

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

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

Product Weight(kg)

3.2

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 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
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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
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

Aluminium

Lens

Polycarbonate

Heat Sink

Aluminium

Driver Housing

Aluminium

Packaging

Product Packaged Weight(kg)

3.6

Quantity Per Outer Carton

1

Product Bar Code EAN-13 Number

5052544081422

Standards & Approvals

Manufactured In Accordance To

EN 60598-1-2015-2-1

CE Marked

Yes

UKCA Marked

Yes

Date code/Purchase order No.

Yes

WEEE Symbol

Yes

Certificate Of Conformity

Available on request

Accredited Members

LIA, ISO9001-2015, ISO14001-2015



