

# Solstice 150 1200lm 930 DALI

Item No: 2070131

Concord



The Solstice 150 1200lm 930 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 3000K Warm White, Class II, Protection rating IP40/IP20, Cut out dimensions: 150mm.

## Technical Assets

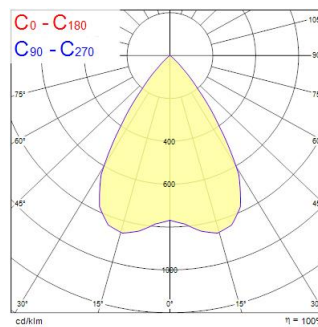
### Dimensions (mm)



### Photometrics

0.5	0.68	5071 5100	34.5°	3586 1189
1.0	1.36	5071 5100	34.5°	822 262
1.5	2.05	5071 5100	34.5°	410 130
2.0	2.73	5071 5100	34.5°	230 73
2.5	3.41	5071 5100	34.5°	147 47
3.0	4.09	5071 5100	34.5°	102 34

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 CO - C180 (Half beam angle: 66.6°)



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## General data

Product name	Solstice 150 1200lm 930 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	4262052
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1200
Luminaire efficacy (lm/W)	120
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	10
Supply current (A)	250
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 %	10
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)	250
Inrush Current (A)	15
Inrush Duration (µs)	243
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	40
Max. products per 13A C Breaker	56
Max. products per 16A C Breaker	64
Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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## Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L80 B10	120000
Lifespan L90 B10	108000

## 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)	100
Nominal Product Diameter (mm)	165
Built-in diameter (mm)	150
Max. Lamp Diameter (mm) - D	165
Weight (kg)	0.95
Recessed Depth (mm)	150

## Packaging

Product EAN number	5025768701315
Packaging single length / height (cm)	30.3
Packaging single width (cm)	30.3
Packaging single depth (cm)	18.0
DUN14 (inner)	05025768701315
Units per outer package	1
Packaging outer length / height (cm)	30.3
Packaging outer width (cm)	30.3
Packaging outer depth (cm)	18.0

## Safety data

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