

Colossal 1200 Prismatic

COLOSSAL 1200mm 940 PRISM DIR+HAL WHITE SSC

2071328

Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
General application	Hospitality, Office
Operating temperature range (°C)	5°C...+25°C
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	14190
Luminaire efficacy (lm/W)	121
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	117.5
Current (A)	350
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	350
Inrush Current (A)	23
Inrush Duration (µs)	174
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	18
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	28
Max. Luminaires per 20A C Breaker	34
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	14
Max. Luminaires per 20A B Breaker	17

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Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Nominal Product Height (mm)	93
Nominal Product Diameter (mm)	1168
Weight (kg)	23.0

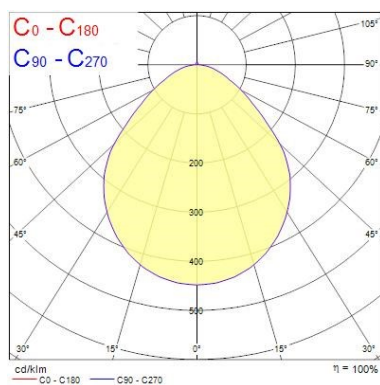
Packaging

Single packaging type	Carton
Product EAN number	5025768713288
Packaging single length / height (cm)	14.0
Packaging single width (cm)	123.0
Packaging single depth (cm)	123.0
DUN14 (outer)	05025768713288
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	123.0
Packaging outer depth (cm)	123.0

Safety data

Optimal operating condition (°C)	5-25
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PHOTOMETRY



0.5	1.07	E(0°) E(C0)	25440 4036
1.0	2.14	E(0°) E(C0)	6360 1009
1.5	3.22	E(0°) E(C0)	2837 448
2.0	4.29	E(0°) E(C0)	1590 252
2.5	5.36	E(0°) E(C0)	1018 161
3.0	6.43	E(0°) E(C0)	707 112

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 94.0°) Illuminance [lx]

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TECHNICAL DRAWINGS

