

JC180001

ToughLED™ Pro

ToughLED™ Pro 1200mm 4ft Single 18W IP65 4000K FR

Features & Benefits

- High efficiency up to 145 lpcW
- 90° Lock-in-place side clip design, keeps clips clear during installation
- Detachable 4 pin terminal block with multiple positions adjacent to all cable entry points
- Inbuilt loop-in/loop-out cable restraints to ensure that cables do not clash when closing the fixture
- Plug & play emergency & microwave sensor modules with optional remote control
- Ultra-wide surface mount bracket rail to enable flexibility to locate joists
- Wide body for retrofitting BESA conduit box mounting, with rear, side and end conduit entry points
- Unique rear IP65 gasket, sealing cable entry from within the fixture for surface mounting applications
- 4ft, 5ft, 6ft single and twin light outputs in both opal and prismatic diffuser options
- Microwave step dimmable, DALI and 1-10V dimmable options available
- 5-year extended warranty on fixture and batteries, which uses LifePO4 batteries for improved performance and life











RATING



WARRANTY

General Information

Mounting

Environment

Suitable For Zones

Product Group

Product Range

IK Rating

Trade Name

Color Finish

Product Shape

Product Weight(kg)

Overall Dimensions

Light Source

Recommended Product Location

Surface or Suspended

Suitable for exterior and interior applications

Zone 1

LED - Surface

ToughLED™ Pro

IK08

ToughLED™ Pro

Grey

Rectangular

1.45

1270 x 96 x 81.3

LED

Wall or Ceiling Mount or suspended, suitable for a wide variety of applications. Including Warehouses/storage

facilities. Car parks and manufacturing.

Method Of Fix

Mounting Brackets, Suspension chains or conduit mounting

Distance From Lighted Object 0.3m

IP Rating IP65

Origin of manufacturer Made in China

2 years standard warranty extends to 5 years when

Warranty registered within the first year of purchase (See Website for

terms and conditions)

Driver Manufacturer JCC

LED Manufacturer/Type BMTC/2835

Electrical

Voltage Rating 220-240

Primary Running Current(Amp) 0.2

Inrush current(Amps) 4

Operating Frequency Hz 50/60Hz

Secondary running current(mA) 350

Constant Current or Constant Voltage CC

Luminaire Circuit Wattage 18

Class

Output Voltage Max/Range (VDC) 66VDC max

Total Harmonic Distortion (THD)% <20
EMC Compliant (EN55015) Yes

Power Factor Correction 0.9

Input Electrical Connections Live, Earth, Neutral

Dimmable No.

Thermals

Thermal Cut Out Yes

Operating Temperature Range °C -20 to +50

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

С

7.6) 1.63.1.6

Actual Lumen Output 2600

Lumens Per Circuit Watt 144

Standard Deviation Colour Matching - SDCM <5

Color Rendering Index 80-89

CRI: Ra

Correlated Color Temperature 4000K

Beam Angle ° 120

LOR (Light Output Ratio) %

Photometry Available

100

Yes: available on request.

Construction

Primary Material Polycarbonate
Outer Diffuser Polycarbonate
Driver Housing Polycarbonate

Packaging

Product carton overall dimensions(cm) 127.5 x 10 x 8.5 Product Packaged Weight(kg) 1.61 Quantity Per Outer Carton 9 Outer carton(L)- cm 129 Outer carton(W)- cm 31.5 Outer carton(H)- cm 27 Outer carton Net weight-kg 14.45 Outer carton Gross weight-kg 15.25

 Product Bar Code EAN-13 Number
 5052544110221

 Outer carton Bar Code ITF-14 Number
 15052544110228

Standards & Approvals

Manufactured In Accordance To BS EN 60598:2015, 2-1

CE Marked Yes
UKCA Marked Yes

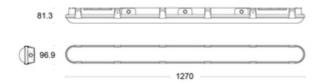
Date code/Purchase order No.

Yes

WEEE Symbol Yes

Certificate Of Conformity Available on request

Accredited Members LIA, ISO9001-2015, ISO14001-2015





































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