

JC050006

Toughflood Commercial

Toughflood Commercial 100W 10800lm 108lpcW 4000K IP65 Black

Features & Benefits

- Up to 108 LpcW
- Driver less technology, instant start up
- Polycarbonate Diffuser: Suitable for food preparation
- 2M pre-wired H05RN-F cable for exterior applications
- ADC12 die-cast aluminium body, corrosion resistant, lightweight for easier installation
- Easy access installation with 55° angled Galvanized steel bracket, 110° beam angle
- This product contains a light source of energy efficiency class E



General Information

Mounting	Wall
Trade Name	Toughflood
Environment	Outdoor
Color Finish	Black
Product Shape	Rectangular
Product Range	Commercial Exterior
IK Rating	IK08
Overall Dimensions	322 x 265 x 38mm
Length (mm)	265
Width (mm)	307
Depth (mm)	38
Product Weight(kg)	1.8
Light Source	LED
Light Source Features	Neutral White
Recommended product location	Exterior, general security lighting
Method of fix	Mounting Bracket with suitable fixings (not supplied)
IP Rating	IP65
Origin of manufacturer	China
Warranty	3 Year Warranty (See Website for terms and conditions)

Driver manufacturer	No driver, mains LED Chips
LED manufacturer/type	Optoelectronics 2835
Lighting Product Type 1	Wall Light
Customs Tariff code**	9405421000

Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.51
Inrush current(Amps)	30A max peak
Operating Frequency Hz	50/60Hz
Luminaire Circuit Wattage1	100
Class	I
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Live, Earth and Neutral
Dimmable	No
Supplied cable rating	2M pre-wired H05RN-F

Thermals

Operating Temperature Range °C	-20 to +40
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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 Output1	10800
Lumens Per Circuit Watt1	108
Standard Deviation Colour Matching - SDCM	<6
Color Rendering Index	50-79
CRI: Ra	70
Correlated Colour Temperature1	4000K
Beam Angle °	110
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

Primary Material	ADC12 die-cast aluminium
Outer Diffuser	Opaque Polycarbonate

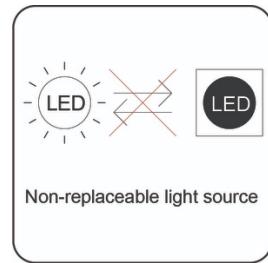
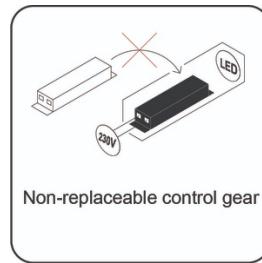
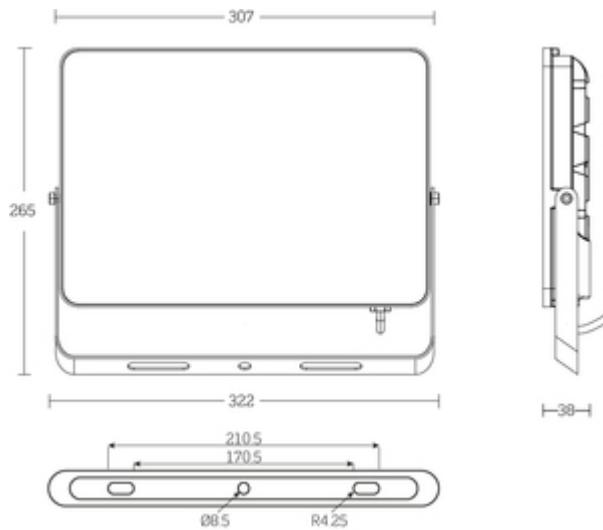
Packaging

Product carton overall dimensions(cm)	33 x 27 x 4.5 cm
Product Packaged Weight(kg)	2
Quantity Per Outer Carton	5
Outer carton(L)- cm	34.2

Outer carton(W)- cm	28.2
Outer carton(H)- cm	24.5
Outer carton Net weight- kg	10.00kg
Outer carton Gross weight- kg	10.50kg
Product Bar Code EAN-13 Number	5052544105982
Outer carton Bar Code ITF-14 Number	15052544105989

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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Version 243 [20/11/2025]