

# Concord Beacon Muse 4000k Dali Black

Item No: 2062588

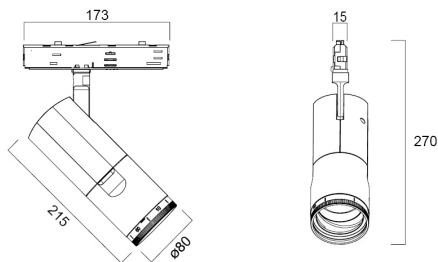
# Concord



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  $\varnothing 80\text{mm}$  die-cast aluminium body, Adjustable beam angle: between  $8^\circ - 55^\circ$ , Textured black finishing colour Light color temperature: 4000K, natural light System power: 18W, Fixture lumen output: 1100lm, efficacy: 61lm/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, 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:  $355^\circ$ , vertical tilt:  $90^\circ$  Nominal product dimensions: D.80mmx215mm 5 years warranty. Suitable for track mounting

## Technical Assets

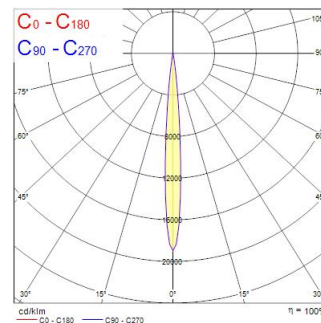
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.05	0.071	0.071	4135
		0.071	0.071	3180
1.0	0.15	0.171	0.171	1649
		0.171	0.171	850
1.5	0.23	0.271	0.271	668
		0.271	0.271	284
2.0	0.30	0.371	0.371	315
		0.371	0.371	130
2.5	0.38	0.471	0.471	167
		0.471	0.471	68
3.0	0.45	0.571	0.571	102
		0.571	0.571	38

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 8.6°)



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## General data

Product name	Concord Beacon Muse 4000k Dali Black
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
Operating temperature range (°C)	-10°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4170402
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	61
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Variation Initial (SDCM)	SDCM2
Luminous Intensity (cd)	1100
Distribution type	Symmetric
Photobiological Risk Group	RG1

## Electrical data

Emergency type	
Total power consumption (W)	18
Supply current (A)	0.084
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 %	10
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)	16
Inrush Duration (µs)	100
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 16A C Breaker	70
Max. products per 16A B Breaker	55

## Lifetime data

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

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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)	0.94

## Packaging

Product EAN number	5025768625888
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768625888
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