

JC091004

## Niteflood® LED Floodlights

Niteflood™ LED Floodlight 20W IP65 4000K Black +PIR

### 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
- Manual override
- This product contains a light source of energy efficiency class E



### General Information

Mounting

Environment

Product Group

Color Finish

Product Shape

Product Range

Overall Dimensions

Width (mm)

Height (mm)

Depth (mm)

Product Weight(kg)

Light Source

Wall Mount

Exterior

LED Floodlights

Black

Rectangular

Niteflood®

154.8 x 146.6 x 99.3

146.6

154.8

99.3

0.432

LED

Additional Information

To operate the manual override function: Turn the power OFF/ON/OFF/ON within 5 seconds. To return to Automatic PIR detection mode: Turn off power for 10 seconds, then turn power ON. If the power is off for longer than 15 seconds the floodlight will light up for 5 seconds before activating automatic PIR detection mode.

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	3 Year Warranty (See Website for terms and conditions)
Mounting height	2.5m max
Driver manufacturer	No driver, mains LED Chips
LED manufacturer/type	Smalite 2835
Customs Tariff code**	9405421000

Electrical

Voltage Rating	220-240
Operating Frequency Hz	50/60Hz
Luminaire Circuit Wattage	20
Class	I
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.8
Input Electrical Connections	Live, Earth, Neutral

Thermals

Operating Temperature Range °C	-10 to 30
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Performance Data

LED Life (Hours)*	54000
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

Controls and Sensors

Detection Distance	5-10m
Detection Motion Speed	0.6~1.5m/s
Detection Range	180°
Installation Height	1.8-2.5m
Power Consumption	<0.9W
Time Delay	10s to 7mins

Construction

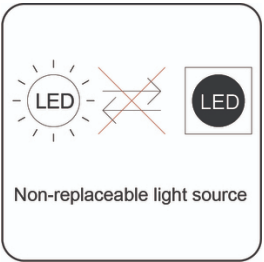
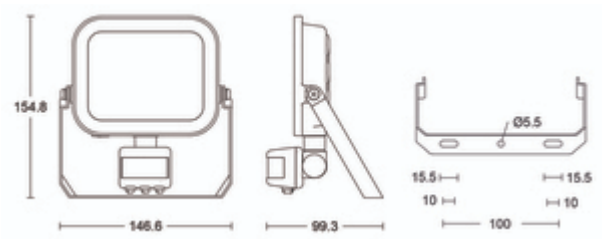
Primary Material	Aluminium
Outer Diffuser	Opal toughened glass
Heat Sink	Aluminium

Packaging

Product carton overall dimensions(cm)	15 x 5.7 x 17.8cm
Product Packaged Weight(kg)	0.50
Quantity Per Outer Carton	20
Outer carton(L)- cm	61.8
Outer carton(W)- cm	32.1
Outer carton(H)- cm	21.5
Outer carton Net weight- kg	8.64
Outer carton Gross weight- kg	9.49
Product Bar Code EAN-13 Number	5052544109683
Outer carton Bar Code ITF-14 Number	15052544109680

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
Approvals	Independently tested to ISO9227:2022 Neutral salt spray corrosion testing





\*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.

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