





Street Light

ST 1

Alvand

Outdoor
Street Light



ST 1 150

ST 1 180

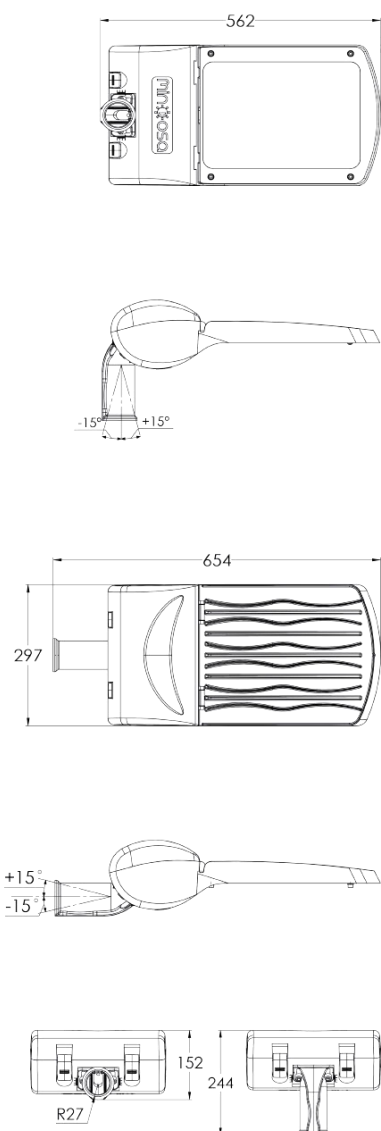
These high-quality LED streetlights are widely used in roads, streets, highways, and parking lots due to efficient illumination and uniform light distribution. In addition, they provide safe and well-lit environments for pedestrians and cyclists in paths, parks, and recreational areas. LED streetlights minimize light pollution and maximize operational efficiency through precise light distribution.

- Crafted using world-class, approved quality components
- Aerodynamic design for greater stability against strong winds
- Die-cast aluminum body with an electrostatic powder coat finish
- Compatible with post top or side entry utility 50 mm spigot
- Extended lifespan and improved performance due to optimal heat dissipation
- Clear tempered glass diffuser
- Temperature-resistant silicone gasket
- Equipped with a nickel-plated brass cable gland to enhance durability
- Exceptional light intensity while consuming minimal energy leading to high luminous efficiency
- Includes over-temperature protection and surge protection (opt.) for safe operation
- Incorporates Smart Null™ technology for safety in three-phase systems
- Cost-effective due to a long lifespan and low maintenance costs
- Eco-friendly, considering low carbon emissions and radiated heat





Dimension(mm)



Specification

Model	ST1150 (150 watt)	ST1180 (180 watt)
Material	Die-Cast Aluminum	
Finishing(standard)	Electrostatic Powder Coat	
Installation	Post top / Side entry	
Optic	Clear Tempered Glass	
IP Rating	IP66	
IK Rating	IK07	
Cable	3x1mm ² NYMHY	
Life Span (L70 B10)	75,000 hrs	
Beam Angles	60°, 90°, 150°x75°x15°	
CCT	3000K, 4000K, 5000K, 6500K	
CRI	70, 80	
SDCM	5 max	
Luminous Flux	19000 Lm	22500 Lm
LED Efficacy	Up to 200Lm/W	
Nominal LED Power	180 x 1.45W	240 x 1.45W
Practical LED Power	137W	162W
Power Consumption	150W	180W
Nominal Voltage	180 - 265 VAC	
PF(type)	0.98	
THD (type)	8%	
Insulation	CLASS I	
Control System	LoRa Driver	
Protection	Brownout Input Voltage - Thermal Shutdown Over Current - Over Voltage	
Ope. Ambient Temp.	- 20 °C to + 45 °C	
Size (L x W x H)	654x297x152 mm	
Weight	7.7 Kg	