

JC180057

ToughLED™ Pro

ToughLED™ Pro 1500mm 5ft Twin 57W IP65 4000K WOP

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



BEAM



CLASS I



CRI:RA



RATING



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

1.80

1570 x 96 x 81.3

LED

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

Method Of Fix	facilities. Car parks and manufacturing.
Distance From Lighted Object	Mounting Brackets, Suspension chains or conduit mounting
IP Rating	0.3m
Origin of manufacturer	IP65
	Made in China
Warranty	2 years standard warranty extends to 5 years when 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)	0.4
Inrush current(Amps)	16
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	1000
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	57
Class	I
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 D
Actual Lumen Output	7300
Lumens Per Circuit Watt	128
Standard Deviation Colour Matching - SDCM	<5
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	4000K
Beam Angle °	120

LOR (Light Output Ratio) %	100
Photometry Available	Yes: available on request.

Construction

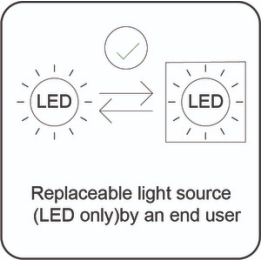
Primary Material	Polycarbonate
Outer Diffuser	Polycarbonate
Driver Housing	Polycarbonate

Packaging

Product carton overall dimensions(cm)	157.5 x 10 x 8.5
Product Packaged Weight(kg)	2.01
Quantity Per Outer Carton	9
Outer carton(L)- cm	159
Outer carton(W)- cm	31.5
Outer carton(H)- cm	27
Outer carton Net weight- kg	18.06
Outer carton Gross weight- kg	18.96
Product Bar Code EAN-13 Number	5052544110290
Outer carton Bar Code ITF-14 Number	15052544110297

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, ISO14001-2085







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