

# Solstice 150 2000lm 940 DALI Surface Mounted

Item No: 2070182

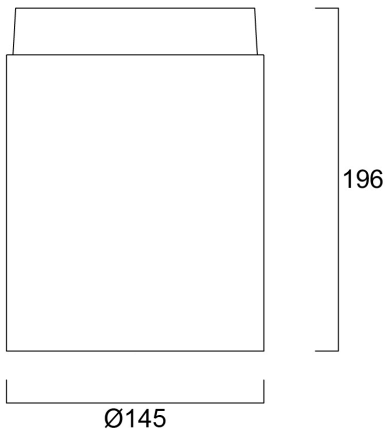
**Concord**



The Solstice 150 2000lm 940 DALI Surface Mounted is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP65, Overall dimensions: dia 145mm, height 196mm.

## Technical Assets

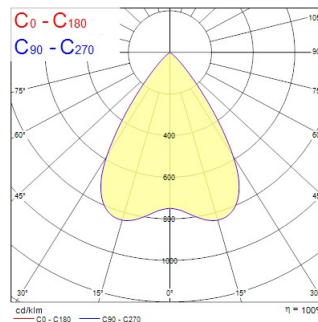
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [in]	Illuminance [lx]
0.5	0.69	507	20.0"	596
1.0	1.38	507	20.0"	150
1.5	2.08	507	20.0"	66
2.0	2.77	507	20.0"	37
2.5	3.46	507	20.0"	20
3.0	4.15	507	20.0"	11

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 66.4°)



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## General data

Product name	Solstice 150 2000lm 940 DALI Surface Mounted
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	4170404
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	125
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)	16
Supply current (A)	1
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.99
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)	415
Inrush Current (A)	15
Inrush Duration (µs)	220
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	28
Max. products per 13A C Breaker	40
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	28
Max. products per 10A B Breaker	18
Max. products per 13A B Breaker	18
Max. products per 16A B Breaker	28
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	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 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	196
Nominal Product Diameter (mm)	145
Max. Lamp Diameter (mm) - D	145
Weight (kg)	1.94

## Packaging

Product EAN number	5025768701827
Packaging single length / height (cm)	27.5
Packaging single width (cm)	27.5
Packaging single depth (cm)	26.5
DUN14 (inner)	05025768701827
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