

# JC71931/80

## Toughbay Linear

Toughbay Linear 100W 80° Beam 1-10V Dimmable

### 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



CRI:RA



WARRANTY



BEAM



RATING



CLASS I



DIMMABLE

### 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

**503mm x 125mm x 89mm**

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

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

## Electrical

Voltage Rating **220-240**  
Operating Frequency Hz **50/60Hz**  
Luminaire Circuit Wattage **100W**  
Class **Class 1, must be earthed**  
Total Harmonic Distortion (THD)% **<10%**  
EMC Compliant (EN55015) **Yes**  
Power Factor Correction **0.95 @ 230V~**  
Input Electrical Connections **Live, Earth, Neutral**  
Dimmable **Yes**

## 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 **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**  
LOR (Light Output Ratio) % **100**  
Photometry Available **Yes**

## Controls and Sensors

Overload Protection **yes, Auto reset**

## Construction

Primary Material **Aluminum**  
Lens **Polycarbonate**  
Heat Sink **Aluminium**

## Packaging

Quantity Per Outer Carton

1

Product Bar Code EAN-13 Number

5052544082238

## Standards & Approvals

Manufactured In Accordance To

BS 60598-1-2015-2-1

CE Marked

Yes

UKCA Marked

Yes

WEEE Symbol

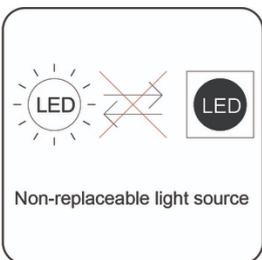
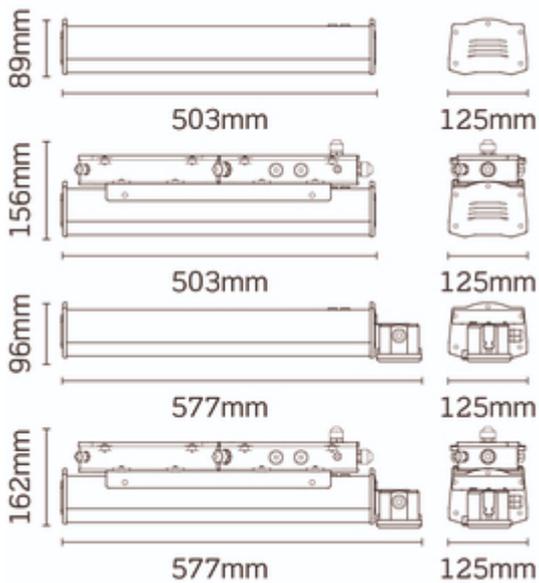
Yes

Certificate Of Conformity

Available on request

Accredited Members

LIA, ISO9001-2015, ISO14001-2015



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