

# JC71933/80EM

## Toughbay Linear Emergency

Toughbay Linear 200W 80° 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



EM pack not shown- see profile drawing for dimensions



CLASS I



DIMMABLE EMERGENCY



BEAM 80°



WARRANTY 7yr



CRI:RA 70



RATING IP 65

### General Information

Mounting

**Surface Mounted**

Environment

**Indoor**

Suitable For Zones

**Zone 1**

Product Group

**LED - Surface**

Product Range

**Toughbay™ Linear**

Trade Name

**Toughbay**

Color Finish

**Black**

Product Shape

**Rectangular**

Overall Dimensions

**991mm x 125mm x 156mm**

Light Source

**LED**

Light Source Features

**Crisp White**

Luminaire Accessories

**Suspended chains + hook**

Recommended Product Location

**Warehouse applications**

Method Of Fix

**Suspension eye**

Distance From Lighted Object

**0.3m**

IP Rating

**IP65**

Origin of manufacturer

**Made in China**

Warranty

**2 years standard warranty extends to 7 years when**

Dimming Protocol Compatibility  
Driver Manufacturer  
LED Manufacturer/Type  
Lighting Product Type 1  
Lighting Product Type 2

registered within the first year of purchase (2 year on batteries)(See Website for terms and conditions)  
**1-10V**  
**Philips Xitanium**  
**Philips Lumileds 3030**  
**Linear Lighting**  
**Emergency Lighting**

## Electrical

Voltage Rating **220-240**  
Operating Frequency Hz **50/60Hz**  
Luminaire Circuit Wattage **200W**  
Class **II**  
Total Harmonic Distortion (THD)% **< 10%**  
EMC Compliant (EN55015) **Yes**  
Power Factor Correction **0.95 @ 230V~**  
Input Electrical Connections **Switched live(brown), un/switched live(black)neutral(blue) earth(yellow/green)**  
Dimmable **Yes**

## Emergency Data

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

Max Luminaire Ambient Temp. **45°C**

## 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 **28000**  
Lumens Per Circuit Watt **140 LpcW**  
Standard Deviation Colour Matching - SDCM **< 6**  
Color Rendering Index **50-79**

CRI: Ra  
Correlated Color Temperature  
LOR (Light Output Ratio) %  
Photometry Available

70  
5700K  
100  
Yes

## Controls and Sensors

Overload Protection

yes, Auto reset

## Construction

Primary Material  
Lens  
Heat Sink  
Driver Housing

Aluminum  
Polycarbonate  
Aluminium  
Aluminium

## Packaging

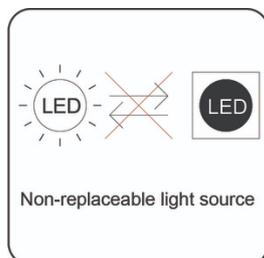
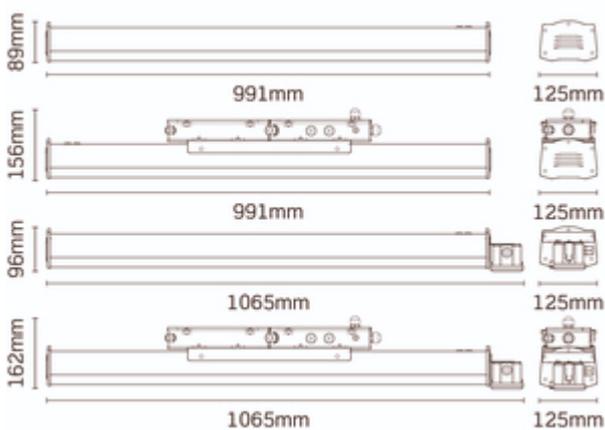
Product Bar Code EAN-13 Number

5052544099830

## Standards & Approvals

Manufactured In Accordance To  
CE Marked  
UKCA Marked  
WEEE Symbol  
Certificate Of Conformity  
Accredited Members

BS 60598-1-2015, 2-22  
Yes  
Yes  
Yes  
Available on request  
LIA, ISO9001-2015, ISO14001-2015



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