

TRIDENT

LED AREA LIGHT



Recreational Park, Malaysia



TRIDENT-35W

TRIDENT-60W

PRODUCT FEATURES

- Easy installation & maintenance
- High performance with uniform light distribution
- High system efficacy with low power consumption
- Dynamic thermal protection under extreme temperature

80 %
Energy
Saving

IP66

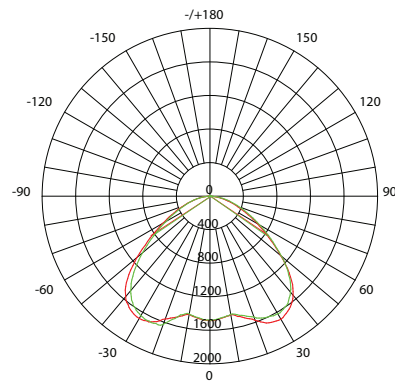
IK09

50,000
Hours at
40°C

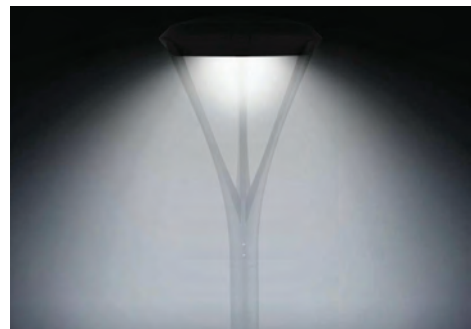
CE

RoHS
Compliance

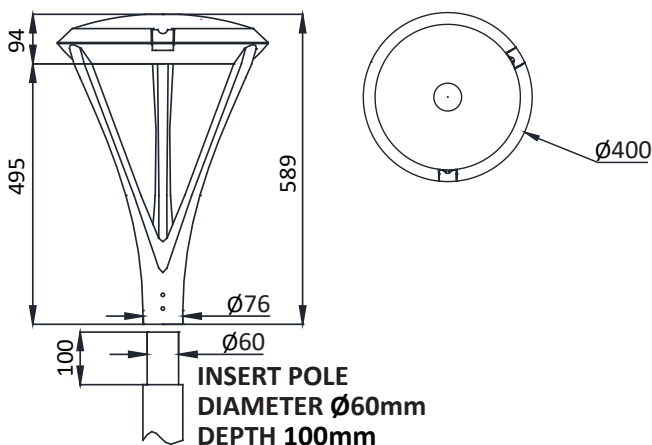
PHOTOMETRY/BEAM ANGLE



110°



PRODUCT DIMENSION



MODEL NO.	TRIDENT-35W	TRIDENT-60W
Power Consumption ±5% (W)	35W	60W
Initial Lumens ±5% (lm)	3,500 lm	5,400 lm
System Efficacy ±5% (lm/W)	100 lm/W	90 lm/W
Power Factor (PF)	> 0.92	> 0.92
Internal Built-In Surge	6kV	6kV
Additional Surge Protective	50kV (25kA)	50kV (25kA)
Colour Temperature (CCT)	3000K / 5000K	3000K / 5000K
Spigot Mounting Hole (mm)	60mm	60mm
Product Dimension, Size L x W x H (mm)	400 x 400 x 590	400 x 400 x 590
Carton Dimension, Size L x W x H (mm)	450 x 450 x 655	450 x 450 x 655
Net Weight (kg)	8.20	8.20
Gross Weight (kg)	10.80	10.80
CBM (m³)	0.13	0.13

Note: The above specified lumen and system efficiency based on standard CCT: 5000K.

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- Input Voltage : 100 - 277Vac, 50/60Hz
- Insulation Class : Class I
- LED Driver : Inventronics (Dimming Optional)

LIGHT SOURCE / OPTIC

- LED Type : SMD 2835 with TM21 and LM80
- Color Temperature : 3000K, 5000K (Upon request) (CCT)
- Color Rendering Index : Ra > 70 (CRI) (Ra > 80 upon request)
- Life Time Residual : (L80), >50,000 hours @ Ta: 40°C Flux
- Optical System : PMMA LGP
- Working Temperature : Ta : -20°C to +40°C

APPLICATION

- City Center • Residential Park • Plazas
- Parking Area • Pathway • Garden

COMPLIANCE

- Type Test Certified (Luminaire) : EN 60598-1 : EN 60598-2-3 : EN 62321
- EMC Certified : EN 61000-3-2, EN61000-3-3 : EN 55015, EN 61547
- LED Compliances Test : IESNA LM-80 : TM-21

FIXTURE/HOUSING

- Ingress Protection (IP) : IP66
- Impact Protection (IK) : IK09
- Housing Material : Die-Cast Aluminium
- Heatsink Material : Die-Cast Aluminium
- Lamp Cover Material : UV Stabilized Polycarbonate
- Housing Finish : Black Powder Coating