

Concord

Solstice 150 1850lm 940 SSC01D WW
2070395



Features

- The Solstice 150 1850lm 940 SSC WW is a high efficient SSC WW dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 150mm.

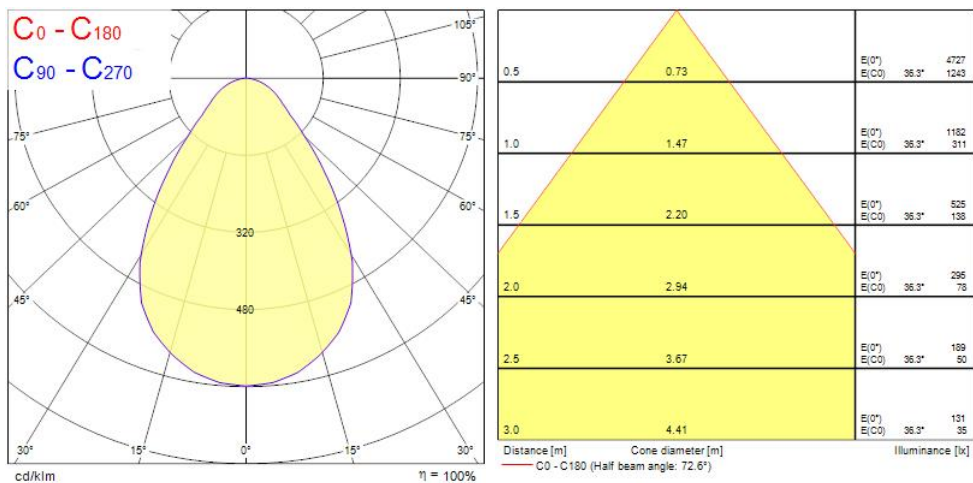
Product Overview

Product name	Solstice 150 1850lm 940 SSC01D WW
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4262070
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	123
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Warm White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Beam Angle (°)	70
Glare control	< 24
Photobiological Risk Group	RG0

Solstice 150 1850lm 940 SSC01D WW 2070395

Total power consumption (W)	15
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768703951
Warranty	5 years
Dimming method	SylSmart SSC

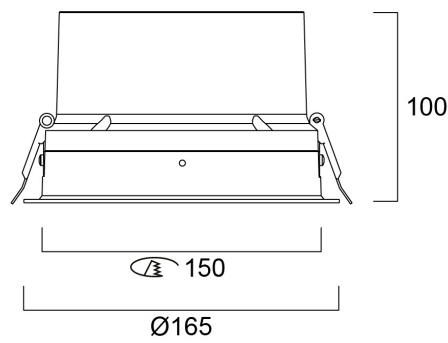
Photometry



Concord

Solstice 150 1850lm 940 SSC01D WW
2070395

Technical drawings



Data table

GENERAL DATA

Product name	Solstice 150 1850lm 940 SSC01D WW
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4262070
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	123

Concord

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LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 24
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	15
Current (A)	400
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 %	9
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	400
Inrush Current (A)	20
Inrush Duration (µs)	140
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

Concord

Solstice 150 1850lm 940 SSC01D WW 2070395

Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	21
Max. products per 13A B Breaker	28
Max. products per 16A B Breaker	35
Max. products per 20A B Breaker	44
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L80 B10	120000
Lifespan L90 B10	74000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
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	5025768703951
Packaging single length / height (cm)	27.5
Packaging single width (cm)	25.0

Concord

Solstice 150 1850lm 940 SSC01D WW
2070395

Packaging single depth (cm)	12.5
DUN14 (inner)	05025768703951
Units per outer package	1
Packaging outer length / height (cm)	27.5
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	12.5

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No