

# JC45222/45

## Toughflood High Output

Toughflood high output IP66 200W 4000K 28100lm 45° symmetric c/w surge protector

### Features & Benefits

- Up to 143 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order
- contact JCC customer services on 01243 838999



WARRANTY



BEAM



RATING



CRI:RA



CLASS I

### General Information

Mounting

Wall

Trade Name

Toughflood

Environment

Outdoor

Product Group

Floodlight

Color Finish

Black

Product Shape

Rectangular

Product Range

Toughflood

Overall Dimensions

544mm x 258mm x 110mm

Light Source

LED

Light Source Features

Neutral White

Luminaire Accessories

No

Recommended Product Location

Exterior

Method Of Fix

Bolt fixed

Max Angle Of Tilt & Rotation

180°

IP Rating

IP66

Origin of manufacturer

China

Warranty

2 years standard warranty extends to 5 years when registered within the first year of purchase (See Website for terms and conditions)

|                         |                  |
|-------------------------|------------------|
| Driver Manufacturer     | Philips          |
| LED Manufacturer/Type   | Philips Lumileds |
| Lighting Product Type 1 | Wall Light       |

Electrical

|                                  |                    |
|----------------------------------|--------------------|
| Voltage Rating                   | 220-240            |
| Operating Frequency Hz           | 50/60Hz            |
| Luminaire Circuit Wattage        | 200W               |
| Class                            | Class I            |
| Total Harmonic Distortion (THD)% | < or equal to 20   |
| EMC Compliant (EN55015)          | Yes                |
| Power Factor Correction          | > or equal to 0.95 |
| Dimmable                         | No                 |

Thermals

|                                  |      |
|----------------------------------|------|
| Max Luminaire Ambient Temp.      | 50°C |
| Max Driver/Ballast Ambient Temp. | 50°C |
| Thermal Cut Out                  | 90°C |

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 D |
| Actual Lumen Output          | 28100   |
| Lumens Per Circuit Watt      | 141   |
| Color Rendering Index        | 50-79   |
| CRI: Ra                      | 70  |
| Correlated Color Temperature | 4000K   |
| LOR (Light Output Ratio) %   | 100   |
| Photometry Available         | Yes   |

Construction

|                  |                  |
|------------------|------------------|
| Primary Material | Steel            |
| LED Brand        | Philips Lumileds |
| Lens             | Polycarbonate    |
| Heat Sink        | Aluminium        |
| Driver Housing   | Aluminium        |

Packaging

|                                |               |
|--------------------------------|---------------|
| Product Bar Code EAN-13 Number | 5052544089398 |
|--------------------------------|---------------|

## Standards & Approvals

Manufactured In Accordance To

CE Marked

UKCA Marked

WEEE Symbol

Certificate Of Conformity

Accredited Members

TUV Approval

**BS EN 60598-2015,2-1,2-5**

**Yes**

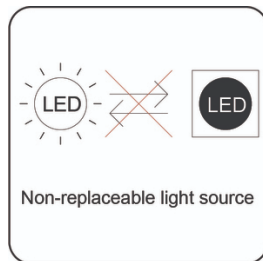
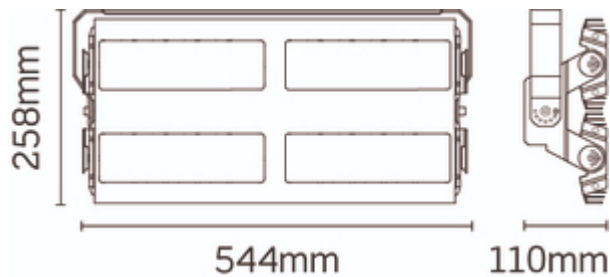
**Yes**

**Yes**

**Yes, available on request**

**LIA, ISO9001:2015, ISO14001:2015**

**Yes**



---

JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT.

Sales: 01243 838999 (8am to 5pm Monday to Friday) Fax: 01243 838998 | [sales@jcc.co.uk](mailto:sales@jcc.co.uk) | [www.jcc.co.uk](http://www.jcc.co.uk)

Company Registration Number: 03044848 | VAT Number: 918544112

This document is uncontrolled if printed, all information is subject to change

Version 56 [23/06/2022]