

Concord Beacon Muse Tune SM Dali Black

Item No: 2062912

Concord



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 10° - 50° , Textured black finishing colour
 Light color temperature: 2700 - 6500K, tunable white
 System power: 21W, Fixture lumen output: 235-760lm, efficacy: 36lm/W, Ra98 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation
 Operating voltage 220-240V / 50-60Hz, DALI dimmable
 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.80mm x 215mm
 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

Technical Assets

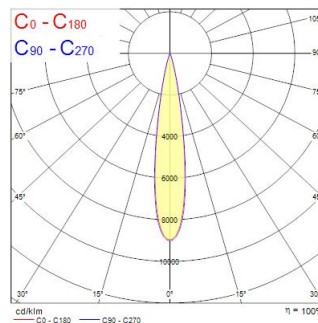
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.15	0.15	0.15	19491
		E10°	E10°	8000
		E10°	E10°	8000
1.0	0.31	0.30	0.30	4133
		E10°	E10°	2000
		E10°	E10°	2000
1.5	0.46	0.45	0.45	1832
		E10°	E10°	900
		E10°	E10°	900
2.0	0.62	0.60	0.60	1031
		E10°	E10°	450
		E10°	E10°	450
2.5	0.77	0.76	0.76	660
		E10°	E10°	251
		E10°	E10°	251
3.0	0.93	0.91	0.91	408
		E10°	E10°	153
		E10°	E10°	153

Distance [m] Cone diameter [m] Beam diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 17.0°)
 — C90 - C270 (Half beam angle: 17.0°)



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General data

Product name	Concord Beacon Muse Tune SM Dali Black
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries, Retail
Operating temperature range (°C)	-10°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	235-760
Luminaire efficacy (lm/W)	36
LOR (%)	100
Light colour	Tuneable White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM2
Luminous Intensity (cd)	760
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	21
Supply current (A)	0.089
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) ≤ xx.x %	6.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	4.5
Inrush Duration (µs)	38
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	73
Max. products per 13A C Breaker	152
Max. products per 16A C Breaker	198
Max. products per 20A C Breaker	243
Max. products per 10A B Breaker	73
Max. products per 13A B Breaker	91
Max. products per 16A B Breaker	117
Max. products per 20A B Breaker	146

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	56650

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Physical data

Housing colour	RAL 9005 - Jet black
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
Weight (kg)	1.02

Packaging

Product EAN number	5025768629121
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768629121
Units per inner package	1
Packaging inner length / height (cm)	46.3
Packaging inner width (cm)	56.5
Packaging inner depth (cm)	0.7
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-35
Dry applications use only	Yes