



# 30 Watt Delta

Enjoy a safer work space or public area with peace of mind thanks to our 30W Delta Solar Light.



The 30W Delta Solar Light provides a decorative style option in solar lighting. Ideal for parks and gardens, they can be fitted to a painted promenade pole with a single or double outreach, offering a tailored alternative to the all-in-one unit. Available in symmetrical and asymmetrical format.

- ✓ Decorative style with customised paint options
- ✓ Adaptable - options include use on a Promenade Pole, as a Wall Bracket Light or in bus shelters
- ✓ Can be used on time set or motion sensor
- ✓ Symmetrical or asymmetrical models available
- ✓ Panels can be faced in any direction to optimise sunlight
- ✓ Mono-crystalline solar panel
- ✓ Built in lithium-ion battery storage
- ✓ Automatic day and night mode controlled by PE cell
- ✓ Available in both permanent and portable models
- ✓ Batteries housed within the LED light head

## Applications



Parks and Gardens



Shared Traffic Zones



Work Zones



Asset Protection

# Specifications

<b>Product code</b>	<b>Symmetrical F20100301 / Aymmetrical F20100302</b>
<b>Power Consumption</b>	30W
<b>CRI</b>	Ra≥80
<b>Luminous Flux</b>	3180lm(6000K)
<b>Luminous Efficacy</b>	106lm/W(6000K)
<b>Beam Angle</b>	120°
<b>Lighting Duration</b>	30hrs*1
<b>Time to fully charged</b>	8hrs*2
<b>Luminaire Material</b>	Aluminum
<b>Luminaire Weight</b>	2.8kg/6.17lb
<b>Solar Panel Weight</b>	7.35kg/16.20lb
<b>Battery Position</b>	Built-in on the luminaire
<b>Battery</b>	14.8V 15Ah, Internal
<b>Operating Temperature</b>	-25°C~+45°C, -13°F~+113°F Warranty: 5 years
<b>Battery Specifications:</b>	
<b>Nominal Capacity</b>	15000mAh
<b>Battery cell</b>	Lithium battery
<b>Battery Life</b>	3yrs
<b>Cycle Life</b>	1000 times
<b>Maximum Charge/Discharge Current</b>	5000mA
<b>Standard Discharge Current</b>	2000mA
<b>Nominal Voltage</b>	14.8V
<b>Max Charge Voltage</b>	16.8V
<b>Discharge Cut-off Voltage</b>	12.0V
<b>Overcharge Detection Voltage</b>	4.25V±0.025V
<b>Overdischarge Detection Voltage</b>	2.5V±0.1V
<b>Overdischarge Detection Current</b>	7A~15A
<b>Relative humidity</b>	10%~90%
<b>Solar Panel Specifications</b>	
<b>Maximum Power (Pmax)</b>	60Wp / 90Wp
<b>Maximum Power Voltage (Vmp)</b>	18V
<b>Maximum Power Current (Imp)</b>	3.33A
<b>Open-Circuit Voltage (Voc)</b>	21.4V
<b>Short-Circuit Current (Isc)</b>	3.78A
<b>System Voltage</b>	1000V
<b>Tolerance</b>	3±
<b>Mechanical Characteristics</b>	
<b>Solar Cell</b>	Mono125×78mm
<b>Number of Cells</b>	36 (4×9)
<b>Dimension</b>	765×550×35mm / 1196×550×30mm
<b>Frame</b>	Aluminum alloy
<b>Surface Glass</b>	3.2mm, High Transmittance, Low Iron, Tempered Glass

