

ENDURE

STREET LIGHT



Description

The Endure Street Light is a high end, reliable, and cutting-edge LED road lighting solution, delivering substantial energy savings compared to conventional systems. With a high-lumen package of 140 lm/W, it optimizes pole spacing and enhances light uniformity, ensuring effective road illumination. The use of a IESNA Type II lens ensures driver safety by minimizing glare, reducing eye strain, and improving road visibility and safety. Options for Photocell and Microwave sensors offer enhanced control and efficiency. With a robust design and a lifespan of up to 100,000 hours @ L70, it ensures durability and longevity, resulting in cost savings and environmental sustainability.

Product Benefits

- Up to 80% Savings in Energy Cost
- Visual Consistency for Users
- Suitable for Dusty & Humid Environment

Application Areas

- Highways
- Underpass
- Urban Areas
- Housing Societies

Product Data

General Information

Driver Included:	Yes
Lifespan:	100,000 hours @ L70
Warranty:	Up to 5 Year

Luminaire Performance

Power Consumption:	50W, 60W, 90W, 100W, 120W, 140W, 150W, 180W, 200W, 220W, 240W, 250W, 280W, 300W
Luminous Flux:	7,000 lm, 8,400 lm, 12,600 lm, 14,000 lm, 16,800 lm, 19,600 lm, 21,000 lm, 25,200 lm, 28,000 lm, 30,800 lm, 33,600 lm, 35,000 lm, 39,200 lm, 42,000 lm
Luminous Efficacy (rated):	140 lm/W
Correlated Color Temperature:	2200K, 2700K, 3000K, 4000K, 5700K, 6500K
Color Rendering Index (CRI):	>70
Beam Angle:	Type II, Type III

Operating and Electrical

Input Voltage:	AC100-240V
Line Frequency:	50 or 60 Hz
Power Factor (Fraction):	>0.95
SPD:	10kV

Temperature

Operating Temperature:	-40°C – 55°C
------------------------	--------------

Controls and Dimming

Controls:	On/Off, PIR Sensor, NEMA with Photocell
Dimming:	DALI, 0-10V

Mechanical and Housing

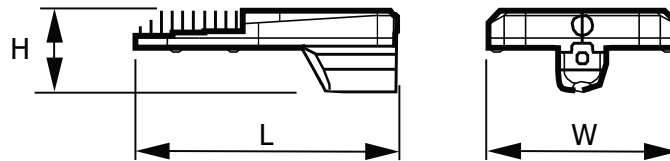
Housing Material:	High-pressure Die-cast Aluminium ADC12
Optical Cover Material:	Heat Resistant Silicone Rubber Gas Ket, PMMA Lens, Tempered Glass
Finishing:	Corrosion Resistant, Powder Coating
Installation:	48 - 60 mm Pole, Side Entry

Compliance and Certifications

Ingress Protection Code:	IP66
Impact Protection Code:	IK08
Protection Class IEC:	Safety Class I
Compliance:	LM-80, LM-82-12, TM-21, LM-79, IP (IEC 60529), IK (IEC 62262), IEC 60598-1, IEC 60598-2-3, EN 55015: 2006 & 2007, EN 61547: 1995/ +A1: 2000, EN 61000-3-2: 2006, EN 61000-3-3: 2008, IEC 62471, EN 62493, UL 1598, EN 61347-1, EN 61347-2-13, EN 62384, Vibration Test (IEC 60068-2-6), EMC Test, Salt Spray Test (ISO 9227) 500hr
Certifications:	CB, EMC, LVD

Dimensions

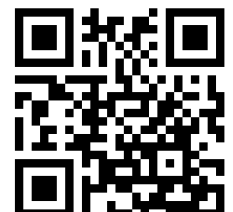
Power Consumption:	50W / 60W / 90W / 100W	120W / 140W / 150W	180W / 200W	220W / 240W / 250W / 280W / 300W
LxWxH (mm):	422x318x132	522x318x132	650x318x132	855x318x132
Net Weight (kg):	6.5	8.5	11.0	14.0


Head Office:

192-Y Block, Commercial Area, Phase III, DHA Lahore, Pakistan.

Sales Office:

120-Y Block, Commercial Area, Phase III, DHA Lahore, Pakistan.



MRK/PM/PS/ESL/24/01