

EY 632

SOLAR STREETLIGHT



FEATURES

- 100% Solar-powered,solar panels with high-efficiency monocrystalline solar cells.
- Durable body construction with robust and durable fixture build for perfection.
- High LED efficiency,trusted and high LED lumen output
- Long lasting,maintenance-free,high capacity batteries using Lithium-ion battery.
- No PIR sensor-sufficient light output to avoid distrupction by moving objects.
- Smart Solar is optional - attach communication hardware to build the smart city.

APPLICATION

Rural & remote area,coastal area & jetties,security & area lighting,residential & industrial area, main road & small road

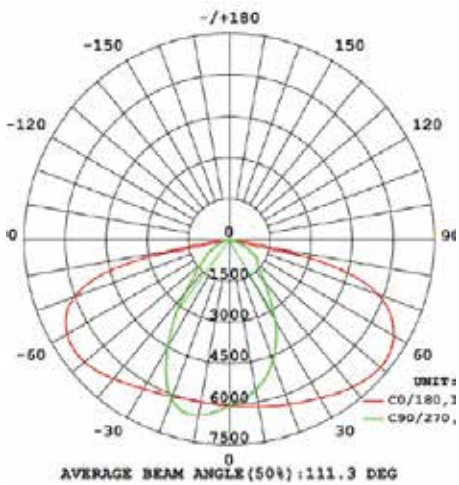


POST TOP MOUNTING DIAMETER & POLE HEIGHT

Model	EY632-30W-TIO	EY632-60W-TIO	EY632-90W-TIO	EY632-120W-TIO	EY632-150W-TIO
Post Top pole Diameter(Ømm)	<78	<78	<102	<102	<102
Recommended Pole Height(m)	5 to 6	7 to 8	9 to 10	10 to 12	12



PHOTOMETRIC DATA



Model	EY632-30W-TIO	EY632-60W-TIO	EY632-90W-TIO	EY632-120W-TIO	EY632-120WL-TIO	EY632-150W-TIO
Power Consumption(W)	30	60	90	120	120	150
Luminaire Flux ± 5% (lm)	5400	10800	16200	21600	21600	27000
Sytem Efficiency ± 5% (lm/W)@3500K	180					
Solar panel (Wp)	80Wp	135 Wp	180Wp	210Wp	240Wp	300Wp
Solar Changing Time(hrs)	4					
Battery capacity(Wh)	537.6	921.6	1792	2304	2457	2918
Daily Consumption(Wh)	228	456	684	912	912	1140
Solar System Voltage (V)	12		24			
Days of Autonomy (Min Days)	>min 2 days					
Fixture Dimension (mm) (L)x(W)x(H)	1310 x 340 x60	1460 x 510 x 60	1500 x 650 x 60	1590 x 650 x 60	1830 x 650 x 60	1840 x 82 x 60
Panel Size (mm) (L)x(W)	1310 x 340	1460 x 510	1500 x 650	1590 x 650	1830 x 650	1840 x 820
Fixture Carton Size (L)x(W)x(H)	1375 x 415 x 120	1515 x 585 x120	1555 x 735 x 155	1660 x 740 x 160	1900 x 740 x 160	1900 x 910 x 195
Adapter caton Size (L)x(W)x(H)	475 x 195 x 260		375 x 265 x 288			
Net Weight (kg) (Fixture + Adaptor)	17.15 13.75kg (Fixture) 3.40kg (Bracket)	26.65 23.25kg (Fixture) 3.40kg (Bracket)	39.58 35.61kg (Fixture) 3.97kg (Bracket)	42.00 38.03kg (Fixture) 3.97kg (Bracket)	46.70 42.73kg (Fixture) 3.97kg (Bracket)	58.90 54.93kg (Fixture) 3.97kg (Bracket)
Gross Weight (kg) (Fixture + Adaptor)	18.87 14.92kg (Fixture) 3.95kg (Bracket)	29.93 25.17kg (Fixture) 4.76kg (Bracket)	43.74 38.33kg (Fixture) 5.41kg (Bracket)	51.93 46.52kg (Fixture) 5.41kg (Bracket)		65.30 59.89kg (Fixture) 5.41kg (Bracket)
CMB(m²)	0.068	0.106	0.177	0.197	0.225	0.337

Note: The above specified lumen and system efficacy based on standard CCT 3000-3500K,Ra>70

FIXTURE/HOUSING

- Housing: ADC 12 Aluminum, Stainless Steel

CERTIFICATION & COMPLIANCE TEST

: IEC 61347-1
: IEC 62109
: IEC 61215
: IEC 62619
: IEC 62133

OPTIONAL ACCESSORIES

- CCTV
- AC input power supply
- SMART control