

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



100°
BEAM



CLASS I



83
CRI:RA



IP
65
RATING



3yr
WARRANTY

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 | 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 | 0.8 |
| Input Electrical Connections | Live, Earth, Neutral |

Thermals

| | |
|--------------------------------|------------------|
| Operating Temperature Range °C | -10 to 30 |
|--------------------------------|------------------|

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 |

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

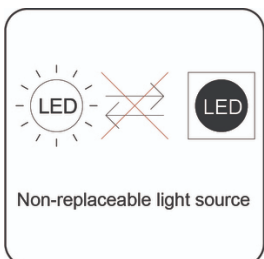
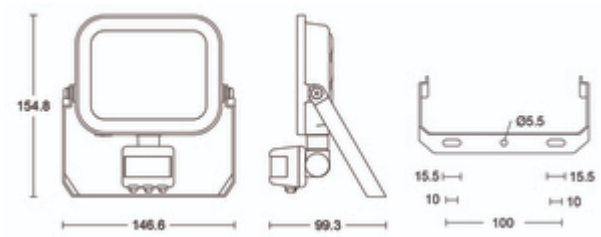
| | |
|------------------|----------------------|
| Primary Material | Aluminium |
| Outer Diffuser | Opal toughened glass |
| Heat Sink | Aluminium |

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 |





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