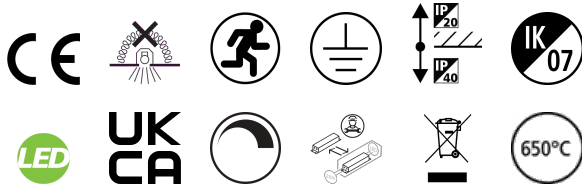


Colossal 400mm 840 Prism Dir+Hal White DALI EM

Item No: 2071149

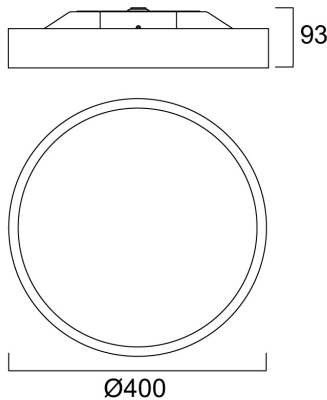
Concord



400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct/indirect (halo) light distribution, 2015lm luminous flux, 16W system power, 126lm/W luminaire efficacy. DALI dimmable. 3 hours integrated emergency. Colour rendering index Ra >80, 4000K Neutral 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.

Technical Assets

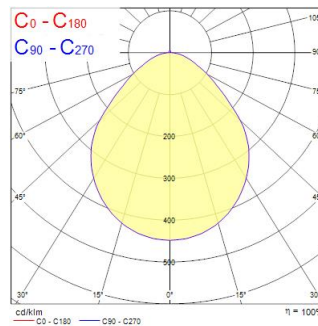
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.07	Ø107	Ø107	3612
1.0	2.14	Ø214	Ø214	903
1.5	3.22	Ø322	Ø322	401
2.0	4.29	Ø429	Ø429	226
2.5	5.36	Ø536	Ø536	144
3.0	6.43	Ø643	Ø643	100

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



Colossal 400mm 840 Prism Dir+Hal White DALI EM

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Concord

General data

Product name	Colossal 400mm 840 Prism Dir+Hal White DALI EM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Built in presence detector	NONE
General application	Hospitality, Office
Operating temperature range (°C)	10°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2015
Luminaire efficacy (lm/W)	119
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Emergency duration (h)	3
Total power consumption (W)	16.9
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
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	DALI-2
Drive current (mA)	350
Inrush Current (A)	20
Inrush Duration (µs)	200
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	31
Max. products per 13A C Breaker	39
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	62
Max. products per 10A B Breaker	18
Max. products per 16A B Breaker	30
Max. products per 20A B Breaker	37
Connectable conductor cross section - Min (mm ²)	1.5
Connectable conductor cross section - Max (mm ²)	2.5

Colossal 400mm 840 Prism Dir+Hal White DALI EM

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Concord

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)	400
Weight (kg)	6.8

Packaging

Product EAN number	5025768711499
Packaging single length / height (cm)	14.0
Packaging single width (cm)	47.0
Packaging single depth (cm)	47.0
DUN14 (inner)	05025768711499
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