

JC45222/711

**Toughflood high output IP66 200W 4000K 28400lm 70°x110° symmetric c/w surge prot**



## 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

## General Information

<b>Product Group</b>	Floodlight
<b>Product Range</b>	Toughflood
<b>Trade Name</b>	Toughflood
<b>Light Source</b>	LED
<b>Light Source Features</b>	Neutral White
<b>Lighting Product Type</b>	Wall Light
<b>Product Shape</b>	Rectangular
<b>Mounting</b>	Wall
<b>Product Weight</b>	5.8kg
<b>Color Finish</b>	Black
<b>Overall Dimensions</b>	544mm x 258mm x 110mm

### JCC Lighting

Innovation Centre, Beeding Close, Southern Cross  
Trading Estate, Bognor Regis, West Sussex, PO22 9TS  
Company Registration Number: 03044848 | VAT Number: 918544112

T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

<b>Recommended Product Location</b>	Exterior
<b>Method Of Fix</b>	Bolt fixed
<b>Max Angle Of Tilt &amp; Rotation</b>	180°
<b>IP Rating</b>	IP66
<b>Environment</b>	Outdoor
<b>Luminaire Accessories</b>	No
<b>Origin Of Manufacture</b>	China
<b>Warranty</b>	2 years standard warranty extends to 5 years when registered within the first year of purchase (See Website for terms and conditions)
<b>Driver Manufacturer</b>	Philips
<b>LED Manufacturer/Type</b>	Philips Lumileds

## Electrical

<b>A Cable</b>	Yes
<b>Voltage Rating</b>	220-240
<b>Operating Frequency (Hz)</b>	50/60Hz
<b>CC or CV</b>	CC
<b>Luminaire Circuit Wattage</b>	200W
<b>Class</b>	Class I
<b>Output Voltage (V)</b>	118-238V
<b>Total Harmonic Distortion (THD)%</b>	< or equal to 20
<b>EMC Compliant (EN55015)</b>	Yes
<b>Power Factor Correction</b>	> or equal to 0.95
<b>Dimmable</b>	No

## Thermals

<b>Room Ambient Temperature Not To Exceed</b>	50°C
<b>Max Luminaire Ambient Temp.</b>	50°C
<b>Max Driver/Ballast Ambient Temp.</b>	50°C
<b>Thermal Cut Out</b>	90°C
<b>Operating Temperature Range</b>	-40°C to +55°C

## Performance Data

<b>Energy Rating</b>	A++
<b>Actual Lumen Output</b>	28400
<b>Lumens Per Circuit Watt</b>	142
<b>LED Life (Hours) (L70)</b>	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.

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<b>Color Rendering Index</b>	50-79
<b>CRI: Ra</b>	70
<b>Correlated Color Temperature</b>	4000K
<b>Light Distribution Detail</b>	70x110-degree
<b>LOR (Light Output Ratio) %</b>	100%
<b>Photometry Available</b>	Yes

## Construction

<b>Primary Material</b>	Steel
<b>LED Brand</b>	Philips Lumileds
<b>Lens</b>	Polycarbonate
<b>Heat Sink</b>	Aluminium
<b>Driver Housing</b>	Aluminium

## Packaging

<b>Luminaire Carton Dimensions</b>	595mm x 310mm 220mm
<b>Packaged Weight</b>	6.5kg

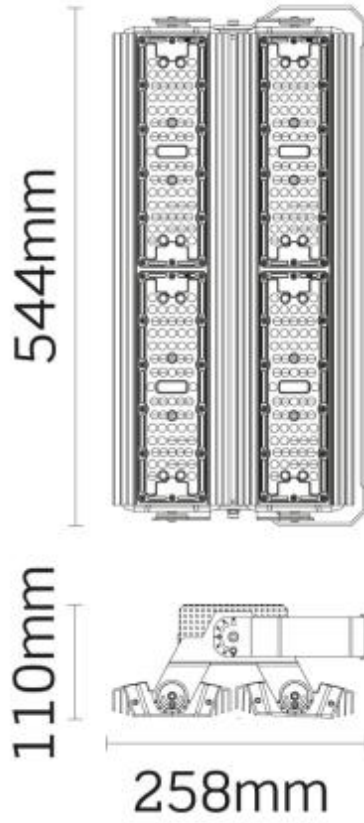
## Standards & Approvals

<b>Listings</b>	CE
<b>Listings</b>	Damp Location
<b>Listings</b>	RoHS
<b>Manufactured In Accordance To</b>	BS EN 60598-2015,2-1,2-5
<b>CE Marked</b>	Yes
<b>WEEE Symbol</b>	Yes
<b>Certificate Of Conformity</b>	Yes, available on request
<b>Accredited Members</b>	LIA, ISO9001:2015, ISO14001:2015
<b>TUV Approval</b>	Yes

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