

JC040041

Toughbay non-dim

Toughbay 100W 120° 5700K IP65 Non-Dimmable

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



RATING



BEAM



CLASS I



WARRANTY



CRI:RA

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	239Ø x 171mm
Product Weight(kg)	2.27
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 registered within the first year of purchase (2 year on batteries) (See Website for terms and conditions)
Mounting Height	7m for 150-200 lux: Please note this is to be used as a rough

Driver Manufacturer

LED Manufacturer/Type

Lighting Product Type 1

Lighting Product Type 2

guide and does not replace the need for a lighting design

Lifud

Refond 3030

Bay Light

Ceiling Mount

Electrical

Voltage Rating200-240

Primary Running Current(Amp)0.7

Operating Frequency Hz50/60Hz

Secondary running current(mA)500

Constant Current or Constant VoltageCC

Luminaire Circuit Wattage100

ClassI

Total Harmonic Distortion (THD)%15

EMC Compliant (EN55015)yes

Power Factor Correction0.95

Input Electrical Connectionslive(brown) neutral(blue) earth(yellow/green)

DimmableNo

Thermals

Thermal Cut Outyes, auto recovery

Operating Temperature Range °C-30 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 RatingThis product contains a light source of energy efficiency class E

Actual Lumen Output12000

Lumens Per Circuit Watt120 LpcW

Color Rendering Index80-89

CRI: Ra80

Correlated Color Temperature5700K

Beam Angle °120

LOR (Light Output Ratio) %100

Photometry AvailableYes

Construction

Primary MaterialAluminium

LensPolycarbonate

Heat SinkAluminium

Driver HousingAluminium

Packaging

Quantity Per Outer Carton	4
Outer carton(L)- cm	54.5
Outer carton(W)- cm	54.5
Outer carton(H)- cm	24.5
Outer carton Net weight- kg	9
Outer carton Gross weight- kg	11.9
Product Bar Code EAN-13 Number	5052544093432
Outer carton Bar Code ITF-14 Number	15052544093439

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



