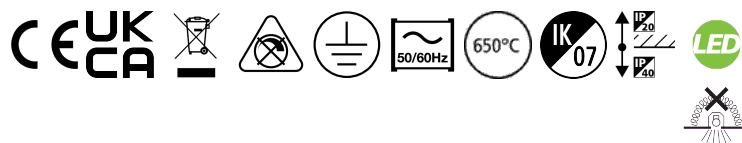


Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE 2071333



Features

- 400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct/indirect (halo) light distribution, 3560lm luminous flux, 27W system power, 132lm/W luminaire efficacy. Constant current driver. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 600mA drive current. Electrical protection Class I, 220-240V. Reported lifetime 66k hours L90B10.

Product Overview

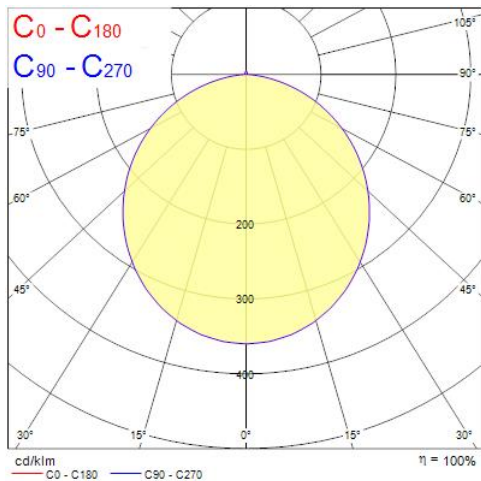
Product name	COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Hospitality, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3560
Luminaire efficacy (lm/W)	132
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	27
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No

Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE 2071333

LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK07
Product EAN number	5025768713332
Warranty	5 years
Dimming method	N/A
Colour Code	840

Photometry



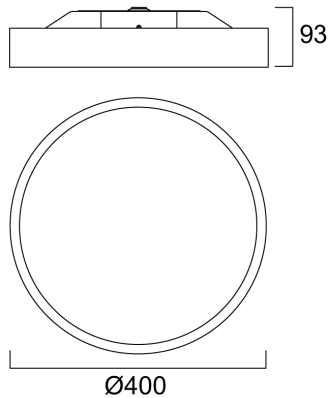
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.5	1.41	5127 496	54.7°
1.0	2.82	1282 124	54.7°
1.5	4.24	570 55	54.7°
2.0	5.65	320 31	54.7°
2.5	7.06	205 20	54.7°
3.0	8.47	142 14	54.7°

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 109.4°)

Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE
2071333

Technical drawings



Data table

GENERAL DATA

Product name	COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Hospitality, Office
Operating temperature range (°C)	10°C...+25°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3560
Luminaire efficacy (lm/W)	132
Correlated colour temperature (k)	4000
Colour Code	840

Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE 2071333

Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 24
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.93
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	8
Inrush Duration (µs)	80
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	65
Max. products per 13A C Breaker	80
Max. products per 16A C Breaker	100
Max. products per 20A C Breaker	125
Max. products per 10A B Breaker	65
Max. products per 13A B Breaker	80
Max. products per 16A B Breaker	100
Max. products per 20A B Breaker	125

Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE 2071333

Connectable conductor cross section - Min (mm ²)	1.5
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Connectable conductor cross section - Max (mm ²)	2.5
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LIFETIME DATA

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

Housing colour	RAL9016
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IP rating	IP40/20
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IK rating	IK07
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Diffuser finish	Opal
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Diffuser material	PC Polycarbonate
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Nominal Product Height (mm)	93
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Nominal Product Diameter (mm)	400
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Weight (kg)	6.5
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PACKAGING

Product EAN number	5025768713332
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Packaging single length / height (cm)	14.0
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Packaging single width (cm)	47.0
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Packaging single depth (cm)	47.0
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DUN14 (inner)	05025768713332
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Units per outer package	1
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Packaging outer length / height (cm)	14.0
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Packaging outer width (cm)	47.0
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Packaging outer depth (cm)	47.0
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SAFETY DATA

Glow Wire Test (°C)	650
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Concord

COLOSSAL 400mm HO 840 OPAL DIR+HAL WHITE 2071333

Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No