

# Colossal 1200mm 840 Opal Dir+Hal White DALI EM

Code article 2071314

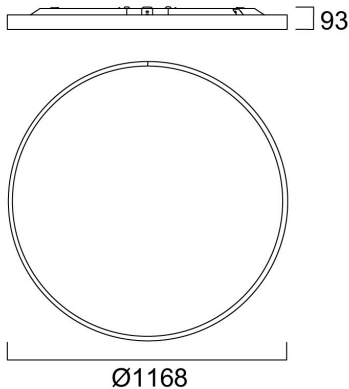
Concord



1200mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct/indirect (halo) light distribution, 22175lm luminous flux, 157W system power, 141lm/W luminaire efficacy. DALI dimmable. 3 hours integrated emergency. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40/IP20, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

## Atouts techniques

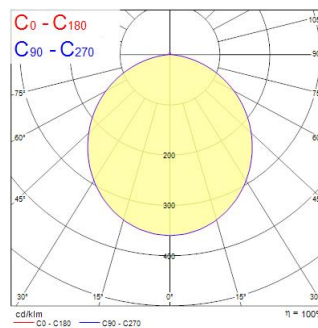
### Dimensions (mm)



### Photométrie

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.41	5.0'	5.4"	3185
1.0	2.82	5.0'	5.4"	794
1.5	4.24	5.0'	5.4"	358
2.0	5.65	5.0'	5.4"	199
2.5	7.06	5.0'	5.4"	127
3.0	8.47	5.0'	5.4"	85

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 108.4°)



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## Données générales

Nom du produit	Colossal 1200mm 840 Opal Dir+Hal White DALI EM
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Suspended
Built in presence detector	NONE
General application	Hospitality, Office
Operating temperature range (°C)	5°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

## Données optiques

Fixture luminous flux (lm)	22175
Luminaire efficacy (lm/W)	144
Température de couleur (K)	4000
Colour Code	840
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG0

## Caractéristiques électriques

Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	154.5
Actuel (A)	450
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
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
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	450
Courant d'appel (A)	25
Inrush Duration (µs)	280
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. products per 10A C Breaker	24
Max. products per 13A C Breaker	31
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	13
Max. products per 16A B Breaker	24
Max. products per 20A B Breaker	30
Connectable conductor cross section - Min (mm <sup>2</sup> )	1.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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### Durée de vie

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

### Données physiques

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
Poids (kg)	23.0

### Emballage

Product EAN number	5025768713141
Longueur simple de l'emballage (cm)	14.0
Largeur simple de l'emballage (cm)	123.0
Packaging single depth (cm)	123.0
DUN14 (inner)	05025768713141
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	123.0
Packaging outer depth (cm)	123.0

### Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	5-25