

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	registered within the first year of purchase (See Website for terms and conditions)
Driver Manufacturer	1-10V
LED Manufacturer/Type	Philips Xitanium
Lighting Product Type 1	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
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Performance Data

LED Life (Hours)	50000
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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

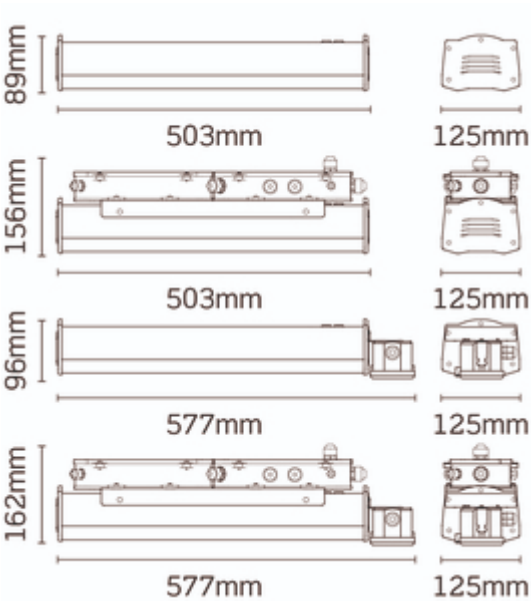
Control	Microwave
Construction	
Primary Material	Aluminum
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Aluminium


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





Non-replaceable light source



Replaceable control gear
by a professional

