



Discus Floodlight

50 - 1400W 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 with 90° total cut off.
- IP65 Rated.
- Dali Dimming Control (0-10V / PMW).
- Ultra-efficient performance up to 140lm/W.
- Carbon8's Unique 5 Year Premier Care Warranty Program.

Application



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Technical Specification

Description: Discus Floodlight

Recommended Product Location: All locations, indoors and out

PRODUCT DETAILS	
Voltage	100-305 VAC 50/60Hz
IP Rating	IP65
Typical Lumens per watt	130/155
Colour Rendering	>70 (>80 available special order)
LED Module	Lumileds
Beam angle	30x30, 60x60, 90x90, 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	
Occupancy Sensor	✓
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	✓

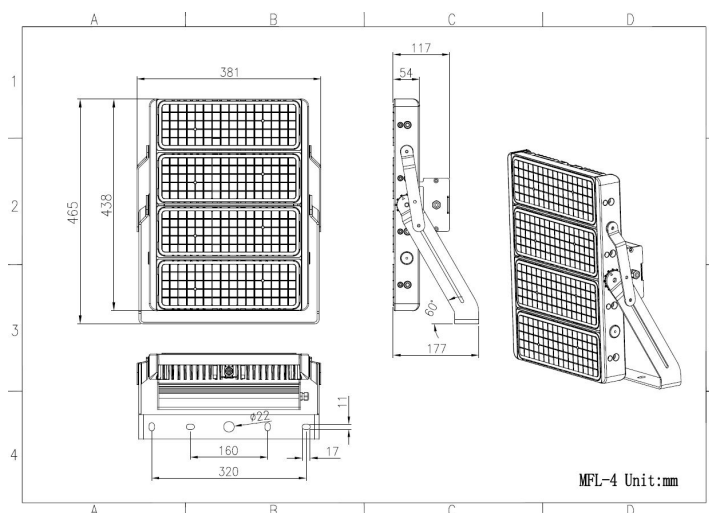
Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS
50W	55	7260
75W	80	9600
100W	103	13575
150W	150	19800
200W	220	29040
300W	300	39600
400W	440	54444
600W	640	81037
800W	880	105600
1000W	1100	156000
1200W	1200	204000
1400W	1500	232000

Weight & Dimensions

LED POWER	WEIGHT	DIMENSIONS
50W	3 KG'S	326 x 153 x 128mm
75W	3 KG'S	326 x 153 x 128mm
100W	6 KG'S	332 x 203 x 249mm
150W	6 KG'S	332 x 203 x 249mm
200W	8 KG'S	322 x 203 x 356mm
225W	8 KG'S	322 x 203 x 356mm
300W	11 KG'S	364 x 223 x 463mm
400W	16.5 KG'S	664 x 175 x 372mm
450W	16.5 KG'S	664 x 175 x 372mm
600W	21.5 KG'S	681 x 463 x 437mm
800W	22 KG'S	689 x 202 x 567mm
1000W	22 KG'S	689 x 202 x 567mm
1200W	35 KG'S	689 x 264 x 777mm
1400W	35 KG'S	689 x 264 x 777mm

Diagram of Discus Floodlight - Other sizes available



The Discus Floodlight 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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