

JC180108

ToughLED Pro CCT

ToughLED™ Pro 4ft 19/25/31/37W 3000K/4000K/5700K IP66 WOP

Features & Benefits

- Multi Wattage and CCT selectable
- 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 IP66 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
- High efficiency up to 165 lpcW, IP66, IK10
- 5-year extended warranty on fixture and batteries























General Information

Mounting

Trade Name

Environment

Suitable For Zones

Product Group

Color Finish

Product Shape

Product Range

IK Rating

Surface or Suspended

ToughLED™ Pro

Suitable for exterior and interior applications

Zone 1

LED - Surface

Grey

Rectangular

ToughLED™ Pro

IK10

Overall Dimensions 1270 x 96 x 81.3

Length (mm) 1270

Width (mm) 96

Height (mm) 81.3

Product Weight(kg) 1.45
Light Source LED

Light Source Features 3 CCT Selectable

Wall or Ceiling Mount or suspended, suitable for a wide

Recommended product location 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 IP66

Origin of manufacturer Made in China

Warranty (See Website for terms and conditions)

Driver manufacturer JCC

LED manufacturer/type Runlite/2835

Customs Tariff code** 9405494000

Electrical

Voltage Rating 220-240

Primary Running Current(Amp) 0.2

Inrush current(Amps) <20A @240V

Operating Frequency Hz 50/60

Secondary running current(mA) 350/450/550/650

Constant Current or Constant Voltage Constant Current

Luminaire Circuit Wattage119Luminaire Circuit Wattage225Luminaire Circuit Wattage331Luminaire Circuit Wattage437

Class

Output Voltage Max/Range (VDC)

Total Harmonic Distortion (THD)%

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)* 102000

Energy Rating	This product contains a light source of energy efficiency
	class B
Actual Lumen Output1	3100
Actual Lumen Output2	4000
Actual Lumen Output3	4800
Actual Lumen Output4	5550
Lumens Per Circuit Watt1	163
Lumens Per Circuit Watt2	160
Lumens Per Circuit Watt3	155
Lumens Per Circuit Watt4	150
Standard Deviation Colour Matching - SDCM	< 5
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	3000
Correlated Colour Temperature2	4000
Correlated Colour Temperature3	5700
Beam Angle °	120
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

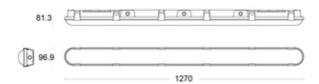
Primary Material	Polycarbonate
Outer Diffuser	Polycarbonate
Driver Housing	Polycarbonate

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	5052544129766
Outer carton Bar Code ITF-14 Number	15052544129763

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









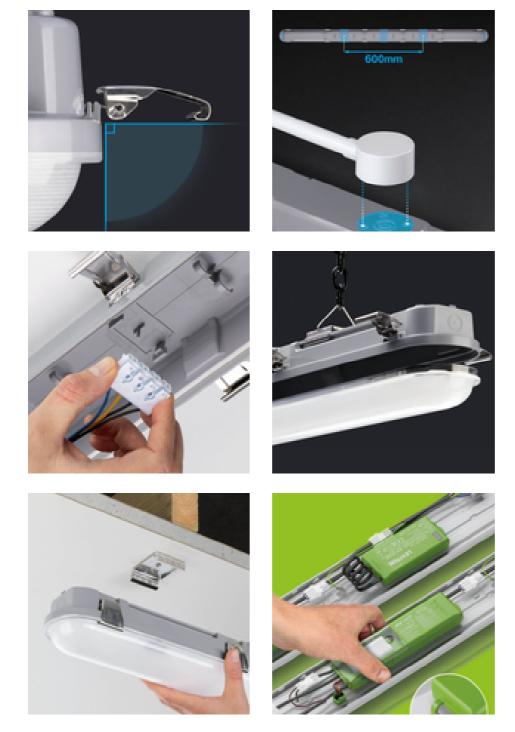




















*Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.

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JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT. Sales: 01243 838999 (8am to 5pm Monday to Friday) Fax: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk Company Registration Number: 03044848 | VAT Number: 918544112

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