

JC71933/30X60EM

Toughbay Linear Emergency

Toughbay Linear 200W 30° x 60° Beam 1-10V Dimmable Emergency

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



EM pack not shown- see profile drawing for dimensions



CLASS I



DIMMABLE EMERGENCY



BEAM



WARRANTY



CRI:RA



SENSING



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)

7.7

Overall Dimensions

991mm x 125mm x 156mm

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 (2 year on batteries)(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
Lighting Product Type 2	Emergency Lighting

Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.9 - 1.2
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	1050
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	200
Class	II
Total Harmonic Distortion (THD)%	10
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.95
Input Electrical Connections	Switched live(brown), un/switched live(black)neutral(blue) earth(yellow/green)
Dimmable	Yes

Emergency Data

Load Voltage(DC)	90-200
LOR % in Emergency Mode	3.17
Inverter PFC	0.88

Battery Data

Battery Specification	7.2V 4Ah NiCd 6 Cells
Battery Type	NiCd
Nominal Battery Current	1.1 Amp
Charge Current	140mA NOM
Recharge Time	24 hours

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	28000
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

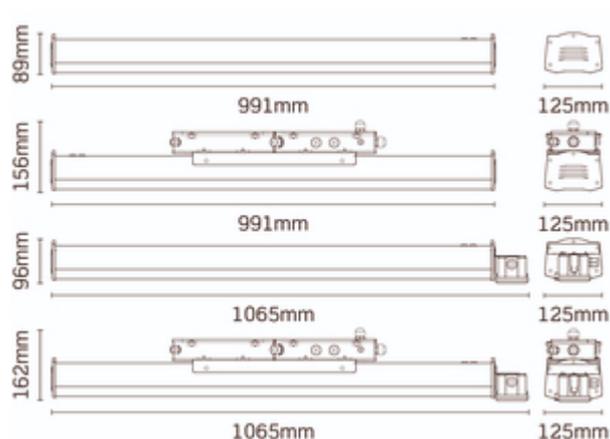
Primary Material	Aluminium
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Aluminium

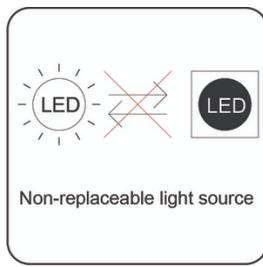
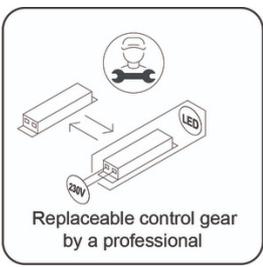
Packaging

Product Packaged Weight(kg)	8.4
Product Bar Code EAN-13 Number	5052544099793

Standards & Approvals

Manufactured In Accordance To	BS 60598-1-2015, 2-22
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





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