

## Colossal

### COLOSSAL 400 3400LM 830 EM3 WHITE

#### 4061102



#### 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++, Emergency 3 hours



### PRODUCT OVERVIEW

Product name	COLOSSAL 400 3400LM 830 EM3 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
Luminous flux (emergency) (lm)	170
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	5026524611022

### DATA TABLE

#### General data

Product name	COLOSSAL 400 3400LM 830 EM3 WHITE
--------------	-----------------------------------

## Colossal

*COLOSSAL 400 3400LM 830 EM3 WHITE*  
4061102

Technology	LED
Housing	Aluminium
Environment	Indoor
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
Luminous flux (emergency) (lm)	170
Emergency duration (h)	3

### 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

## Colossal COLOSSAL 400 3400LM 830 EM3 WHITE 4061102

Nominal Product Height (mm)	87
Nominal Product Diameter (mm)	400
Weight (kg)	4.7

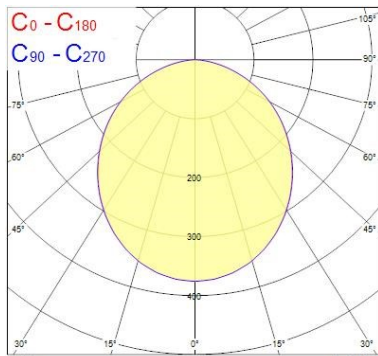
### Packaging

Single packaging type	Carton
Product EAN number	5026524611022
Packaging single length / height (cm)	50.5
Packaging single width (cm)	40.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05026524611022
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

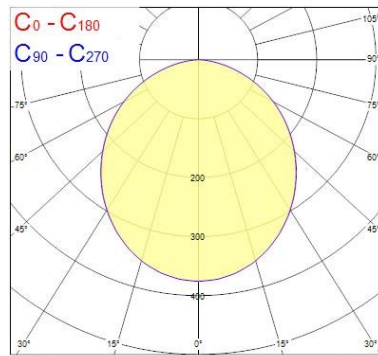
Optimal operating condition (°C)	0-0
----------------------------------	-----

## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1(C90)</sub> [lx]	E <sub>1(C0)</sub> [lx]
0.5	1.33 1.32	286	83.0° 28	82.8° 28
1.0	2.65 2.63	84	83.0° 7	82.8° 7
1.5	3.98 3.95	28	83.0° 3	82.8° 3
2.0	5.31 5.27	16	83.0° 2	82.8° 2
2.5	6.64 6.59	10	83.0° 1	82.8° 1
3.0	7.96 7.90	7	83.0° 1	82.8° 1

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 106.6°)  
 — C90 - C270 (Half beam angle: 106.6°)



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1(C90)</sub> [lx]	E <sub>1(C0)</sub> [lx]
0.5	1.33 1.32	5102	83.0° 688	82.8° 688
1.0	2.65 2.63	1275	83.0° 139	82.8° 141
1.5	3.98 3.95	567	83.0° 62	82.8° 63
2.0	5.31 5.27	319	83.0° 38	82.8° 38
2.5	6.64 6.59	204	83.0° 25	82.8° 23
3.0	7.96 7.90	142	83.0° 18	82.8° 16

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 106.6°)  
 — C90 - C270 (Half beam angle: 106.6°)

Colossal  
*COLOSSAL 400 3400LM 830 EM3 WHITE*  
4061102

## TECHNICAL DRAWINGS

---

