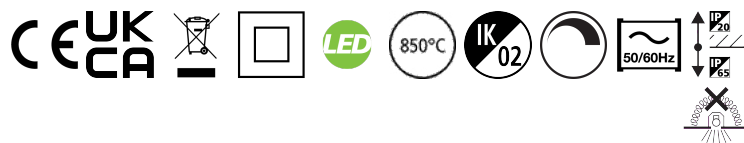


Concord

Solstice 200 IP65 2200lm 940 DALI
2070174



Features

- The Solstice 200 IP65 2200lm 940 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP65/IP20, Cut out dimensions: 200mm.

Product Overview

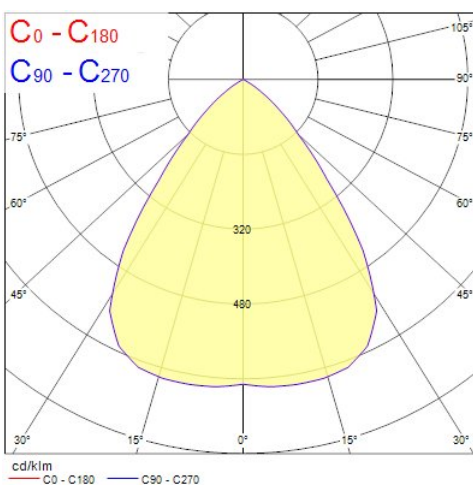
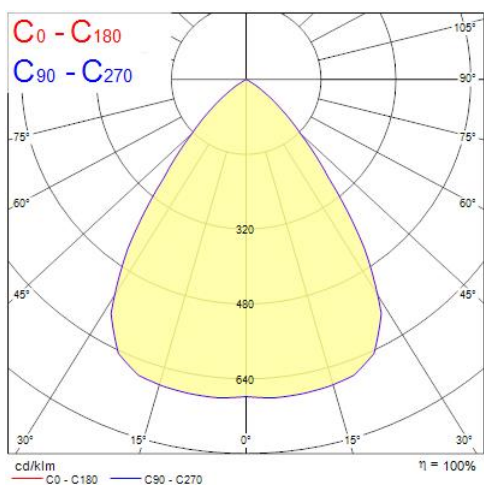
Product name	Solstice 200 IP65 2200lm 940 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	2200
Luminous flux (lm)	2200
Luminaire efficacy (lm/W)	129
LOR (%)	100
Colour temperature (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

Concord

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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	IP65/20
IK rating	IK02
Product EAN number	5025768701742
Warranty	5 years
Useful luminous flux (#use)	2200
Dimming method	DALI, DALI-2, Switch-dim (mains-rated)

Photometry



0.5	0.78	E(0°) E(C0)	37.9°	6509 1620
1.0	1.56	E(0°) E(C0)	37.9°	1627 405
1.5	2.34	E(0°) E(C0)	37.9°	723 180
2.0	3.11	E(0°) E(C0)	37.9°	407 101
2.5	3.89	E(0°) E(C0)	37.9°	280 65
3.0	4.67	E(0°) E(C0)	37.9°	181 45

Distance [m] Cone diameter [m] Illuminance [lx]
 C₀ - C₁₈₀ (Half beam angle: 75.8°)

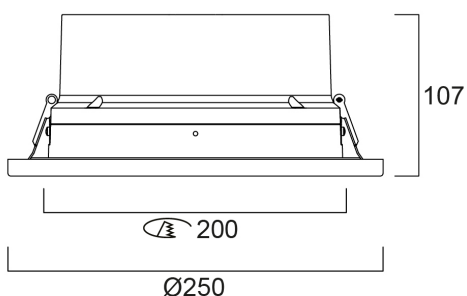
Concord

Solstice 200 IP65 2200lm 940 DALI 2070174

0.5	0.79	E(0°) E(C0)	38.4°	5722 1406
1.0	1.59	E(0°) E(C0)	38.4°	1430 351
1.5	2.38	E(0°) E(C0)	38.4°	636 156
2.0	3.17	E(0°) E(C0)	38.4°	358 88
2.5	3.96	E(0°) E(C0)	38.4°	229 56
3.0	4.76	E(0°) E(C0)	38.4°	159 39

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 76.6°)

Technical drawings



Data table

GENERAL DATA

Product name	Solstice 200 IP65 2200lm 940 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium

Concord

Solstice 200 IP65 2200lm 940 DALI 2070174

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
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	2200
Fixture luminous flux (lm)	2200
Luminous flux (lm)	2200
Luminaire efficacy (lm/W)	129
LOR (%)	100
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
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Control gear type	LED driver constant current

Concord

Solstice 200 IP65 2200lm 940 DALI 2070174

Dimmable	Yes
Dimming method	DALI, DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	450
Inrush Current (A)	25
Inrush Duration (µs)	141
Glow Wire Test (°C)	850
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

LIFETIME DATA

Lifespan L70 B50	120000
Lifespan L70 B20	120000
Lifespan L70 B10	120000
Lifespan L80 B50	120000
Lifespan L80 B20	120000
Lifespan L80 B10	120000
Lifespan L90 B50	77000
Lifespan L90 B20	70000
Lifespan L90 B10	68000

Concord

Solstice 200 IP65 2200lm 940 DALI
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PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP65/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	100
Nominal Product Diameter (mm)	215
Cutout Dimensions (W x L in mm or Diameter in mm)	200
Max. Lamp Diameter (mm) - D	215
Weight (kg)	0.95
Recessed Depth (mm)	150

PACKAGING

Product EAN number	5025768701742
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	12.5
DUN14 (outer)	05025768701742
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

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