

JC040005

Toughbay Retrofit 100W 90° 5700K IP65 G2



Features & Benefits

- Ultra efficient, 123 Lumens per circuit Watt
- 1-10V dimmable as standard
- Suitable for extreme operating temperatures, -30° to +60°
- Step dimmable available with microwave version and remote control
- High CRI of 80, ensuring a true representation of colour throughout its life
- Multiple lenses available for 60° and 90° beam angles
- Emergency versions available

General Information

Product Group	Toughbay™ Retrofit
Product Range	Toughbay™ Circular Retrofit
Trade Name	Toughbay
Light Source	LED
Light Source Features	Crisp White
Lighting Product Type	Bay Light

JCC Lighting

Innovation Centre, Beeding Close, Southern Cross
Trading Estate, Bognor Regis, West Sussex, PO22 9TS
Company Registration Number: 03044848 | VAT Number: 918544112
T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

Lighting Product Type	Ceiling Mount
Product Shape	Round
Mounting	Suspended
Product Weight	2.1kg
Color Finish	Black
Overall Dimensions	260Ø x 162mm
Recommended Product Location	Industrial applications, warehouse, retail and mezzanine
Method Of Fix	Suspension eye or surface mount bracket JC040049
IP Rating	IP65
Environment	Demanding
Suitable For Zones	Zone 1
Luminaire Accessories	Surface mount bracket JC040049, Microwave Sensor Remote control LEV71805
Distance From Lighted Object	0.3m
Origin Of Manufacture	Made in China
Guarantee	5 year warranty
Dimming Protocol Compatibility	1-10V
Mounting Height	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
Driver Manufacturer	Lifud
LED Manufacturer/Type	Jufei 3030

Electrical

Voltage Rating	220-240
Secondary Running Current	0.75-1amp
Primary Running Current	1.4Amp max
Operating Frequency (Hz)	50/60Hz
CC or CV	CC
Luminaire Circuit Wattage	100W

JCC Lighting

Innovation Centre, Beeding Close, Southern Cross
Trading Estate, Bognor Regis, West Sussex, PO22 9TS
Company Registration Number: 03044848 | VAT Number: 918544112
T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

Class	Class 1, must be earthed
Output Voltage (V)	80-130VDC
Total Harmonic Distortion (THD)%	<15%
Power Factor Correction	0.95 @ 230V~
Input Electrical Connections	live(brown) neutral(blue) earth(yellow/green)
Dimmable	Yes

Thermals

Room Ambient Temperature	45°C
Max Luminaire Ambient Temp.	45°C
Max Driver/Ballast Ambient Temp.	from -30°C to 60°C
Thermal Cut Out	Yes(auto restart)

Performance Data

Energy Rating	A+
Actual Lumen Output	12300
Lumens Per Circuit Watt	123 LpcW
Standard Deviation Colour Matching - SDCM	<6
LED Life (Hours)	36000
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	5700K
Light Distribution Detail	90-degree
LOR (Light Output Ratio) %	100%
Photometry Available	Yes

Construction

Primary Material	Aluminium
Lens	Polycarbonate

JCC Lighting

Innovation Centre, Beeding Close, Southern Cross
Trading Estate, Bognor Regis, West Sussex, PO22 9TS
Company Registration Number: 03044848 | VAT Number: 918544112
T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

Heat Sink	Aluminium
Driver Housing	Aluminium

Packaging

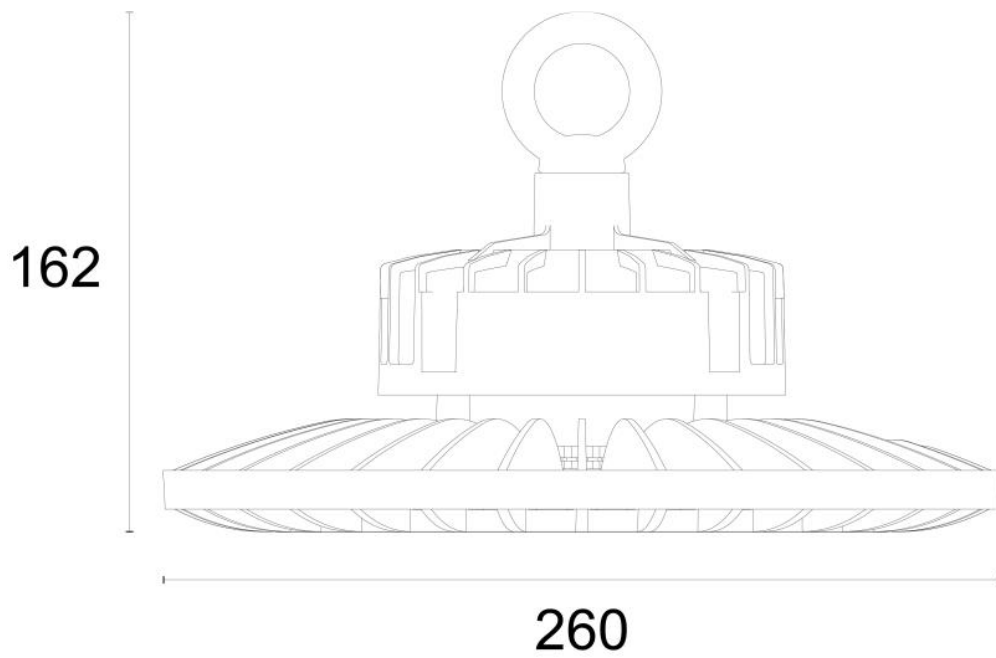
Luminaire Carton Dimensions	16.5 x 33.5 x 35.5cm
Quantity Per Outer Carton	4
Bar Code EAN Number	5052544093074
Packaged Weight	2.8kg

Standards & Approvals

Listings	Damp Location
Listings	RoHS
Listings	Wet Location
Manufactured In Accordance To	BS 60598-1-2015
CE Marked	Yes
Batch Coded	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on request
Accredited Members	LIA, ISO9001-2015, ISO14001-2015

JCC Lighting

Innovation Centre, Beeding Close, Southern Cross
Trading Estate, Bognor Regis, West Sussex, PO22 9TS
Company Registration Number: 03044848 | VAT Number: 918544112
T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk



JCC Lighting

Innovation Centre, Beeding Close, Southern Cross

Trading Estate, Bognor Regis, West Sussex, PO22 9TS

Company Registration Number: 03044848 | VAT Number: 918544112

T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk