

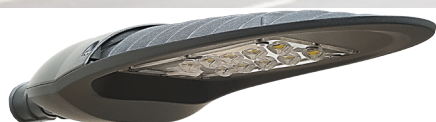
SURIA/SL

EY626

LED STREET LIGHT

CBCE

Malang Expressway, Indonesia



EY626 • 10W • 20W

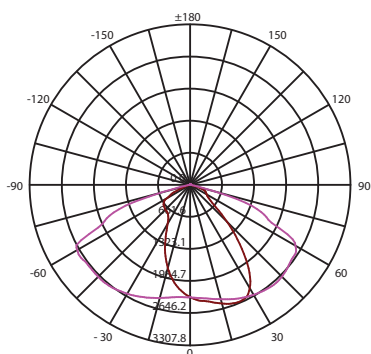


EY626 • 30W • 60W • 90W • 120W • 150W

PRODUCT FEATURES

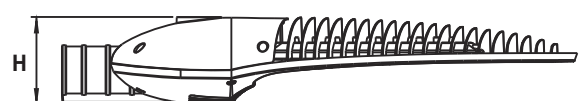
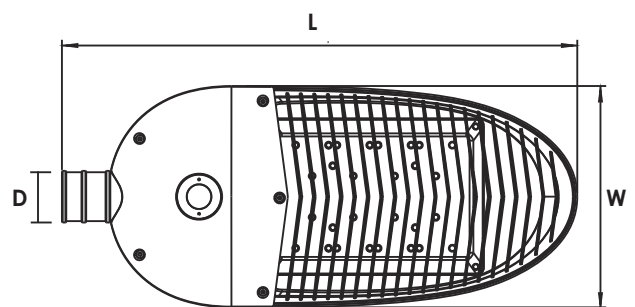
- The high lumen output LED array, provides even lighting from high mounting height
- ADC 12 high pressure die-cast aluminium body construction for strength and durability
- The IP66 rated sealed fixtures protect it from ingress of water and dust in harsh outdoor environment
- Impressive heat dissipation 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	EY626-60W	EY626-90W	EY626-120W	EY626-150W
Power Consumption ±5% (W)	10W	20W	30W	60W	90W	120W	150W
Luminaire Flux ±5% (lm)	1,050 lm	2,000 lm	3,450 lm	6,900 lm	10,350 lm	13,800 lm	18,000 lm
LED Driver	Sosen	Sosen	Inventronics	Inventronics	Inventronics	Inventronics	Inventronics
System Efficiency ±5% (lm/W)	105 lm/W	100 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	0.96	0.96	0.96	0.96
Efficiency (%)	≥85%	≥85%	87%	88%	92%	92%	92%
LED Chips Quantity (Pcs)	6	10	14	28	42	56	70
HID Equivalent	CFL 24W	HPS 50W/ MV 80W	70W	150W	200W	250W	400W
Spigot Mounting Hole, D (mm)	30	30	54	54	66	66	73
Quantity/Carion (pcs)	2	2	1	1	1	1	1
Product Dimension (mm) L x W x H	435 x 153 x 72	435 x 153 x 72	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
Net Weight/Luminaire (kg)	1.02	1.09	2.65	2.83	6.37	6.22	9.42
Total Gross Weight (kg)	2.46	2.61	3.15	3.30	7.35	7.28	10.82
Carion Dimension (mm) L x W x H	460 x 180 x 190	460 x 180 x 190	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	0.055	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, for 10W - 20W
SP01 (10kA), for 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

APPLICATION

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

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
: TM-21
- **Ingress Protection Test** : IEC 60529 (IP66)
- **Impact Resistance Test** : IEC 62262 (IK08)

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

OPTIONAL FEATURES/ACCESSORIES

- Motion Sensor, NEMA Photocell
- NEMA IoT Smart System
- Backlight Control

