

JC71931/50MW

Toughbay Linear Emergency

Toughbay Linear 100W 50° Beam Microwave Dimming

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



SENSING



WARRANTY



BEAM



EMERGENCY



DIMMABLE



RATING



CLASS I

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 **II**
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

Detection Motion Speed **0.5~3m/s**
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

Quantity Per Outer Carton

1

Product Bar Code EAN-13 Number

5052544082221

Standards & Approvals

Manufactured In Accordance To

EN 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



