

JC091003

Niteflood® LED Floodlights

Niteflood™ LED Floodlight 20W IP65 4000K Black

Features & Benefits

- Up to 112 LpcW
- IP65 protection against dust and moisture
- 60° angled bracket for ease of installation
- Breather gland incorporated to protect against condensation
- Opal glass for reduced glare
- Supplied pre-wired with 800mm flex
- Driverless technology
- PIR versions, with manual override available
- This product contains a light source of energy efficiency class E



General Information

Mounting	Wall Mount
Environment	Exterior
Product Group	LED Floodlights
Color Finish	Black
Product Shape	Rectangular
Product Range	Niteflood®
Overall Dimensions	123.2 x 146.6 x 57.4
Width (mm)	146.6
Height (mm)	123.2
Depth (mm)	57.4
Product Weight(kg)	0.383
Light Source	LED
Recommended Product Location	Exterior Wall Mount for security lighting
Method Of Fix	Screws/Rawl plugs
Fixing Centres	See profile drawing
IP Rating	IP65
Origin of manufacturer	China
Warranty	2 years standard warranty extends to 3 years

	when registered within the first year of purchase (See Website for terms and conditions)
Mounting Height	2.5m max
Driver Manufacturer	No driver, mains LED Chips
LED Manufacturer/Type	Smalite 2835

Electrical

Voltage Rating	220-240
Operating Frequency Hz	50/60Hz
Luminaire Circuit Wattage	20
Class	I
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Live, Earth, Neutral

Thermals

Operating Temperature Range °C	-10 to 30
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Performance Data

LED Life (Hours)	54000
Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.	
Energy Rating	This product contains a light source of energy efficiency class E
Actual Lumen Output	2100
Lumens Per Circuit Watt	105
Standard Deviation Colour Matching - SDCM	< 5
Color Rendering Index	80-89
CRI: Ra	83
Correlated Color Temperature	4000
Beam Angle °	100
LOR (Light Output Ratio) %	100
Photometry Available	Yes, available on request

Construction

Primary Material	Aluminium
Outer Diffuser	Opal toughened glass
Heat Sink	Aluminium

Packaging

Product carton overall dimensions(cm)	15 x 5.3 x 12.5cm
Product Packaged Weight(kg)	0.43
Quantity Per Outer Carton	20

Outer carton(L)- cm	36.8
Outer carton(W)- cm	32.1
Outer carton(H)- cm	17.2
Outer carton Net weight- kg	7.66
Outer carton Gross weight- kg	8.23
Product Bar Code EAN-13 Number	5052544109676
Outer carton Bar Code ITF-14 Number	15052544109673

Standards & Approvals

Manufactured In Accordance To	BS EN 60598-2015,2-1,2-5
CE Marked	Yes
UKCA Marked	Yes
Date code/Purchase order No.	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on request
Accredited Members	LIA, ISO9001-2015, ISO14001-2015



