

JC050011

## Toughflood Pro Symmetric Commercial

Toughflood Pro Symmetric Commercial 100W IP65 4000K Black

### Features & Benefits

- Adjustable 180° tiltable bracket
- Pre-wired with 1m flex
- IP65 and IK08 protection



### General Information

Mounting	Surface Mounted
Environment	Outdoor
Product Group	Floodlight
Color Finish	Black
Product Shape	Rectangular
Product Range	Toughflood Pro Symmetric
IK Rating	08
Overall Dimensions	257.6 x 310.3 x 55.7 mm
Width (mm)	257.6
Height (mm)	310.3
Depth (mm)	55.7
Product Weight(kg)	2.360
Light Source	LED
Additional Information	1m flex cable length
Recommended product location	Exterior, general security lighting
Method of fix	Mounting Bracket
IP Rating	65
Origin of manufacturer	China

Warranty	5 Year Warranty (See Website for terms and conditions)
Driver manufacturer	JCC
LED manufacturer/type	LumiLEDs/2835R
Customs Tariff code**	9405421000

## Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.391-0.479
Inrush current(Amps)	3.84A@24.4uS
Operating Frequency Hz	50/60
Secondary running current(mA)	315
Constant Current or Constant Voltage	Constant current
Luminaire Circuit Wattage1	100
Class	I
Output Voltage Max/Range (VDC)	270
Total Harmonic Distortion (THD)%	20
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.95
Input Electrical Connections	Live(L) Earth(E) Neutral(N)
Dimmable	No

## Thermals

Thermal Cut Out	Yes
Operating Temperature Range °C	-25 to 50

## Performance Data

LED Life (Hours)*	102000
Energy Rating	This product contains a light source of energy efficiency class D
Actual Lumen Output1	12750
Lumens Per Circuit Watt1	128
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	4000
Beam Angle °	110
LOR (Light Output Ratio) %	100
Photometry Available	Yes

## Construction

Primary Material	Aluminium
Outer Diffuser	Toughened glass

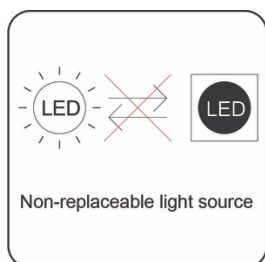
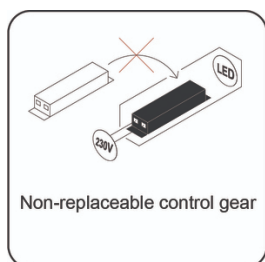
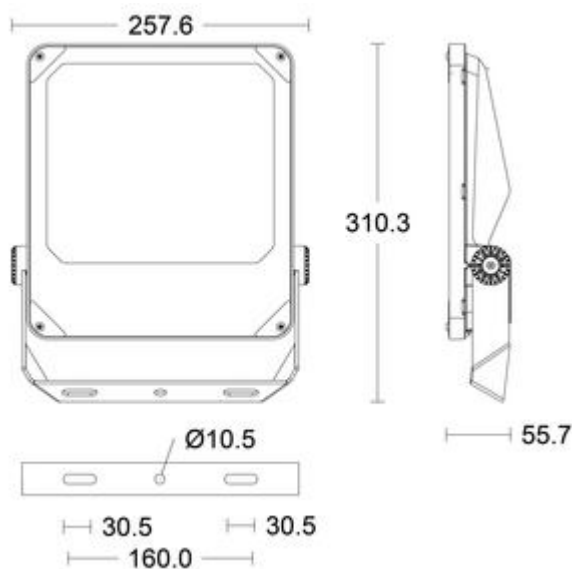
## Packaging

Product carton overall dimensions(cm)	28.2 x 6.5 x 32.6cm
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Product Packaged Weight(kg)	2.5169
Quantity Per Outer Carton	4
Outer carton(L)- cm	30.00
Outer carton(W)- cm	28.8
Outer carton(H)- cm	38.3
Outer carton Net weight- kg	10.07kg
Outer carton Gross weight- kg	10.63kg
Product Bar Code EAN-13 Number	5052544123900
Outer carton Bar Code ITF-14 Number	15052544123907

## 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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