

# Solstice 150 1050lm 940 DALI Surface Mounted BB

Item No: 2070190

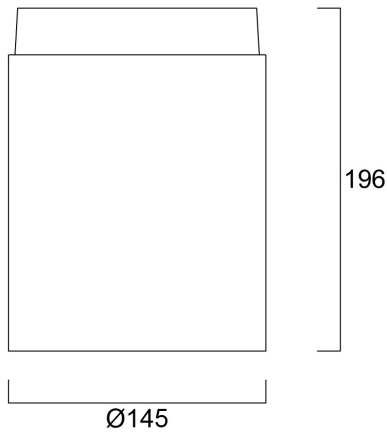
Concord



The Solstice 150 1050lm 940 DALI Surface Mounted BB - black reflector, black housing is a DALI dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Overall dimensions: dia 145mm, height 196mm. Finish Black reflector and Black housing.

## Technical Assets

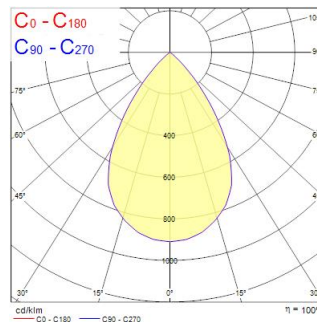
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.66	0.66	33°	321
1.0	1.32	1.32	33°	80
1.5	1.98	1.98	33°	45
2.0	2.65	2.65	33°	32
2.5	3.31	3.31	33°	21
3.0	3.97	3.97	33°	16

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 67.0°)



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## General data

Product name	Solstice 150 1050lm 940 DALI Surface Mounted BB
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	4170424
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1050
Luminaire efficacy (lm/W)	66
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	50
Max. products per 16A C Breaker	60
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	46
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 9005 - Jet black
IP rating	IP20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Height (mm)	196
Nominal Product Diameter (mm)	145
Max. Lamp Diameter (mm) - D	145
Weight (kg)	1.94

### Packaging

Product EAN number	5025768701902
Packaging single length / height (cm)	27.5
Packaging single width (cm)	27.5
Packaging single depth (cm)	26.5
DUN14 (inner)	05025768701902
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