

JC1001/CHEM

V50 Emergency

V50 fire-rated LED downlight 7.5W 650lm IP65 CHEM

Features & Benefits

- Two colour selectable from below the ceiling 3000K & 4000K
- Ultra-low profile suitable for shallow 50mm ceiling voids
- Tested for use in fire-rated ceilings
- IP65 suitable for bathrooms (internal use only)
- Strong protected spring clips
- Fast push-fit termination with remote driver
- Twist & lock bezel design
- Available as complete fixture (JC1001) or without bezel (JC1001/NB)
- JC1001/NB requires separate bezel (JC1006)



BEAM



CRI:RA



CLASS I



COL SWITCH



3yr

WARRANTY



IP65

RATING



DIMMABLE

General Information

Product Group	Fire-rated Downlights Emergency
Product Range	V50™
Trade Name	V50
Light Source	LED
Light Source Features	Colour Selectable
Product Shape	Round
Mounting	Recessed
Product Weight	1.46kg
Color Finish	Chrome
Overall Dimensions	Ø84 x 67.7
Overall Dimensions (mm) Rim	Ø84
Recommended Product Location	Indoor use only
Minimum Void Requirement	75mm
Method Of Fix	Recessed with Spring Clips
Product Aperture Size	70mm

IP Rating	IP65
Environment	Indoor
Luminaire Accessories	Black, Brushed Brass, Chrome or White Replacement Bezel; Concealer Ring; Converter Plate
Duration of Fire protection (Mins)	Tested for use in fire-rated ceilings. Full information and up-to-date fire testing certificates for ceiling system types are available on JCC.CO.UK
Origin of manufacturer	Made In China
Warranty	2 years standard warranty extends to 3 years when registered within the first year of purchase (2 years on batteries)(See Website for terms and conditions)
Dimming Protocol Compatibility	Triac
Driver Manufacturer	JCC
LED Manufacturer/Type	Hongli
Lighting Product Type 1	Emergency Lighting
Lighting Product Type 2	Fired Rated Downlights

Electrical

Voltage Rating	230-240
Secondary Running Current	175mA
Operating Frequency Hz	50/60Hz
CC or CV	CC
Luminaire Circuit Wattage	7.5
Sec - Voltage (V)	36VDC
Class	I
Input Electrical Connections	Push Fit Terminals LEN Loop In/Loop Out
Dimmable	Yes
Max No. In Run	20

Emergency Data

Load Voltage	220-240V 50Hz
Nominal Battery Current	4 Ah
Recharge Time	24 Hours
Battery Specification	8 cell D Type 9.6V Ni-MH 4000 mAh FLEXI
Battery Life In Emergency Mode	3 hours
Charge Current	270-330mA
DDP Protection	Yes
LOR In Emergency Mode	0.1
Inverter PFC	>0.4

Thermals

Room Ambient Temperature Not To Exceed	30°C
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Insulation Coverage	Loosely Cover with Mineral Wool Insulation
Minimum Void Requirement	75mm

Performance Data

LED Life (Hours)	51000
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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 F
Actual Lumen Output	600/650
Lumens Per Circuit Watt	80/87
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	3000K/4000K
Light Distribution Detail	60-degree
LOR (Light Output Ratio) %	100
Photometry Available	Yes: available on request.

Construction

Primary Material	Steel
Lens	PMMA Plastic
Heat Sink	Extruded Aluminium
Driver Housing	Polycarbonate
Rim Or Attachment	Die-cast Aluminium

Packaging

Product Packaged Weight	1.46kg
Quantity Per Outer Carton	1
Product Bar Code EAN-13 Number	5052544087905

Standards & Approvals

Manufactured In Accordance To	BS EN 60598:2015, 2-1, 2-2
CE Marked	Yes
UKCA Marked	Yes
Certificate Of Conformity	Yes: available on request.
Accredited Members	LIA, ISO9001:2015, ISO14001:2015



