

Colossal

COLOSSAL 400 3400LM 830 WHITE

4061100



Product features

- Large 400 mm diameter circular architectural luminaire, can be surface mounted or suspended, aluminium housing with polycarbonate opal diffuser, 3400 lm, 30W, 113 lm/W, 3000K, CRI 80, 50,000 hours, IP40, IK03, Class 1, 220-240V, Energy class A++



PRODUCT OVERVIEW

Product name	COLOSSAL 400 3400LM 830 WHITE
Technology	LED
Housing	Aluminium
Environment	Indoor
General application	Hospitality
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	113
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	30
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP40
IK rating	IK03
Product EAN number	5026524611008

DATA TABLE

General data

Product name	COLOSSAL 400 3400LM 830 WHITE
Technology	LED
Housing	Aluminium
Environment	Indoor

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General application	Hospitality
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	113
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	30
Mains voltage (V)	220-240V
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	333
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	26

Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B20	50000

Physical data

Housing colour	White
IP rating	IP40
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	400
Nominal Product Width (mm)	400
Nominal Product Height (mm)	87
Nominal Product Diameter (mm)	400
Weight (kg)	3.7

Packaging

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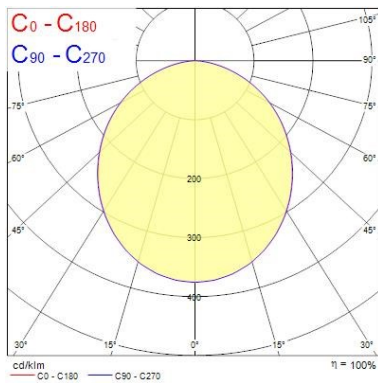
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Single packaging type	Carton
Product EAN number	5026524611008
Packaging single length / height (cm)	50.5
Packaging single width (cm)	40.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05026524611008
Units per outer package	1
Packaging outer length / height (cm)	50.5
Packaging outer width (cm)	40.5
Packaging outer depth (cm)	10.0

Safety data

Optimal operating condition (°C)	0-0
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{10°} [lx]	E _{30°} [lx]	E _{60°} [lx]
0.5	1.33	5102	53.0° 585	52.0° 585	52.0° 585
	1.32				
1.0	2.65	1275	53.0° 139	52.0° 141	
	2.63				
1.5	3.98	567	53.0° 62	52.0° 63	
	3.95				
2.0	5.31	319	53.0° 35	52.0° 36	
	5.27				
2.5	6.64	204	53.0° 22	52.0° 23	
	6.59				
3.0	7.96	142	53.0° 16	52.0° 16	
	7.90				

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

— C0 - C180 (Half beam angle: 105.0°)
— C90 - C270 (Half beam angle: 106.0°)

TECHNICAL DRAWINGS

