

JC54302DIM

Commercial Downlight

35W LED Downlight IP54 4000K 60° Ø160-170 cut out DALI / 1-10V

Features & Benefits

- High efficiency up to 113 Lumens per circuit Watt
- Quick and easy retrofit
- Zero maintenance no need to relamp
- CRI 80 ideal for retail applications



General Information

Mounting	Recessed
Trade Name	Commercial
Environment	Indoor
Suitable For Zones	Zone 2
Product Group	LED - Recessed
Color Finish	White
Product Shape	Round
Product Range	LED commercial downlight
Overall Dimensions	Ø190x75mm
Depth (mm)	75
Diameter (mm)	158
Product Weight(kg)	1.05
Light Source	LED
Light Source Features	Neutral White
Additional Information	Suitable for use with JCEM002 Remote pack and JCEM002ST Self test remote pack
Recommended product location	Commercial and retail applications
Minimum Void Requirement	150mm

Method of fix	spring clips
Distance from lighted object	0.3m
Product Aperture Size	170mm
IP Rating	IP54
Origin of manufacturer	Made in China
Warranty	5 Year Warranty (See Website for terms and conditions)
Luminaire module replacements	DALI/1-10V
Dimming Protocol Compatibility	DALI/1-10V
Driver manufacturer	Merrytek
LED manufacturer/type	Citizen COB
Lighting Product Type 1	Downlight
Customs Tariff code**	9405421000

Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.3
Inrush current(Amps)	<7
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	850
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	35
Class	II
Output Voltage Max/Range (VDC)	6-48
Total Harmonic Distortion (THD)%	0.2
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Live(L) Neutral(N) double insulated, no earth required
Dimmable	DALI/1-10V

Emergency Data

Control options	DALI
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Thermals

Thermal Cut Out	yes, auto recovery
Insulation Coverage	do not cover
Minimum Free Air Space	100mm above and 50mm to sides
Minimum Void Requirement	150mm
Operating Temperature Range °C	-25 to +50

Performance Data

LED Life (Hours)*	50000
Energy Rating	This product contains a light source of energy efficiency class E
Actual Lumen Output1	3960

Lumens Per Circuit Watt1	113
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	4000K
Beam Angle °	60
LOR (Light Output Ratio) %	100

Controls and Sensors

Overload protection	Yes
Control	Networkable Control

Construction

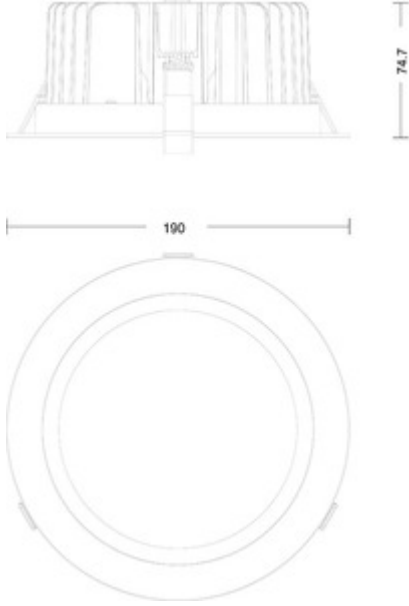
Primary Material	Aluminium
Heat Sink	Aluminium
Seal Material	Silicon

Packaging

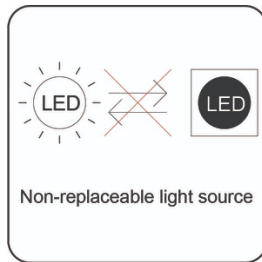
Quantity Per Outer Carton	12
Outer carton(L)- cm	66
Outer carton(W)- cm	46
Outer carton(H)- cm	20.5
Outer carton Net weight- kg	15.36kg
Outer carton Gross weight- kg	16.66kg
Product Bar Code EAN-13 Number	5052544100062
Outer carton Bar Code ITF-14 Number	15052544100069

Standards & Approvals

Manufactured in accordance to	BS EN 60598 -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



Replaceable control gear
by a professional



Non-replaceable light source

*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.

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