

# JC71931/30X60EM

## Toughbay Linear Emergency

Toughbay Linear 100W 30° x 60° Beam 1-10V Dimmable Emergency

### Features & Benefits

- Ultra efficient up to 140 lumens per circuit Watt
- IP65 protection against dust and moisture
- Multiple lenses available
- 1-10V dimmable as standard
- 30°x 60°, 50° and 80° lens option
- suitable for racking applications
- Step dimming available with remote control



Remote pack not shown- see profile drawing for dimensions



CLASS I



DIMMABLE



RATING



EMERGENCY



BEAM



CRI:RA



WARRANTY

### General Information

Mounting

Environment

Suitable For Zones

Product Group

Product Range

Trade Name

Color Finish

Product Shape

Product Weight(kg)

Overall Dimensions

Light Source

Light Source Features

Luminaire Accessories

Recommended Product Location

Method Of Fix

Distance From Lighted Object

IP Rating

Origin of manufacturer

Surface Mounted

Indoor

Zone 1

LED - Surface

Toughbay™ Linear

Toughbay

Black

Rectangular

5.7

503mm x 125mm x 156mm

LED

Crisp White

Suspended chains + hook

Warehouse applications

Suspension eye

0.3m

IP65

Made in China

Warranty	2 years standard warranty extends to 7 years when registered within the first year of purchase (2 year on batteries)(See Website for terms and conditions)
Dimming Protocol Compatibility	1-10V
Driver Manufacturer	Philips Xitanium
LED Manufacturer/Type	Philips Lumileds 3030
Lighting Product Type 1	Linear Lighting
Lighting Product Type 2	Emergency Lighting

## Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.46 - 0.55
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	1050
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	100
Class	II
Total Harmonic Distortion (THD)%	10
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.95
Input Electrical Connections	Switched live(brown), un/switched live(black)neutral(blue) earth(yellow/green)
Dimmable	Yes

## Emergency Data

Load Voltage(DC)	90-200
LOR % in Emergency Mode	6.34
Inverter PFC	0.88

## Battery Data

Battery Specification	7.2V 4Ah NiCd 6 Cells
Battery Type	NiCd
Nominal Battery Current	1.1 Amp
Charge Current	140mA NOM
Recharge Time	24 hours

## Thermals

Operating Temperature Range °C	-30 to +60
--------------------------------	------------

## Performance Data

LED Life (Hours)	50000
------------------	-------

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	14000
Lumens Per Circuit Watt	140 LpcW
Standard Deviation Colour Matching - SDCM	<6
Color Rendering Index	50-79
CRI: Ra	70
Correlated Color Temperature	5700K
Beam Angle °	30x60
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Controls and Sensors

Overload Protection	yes, Auto reset
---------------------	-----------------

Construction

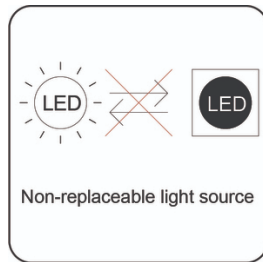
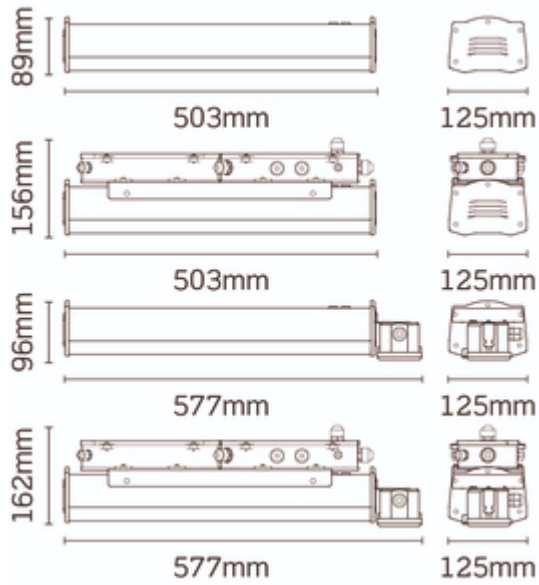
Primary Material	Aluminium
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Aluminium

Packaging

Product Packaged Weight(kg)	6.1
Product Bar Code EAN-13 Number	5052544099670

Standards & Approvals

Manufactured In Accordance To	BS 60598-1-2015, 2-22
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



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](mailto:sales@jcc.co.uk) | [www.jcc.co.uk](http://www.jcc.co.uk)  
 Company Registration Number: 03044848 | VAT Number: 918544112

This document is uncontrolled if printed, all information is subject to change

Version 107 [07/12/2022]