

# JC71931/30X60

## Toughbay Linear

Toughbay Linear 100W 30° x 60° 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 DIMMABLE



CLASS I



BEAM



RATING

### General Information

Mounting

Environment

Suitable For Zones

Product Group

Product Range

Trade Name

Color Finish

Product Shape

Product Weight(kg)

Overall Dimensions

Light Source

Light Source Features

Luminaire Accessories

Recommended Product Location

Method Of Fix

Distance From Lighted Object

IP Rating

Origin of manufacturer

Surface Mounted

Indoor

Zone 1

LED - Surface

Toughbay™ Linear

Toughbay

Black

Rectangular

3.2

503mm x 125mm x 89mm

LED

Crisp White

Suspended chains + hook

Warehouse applications

Suspension eye

0.3m

IP65

Made in China

Warranty	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
Primary Running Current(Amp)	0.46 - 0.55
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	1050
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	100
Class	I
Total Harmonic Distortion (THD)%	10
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.95
Input Electrical Connections	Live, Earth, Neutral
Dimmable	Yes

## Thermals

Operating Temperature Range °C	-30 to +60
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## Performance Data

LED Life (Hours)	50000
<p>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.</p>	
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
Beam Angle °	30x60
LOR (Light Output Ratio) %	100
Photometry Available	Yes

## Controls and Sensors

Overload Protection	yes, Auto reset
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Construction

Primary Material  
Lens  
Heat Sink  
Driver Housing

Aluminium  
Polycarbonate  
Aluminium  
Aluminium

Packaging

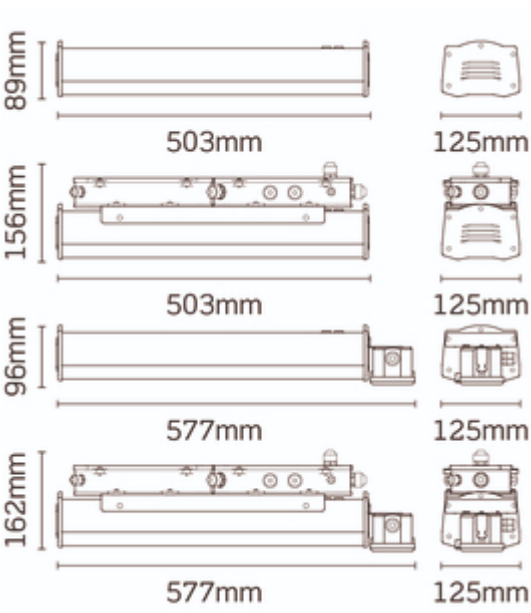
Product Packaged Weight(kg)  
Quantity Per Outer Carton  
Product Bar Code EAN-13 Number

3.6  
1  
5052544081422

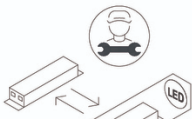
Standards & Approvals

Manufactured In Accordance To  
CE Marked  
UKCA Marked  
Date code/Purchase order No.  
WEEE Symbol  
Certificate Of Conformity  
Accredited Members

EN 60598-1-2015-2-1  
Yes  
Yes  
Yes  
Yes  
Available on request  
LIA, ISO9001-2015, ISO14001-2015



Non-replaceable light source



Replaceable control gear  
by a professional

