

Colossal 400mm 830 Opal Dir+Hal White DALI EM

Code article 2071134

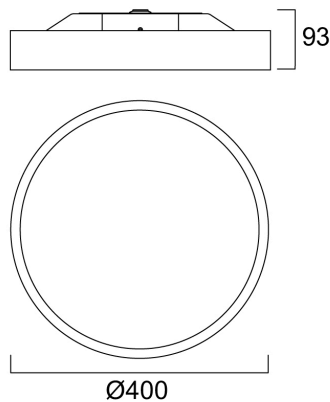
Concord



400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct/indirect (halo) light distribution, 2550lm luminous flux, 21.2W system power, 120lm/W luminaire efficacy. DALI dimmable. 3 hours integrated emergency. Colour rendering index Ra >80, 3000K Warm White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

Atouts techniques

Dimensions (mm)

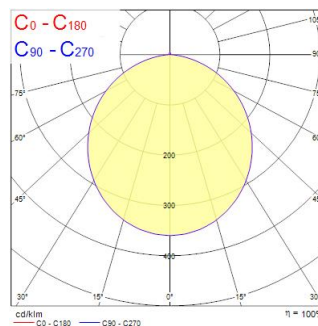


Photométrie

Distance [m]	Cone diameter [m]	E _{0%} [lx]	E _{50%} [lx]	E _{90%} [lx]
0.5	1.41	3672	547	358
1.0	2.82	918	547	158
1.5	4.24	408	547	98
2.0	5.65	230	547	73
2.5	7.06	147	547	54
3.0	8.47	102	547	41

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 108.4°)



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Données générales

Nom du produit	Colossal 400mm 830 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)	10°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	2550
Luminaire efficacy (lm/W)	118
Température de couleur (K)	3000
Colour Code	830
Couleur de lumière	Warm 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)	21.6
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-2
Drive current (mA)	450
Courant d'appel (A)	20
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	31
Max. products per 13A C Breaker	39
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	62
Max. products per 10A B Breaker	18
Max. products per 16A B Breaker	30
Max. products per 20A B Breaker	37
Connectable conductor cross section - Min (mm ²)	1.5
Connectable conductor cross section - Max (mm ²)	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)	400
Poids (kg)	6.8

Emballage

Product EAN number	5025768711345
Longueur simple de l'emballage (cm)	14.0
Largeur simple de l'emballage (cm)	47.0
Packaging single depth (cm)	47.0
DUN14 (inner)	05025768711345
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	47.0
Packaging outer depth (cm)	47.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	10-25