

# Concord Beacon 4000k SM Narrow Dali Black

Item No: 2062552

**Concord**



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 ø80mm die-cast aluminium body, Fix beam angle: 19°, Textured black finishing colour Light color temperature: 4000K, natural light System power: 18W, Fixture lumen output: 1900lm, efficacy: 106lm/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, 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.80mmx200mm 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

## Technical Assets

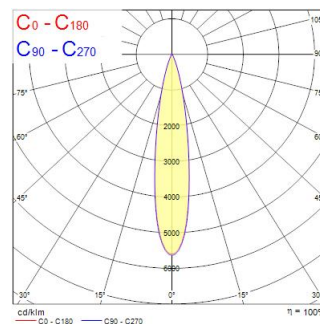
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.17 0.17	4211 20790 2565
1.0	0.33 0.34	1063 5188 639
1.5	0.50 0.51	476 2209 223
2.0	0.67 0.68	283 1367 128
2.5	0.84 0.85	176 830 82
3.0	1.00 1.01	114 518 57

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 19.0°)  
 — C90 - C270 (Half beam angle: 19.0°)



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### General data

Product name	Concord Beacon 4000k SM Narrow 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	Museums & Galleries, Retail, Hospitality
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)	1900
Luminaire efficacy (lm/W)	106
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Variation Initial (SDCM)	SDCM2
Luminous Intensity (cd)	1900
Beam Angle (°)	19
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	56000

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## Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Diffuser finish	Other
Diffuser material	PMMA Acrylic
Reflector finish	Not Applicable
Nominal Product Length (mm)	200
Nominal Product Width (mm)	80
Nominal Product Height (mm)	250
Weight (kg)	1.2

## Packaging

Product EAN number	5025768625529
Packaging single length / height (cm)	30.5
Packaging single width (cm)	13.5
Packaging single depth (cm)	20.5
DUN14 (inner)	05025768625529
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