

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

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

503mm x 125mm x 89mm

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

	registered within the first year of purchase (See Website for terms and conditions)
Dimming Protocol Compatibility	1-10V
Driver Manufacturer	Philips Xitanium
LED Manufacturer/Type	Philips Lumileds 3030
Lighting Product Type 1	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
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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
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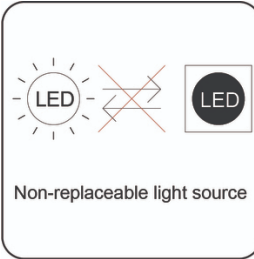
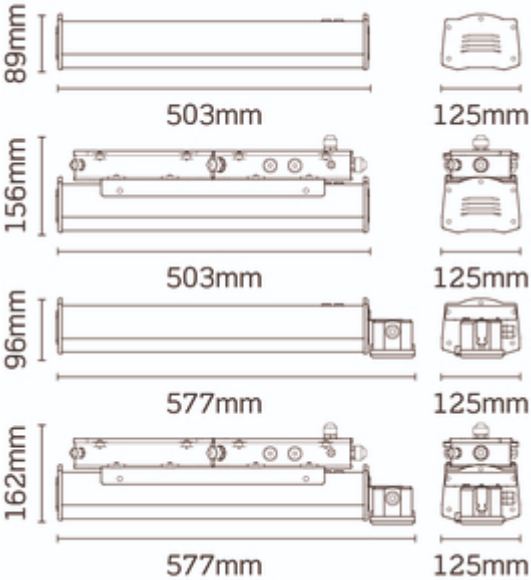
Construction

Primary Material	Aluminum
Lens	Polycarbonate
Heat Sink	Aluminium

Driver Housing	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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