

# Colossal 900mm 940 Prism Dir White DALI EM

Code article 2071254

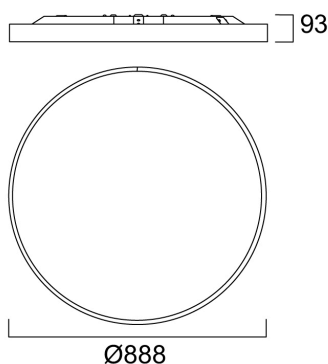
Concord



900mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct light distribution, 6955lm luminous flux, 60W system power, 116lm/W luminaire efficacy. DALI dimmable. 3 hours integrated emergency. Colour rendering index Ra >90, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40/IP20, IK03. 350mA drive current. UGR≤19. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

## Atouts techniques

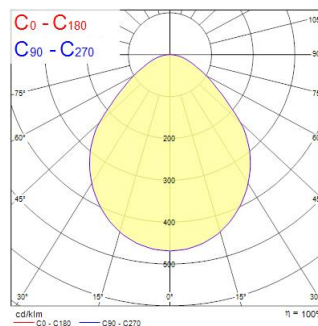
### Dimensions (mm)



### Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.04	92.4°	1302
1.0	2.09	92.4°	321
1.5	3.13	92.4°	148
2.0	4.17	92.4°	85
2.5	5.21	92.4°	52
3.0	6.26	92.4°	35

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 92.4°)



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## Données générales

Nom du produit	Colossal 900mm 940 Prism Dir White DALI EM
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Ceiling surface mounting
Built in presence detector	NONE
General application	Hospitality, Office
Operating temperature range (°C)	5°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

## Données optiques

Fixture luminous flux (lm)	6955
Luminaire efficacy (lm/W)	117
Température de couleur (K)	4000
Colour Code	940
Couleur de lumière	Neutral White
IRC (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 18
Photobiological Risk Group	RG0

## Caractéristiques électriques

Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	59.6
Actuel (A)	350
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	350
Courant d'appel (A)	23
Inrush Duration (µs)	174
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	18
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	34
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	17
Connectable conductor cross section - Min (mm <sup>2</sup> )	1.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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## Durée de vie

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

## Données physiques

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)	888
Poids (kg)	17.0

## Emballage

Product EAN number	5025768712540
Longueur simple de l'emballage (cm)	14.0
Largeur simple de l'emballage (cm)	96.0
Packaging single depth (cm)	96.0
DUN14 (inner)	05025768712540
Units per outer package	1
Packaging outer length / height (cm)	14.0
Packaging outer width (cm)	96.0
Packaging outer depth (cm)	96.0

## Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	5-25