Solstice 200 1800lm LUMI 930 DALI

Code article 2070160

Concord

The Solstice 200 1800lm LUMI 930 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>97, Colour temperature: 3000K Warm White, Class II, Protection rating IP40/IP20, Cut out dimensions: 200mm.Melanopic Ratio /MEER 0.619

Atouts techniques

Dimensions (mm)

100

200

Ø215

Photométrie

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	0.77	E(0°)		5011
		E(C0)	37.6°	1280
1.0	1.54	E(0°)		1253
		E(C0)	37.6°	315
1.5	2.31	E(0°)		557
		E(C0)	37.6°	140
2.0	3.08	E(0°)		313
		E(C0)	37.6°	79
2.5	3.85	E(0°)		200
		E(C0)	37.6°	50
3.0	4.62	E(0°)		139
		E(C0)	37.6°	35

— C0 - C180 (Half beam angle: 75.2°)

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

320

460

640

cd/klm   η = 100%

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Données générales

Nom du produit	Solstice 200 1800lm LUMI 930 DALI
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	4262087
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	1800
Luminaire efficacy (lm/W)	100
LOR (%)	100
Température de couleur (K)	3000
Couleur de lumière	Warm White
IRC (Ra)	97
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)	18
Actuel (A)	500
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	DALI, DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	500
Courant d'appel (A)	25
Inrush Duration (µs)	141
Energy Efficiency Class (A->G) of contained light source	E
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

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Durée de vie

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L80 B10	90000
Lifespan L90 B10	90000

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	5025768701605
Longueur simple de l'emballage (cm)	30.3
Largeur simple de l'emballage (cm)	30.3
Packaging single depth (cm)	18.0
DUN14 (inner)	05025768701605
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