Concord

CONCORD BEACON 4000K SM WIDE SSC WHITE
2062513

Features

• Simple and slick integral design with no driver box and without any visible screws New technology utilization for improved performance Extremely precise light beams due to the high-quality lenses #80mm die-cast aluminium body, Fix beam angle: 55° , Textured white finishing colour Light color temperature: 4000K, natural light System power: 18W, Fixture lumen output: 1600lm, efficacy: 89lm/W, Ra97 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation Operating voltage 220-240V / 50-60Hz, electronic driver, dimmable via SylSmart Standalone SSC Surface mounting with surface mounting base. Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 355°, vertical tilt: 90° Nominal product dimensions: D.80mmx200mm 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting
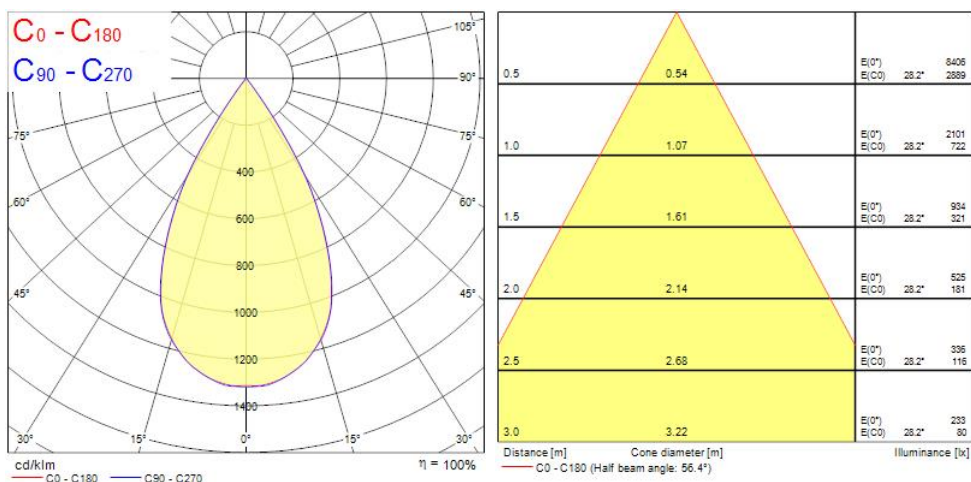
Product Overview

Product name	CONCORD BEACON 4000K SM WIDE SSC WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
ETIM Class	EC001744
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	89
LOR (%)	100

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Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Variation Initial (SDCM)	2
Beam Angle (°)	55
Photobiological Risk Group	RG1
Total power consumption (W)	18
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768625130
Warranty	5 years
Dimming method	SylSmart SSC
Useful luminous flux (#use)	1550

Photometry

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.54	E(0°)	8406
		E(C0) 28.2°	2889
1.0	1.07	E(0°)	2101
		E(C0) 28.2°	722
1.5	1.61	E(0°)	934
		E(C0) 28.2°	321
2.0	2.14	E(0°)	525
		E(C0) 28.2°	181
2.5	2.68	E(0°)	336
		E(C0) 28.2°	116
3.0	3.22	E(0°)	233
		E(C0) 28.2°	80

C0 - C180 (Half beam angle: 56.4°)

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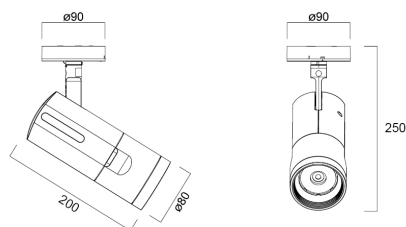
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Technical drawings

Data table

GENERAL DATA

Product name	CONCORD BEACON 4000K SM WIDE SSC WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
Operating temperature range (°C)	-10°C...+35°C
ETIM Class	EC001744
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	1550
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	89
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Variation Initial (SDCM)	2

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Luminous Intensity (cd)	1600
Beam Angle (°)	55
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	18
Current (A)	0.082
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $_\le$ xx.x %	8.2
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)	500
Inrush Current (A)	20
Inrush Duration (µs)	25
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	50
Max. products per 13A C Breaker	104
Max. products per 16A C Breaker	136
Max. products per 20A C Breaker	166
Max. products per 10A B Breaker	50
Max. products per 13A B Breaker	62
Max. products per 16A B Breaker	80
Max. products per 20A B Breaker	100

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LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	56000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Diffuser finish	Other
Diffuser material	PMMA Acrylic
Reflector finish	None
Nominal Product Length (mm)	200
Nominal Product Width (mm)	80
Nominal Product Height (mm)	250
Nominal Product Diameter (mm)	80
Weight (kg)	1.02

PACKAGING

Product EAN number	5025768625130
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768625130
Units per outer package	1
Packaging outer length / height (cm)	30.5
Packaging outer width (cm)	13.5
Packaging outer depth (cm)	20.5

SAFETY DATA

Optimal operating condition (°C)	-10-35
Special purpose lamp	No
Dry applications use only	Yes

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Suitable for household illumination	No

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