

Solstice 250 2400lm 940 DALI

Item No: 2070222

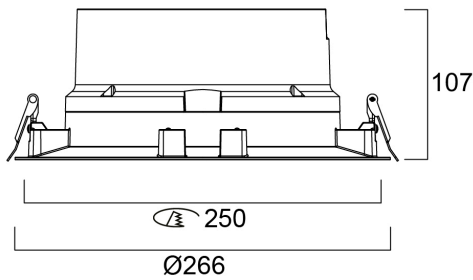
Concord



The Solstice 250 2400lm 940 DALI is a high efficient DALIdimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 250mm.

Technical Assets

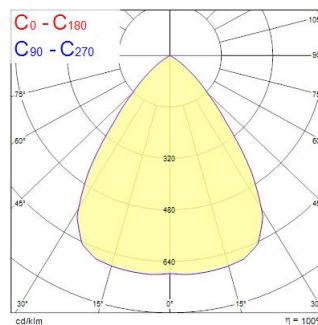
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [ft]	Illuminance [lx]
0.5	0.78	50°	31°	809
1.0	1.56	50°	31°	202
1.5	2.34	50°	31°	88
2.0	3.11	50°	31°	51
2.5	3.89	50°	31°	33
3.0	4.67	50°	31°	22

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.0°)



Solstice 250 2400lm 940 DALI

Item No: 2070222

Concord

General data

Product name	Solstice 250 2400lm 940 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4275574
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	141
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	17
Supply current (A)	450
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	7
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	450
Inrush Current (A)	25
Inrush Duration (µs)	141
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	31
Max. products per 13A C Breaker	40
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	24
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

Solstice 250 2400lm 940 DALI

Item No: 2070222

Concord

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L80 B10	120000
Lifespan L90 B10	68000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	107
Nominal Product Diameter (mm)	266
Built-in diameter (mm)	250
Max. Lamp Diameter (mm) - D	266
Weight (kg)	1.774
Recessed Depth (mm)	150

Packaging

Product EAN number	5025768702220
Packaging single length / height (cm)	34.0
Packaging single width (cm)	34.0
Packaging single depth (cm)	17.0
DUN14 (inner)	05025768702220
Units per outer package	1
Packaging outer length / height (cm)	34.0
Packaging outer width (cm)	34.0
Packaging outer depth (cm)	17.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40