

## Colossal 1200 OPAL

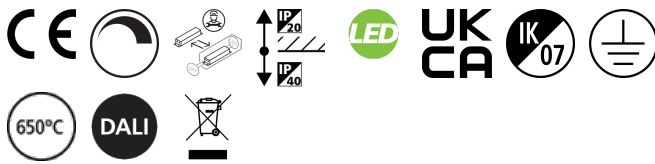
COLOSSAL 1200mm 840 OPAL DIR WHITE DALI

2071289



### Product features

- 1200mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 22015lm luminous flux, 153.6W system power, 143lm/W luminaire efficacy. DALI dimmable. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40/IP20, IK03. 450mA drive current. Electrical protection Class I, 220-240V. Reported lifetime 66k hours L90B10.



### PRODUCT OVERVIEW

Product name	COLOSSAL 1200mm 840 OPAL DIR WHITE DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	22015
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	153.6
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5025768712892

### DATA TABLE

#### General data

Product name	COLOSSAL 1200mm 840 OPAL DIR WHITE DALI
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Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office
Operating temperature range (°C)	5°C...+25°C
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	22015
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	153.6
Current (A)	450
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	450
Inrush Current (A)	25
Inrush Duration (µs)	280
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	B, B(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	24
Max. Luminaires per 13A C Breaker	31
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	49
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 16A B Breaker	24
Max. Luminaires per 20A B Breaker	30

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### Lifetime data

Lifespan L70 B50	170000
Lifespan L80 B20	145000
Lifespan L90 B10	66000

### 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)	1168
Weight (kg)	23.0

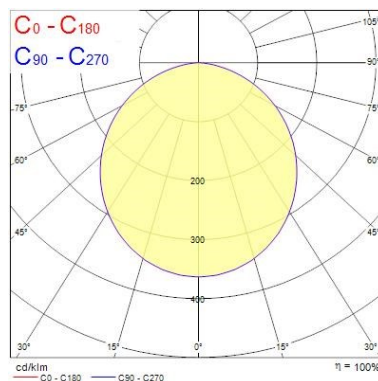
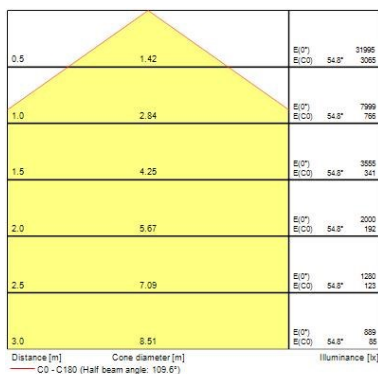
### Packaging

Single packaging type	Carton
Product EAN number	5025768712892
Packaging single length / height (cm)	14.0
Packaging single width (cm)	123.0
Packaging single depth (cm)	123.0
DUN14 (outer)	05025768712892
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	123.0
Packaging outer depth (cm)	123.0

### Safety data

Optimal operating condition (°C)	5-25
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## PHOTOMETRY



## TECHNICAL DRAWINGS

## Colossal 1200 OPAL

*COLOSSAL 1200mm 840 OPAL DIR WHITE DALI*

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