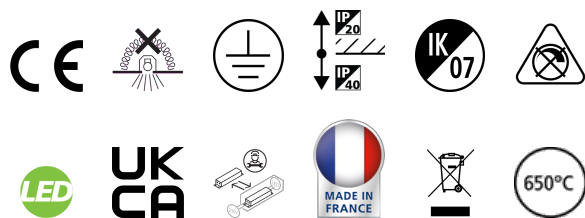


Colossal 400 830 Opal Dir White

Code article 2071101

Concord



400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 2460lm luminous flux, 21W system power, 117lm/W luminaire efficacy. Constant current driver. 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.

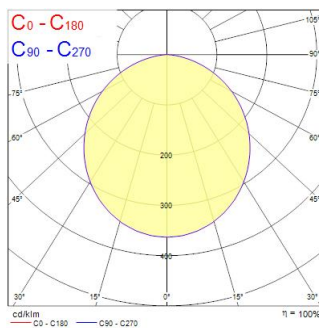
Atouts techniques

Dimensions (mm)



Photométrie

0.5	1.42	50° 50.0°	54.8° 54.8°	3875 342
1.0	2.84	50° 50.0°	54.8° 54.8°	964 84
1.5	4.25	50° 50.0°	54.8° 54.8°	397 35
2.0	5.67	50° 50.0°	54.8° 54.8°	233 21
2.5	7.09	50° 50.0°	54.8° 54.8°	142 13
3.0	8.51	50° 50.0°	54.8° 54.8°	99 9
Distance [m]	Cone diameter [m]	Illuminance [lx]		
C0 - C180 (Half beam angle: 109.6°)				



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Données générales

Nom du produit	Colossal 400 830 Opal Dir White
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Ceiling surface mounting, 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)	2460
Luminaire efficacy (lm/W)	117
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	
Consommation électrique totale (W)	21
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	No
Dimming method	N/A
Drive current (mA)	450
Courant d'appel (A)	28
Inrush Duration (µs)	139
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	41
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	70
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	42
Connectable conductor cross section - Min (mm²)	1.5
Connectable conductor cross section - Max (mm²)	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)	6.5

Emballage

Product EAN number	5025768711017
Longueur simple de l'emballage (cm)	14.0
Largeur simple de l'emballage (cm)	47.0
Packaging single depth (cm)	47.0
DUN14 (inner)	05025768711017
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