NIKKON®

ECO MINI INTEGRATED SOLAR LED STREET LIGHT



LUMINAIRE SPECIFICATIONS

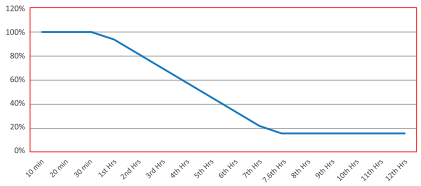
• **Power**	6W (100W) 12W (200W) 18W (300W)
• **Lumen**	1000lm 2000lm 3000lm
• **Fitting Material**	Die Cast Aluminium
• **Fitting Color**	RAL9006
• **Ingress Protection**	IP66
• **Impact Protection**	IK08
• **Voltage**	3.2V
• **Operating Temperature**	-10 ~ +50ºC
• **Beam Angle**	Type II
• **Sensor**	PIR Motion Detection Up to 4m - 6m Detection Range
• **Installation**	6W (100W) Ø32 - 40 mm Side Entry Pole 12W (200W) Ø38 - 50 mm Side Entry Pole 18W (300W) Ø38 - 60 mm Side Entry Pole

LED MODULE SPECIFICATIONS

• **LED Chips**	3030
• **Color Temperature**	5700K
• **Color Rendering Index**	RA >70
• **L70**	50,000 Hrs @ 25ºC

SYSTEM SPECIFICATIONS

• **Solar Panel Type**	Mono Crystalline
• **Solar Panel Capacity**	6V 10W (6W) 6V 15W (12W) 6V 20W (18W)
• **Backup Time**	6W (100W) - 2 Days 12W (200W) & 18W (300W) - 1 Day
• **Battery**	Lithium-Iron Phosphate 3.2V 9.6Ah (6W) Lithium-Iron Phosphate 3.2V 17Ah (12W) Lithium-Iron Phosphate 3.2V 20Ah (18W)
• **Dimming Profile with Motion Detection**	Self Adaptive Diming Mode (Battery Voltage > 3.3V)



FEATURES

- Stable Photo-electric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles (Battery)
- Micro Current Charging Function
- Convenient Maintenance
- Operate By On / Off Switch & Charge / Discharge LED Indicator



APPLICATION

- Residential Areas, Parking Lots, Garden, Walkaways

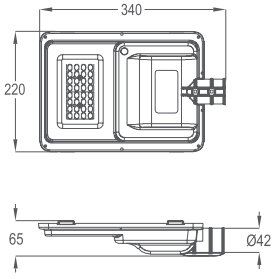
MEASUREMENT & ORDER CODE

LUMEN	ORDER CODE	WATTAGE	SOLAR PANEL CAPACITY	LITHIUM-ION	NETT WEIGHT	INNER CARTON DIMENSION (L x W x H) mm	OUTER CARTON DIMENSION (L x W x H) mm	QUANTITY / OUTER CARTON
1000lm	MINI06	6W (100W)	6V 10W	3.2V 9.6Ah	1.5 kg	345 x 225 x 75	400 x 365 x 250	5
2000lm	MINI12	12W (200W)	6V 15W	3.2V 17Ah	2.4 kg	445 x 260 x 85	465 x 285 x 285	3
3000lm	MINI18	18W (300W)	6V 20W	3.2V 20Ah	3.0 kg	555 x 260 x 96	575 x 220 x 285	2

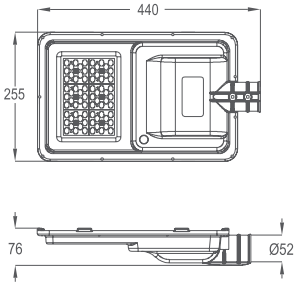


DIMENSION

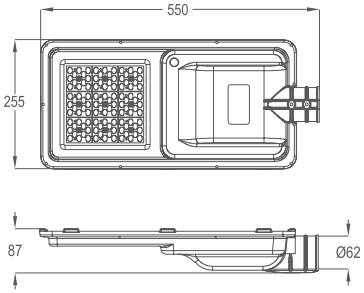
ECO MINI 6W (100W)



ECO MINI 12W (200W)

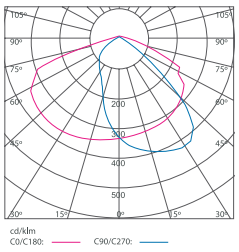


ECO MINI 18W (300W)

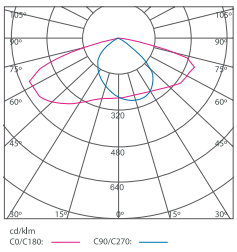


PHOTOMETRIC

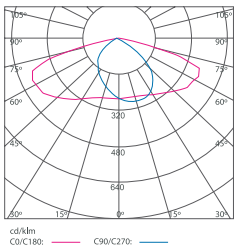
ECO MINI 6W (100W)



ECO MINI 12W (200W)



ECO MINI 18W (300W)



Note: All specifications are subject to change without prior notice for product improvement. Images are for illustrative purposes only.