



SR-1010

10W DELTA SOLAR LED STREET LIGHT

BEAM ANGLE: 120°

INPUT VOLTAGE: DC 7V

POWER SUPPLY: Solar Panel + Battery

FIXTURE LIFETIME: ≥ 50,000hrs

AMBIENT OPERATING TEMPERATURE: -44°F ~ +122°F

Durable Design and Construction for Moisture and External Impact Resistance: The best in design and quality construction qualify these fixtures to be rated IP65. They are also designed with multi-directional heat dissipation fins for enhanced cool operation and water drainage away from the fixture.

Corrosion Treatment: By employing specific anti-corrosive treatments on the heat sink and other key components of the fixture, this luminaire performs well in areas that traditionally lend themselves to corrosion or fixture degradation.

Quality Core Components: Using the best core components, including high-quality chip sets, results in a fixture that not only lasts a long time, but also high in efficiency and resulting lumen output.

Solar Energy Savings: Solar panels provide the mechanism to power your luminaire with sun energy and battery. Collect and store "natural" power to maximize your energy savings and decrease your carbon footprint.

Common Applications: Outdoor signs, doorway lighting, areas where it is impractical or complicated to run electric.



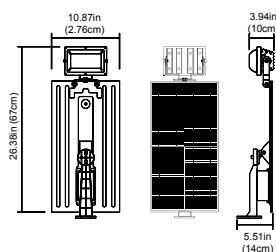
IK09



ORDERING GUIDE

MODEL	WATTAGE	BEAM ANGLE	CRI	CCT	FINISH	VOLTAGE
SR-1	010	T4	8	60	LG	D
	010 10W	T4 TYPE IV	8 ≥80	30 3000K 40 4000K 50 5000K 60 6000K	LG LIGHT GRAY	D 12-24V

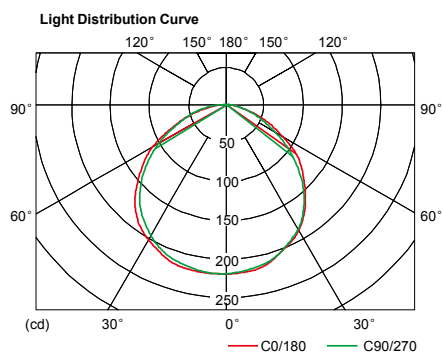
DIMENSIONS: LUMINAIRE



ENERGY DATA

	POWER	LUMENS	EFFICACY
TYPE IV DIST.	10W	1000 lm	100 lm/W

PHOTOMETRICS



Illuminance Distribution

1	213	284
2	53	567
3	24	851
4	13	1134
5	9	1418
H (m)	E(lx)	D(cm)

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INPUT VOLTAGE: DC 7V

OPERATING TEMPERATURE: -44°F ~ +122°F

POWER SUPPLY: SOLAR PANEL + BATTERY

WEIGHT (UNIT): 3.64lbs | 1.65kg

LIFETIME: ≥ 50,000hrs

LUMINAIRE HOUSING: The body of the luminaire is made of aluminum with an anti-corrosive to protect it in caustic environments, such as salt spray. The acrylic optical has a high-impact resistance, and the luminaire is sealed with resilient gasketing to prevent ingress.

MOUNTING OPTIONS: Available options include an arm bracket.

ELECTRICAL: The Delta Solar Flood Light comes comes standard with a high-performance solar panel and batteries, that remove the need for a driver and wiring to the luminaire.

WARRANTY: Five (5) year warranty on entire system. For more details on warranty conditions, please contact factory.

LUMEN MAINTENANCE: The lumen packages of the luminaires are rated for 50,000+ hours (L_{70}).

CERTIFICATIONS: UL certification is not required due to the units being a closed system running off low voltage.

SOLAR PANEL SPECIFICATIONS

Maximum Power (Pmax)	20Wp
Maximum Power Voltage (Vmp)	9V
Maximum Power Current (Imp)	2.23A
Open-Circuit Voltage (Voc)	11V
Short-Circuit Current (Isc)	2.45A
System Voltage	500V
Tolerance	± 3%

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.

BATTERY SPECIFICATIONS

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%