

# Colossal 400mm 830 Opal Dir White SSC

Code article 2071105

Concord



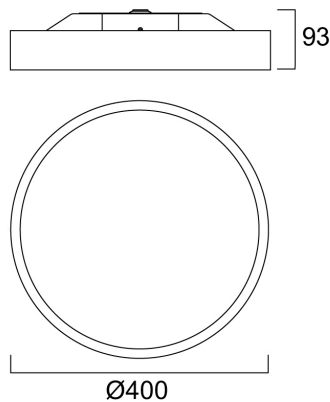
SylSmart



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, 20.5W system power, 120lm/W luminaire efficacy. Sylsmart Standalone enabled. 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

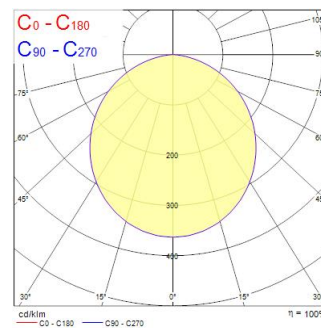
### Dimensions (mm)



### Photométrie

Distance [m]	Cone diameter [m]	E(0°)	E(30°)	E(45°)	E(60°)	E(75°)	E(90°)
0.5	1.42	3575	342				
1.0	2.84	894	86				
1.5	4.25	397	38				
2.0	5.67	233	23				
2.5	7.09	140	14				
3.0	8.51	99	10				

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 108.6°)



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## Données générales

Nom du produit	Colossal 400mm 830 Opal Dir White SSC
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
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

## Données optiques

Fixture luminous flux (lm)	2460
Luminaire efficacy (lm/W)	120
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

Consommation électrique totale (W)	20.5
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	SylSmart Standalone (SSC)
Drive current (mA)	450
Courant d'appel (A)	20
Inrush Duration (µs)	25
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	57
Max. products per 13A C Breaker	71
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	45
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	68
Connectable conductor cross section - Min (mm <sup>2</sup> )	1.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Durée de vie

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

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## 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	5025768711055
Longueur simple de l'emballage (cm)	14.0
Largeur simple de l'emballage (cm)	47.0
Packaging single depth (cm)	47.0
DUN14 (inner)	05025768711055
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