



Discus Floodlight Plus

50W - 1200W Spec Sheet

Overview

The Carbon8Lighting Discus LED Floodlight is a unique design that offers an unparalleled combination of performance, quality and flexibility.

With a choice of five unique lenses that have been specifically designed for the Discus Floodlight, light output is guided to exactly where it's required. In doing this the Discus Floodlight maximises efficacy while minimising secondary glare and light pollution.

The Discus Floodlight range sits perfectly alongside Carbon8Lighting's hugely successful Discus LED High Bay and Javelin 2 Linear High Bay ranges, combining to offer total lighting solutions for warehouses, factory and retail applications, indoor and out.

Features & Benefits

- Die-cast Aluminium Housing with UV stabilized powder coating.
- Precision accurate polycarbonate lenses put light where its wanted and reduce/eliminate light pollution.
- IP65 Rated.
- Dali Dimming Control (0-10V / PMW) For use with external sensor.
- Ultra-efficient performance up to 160lm/W.
- Carbon8's Unique 5 Year Premier Care Warranty Program.

Application



EXTERNAL
LIGHTING



STREET
LIGHTING



INDUSTRIAL
LIGHTING



SPORTS
LIGHTING

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CARBON8
LIGHTING

Technical Specification

Description: Discus Floodlight Plus

Recommended Product Location: All locations, indoors and out

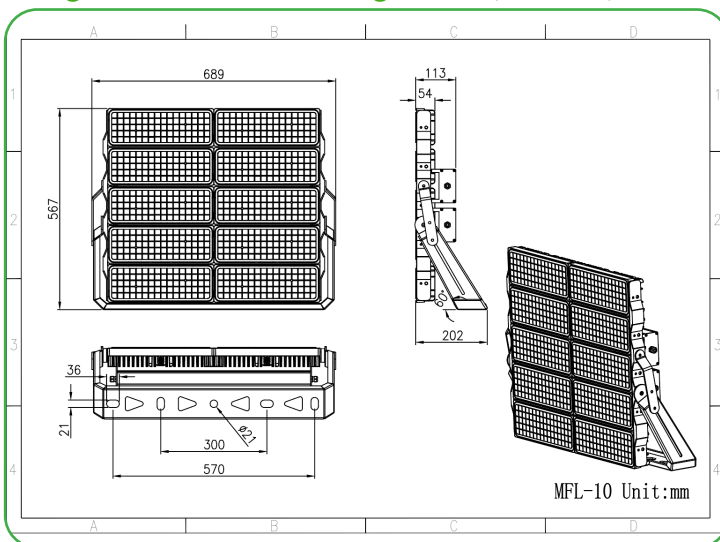
PRODUCT DETAILS	
Voltage	100-305 VAC 50/60Hz
IP Rating	IP65
Typical Lumens per watt	160
Colour Rendering	>70 (>80 available special order)
LED Module	Lumileds
Beam angle	30x30, 60x60, 40x150, 85x90
Operating Temperature	-25° to +40°
Warranty	5 year Premier Care
Colour Temperature	5000k (4000k & 6500k available special order)
Power Factor	>0.90
Case Material	Cast Aluminium / Polycarbonate
Driver	Meanwell
OPTIONS	
Light level sensor	✓
Remote Programmable Sensor	Available special order
Dimming Control	Available special order
Polycarbonate front	Fitted as standard
RGB	N/A
12-24v DC	N/A
Emergency	✓

Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS	WEIGHT	DIMENSIONS
50W	55	98579	3 KG'S	326 x 153 x 128mm
75W	82	12790	3 KG'S	326 x 153 x 128mm
100W	110	17688	3 KG'S	326 x 153 x 128mm
150W	160	24956	6 KG'S	322 x 203 x 249mm
200W	220	35376	6 KG'S	322 x 203 x 249mm
300W	320	51456	8 KG'S	322 x 203 x 356mm
400W	440	70752	11 KG'S	364 x 233 x 463mm
600W	640	102912	14.8 KG'S	664 x 175 x 372mm
800W	880	141504	20.5 KG'S	681 x 463 x 437mm
1000W	1100	176880	32 KG'S	689 x 202 x 567mm
1200W	1280	205824	35 KG'S	689 x 662 x 260mm



Diagram of Discus Floodlight Plus (1000W) - Other sizes available



The Discus Floodlight Plus is covered by Carbon8Lighting'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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