



Features

- 400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct light distribution, 1845lm luminous flux, 15.9W system power, 116lm/W luminaire efficacy. Sylsmart Standalone enabled. Colour rendering index Ra >80, 3000K Warm White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 350mA drive current. UGR≤19. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

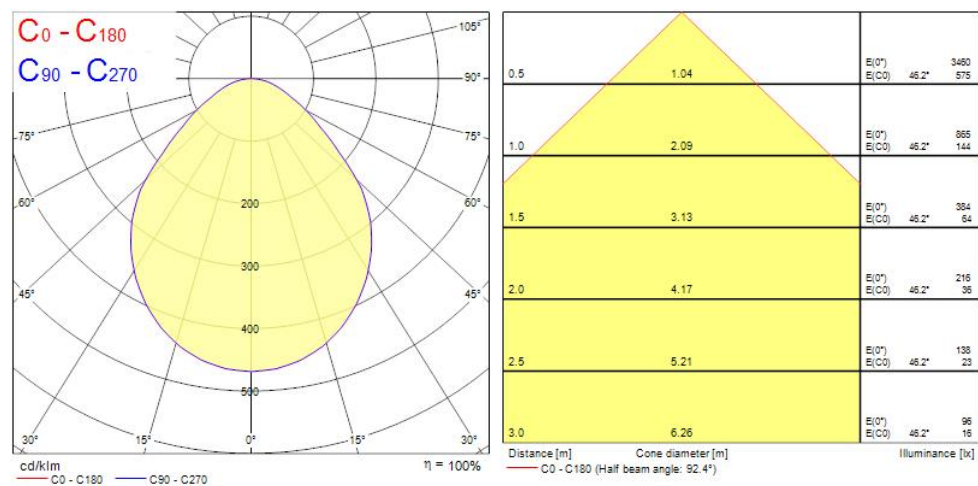
Product Overview

Product name	COLOSSAL 400mm 830 PRISM DIR WHITE SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality
ETIM Class	EC002892
Fixture luminous flux (lm)	1845
Luminaire efficacy (lm/W)	116
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	15.9
Electrical protection	Class I
Control gear type	LED driver constant current

COLOSSAL 400mm 830 PRISM DIR WHITE SSC 2071110

Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK07
Product EAN number	5025768711109
Warranty	5 years
Dimming method	SylSmart SSC
Colour Code	830

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	COLOSSAL 400mm 830 PRISM DIR WHITE SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1845
Luminaire efficacy (lm/W)	116
Correlated colour temperature (k)	3000

COLOSSAL 400mm 830 PRISM DIR WHITE SSC 2071110

Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	15.9
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
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	Yes
Dimming method	SylSmart SSC
Drive current (mA)	350
Inrush Current (A)	20
Inrush Duration (µs)	25
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	57
Max. products per 13A C Breaker	71
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	45
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	68

COLOSSAL 400mm 830 PRISM DIR WHITE SSC 2071110

Connectable conductor cross section - Min (mm²)	1.5
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Connectable conductor cross section - Max (mm²)	1.5
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LIFETIME DATA

Lifespan L70 B50	170000
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Lifespan L70 B20	170000
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Lifespan L70 B10	170000
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Lifespan L80 B50	166500
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Lifespan L80 B20	145000
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Lifespan L80 B10	134000
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Lifespan L90 B50	80000
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Lifespan L90 B20	70000
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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	Prismatic
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Diffuser material	PMMA Acrylic
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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	5025768711109
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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)	05025768711109
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Units per outer package	1
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Packaging outer length / height (cm)	14.0
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Concord

COLOSSAL 400mm 830 PRISM DIR WHITE SSC
2071110

Packaging outer width (cm)	47.0
Packaging outer depth (cm)	47.0

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No