Concord

COLOSSAL 600mm 940 OPAL DIR WHITE EM
2071186

Features

• 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 4535lm luminuous flux, 41.5W system power, 109lm/W luminiaire efficacy. Constant current driver. 3 hours integrated emergency. Colour rendering index Ra >90, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

Product Overview

Product name	COLOSSAL 600mm 940 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
Fixture luminous flux (lm)	4535
Luminous flux (lm)	4535
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	41.5
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)

© Feilo Sylvania | Date Printed:14.07.2023

Concord

COLOSSAL 600mm 940 OPAL DIR WHITE EM
2071186

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5025768711864
Warranty	5 years
Colour Code	940
Dimming method	N/A

Data table

GENERAL DATA

Product name	COLOSSAL 600mm 940 OPAL DIR WHITE EM
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)	4535
Luminous flux (lm)	4535
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0
Emergency duration (h)	3

© Feilo Sylvania | Date Printed:14.07.2023

Concord

COLOSSAL 600mm 940 OPAL DIR WHITE EM
2071186

ELECTRICAL DATA

Total power consumption (W)	41.5
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	450
Inrush Current (A)	15
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	51
Max. Luminaires per 16A C Breaker	63
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	24
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	38
Max. Luminaires per 20A B Breaker	48

LIFETIME DATA

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

Concord by SYLVANIA

© Feilo Sylvania | Date Printed:14.07.2023

Concord

COLOSSAL 600mm 940 OPAL DIR WHITE EM
2071186

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)	604
Weight (kg)	9.3

PACKAGING

Single packaging type	Carton
Product EAN number	5025768711864
Packaging single length / height (cm)	14.0
Packaging single width (cm)	68.0
Packaging single depth (cm)	68.0
DUN14 (outer)	05025768711864
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	68.0
Packaging outer depth (cm)	68.0

SAFETY DATA

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

© Feilo Sylvania | Date Printed:14.07.2023