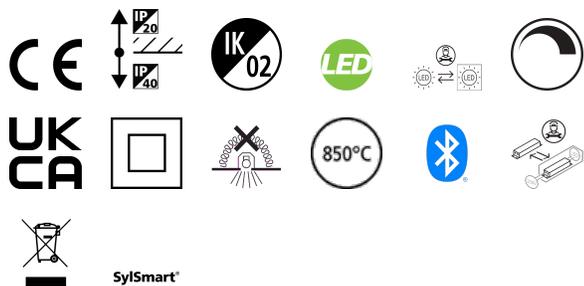# Solstice 200 2400lm 940 SSC01D

Code article 2070157
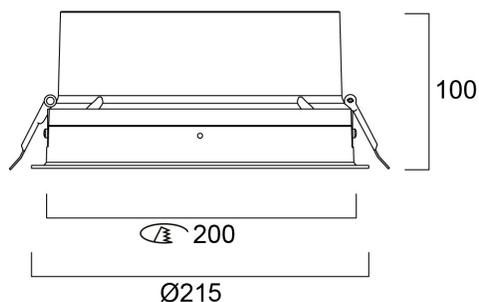
Concord

The Solstice 200 2400lm 940 SSC is a high efficient SSC dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 200mm.
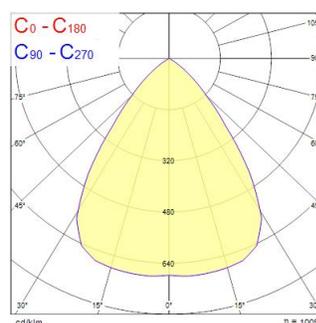
Atouts techniques

Dimensions (mm)

100

⊘ 200

Ø215

Photométrie

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	0.78	E(0°)	37.9°	6509
		E(C0)		1620
1.0	1.56	E(0°)	37.9°	1627
		E(C0)		405
1.5	2.34	E(0°)	37.9°	723
		E(C0)		180
2.0	3.11	E(0°)	37.9°	407
		E(C0)		101
2.5	3.89	E(0°)	37.9°	260
		E(C0)		65
3.0	4.67	E(0°)	37.9°	181
		E(C0)		45

— C0 - C180 (Half beam angle: 75.9°)

$C_0 - C_{180}$
$C_{90} - C_{270}$

320

480

640

cd/klm   η = 100%

Données générales

Nom du produit	Solstice 200 2400lm 940 SSC01D
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	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
Numéro virtuel FI	4262083
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	141
LOR (%)	100
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Caractéristiques électriques

Consommation électrique totale (W)	17
Actuel (A)	450
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 %	7
Electrical protection	Class II
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	450
Courant d'appel (A)	25
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	51
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	31
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	2.5

Solstice 200 2400lm 940 SSC01D

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Durée de vie

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

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Finition réflecteur	High-gloss
Nominal Product Height (mm)	100
Nominal Product Diameter (mm)	215
Built-in diameter (mm)	200
Max. Lamp Diameter (mm) - D	215
Poids (kg)	1.5
Recessed Depth (mm)	150

Emballage

Product EAN number	5025768701575
Longueur simple de l'emballage (cm)	30.3
Largeur simple de l'emballage (cm)	30.3
Packaging single depth (cm)	18.0
DUN14 (inner)	05025768701575
Units per outer package	1
Packaging outer length / height (cm)	30.3
Packaging outer width (cm)	30.3
Packaging outer depth (cm)	18.0

Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	-10-40