

## Colossal

### COLOSSAL 400 3550LM 840 DALI WHITE

#### 4061105



#### Product features

- Large 400 mm diameter circular architectural luminaire, can be surface mounted or suspended, aluminium housing with polycarbonate opal diffuser, 3550 lm, 30W, 118 lm/W, 4000K, CRI 80, 50,000 hours, IP40, IK03, Class 1, 220-240V, Energy class A++, DALI



### PRODUCT OVERVIEW

Product name	COLOSSAL 400 3550LM 840 DALI WHITE
Technology	LED
Housing	Aluminium
Environment	Indoor
General application	Hospitality
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3550
Luminaire efficacy (lm/W)	118
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral 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	Yes
Dimming method	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP40
IK rating	IK03
Product EAN number	5026524611053

### DATA TABLE

#### General data

Product name	COLOSSAL 400 3550LM 840 DALI WHITE
Technology	LED
Housing	Aluminium
Environment	Indoor

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*COLOSSAL 400 3550LM 840 DALI WHITE*  
4061105

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

### Optical data

Fixture luminous flux (lm)	3550
Luminaire efficacy (lm/W)	118
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral 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	Yes
Dimming method	DALI
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	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36

### 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)	3.8

### Packaging

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### COLOSSAL 400 3550LM 840 DALI WHITE

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Single packaging type	Carton
Product EAN number	5026524611053
Packaging single length / height (cm)	50.5
Packaging single width (cm)	40.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05026524611053
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

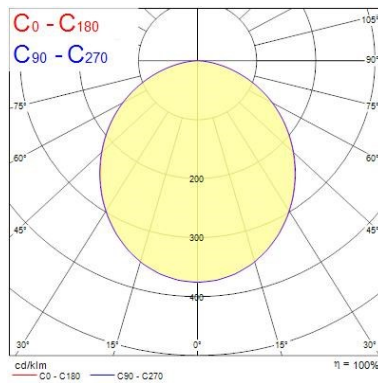
Optimal operating condition (°C)	0-0
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> (C90) [lx]	E <sub>1</sub> (C0) [lx]
0.5	1.33 1.32	8361	833	892
1.0	2.65 2.63	1338	146	148
1.5	3.98 3.95	595	66	66
2.0	5.31 5.27	334	37	37
2.5	6.64 6.59	214	23	24
3.0	7.96 7.90	149	16	16

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

— C0 - C180 (Half beam angle: 105.6°)  
— C90 - C270 (Half beam angle: 106.0°)



## TECHNICAL DRAWINGS

