

Colossal 400 OPAL

COLOSSAL 400mm HO 840 OPAL DIR WHITE EM
2071330



Product features

- 400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 3435lm luminous flux, 27.3W system power, 126lm/W luminaire efficacy. Constant current driver. 3 hours integrated emergency. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 600mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.



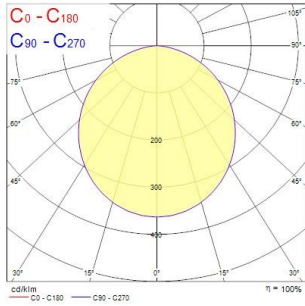
PRODUCT OVERVIEW

Product name	COLOSSAL 400mm HO 840 OPAL DIR WHITE EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Hospitality, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3435
Luminaire efficacy (lm/W)	123
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	30
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK03
Product EAN number	5025768713301

PHOTOMETRY

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Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(90°) E(C90)	Illuminance [lx]
0.5	1.42	5071	5437	492
1.0	2.84	5071	5437	123
1.5	4.29	5071	5437	55
2.0	5.67	5071	5437	31
2.5	7.09	5071	5437	19
3.0	8.51	5071	5437	13

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 109.6°)

TECHNICAL DRAWINGS

