

# JC71933/80MWEM

## Toughbay Linear Emergency

Toughbay Linear 200W 80° Beam Microwave Dimming 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 & sensor not shown- see profile drawing for dimensions



CLASS I



DIMMABLE EMERGENCY



BEAM



WARRANTY



SENSING



RATING



CRI:RA

### General Information

Mounting

Environment

Suitable For Zones

Product Group

Product Range

Trade Name

Color Finish

Product Shape

Overall Dimensions

Light Source

Light Source Features

Luminaire Accessories

Recommended Product Location

Method Of Fix

Distance From Lighted Object

IP Rating

Origin of manufacturer

Warranty

Surface Mounted

Indoor

Zone 1

LED - Surface

Toughbay™ Linear

Toughbay

Black

Rectangular

1065mm x 125mm x 162mm

LED

Crisp White

Suspended chains + hook

Warehouse applications

Suspension eye

0.3m

IP65

Made in China

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

Electrical

Voltage Rating220-240

Operating Frequency Hz50/60Hz

Luminaire Circuit Wattage200W

ClassII

Total Harmonic Distortion (THD)%<10%

EMC Compliant (EN55015)Yes

Power Factor Correction0.95 @ 230V~

Input Electrical ConnectionsSwitched live(brown), un/switched live(black)neutral(blue)  
earth(yellow/green)

DimmableYes

Emergency Data

Inverter PFC0.88

Battery Data

Battery Specification7.2V 4Ah NiCd 6 Cells

Battery TypeNiCd

Nominal Battery Current1.1 Amp

Charge Current140mA NOM

Recharge Time24 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 RatingThis product contains a light source of energy efficiency class D

Actual Lumen Output28000

Lumens Per Circuit Watt140 LpcW

Standard Deviation Colour Matching - SDCM<6

Color Rendering Index50-79

|                              |       |
|------------------------------|-------|
| CRI: Ra                      | 70    |
| Correlated Color Temperature | 5700K |
| LOR (Light Output Ratio) %   | 100   |
| Photometry Available         | Yes   |

Controls and Sensors

|                                    |  |
|------------------------------------|--|
| Detection Motion Speed             | 0.5~3m/s   |
| Installation Height                | 3-15M  |
| Overload Protection                | yes, Auto reset                                      |
| Occupancy Sensor Mode of Operation | Vacancy (Default) or Auto On                         |
| Detection Area                     | 8M Max   |
| Detection Angle                    | 150° (wall installation) 360° (ceiling installation) |
| Microwave Frequency                | 5.8GHz+75MHz, ISM wave band                          |
| Transmitting Power                 | <0.5mW   |
| Control                            | Microwave  |

Construction

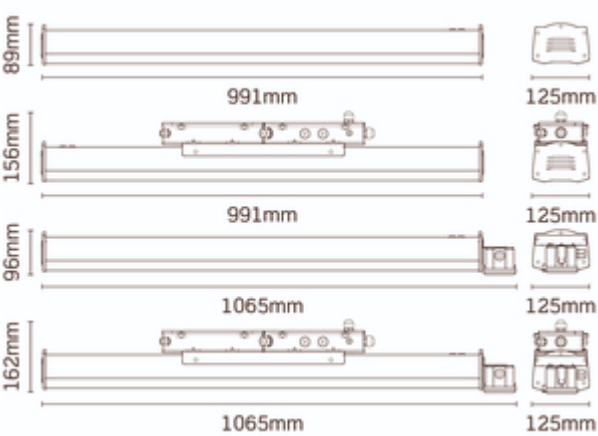
|                  |               |
|------------------|---------------|
| Primary Material | Aluminum      |
| Lens             | Polycarbonate |
| Heat Sink        | Aluminium     |
| Driver Housing   | Aluminium     |

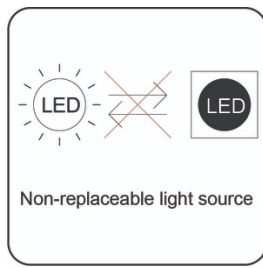
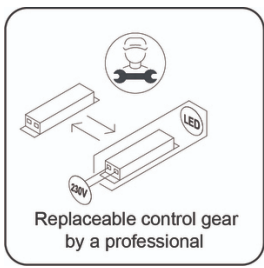
Packaging

|                                |               |
|--------------------------------|---------------|
| Product Bar Code EAN-13 Number | 5052544099847 |
|--------------------------------|---------------|

Standards & Approvals

|                               |                                  |
|-------------------------------|----------------------------------|
| Manufactured In Accordance To | BS 60598-1-2015, 2-22            |
| CE Marked                     | Yes                              |
| UKCA Marked                   | 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 86 [07/12/2022]