

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

Wall Mount

Environment

Exterior

Product Group

LED Floodlights

Color Finish

Black

Product Shape

Rectangular

Product Range

Niteflood®

Overall Dimensions

154.8 x 146.6 x 99.3

Width (mm)

146.6

Height (mm)

154.8

Depth (mm)

99.3

Product Weight(kg)

0.432

Light Source

LED

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.

Additional Information

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

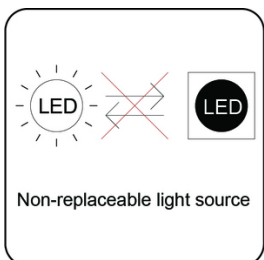
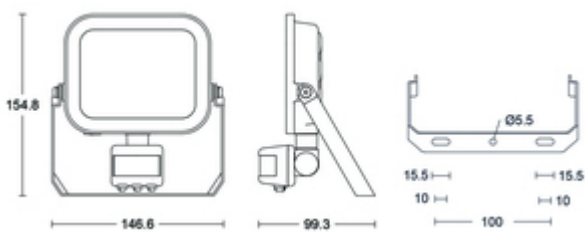
Yes

Certificate Of Conformity

Available on request

Accredited Members

LIA, ISO9001-2015, ISO14001-2015





*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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