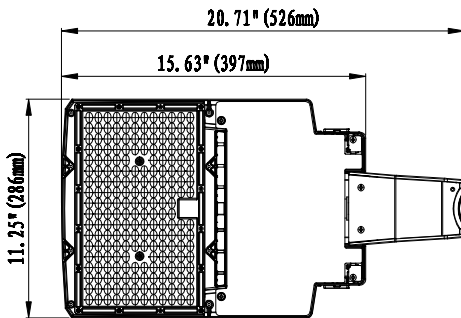


DIMENSIONS

POLE MOUNT



ARM MOUNT



POLE MOUNT

ARM MOUNT SQUARE/ROUND

U BRACKET

