

Solstice 200 1700lm 930 DALI Surface Mounted GB

Item No: 2070408

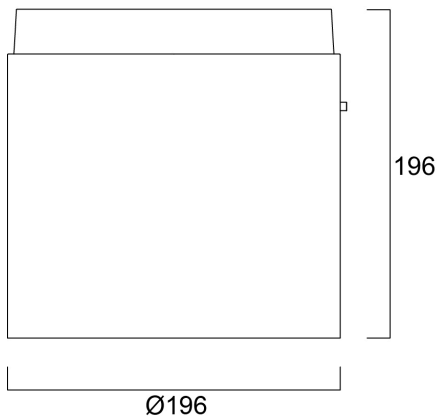
Concord



The Solstice 200 1700lm 930 DALI Surface Mounted GB - white reflector, white housing is a high efficient DALI dimmable downlight luminaire with direct and indirect light distribution, Colour rendering index Ra>90, Colour temperature: 3000K Warm White, Class II, Overall dimensions: dia 196mm, height 196mm.

Technical Assets

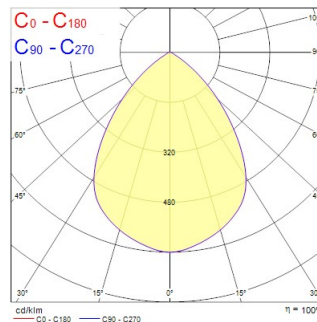
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.83	0.83	39.6°	430
1.0	1.65	1.65	39.6°	107
1.5	2.48	2.48	39.6°	48
2.0	3.31	3.31	39.6°	27
2.5	4.14	4.14	39.6°	17
3.0	4.96	4.96	39.6°	11

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



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General data

Product name	Solstice 200 1700lm 930 DALI Surface Mounted GB
Technology	LED
Cap/Base	N/A
Housing	Aluminium, PC Polycarbonate
Mount	Ceiling surface 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	4170433
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1700
Luminaire efficacy (lm/W)	106
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 20
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	16
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)	450
Inrush Current (A)	9.4
Inrush Duration (µs)	16
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	53
Max. products per 13A C Breaker	40
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

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Lifetime data

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

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	5025768704088
Packaging single length / height (cm)	27.5
Packaging single width (cm)	27.5
Packaging single depth (cm)	26.5
DUN14 (inner)	05025768704088
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