



Discus Solar Street Light

10W - 60W Spec Sheet

Overview

The Discus Solar Streetlight offers an outstanding 220 lumens per watt, out shining the competition. The range offers a wide choice of lenses, maximising efficacy while minimising unwanted light pollution.

This product is specially designed to run in areas with limited or no access to electricity, allowing it to be installed anywhere with sunlight.

Features & Benefits

- The Discus Solar Streetlight can operate at full power for 15 hours on a single charge and boasts up to 7 days of usage whilst utilising 'Intelligent mode'.
- Integral monocrystalline silicon solar panel.
- Removable Lithium Iron Phosphate battery.
- User friendly battery replacement design.
- Bilateral solar panels allow a conversion rate of up to 30%.
- Unique anti-theft technology.
- Angle adjustable LED module plate.
- Diverse bracket options allow for multiple applications.
- Built in PIR/Microwave sensor and smart controller.

Application



EXTERNAL
LIGHTING



STREET
LIGHTING

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Technical Specification

Description: Discus Solar Street Light

PRODUCT DETAILS	
Voltage	12-24v DC
IP Rating	IP65
Typical Lumens per watt	220lm/W
Colour Rendering	70 / 80
Beam angle	120° (Please Call for a Lens)
Operating Temperature	-40° to +50°
Warranty	5 year Premier Care
Colour Temperature	5700k (3000k, 4000k, 5000k, 6500k)
Power Factor	>1.0
Case Material	Diecast Aluminium
Driver	N/A
Lens Material	Polycarbonate
OPTIONS	
Sensor Controls	Available special order
Photocell	Available special order
Mounting	Vertical/Horizontal
Dimming Control	Available special order
RGB	N/A
12-24v DC	N/A
Emergency	N/A

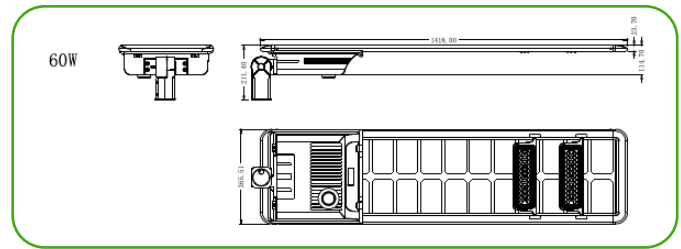
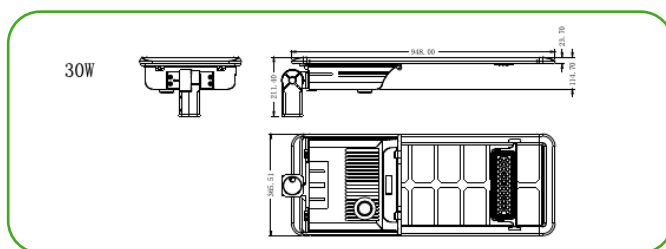
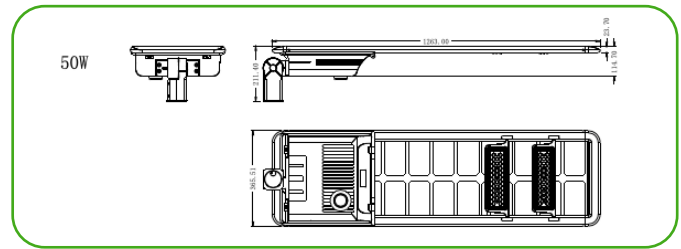
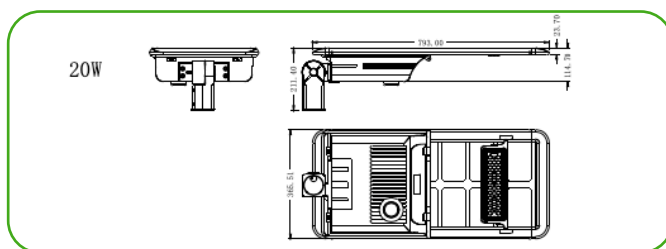
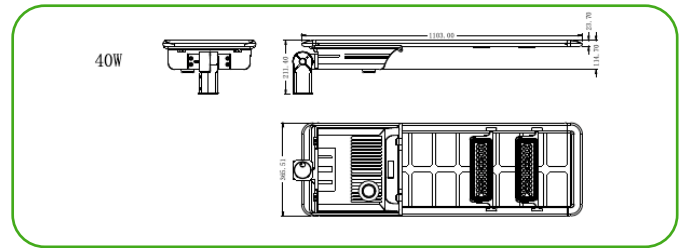
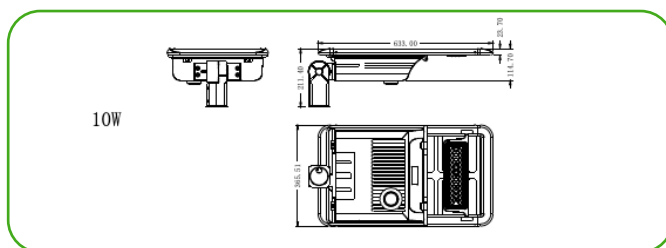
Recommended Product Location: External

Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS	WEIGHT	DIMENSIONS
10W	10W	2205	11.5 KG'S	633 x 365 x 211mm
20W	20W	4175	12.9 KG'S	793 x 365 x 211mm
30W	30W	6388	14.5 KG'S	948 x 365 x 211mm
40W	40W	8383	16.2 KG'S	1103 x 365 x 211mm
50W	50W	10092	17.6 KG'S	1263 x 365 x 211mm
60W	60W	12480	19.6 KG'S	1418 x 365 x 211mm



Diagram of Discus Solar Street Light



The Discus Gen2 Streetlight is covered by Carbon8 Lighting's unique 5 Year Premier Care Warranty. Very rarely, even a Carbon8 fitting can become faulty. Should this happen at any point during the 5 year warranty, Carbon8 will send an advance replacement fitting to site, pay up to £250+VAT towards the exchange and collect the swapped fitting from site. As well as minimising down time, this unique warranty reassures customers investing in a Carbon8 product, there will be no hidden cost of ownership.

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