

Solstice 200 2800 940 DALI Pendant Direct/Ind GB

Item No: 2070403

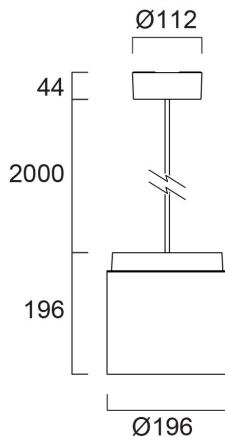
Concord



The Solstice 200 2800lm 940 DALI Pendant Direct/Ind GB - white reflector, white housing is a high efficient DALI dimmable downlight luminaire with direct (2200lm) and indirect (600lm) light distribution, Colour rendering index Ra>90, Colour temperature:4000K Neutral White, Class II, Overall dimensions: dia 196mm, height 196mm.

Technical Assets

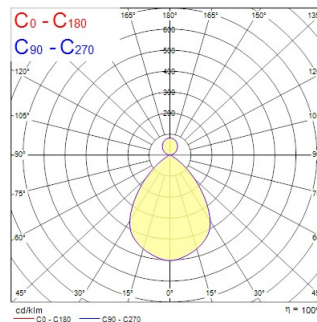
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.83	39.6°	0.83	5512
1.0	1.65	39.6°	1.65	1405
1.5	2.48	39.6°	2.48	625
2.0	3.31	39.6°	3.31	352
2.5	4.14	39.6°	4.14	225
3.0	4.96	39.6°	4.96	156

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 79.2°)



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General data

Product name	Solstice 200 2800 940 DALI Pendant Direct/Ind GB
Technology	LED
Cap/Base	N/A
Housing	Aluminium, PC Polycarbonate
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Office, Retail
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	35
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4170446
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	110
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	25.5
Supply current (A)	1
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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, Switch-dim (mains-rated)
Drive current (mA)	700
Inrush Current (A)	9.4
Inrush Duration (µs)	16
Energy Efficiency Class (A->G) of contained light source	C, F(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	53
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	33
Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	53
Max. products per 16A B Breaker	53
Max. products per 20A B Breaker	66
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	89000
Lifespan L90 B50	42000

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Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	Other
Nominal Product Height (mm)	196
Nominal Product Diameter (mm)	196
Max. Lamp Diameter (mm) - D	196
Weight (kg)	2.94

Packaging

Product EAN number	5025768704033
Packaging single length / height (cm)	27.5
Packaging single width (cm)	27.5
Packaging single depth (cm)	26.5
DUN14 (inner)	05025768704033
Units per outer package	1
Packaging outer length / height (cm)	27.5
Packaging outer width (cm)	27.5
Packaging outer depth (cm)	26.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-35