JC71931/50

Toughbay Linear

Toughbay Linear 100W 50° 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

70 CRI:RA	7yr WARRANTY	50° BEAM	DIMMABLE	CLASS I	IP 65 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**

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**
Beam Angle °	**50**
LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes**

Controls and Sensors

Installation Height	**3-15M**
Overload Protection	**yes, Auto reset**

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	**5052544082214**

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**

89mm
503mm
125mm

156mm
503mm
125mm

96mm
577mm
125mm

162mm
577mm
125mm
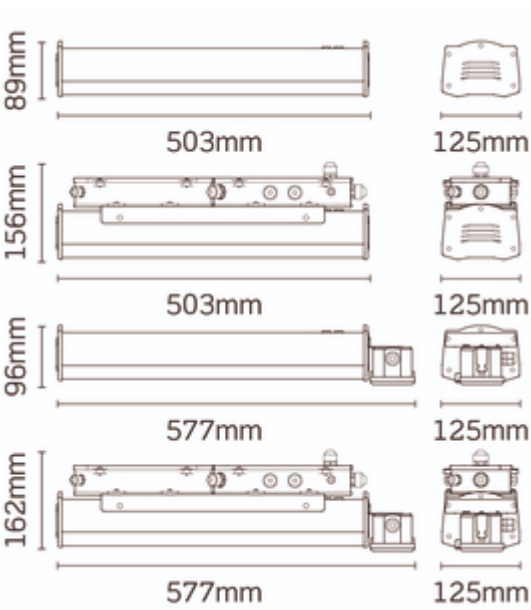
Non-replaceable light source
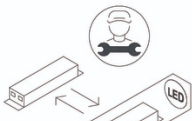
Replaceable control gear
by a professional