

OUTDOOR LED LIGHTING

SURIA/SL

EY626

LED STREET LIGHT

EYELITE

CBCE

Shopping Centre Carpark, Malaysia

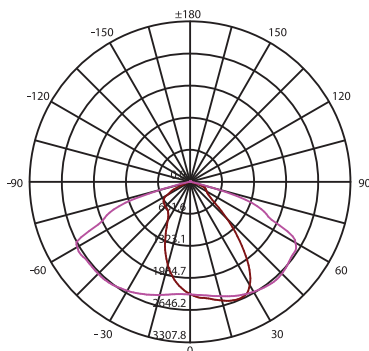
EY626-10W • 20W

EY626-30W • 45W • 60W • 90W • 120W • 150W

PRODUCT FEATURES

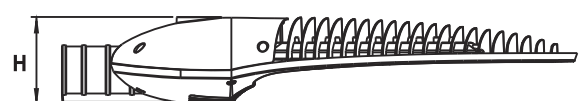
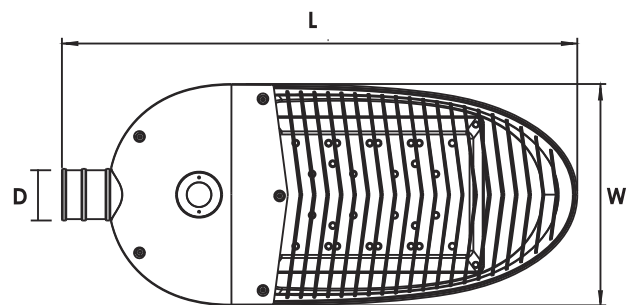
- The high lumen output LED array, provides even lighting from high mounting height
- ADC 12 high-pressure die cast aluminum body construction for strength and durability
- The IP66 rated sealed fixtures protect it from ingress of water and dust in harsh outdoor environment
- Impressive heat dissipation design
- High efficiency with trusted and reliable **High Power-3535** LED

PHOTOMETRY/BEAM ANGLE



PRODUCT DIMENSION

*Typical dimension in mm



MODEL NO.	EY626-10W	EY626-20W	EY626-30W	EY626-45W	EY626-60W	EY626-90W	EY626-120W	EY626-150W
Power Consumption $\pm 5\%$ (W)	10W	20W	30W	45W	60W	90W	120W	150W
Luminaire Flux $\pm 5\%$ (lm)	1050 lm	2000 lm	3450 lm	5175 lm	6900 lm	10350 lm	13800 lm	18000 lm
System Efficiency $\pm 5\%$ (lm/W)	105 lm/W	100 lm/W	115 lm/W	115 lm/W	115 lm/W	115 lm/W	115 lm/W	120 lm/W
Power Factor (PF)	0.84	0.92	0.95	0.95	0.96	0.96	0.96	0.96
LED Driver Model	Sosen	Sosen	Inventronics	Inventronics	Inventronics	Inventronics	Inventronics	Inventronics
HID Equivalent	CFL 24W	HPS 50W, MV 80W	70W	70W	150W	200W	250W	400W
Net Weight (kg)	1.02	1.09	2.65	2.70	2.83	6.37	6.22	9.42
Gross Weight (kg)	1.23	1.30	3.15	3.20	3.30	7.35	7.28	10.82
Spigot Mounting Hole, D (mm)	30	30	54	54	54	66	66	73
Quantity/Carlton (pcs)	2	2	1	1	1	1	1	1
Product Dimension, L x W x H (mm)	435 x 135 x 172	435 x 153 x 72	518 x 228 x 114	518 x 228 x 114	518 x 228 x 114	750 x 322 x 145	750 x 322 x 145	900 x 386 x 167
Carlton Dimension, L x W x H (mm)	460 x 180 x 190	460 x 180 x 190	555 x 245 x 150	555 x 245 x 150	555 x 245 x 150	790 x 350 x 200	790 x 350 x 200	935 x 410 x 215
CBM (m ³)	0.016	0.016	0.020	0.020	0.020	0.055	0.055	0.082

Note: The above specified lumen and system efficiency based on standard CCT: 5700K (10W/20W), CCT: 5500K (30W~150W) .

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- **Input Voltage** : 100 - 240Vac, 50/60Hz
- **Insulation Class** : Class I
- **LED Driver** : SOSEN IP67 (10W and 20W)
: Inventronics IP67 (Built-in 10kV SPD)
- **Additional Surge Protection Devices** : SS SPD, 10W - 20W
SP01 (10kA), 30W - 150W

LIGHT SOURCE / OPTIC

- **LED Type** : SMD 3535 with TM21 and LM80
- **Color Temperature (CCT)** : Standard 3000K, 5500K
(4000K & others upon request)
- **Color Rendering Index (CRI)** : Ra > 70
(Ra > 80, 90 upon request)
- **Life Time Residual Flux** : (L80), >50,000 hours @ Ta: 50 °
- **Optical System** : PC Lens with Tempered Glass Cover
- **Working Temperature** : Ta : -30°C to +50°C

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP66
- **Impact Resistance (IK)** : IK08
- **Housing Material** : ADC 12 Die Cast Aluminium
- **Housing Finish** : Akzo Nobel Epoxy Powder Coating
Tarpaulin Grey

CERTIFICATION AND COMPLIANCE TEST

- **Type Test Certified (Luminaire)** : IEC 60598-1, IEC 60598-2-3
: EN 60598-1, EN 60598-2-3
: EN 62493
: IEC/TR 62778
- **EMC Certified** : IEC/EN 61000-3-2, IEC/EN61000-3-3
: IEC/EN 55015, IEC/EN 61547
- **LED Compliances Test** : IESNA LM-80, LM79
: TM-21
- **Ingress Protection Test** : IEC 60529 (IP66)
- **Impact Resistance Test** : IEC 62262 (IK08)
- **RoHS** : IEC 62321

APPLICATION

- Road & Highway • Urban Road & Streets • Residential Streets
- Car Parks • Parks • Riverside • Jogging Track

OPTIONAL FEATURES/ACCESSORIES

- NEMA Photocell / Shorting Cap
- IoT Smart System (NEMA / Zhaga)