



### FEATURES

- High efficacy of up to 150 lm/W
- Wide wattage of up to 280W
- Variety of beam spread; type 1, type 2 & type 3
- Universal mounting: Side or Top
- IP66
- IK08
- Surge protection 50KV 25kA

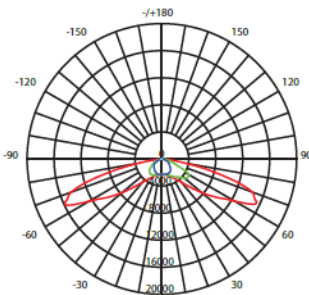
### APPLICATION

Roadway & Security Lighting.



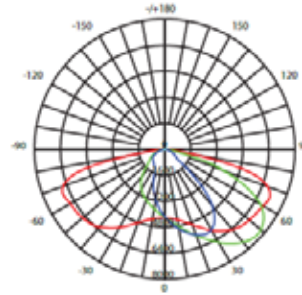
### PHOTOMETRIC DATA

TYPE I :



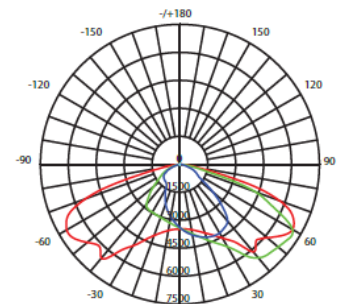
Type 1- Pedestrian Road

TYPE II :

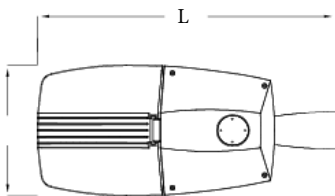


Type 2- Urban Road, Motorway.

TYPE III :



Type 3- Expressway



Model	L (mm)	W (mm)	H (mm)	H1 (mm)	Spigot Dia (mm)
EY686-1	466	246	114	209	50
EY686-2	547	288	127	232	50
EY686-3	660	330	127	232	60
EY686-4	825	450	155	266	60





Model No.	EY686-1			EY686-2			EY686-3		EY686-4	
Power Consumption (W)	35	60	70	80	100	120	150	200	240	280
Luminaire Flux ± 5%(lm)	5,250	9,000	10,500	12,000	15,000	18,000	22,500	30,000	36,000	42,000
System Efficiency ± 5% (lm/W)	150									
Power Factor (PF)	≥ 0.98									
Input Current (A)	0.16	0.28	0.32	0.36	0.45	0.54	0.66	0.93	1.1	1.28
Net Weight (kg)	3.9	4.1	4.4	5.65	5.65	5.72	7.60	12.9	12.9	13.5
Gross Weight (kg)	4.9	5.1	5.2	6.85	6.85	6.92	9.00	14.7	14.7	15.3
Carton Dimension L x W x H (mm)	625x310x205			700x340x200			790x350x200		1020x540x225	

Note: The above specified lumen and system efficiency based on standard CCT 5000K:  
 Also available colour temperature upon request: 3000K,4000K & 5000K  
 System efficiency shown above are for \*T2XR lens only

**TECHNICAL SPECIFICATION**

**ELECTRICAL SYSTEM**

Input Voltage	Frequency	Insulation Class	LED Driver
100 - 240Vac	50/60Hz	Class I	Constant current Optional 1-10V/PWM/DALI Dimming

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	5050	≥70 (≥80 avail. upon request.)	(L70), >50,000 hours @ Ta: 85°C	T1 Lens T2 Lens T3 Lens Type 2XR others upon request

**CERTIFICATION & COMPLIANCE TEST**

- : IEC 60598-2-3
- : IEC 60598-1
- : EN 55015
- : EN 61547
- : EN 61000-3-2
- : EN 61000-3-3
- : EN 61347-1
- : EN 61347-2-13
- : IEC 60529
- : IEC 62262
- : IEC 62722

**FIXTURE/HOUSING**

- Housing Material: ADC 12 Die Cast Aluminium
- Housing Finish: Akzo Nobel RAL9006 Grey
- Heat Tempered Glass
- Silicon Gasket

**OPTIONAL ACCESSORIES**

- Motion Sensor, NEMA Photocell/ Shorting Cap
- IoT Smart Control
- Backlight Control