

SFR850 SOLAR POWERED STREETLIGHT LUMINAIRE

SFR800 is a new generation solar powered luminaire with very high lumen performance, ultra-efficient design and a range of high performance features and optional accessories. Dual solar panel configuration increases charge efficiency by up to 30%. All in one design with low profile, ideal for full off-grid locations.

ELECTRICAL PARAMETERS

Input Voltage:	Stand Alone / Solar Generated
LED Power:	50W 9600lm
Battery Classification	LiFePO4 battery 106Ah
Light Source Classification:	SEOUL SSC 5050 LED

MECHANICAL SPECIFICATIONS

Minimum IK Rating:	IK10	 DIMMING OPTIONAL
IP Protection Rating:	IP65	
Nominal Dimensions:	1500x220x450mm	
Construction Material:	Die-Cast Aluminum	
Mounting Options:	Pole Mounted / Wall Mounted	
Rec. Working Temperature	-10°C to 60°C	
Rec. Charging Temperature	0°C to 45°C	

CONFIGURATION OPTIONS

- Can be supplied with smart motion sensor
- PE Cell for dusk/dawn automation is optional
- Ancillary Equipment can be fitted inc security cameras, USB
- Several automation sensor options for total automation

SOLAR AND OPTICAL CHARACTERISTICS

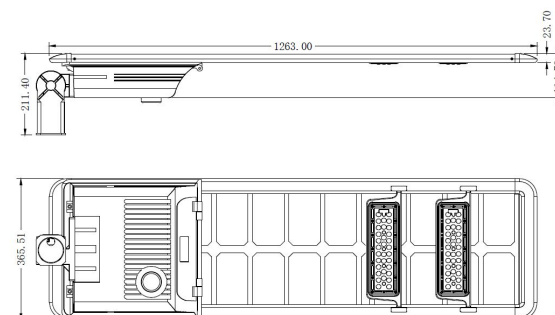
Solar Panel:	18V/70W (Double Crystal PV)
CCT Colour Temperature:	3000K / 4000K / 5700K / 6500K
Battery Configuration:	LiFePO4 Battery / 12.8V 36AH
Battery Lifespan (Cycles)	>2000 Charge Cycle
Typical Recharge Time Cycle	6.58 hours (sunlight dependant)
Operating Time:	9hrs @ Full Capacity
Typical LED Lumen Efficacy:	192lm/W
Charging Device:	On Board MPPT Intelli-Control
Light Distribution Optics:	60°x156° / 75°x160° / 78°x153°
ULOR:	= 0%, Luminaire Orientation 0°

COMPLIANCE & CERTIFICATION

- IESNA2002
- EN60529, LM79, LM80
- Lifespan: L90B10 - 52 000 h, @Tq 25°C

**CASAMBI****ORDERING INFORMATION**

Model Number:	SFR850
Mounting Configuration:	Pole Mounted / Wall Mounted
LED Power:	15W / 25W / 35W / 50W / 60W
Specify Finish/Colour:	Black / Silver / White
Control Options:	PIR Sensor / PE Automation
Beam Angle (Optics)	60°x156° / 75°x160° / 78°x153°



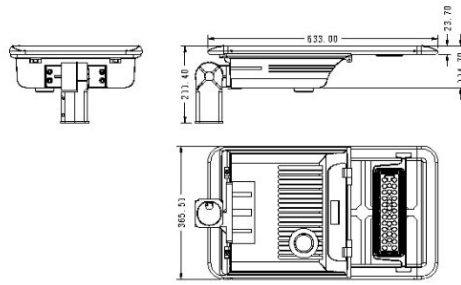
All product details are subject to change without notice. Final specifications may vary.

toll-free: **1300 295 367**email: **mail@industrialight.com.au**

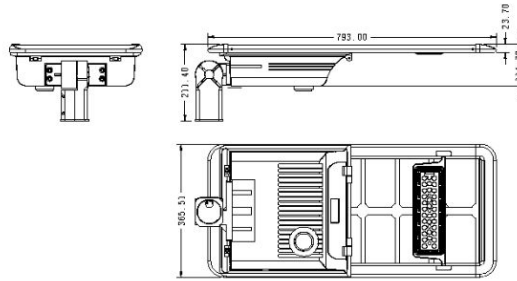
sales reps:

mobile: **0488 839 917**mobile: **0488 844 503**

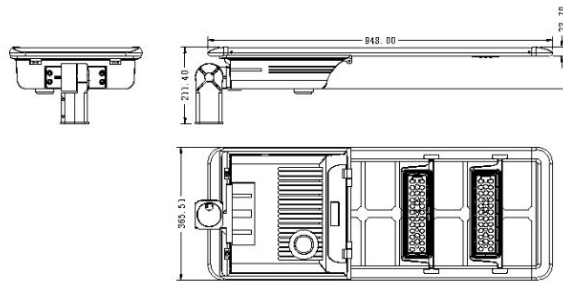
10W



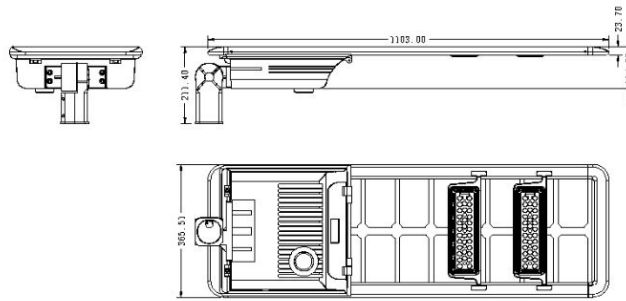
20W



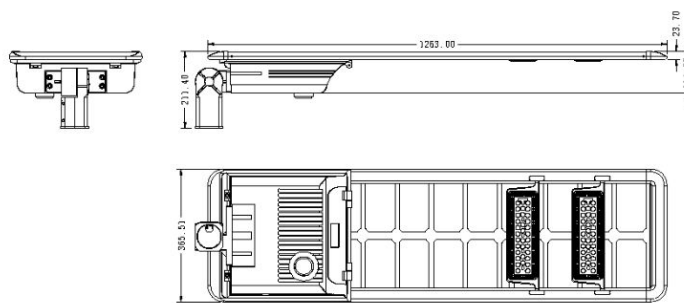
30W



40W



50W



60W

