

JC050001

## Toughflood Asymmetric

Toughflood Asymmetric 80W 130lpW 4000K IP65 Grey

### Features & Benefits

- Asymmetric beam angle
- 80° x 150° beam angle which tilts downward at 60°
- IK08 impact rating
- Up to 120 LpcW
- 5 year warranty



### General Information

|                              |                                     |
|------------------------------|-------------------------------------|
| Mounting                     | Surface Mounted                     |
| Trade Name                   | Toughflood                          |
| Environment                  | Outdoor                             |
| Product Group                | Floodlight                          |
| Color Finish                 | Gray                                |
| Product Shape                | Rectangular                         |
| Product Range                | Exterior                            |
| IK Rating                    | IK08                                |
| Overall Dimensions           | 260 x 277 x 296 x 88mm              |
| Width (mm)                   | 296                                 |
| Height (mm)                  | 277                                 |
| Depth (mm)                   | 88                                  |
| Product Weight(kg)           | 3                                   |
| Light Source                 | LED                                 |
| Light Source Features        | Cool White                          |
| Recommended Product Location | Exterior, general security lighting |
| Method Of Fix                | Mounting Bracket                    |
| IP Rating                    | IP65                                |

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Origin of manufacturer  | Made in China                                          |
| Warranty                | 5 Year Warranty (See Website for terms and conditions) |
| Driver Manufacturer     | Sosen                                                  |
| LED Manufacturer/Type   | Jufei/3030                                             |
| Lighting Product Type 1 | Wall Light                                             |
| Customs Tariff code**   | 9405421000                                             |

## Electrical

|                                      |                             |
|--------------------------------------|-----------------------------|
| Voltage Rating                       | 220-240                     |
| Primary Running Current(Amp)         | 0.7                         |
| Operating Frequency Hz               | 50/60Hz                     |
| Secondary running current(mA)        | 1780-3200                   |
| Constant Current or Constant Voltage | CC                          |
| Luminaire Circuit Wattage            | 80                          |
| Class                                | I                           |
| Output Voltage Max/Range (VDC)       | 32-56                       |
| Total Harmonic Distortion (THD)%     | 10                          |
| EMC Compliant (EN55015)              | Yes                         |
| Power Factor Correction              | 0.9                         |
| Input Electrical Connections         | Live(L) Earth(E) Neutral(N) |
| Dimmable                             | No                          |

## Thermals

|                                |            |
|--------------------------------|------------|
| Thermal Cut Out                | yes        |
| Operating Temperature Range °C | -40 to +60 |

## Performance Data

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| LED Life (Hours)*            | 36000                                                             |
| Energy Rating                | This product contains a light source of energy efficiency class E |
| Actual Lumen Output          | 9200                                                              |
| Lumens Per Circuit Watt      | 115                                                               |
| Color Rendering Index        | 50-79                                                             |
| CRI: Ra                      | 70                                                                |
| Correlated Color Temperature | 4000K                                                             |
| Beam Angle °                 | Wide Flood                                                        |
| LOR (Light Output Ratio) %   | 100                                                               |
| Photometry Available         | Yes                                                               |

## Construction

|                  |                 |
|------------------|-----------------|
| Primary Material | Aluminium       |
| Outer Diffuser   | Toughened glass |
| Lens             | Polycarbonate   |
| Heat Sink        | Aluminium       |

Seal Material

Silicon

## Packaging

Product Packaged Weight(kg)

3.7

Quantity Per Outer Carton

4

Product Bar Code EAN-13 Number

5052544093548

## 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

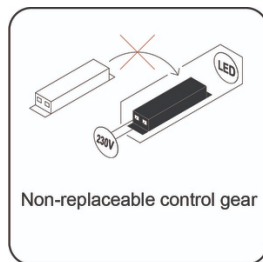
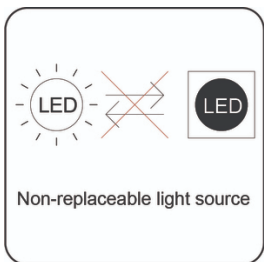
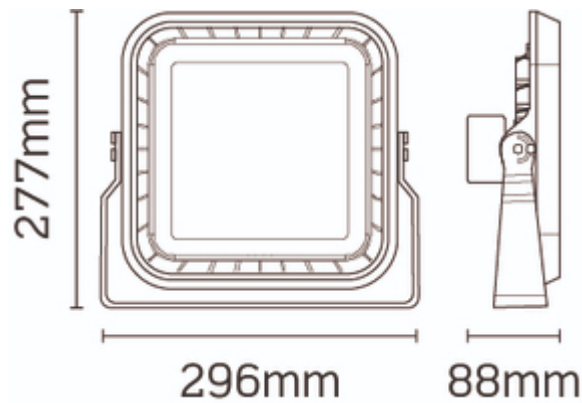
Yes

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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