

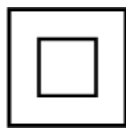
JC95606DALI

Nebula HO

Nebula High Output Tilt LED Downlight IP65 13W 4000K 1300Lm DALI / 1-10V

Features & Benefits

- Slim profile bezel for discrete installations
- Highly efficient
- up to 100 Lumens per circuit Watt
- Ideal for shallow ceiling voids
- Triac
- DALI/1-10V options available



General Information

Mounting	Recessed
Trade Name	Nebula
Environment	Indoor
Suitable For Zones	Zone 1
Product Group	LED - Downlight
Color Finish	White
Product Shape	Round
Product Range	Nebula High Output
Overall Dimensions	Ø110*49.5mm
Depth (mm)	49.5
Diameter (mm)	110
Product Weight(kg)	0.35
Light Source	LED
Light Source Features	Neutral White
Recommended product location	Recessed ceiling applications
Minimum Void Requirement	100mm
Method of fix	Spring clips (provided)
Distance from lighted object	0.3m

Product Aperture Size	95mm
Max Angle Of Tilt & Rotation	30°
IP Rating	IP65
Origin of manufacturer	Made in China
Warranty	5 Year Warranty (See Website for terms and conditions)
Dimming Protocol Compatibility	DALI/1-10V
Driver manufacturer	Merrytek
LED manufacturer/type	CREE COB
Lighting Product Type 1	Downlight
Customs Tariff code**	9405421000

Electrical

Voltage Rating	200-240
Primary Running Current(Amp)	0.18
Inrush current(Amps)	15A
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	250
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	13
Class	II
Total Harmonic Distortion (THD)%	0.2
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Live & Neutral
Dimmable	Yes, DALI/1-10V

Thermals

Insulation Coverage	Do not cover
Minimum Free Air Space	At least 75mm around the fitting
Minimum Void Requirement	100mm
Operating Temperature Range °C	0 to +26

Performance Data

LED Life (Hours)*	50000
Energy Rating	This product contains a light source of energy efficiency class E
Actual Lumen Output1	1300
Lumens Per Circuit Watt1	100
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	4000K
Beam Angle °	36
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Construction

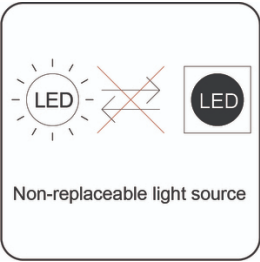
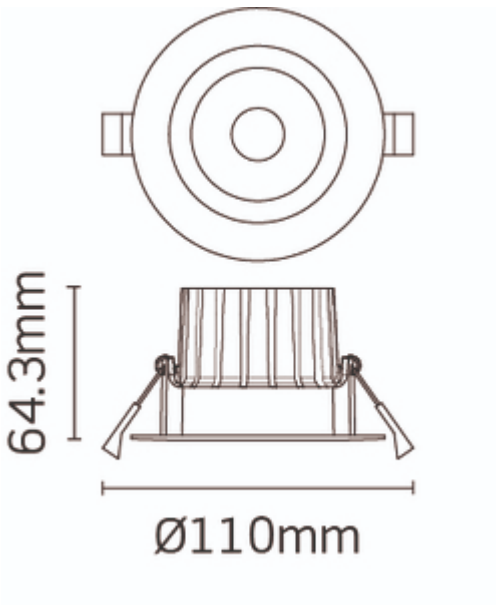
Primary Material	Aluminium
LED Brand	CREE
Heat Sink	Aluminium
Seal Material	Silicon

Packaging

Product Packaged Weight(kg)	0.45
Quantity Per Outer Carton	30
Product Bar Code EAN-13 Number	5052544100338
Outer carton Bar Code ITF-14 Number	15052544100335

Standards & Approvals

Manufactured in accordance to	BS EN 60598-2-1,2-2
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



*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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