

# Andromeda™ Solar

## POLE MOUNT SOLAR LIGHT

LUMILEDS HIGH POWER 85-264VAC SHOCK RESISTANT IP66 RATING 80 CRI L70 50,000 HRS PFO.9 RECYCLE



### PRODUCT INFORMATION

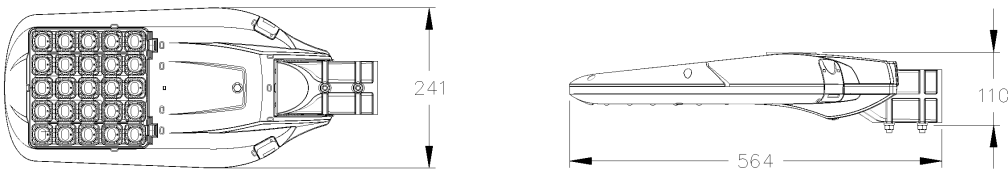
<b>LIGHT SOURCE</b>	Lumileds
<b>HOUSING</b>	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Pixel Rails Separate box to be housed on or in the pole
<b>BATTERY HOUSING</b>	ST12
<b>BRACKET MATERIAL</b>	Made to suit existing pole mount diameter to hold solar panel & pole mount luminaire
<b>BRACKET</b>	
<b>FRAME COLOUR</b>	Grey
<b>MECHANICAL IMPACT RESISTANCE</b>	IK08 (Bracket & Frame Only)
<b>IP RATING</b>	IP66

### LUMINAIRE SPECIFICATIONS

<b>INPUT VOLTAGE</b>	42VDC
<b>DIMMABLE</b>	Yes - comes with Controller to monitor Solar PV input, Battery charge, allows programming & testing with remote control for multiple daily light output settings.
<b>LIFESPAN</b>	50,000 hours to L70
<b>POWER</b>	25W, 40W, 70W
<b>POWER FACTOR</b>	0.95
<b>BEAM ANGLE</b>	Customisable - see Andromeda C Lens page for options
<b>LUMINOUS EFFICACY</b>	120lm/W
<b>CCT</b>	5,000 Cool White >70 (CRI) Standard *Also available in 4,000K Natural White, 3000K - Warm White and 2500K Amber (Turtle Safe)

Indicative Images Only - Solar Pole Mount product includes light, solar panel and bracket to attach to existing pole

### SCHEMATIC OF 25W POLE MOUNT LUMINAIRE



### SOLAR PANEL & BATTERY SPECIFICATIONS

	PoleMS-25W	PoleMS-70W
<b>POWER CONSUMPTION</b>	25W	70W
<b>SOLAR PANEL POWER GENERATION</b>	120W	180W
<b>BATTERY RATING</b>	100AH; 12.8V LIFEPO4	200AH; 12.8V LIFEPO4
<b>BATTERY LIFESPAN</b>	2000 Cycles	2000 Cycles
<b>OPERATING HOURS</b>	Up to 40hrs in dim mode	Up to 40hrs in dim mode
<b>BATTERY CHARGING TIME</b>	7hrs (full sun)	7hrs (full sun)

### TYPICAL APPLICATIONS



PRODUCT CODE	POWER	OUTPUT* (LUMENS)
Andromeda-C-PoleMS-25+Solar	25W	3,000
Andromeda-C-PoleMS-40+Solar	40W	4,800
Andromeda-C-PoleMS-70+Solar	70W	8,400