



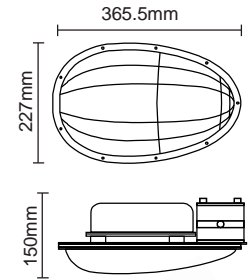
DELTA SOLAR LED LIGHTING





SR-4030A / SR-4030A-L

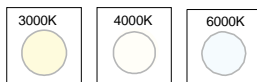
Power Consumption: 30W
 CRI: Ra≥80
 Luminous Flux: 4020lm(6000K)
 Luminous Efficacy: 134lm/W(6000K)
 Beam Angle: 120°
 Lighting Duration: 25hrs*1
 Time to fully charged: 8hrs*2
 Luminaire Material: Aluminum
 Luminaire Weight: 2.8kg/6.17lb
 Solar Panel Weight: 7.35kg/16.20lb
 Battery Position: Built-in on the luminaire
 Battery: 14.8V 15Ah, Internal
 Operating Temperature : -25°C~+45°C, -13°F~+113°F
 Warranty: 5 years with light & solar, 3 years with battery



Asymmetrical Lens

IP65

Color Temperature

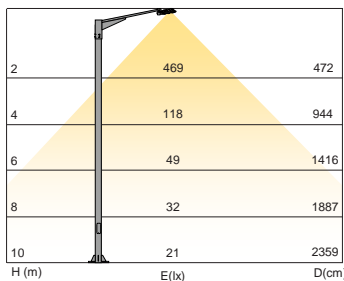


Accessories

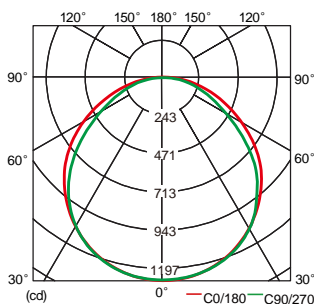


Solar Panel

Illuminance Distribution



Light Distribution Curve



Battery Specification

Nominal Capacity	20Ah
Battery cell	Lithium battery
Battery Life	3yrs
Cycle Life	1000 times
Maximum Charge/ Discharge Current	5000mA
Standard Discharge Current	2000mA
Nominal Voltage	14.8V
Max Charge Voltage	16.8V
Discharge Cut-off Voltage	12.0V
Overcharge Detection Voltage	4.25V±0.025V
Overdischarge Detection Voltage	2.5V±0.1V
Overdischarge Detection Current	7A~15A
Relative humidity	10%~90%
Operating temperature	0°C ~ +45°C

Solar Panel Specification

Specifications

Maximum Power (Pmax)	60Wp / 90Wp
Maximum Power Voltage (Vmp)	18V
Maximum Power Current (Imp)	3.33A
Open-Circuit Voltage (Voc)	21.4V
Short-Circuit Current (Isc)	3.78A
System Voltage	1000V
Tolerance	3±

Mechanical Characteristics

Solar Cell	Mono125×78mm
Number of Cells	36 (4×9)
Dimension	765×550×35mm / 1196×550×30mm
Frame	Aluminum alloy
Surface Glass	3.2mm, High Transmittance, Low Iron, Tempered Glass

Note: *1The duration refers to the time for which the luminaire could work continually with the battery fully charged.

*2 The time refers to the duration in which the battery could be fully charged under the effective illumination of the solar panel.

www.sonaray.com.au

© 2019 SONARAY AUSTRALIA LTD. All rights reserved.

All company and product names are trademarks or registered trademarks of their respective owner. Specifications are subject to change without notice.

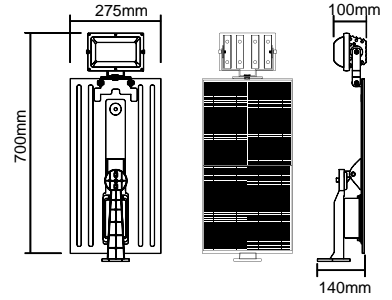
Version 2.7. Edited date 2018.10





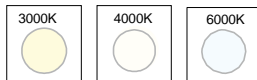
SR-1010

Power: 10W
 Luminous Flux: 1320lm(6000K)
 Luminous Efficacy: 132lm/W(6000K)
 Beam Angle: 120°
 Lighting Duration: 17hrs*1
 Time to fully charged: 7~8hrs*2
 Battery: 7.4V 15Ah
 Solar Panel: 20W
 Luminaire Material: Aluminum
 Weight: 4.7kg/10.36lb
 Operating Temperature: -42°C~+50°C, -44°F~+122°F



IP65

Color Temperature

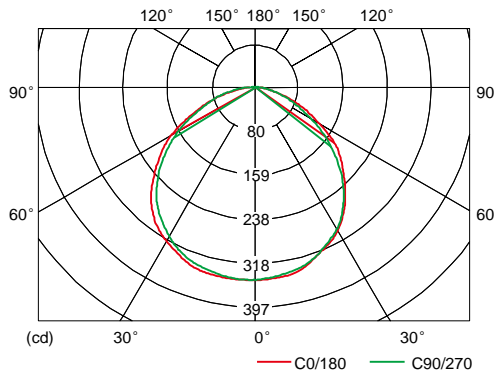


Battery Specification

Nominal Capacity	15000mAh
Cycle Life	1000 times
Maximum Charge/ Discharge Current	7500mA
Standard Discharge Current	1350mA
Nominal Voltage	7.4V
Max Charge Voltage	8.4V
Discharge Cut-off Voltage	6.0V
Overcharge Detection Voltage	4.25V±0.05V
Overdischarge Detection Voltage	3.0V±0.05V
Relative humidity	10%~90%

Note: *1The duration refers to the time for which the luminaire could work continually with the battery fully charged.
 *2 The time refers to the duration in which the battery could be fully charged under the effective illumination of the solar panel.

Light Distribution Curve



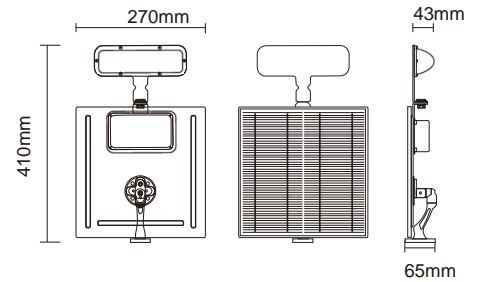
Illuminance Distribution

1	338	284
2	84	567
3	38	851
4	21	1134
5	14	1418
H (m)	E (lx)	D (cm)



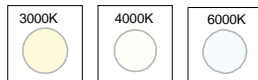
SR-1004

Power: 4W
 Luminous Flux: 532lm(6000K)
 Luminous Efficacy: 133lm/W(6000K)
 Beam Angle: 120°
 Lighting Duration: 15hrs*1
 Time to fully charged: 7hrs*2
 Battery: 7.4V 5Ah
 Solar Panel: 10W
 Luminaire Material: Aluminum
 Weight: 1.65kg/3.64lb
 Operating Temperature: -42°C~+50°C, -44°F~+122°F



IP65

Color Temperature

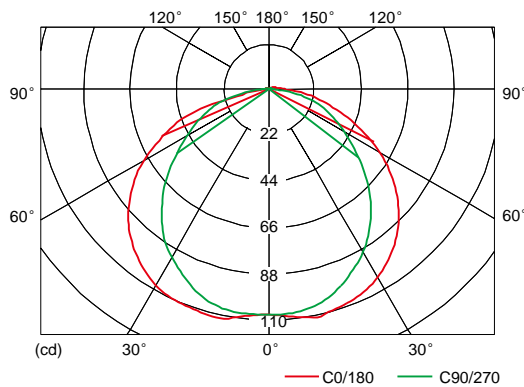


Battery Specification

Nominal Capacity	5000mAh
Cycle Life	1000 times
Maximum Charge/ Discharge Current	2500mA
Standard Discharge Current	540mA
Nominal Voltage	7.4V
Max Charge Voltage	8.4V
Discharge Cut-off Voltage	6.0V
Overcharge Detection Voltage	4.25V±0.05V
Overdischarge Detection Voltage	3.0V±0.05V
Relative humidity	10%~90%

Note: *1The duration refers to the time for which the luminaire could work continually with the battery fully charged.
 *2 The time refers to the duration in which the battery could be fully charged under the effective illumination of the solar panel.

Light Distribution Curve



Illuminance Distribution

1	103	274
2	25	547
3	11	821
4	6	1195
5	5	1369
H (m)	E (lx)	D (cm)