JC050007

Toughflood Commercial

Toughflood Commercial 150W 12500lm 84lpcW 4000K IP65 Black

Features & Benefits

- Up to 90 LpcW
- Driver less technology, instant start up
- Polycarbonate Diffusser: 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

General Information

Mounting	**Wall**
Environment	**Outdoor**
Product Range	**Commercial Exterior**
Trade Name	**Toughflood**
Color Finish	**Black**
Product Shape	**Rectangular**
Product Weight(kg)	**2.45**
Overall Dimensions	**378 x 313 x 38mm**
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	**2 years standard warranty extends to 3 years when registered within the first year of purchase (See Website for terms and conditions)**
Driver Manufacturer	**No driver, mains LED Chips**
LED Manufacturer/Type	**Optoelectronics 2835**

Lighting Product Type 1	**Wall Light**

Electrical

Voltage Rating	**220-240**
Primary Running Current(Amp)	**0.76**
Operating Frequency Hz	**50/60Hz**
Luminaire Circuit Wattage	**150**
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**

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 F**
Actual Lumen Output	**12500**
Lumens Per Circuit Watt	**84**
Standard Deviation Colour Matching - SDCM	**<6**
Color Rendering Index	**50-79**
CRI: Ra	**70**
Correlated Color Temperature	**4000K**
Beam Angle °	**110**
LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes**

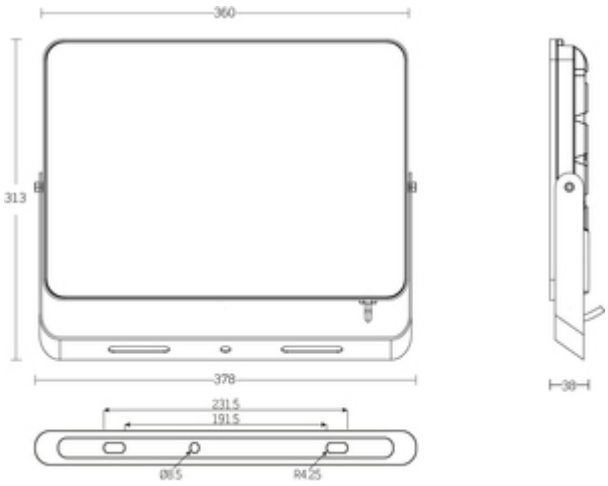
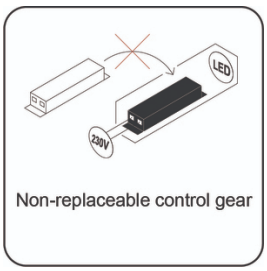
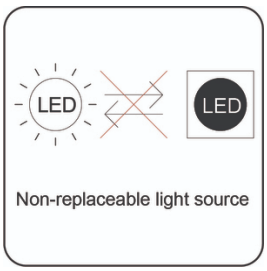
Construction

Primary Material	**ADC12 die-cast alumnium**
Outer Diffuser	**Opaque Polycarbonate**

Packaging

Product carton overall dimensions(cm)	**39.6 x 32 x 5 cm**
Product Packaged Weight(kg)	**2.7**
Quantity Per Outer Carton	**4**
Outer carton(L)- cm	**40.8**
Outer carton(W)- cm	**33.2**

Outer carton(H)- cm	**22.0**
Outer carton Net weight- kg	**10.80kg**
Outer carton Gross weight- kg	**11.50kg**
Product Bar Code EAN-13 Number	**5052544105999**
Outer carton Bar Code ITF-14 Number	**15052544105996**

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**