Concord

CONCORD BEACON MUSE 2700K SSC WHITE
2062571

Features

• Simple and slick integral design with no driver box and without any visible screws New technology utilization for improved performance Invisible in-track adaptor for an impressive architectural look Extremely precise light beams due to the high-quality lens #80mm die-cast aluminium body, Adjustable beam angle:between 8° - 55° , Textured white finishing colour Light color temperature: 2700K, candle light System power: 18W, Fixture lumen output: 940lm, efficacy: 52lm/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, SylSmart SSC suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet. Compatible with OneTrack Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 355°, vertical tilt: 90° Nominal product dimensions: D.80mmx215mm 5 years warranty. Suitable for track mounting
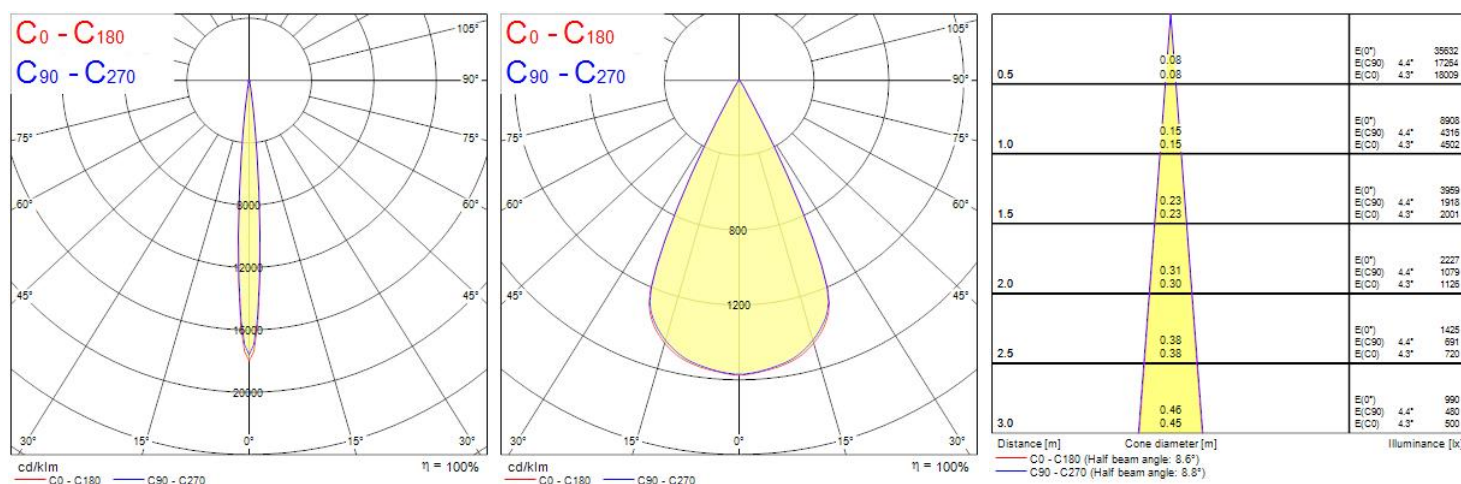
Product Overview

Product name	CONCORD BEACON MUSE 2700K SSC WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
ETIM Class	EC001744
E-number FI	4170391
Fixture luminous flux (lm)	940

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Luminaire efficacy (lm/W)	52
LOR (%)	100
Correlated colour temperature (k)	2700
Light colour	Candlelight
CRI (Ra)	97
Colour Variation Initial (SDCM)	2
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	5025768625710
Warranty	5 years
Dimming method	SylSmart SSC

Photometry

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Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.48	E(0°)	5922
		E(C0) 25.7°	2207
1.0	0.96	E(0°)	1480
		E(C0) 25.7°	552
1.5	1.44	E(0°)	658
		E(C0) 25.7°	245
2.0	1.93	E(0°)	370
		E(C0) 25.7°	138
2.5	2.41	E(0°)	237
		E(C0) 25.7°	88
3.0	2.89	E(0°)	164
		E(C0) 25.7°	61

— C0 - C180 (Half beam angle: 51.4°)
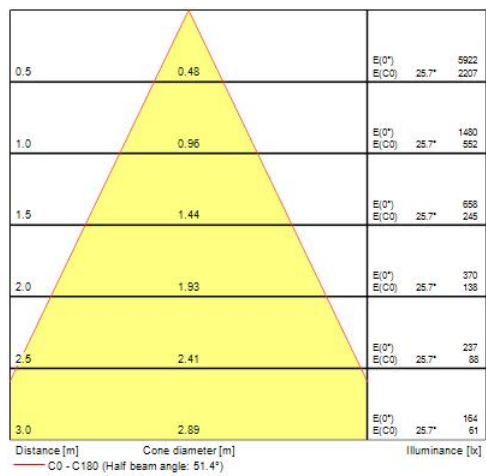
Technical drawings

173
15
270
215
Ø80
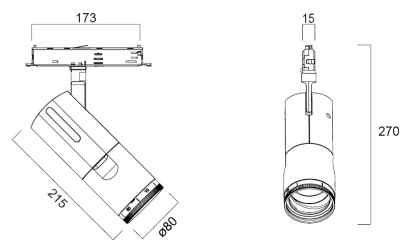
Data table

GENERAL DATA

Product name	CONCORD BEACON MUSE 2700K SSC WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
Operating temperature range (°C)	-10°C...+35°C
ETIM Class	EC001744
E-number FI	4170391

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Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	940
Luminaire efficacy (lm/W)	52
LOR (%)	100
Correlated colour temperature (k)	2700
Light colour	Candlelight
CRI (Ra)	97
Colour Variation Initial (SDCM)	2
Luminous Intensity (cd)	940
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) $\leq$ 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
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz

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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

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	49000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Diffuser finish	Frosted
Diffuser material	Other
Reflector finish	Matt
Nominal Product Length (mm)	215
Nominal Product Width (mm)	80
Nominal Product Height (mm)	270
Nominal Product Diameter (mm)	80
Weight (kg)	0.94

PACKAGING

Product EAN number	5025768625710
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768625710
Units per outer package	1

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Packaging outer length / height (cm)	30.5
Packaging outer width (cm)	13.5
Packaging outer depth (cm)	20.5

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-35
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	No

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