

JC040046

Toughbay non-dim Emergency

Toughbay 200W 120° 5700K IP65 Non-Dimmable Emergency

Features & Benefits

- 120° beam angle
- Non-dimmable
- Comes pre-wired with 2m flex
- Emergency options available
- M/W on/off options available
- IP65 & IK10 rated for harsh environments
- -30° to +45° operating temperature



RATING



CRI:RA



CLASS I



BEAM



EMERGENCY



RATING



WARRANTY

General Information

Mounting	Suspended
Trade Name	Toughbay™
Environment	Demanding
Suitable For Zones	Zone 1
Product Group	Toughbay™
Color Finish	Black
Product Shape	Round
Product Range	Highbay Lowbay
IK Rating	IK10
Overall Dimensions	282Ø x 208mm
Product Weight(kg)	5.55
Light Source	LED
Light Source Features	Crisp White
Recommended Product Location	Industrial applications, warehouse, retail and mezzanine
Method Of Fix	Suspension eye
IP Rating	IP65
Origin of manufacturer	Made in China
Warranty	2 years standard warranty extends to 5 years when

Mounting Height	registered within the first year of purchase (See Website for terms and conditions)
Driver Manufacturer	7m for 150-200 lux: Please note this is to be used as a rough guide and does not replace the need for a lighting design
LED Manufacturer/Type	Lifud
Lighting Product Type 1	Refond 3030
Lighting Product Type 2	Bay Light
Lighting Product Type 3	Ceiling Mount
	Emergency Lighting

Electrical

Voltage Rating	200-240
Primary Running Current(Amp)	1.1
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	900
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	200
Class	I
Total Harmonic Distortion (THD)%	15
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	No

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	Nickel Cadmium
Nominal Battery Current	1.1 Amp
Charge Current	140mA NOM
Recharge Time	24 hours

Thermals

Thermal Cut Out	yes, auto recovery
Operating Temperature Range °C	-40 to +60

Performance Data

LED Life (Hours)	54000
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 E
Actual Lumen Output	24000
Lumens Per Circuit Watt	120 LpcW
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	5700K
Beam Angle °	120
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

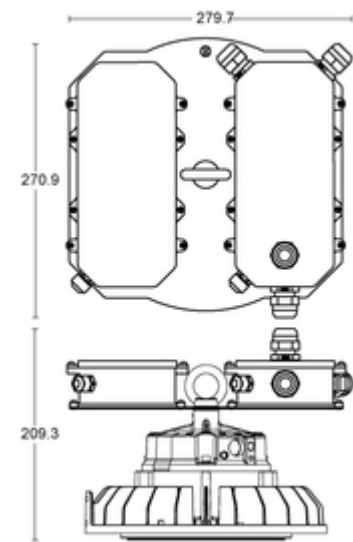
Primary Material	Aluminium
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Aluminium

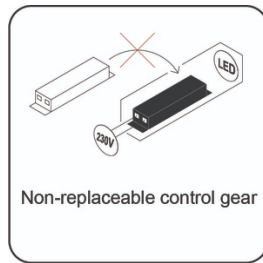
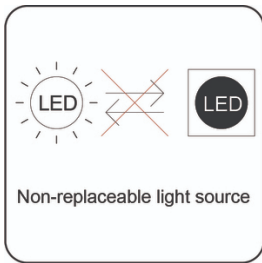
Packaging

Product Bar Code EAN-13 Number	5052544093487
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Standards & Approvals

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





JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT.
Sales: 01243 838999 (8am to 5pm Monday to Friday) Fax: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk
Company Registration Number: 03044848 | VAT Number: 918544112

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