

JC5422EM/1-10V

Coral LED Emergency

Coral LED CRI90 Mains IP20 Recessed Downlight 32W 4000K 1-10V
Dimmable 3M



Features & Benefits

- 2x32W CFL direct replacement
- Structural heat sink removes the need for noisy and inefficient cooling fans
- CRI 90
- ideal for retail applications



General Information

Mounting	Recessed
Trade Name	Coral LED
Environment	Indoor
Suitable For Zones	Outside of zone 2
Product Group	LED- 3M Recessed
Product Shape	Round
Product Range	Commercial
Length (mm)	287.5
Depth (mm)	98
Product Weight(kg)	2.2
Light Source	LED
Light Source Features	Neutral White
Additional Information	See luminaire accessories for rim finishes available(IP65 rim optional)
Luminaire Accessories	JC5052N / JC5060 / JC5368
Recommended Product Location	Ceiling application indoors only
Minimum Void Requirement	150mm
Method Of Fix	Use the ceiling clips provided
Product Aperture Size	212mm
IP Rating	IP20
Origin of manufacturer	China

Warranty	5 Year Warranty (2 year on batteries) (See Website for terms and conditions)
Dimming Protocol Compatibility	1-10V
Driver Manufacturer	Kreat
LED Manufacturer/Type	SLE G5 17MM 3000LM 900MA/TRIDONIC
Lighting Product Type 1	Emergency Lighting
Lighting Product Type 2	Downlight
Customs Tariff code**	9405119090

Electrical

Voltage Rating	220-240
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	800
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	32
Class	III
Output Voltage Max/Range (VDC)	30-40
EMC Compliant (EN55015)	yes
Input Electrical Connections	Neutral/Switched Live/Earth/ Un-switched Live
Dimmable	Yes, requires 1-10V dimmer module

Emergency Data

Load Voltage(DC)	60-55
LOR % in Emergency Mode	12
Minimum Battery run time	3
Recharge Time	24 Hours
Inverter PFC	0.88

Battery Data

Battery Specification	3 cell C type Ni-MH 3.6V 4500 mAh(Parallel)
Battery Type	nickel metal Hydride
Nominal Battery Current	1.1 Amp
Charge Current	200mA
Recharge Time	24 Hours
Battery Total Weight(kg)	0.24

Thermals

Thermal Cut Out	yes
Insulation Coverage	Do not cover
Minimum Free Air Space	100mm
Minimum Void Requirement	150mm
Operating Temperature Range °C	-25 to +50

Performance Data

LED Life (Hours)*	30000
Energy Rating	This product contains a light source of energy efficiency class F
Actual Lumen Output	2800
Lumens Per Circuit Watt	88
Color Rendering Index	90-100
CRI: Ra	90
Correlated Color Temperature	4000K
Beam Angle °	110
LOR (Light Output Ratio) %	100
Photometry Available	yes

Construction

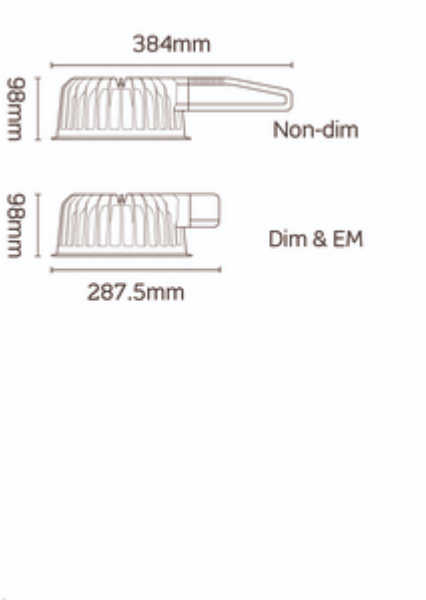
Primary Material	Aluminium
Heat Sink	Aluminium
Driver Housing	Polycarbonate

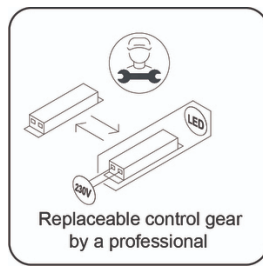
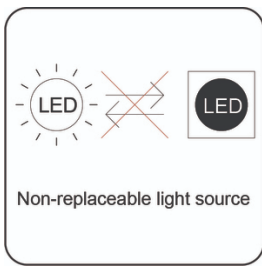
Packaging

Product Packaged Weight(kg)	2.5
Quantity Per Outer Carton	4
Product Bar Code EAN-13 Number	5052544052316

Standards & Approvals

Manufactured In Accordance To	BS EN 60598-2-1
CE Marked	yes
UKCA Marked	Yes
Date code/Purchase order No.	Yes
Certificate Of Conformity	Available on request
Accredited Members	LIA, ISO9001-2015, ISO14001-2015





*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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