

TRIDENT LED AREA LIGHT CE



TRIDENT : 35W • 60W

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

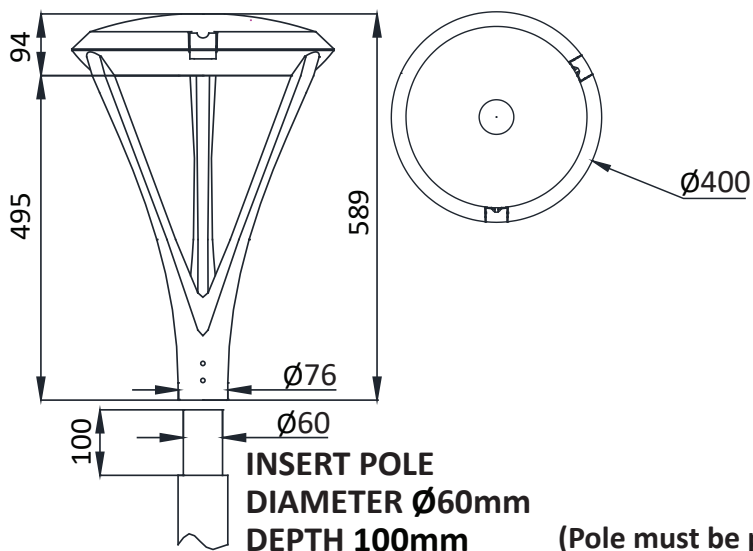
CE

RoHS
Compliance

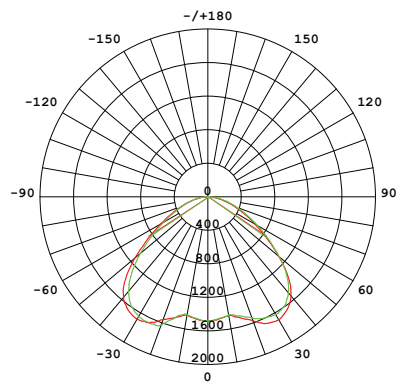


Sungai Melaka, Melaka

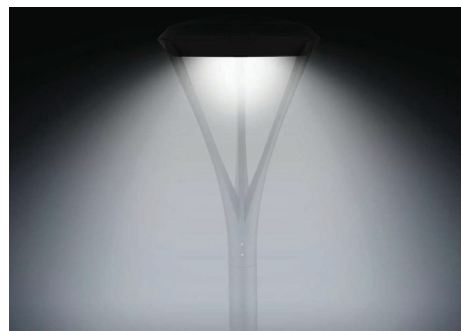
DIMENSION



PHOTOMETRIC/BEAM ANGLE



110°



CUT OFF (DARK SKY)

MODEL NO.	TRIDENT-35W	TRIDENT-60W
Power Consumption $\pm 5\%$ (W)	35W	60W
Initial Lumens $\pm 5\%$ (lm)	3,500 lm	5,400 lm
System Efficacy $\pm 5\%$ (lm/W)	100 lm/W	90 lm/W
Power Factor (PF)	> 0.92	> 0.92
Internal Built-In Surge	6kV	6kV
Additional Protection Device	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 (m ³)	0.13	0.13

Note: The above specified lumen and system efficiency based on standard CCT: 5000K, RA>70.

 TECHNICAL SPECIFICATION
 ELECTRICAL SYSTEM

- Input Voltage : 100 - 240Vac, 50/60Hz
- Insulation Class : Class I
- LED Driver : Inventronics (Dimming Optional)

 LIGHT SOURCE / OPTIC

- LED Type : SMD 2835 with TM21 and LM80
- Color Temperature : Standard 3000K
(CCT) : 5000K (Upon request)
- 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 (UV resistant)
- Working Temperature : Ta : -20°C to +40°C

 APPLICATION

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

 COMPLIANCE

- Type Test Certified : EN 60598-1
(Luminaire) : 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