

Concord

Solstice 250 2400lm 940 SSA01D
2070296



Features

- The Solstice 250 2400lm 940 SSA01D is a high efficient SSAdimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 250mm.

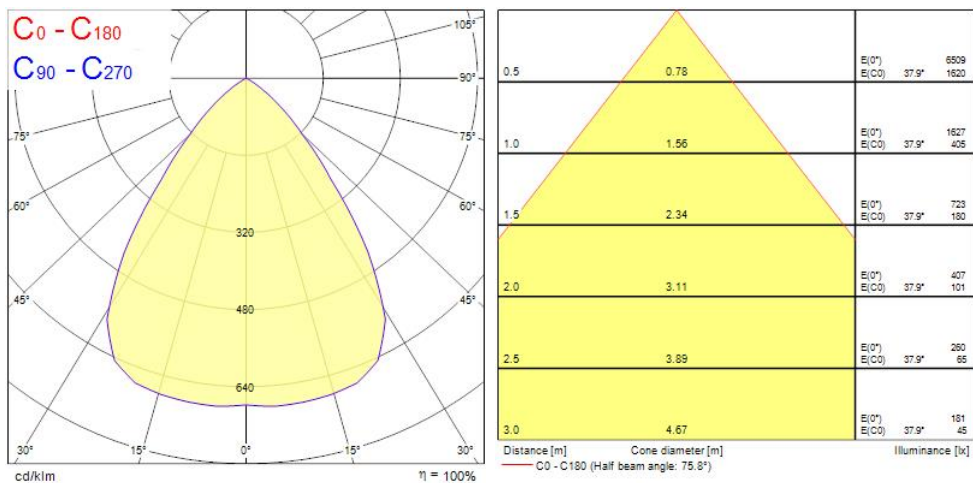
Product Overview

Product name	Solstice 250 2400lm 940 SSA01D
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4275576
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)	3
Beam Angle (°)	70
Glare control	< 19
Photobiological Risk Group	RG1

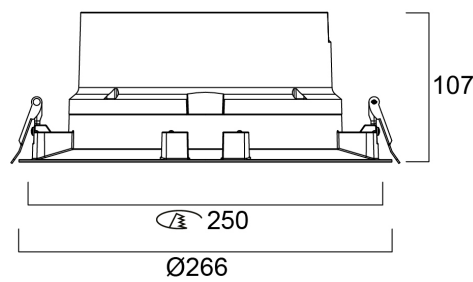
Solstice 250 2400lm 940 SSA01D 2070296

Total power consumption (W)	17
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	5025768702961
Warranty	5 years
Dimming method	SylSmart SSA

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Solstice 250 2400lm 940 SSA01D
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	4275576
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	141

Concord

Solstice 250 2400lm 940 SSA01D 2070296

LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	17
Current (A)	20
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
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	SylSmart SSA
Minimum dimming level (%)	1
Drive current (mA)	450
Inrush Current (A)	20
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	10

Concord

Solstice 250 2400lm 940 SSA01D 2070296

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	16
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

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP40/20
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)	0.95
Recessed Depth (mm)	150

PACKAGING

Product EAN number	5025768702961
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0

Concord

Solstice 250 2400lm 940 SSA01D
2070296

Packaging single depth (cm)	12.5
DUN14 (inner)	05025768702961
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
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