

COLOSSAL 600mm 940 OPAL DIR WHITE DALI EM 2071188



Features

- 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 4535lm luminous flux, 41W system power, 111lm/W luminaire efficacy. DALI dimmable. 3 hours integrated emergency. Colour rendering index Ra >90, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

Product Overview

Product name	COLOSSAL 600mm 940 OPAL DIR WHITE DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Hospitality, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4535
Luminous flux (lm)	4535
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	41
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)

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Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5025768711888
Warranty	5 years
Colour Code	940
Dimming method	DALI-2

Data table

GENERAL DATA

Product name	COLOSSAL 600mm 940 OPAL DIR WHITE DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Hospitality, Office
Operating temperature range (°C)	10°C...+25°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4535
Luminous flux (lm)	4535
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0

Concord

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Emergency duration (h)	3
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ELECTRICAL DATA

Total power consumption (W)	41
Mains voltage (V)	220-240V
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	4.7
Electrical protection	Class I
Control gear required	No
Control gear type	Other
Transformer required	No
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	450
Inrush Current (A)	23
Inrush Duration (μ s)	174
Glow Wire Test ($^{\circ}$ C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	35
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	21
Max. Luminaires per 20A B Breaker	27

LIFETIME DATA

Lifespan L70 B50	170000
Lifespan L80 B20	145000

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Lifespan L90 B10	66000
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PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	93
Nominal Product Diameter (mm)	604
Weight (kg)	9.3

PACKAGING

Single packaging type	Carton
Product EAN number	5025768711888
Packaging single length / height (cm)	14.0
Packaging single width (cm)	68.0
Packaging single depth (cm)	68.0
DUN14 (outer)	05025768711888
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	68.0
Packaging outer depth (cm)	68.0

SAFETY DATA

Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No