

COLOSSAL 400mm 940 OPAL DIR+HAL
WHITE EM

Item No: 2071152

Concord

General data

Product name	COLOSSAL 400mm 940 OPAL DIR+HAL WHITE EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	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)	2280
Luminaire efficacy (lm/W)	104
Correlated colour temperature (k)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	21.9
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	No
Dimming method	N/A
Drive current (mA)	450
Inrush Current (A)	28
Inrush Duration (µs)	139
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	31
Max. products per 13A C Breaker	41
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	70
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	42
Connectable conductor cross section - Min (mm²)	1.5
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

Lifespan L70 B50	170000
Lifespan L80 B20	145000
Lifespan L90 B50	80000
Lifespan L90 B10	66000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	93
Nominal Product Diameter (mm)	400
Weight (kg)	6.8

Packaging

Product EAN number	5025768711529
Packaging single length / height (cm)	14.0
Packaging single width (cm)	47.0
Packaging single depth (cm)	47.0
DUN14 (inner)	05025768711529
Units per outer package	1
Packaging outer length / height (cm)	14.0
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