

Concord Beacon Muse Tune Dali White

Item No: 2062907

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 white 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 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.80mm x 215mm. 5 years warranty. Suitable for track mounting.

Technical Assets

Dimensions (mm)

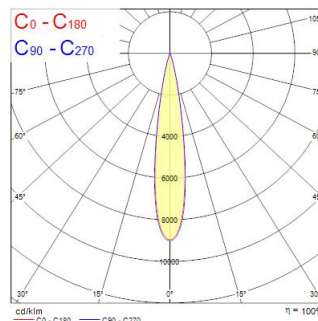


Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.15	0.15	19491
		Beam diameter [m]	8000
		Beam diameter [m]	8000
1.0	0.31	0.30	4133
		Beam diameter [m]	2000
		Beam diameter [m]	2000
1.5	0.46	0.45	1832
		Beam diameter [m]	800
		Beam diameter [m]	800
2.0	0.62	0.60	1031
		Beam diameter [m]	450
		Beam diameter [m]	450
2.5	0.77	0.76	660
		Beam diameter [m]	320
		Beam diameter [m]	320
3.0	0.93	0.91	438
		Beam diameter [m]	230
		Beam diameter [m]	230

Distance [m] Cone 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 Dali White
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
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 9016 - Traffic white / Bezel
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)	0.94

Packaging

Product EAN number	5025768629077
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768629077
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