

Concord

CONCORD BEACON MUSE 2700K DALI BLACK 2062586



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 black 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, 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.80mmx215mm

5 years warranty. Suitable for track mounting

Product Overview

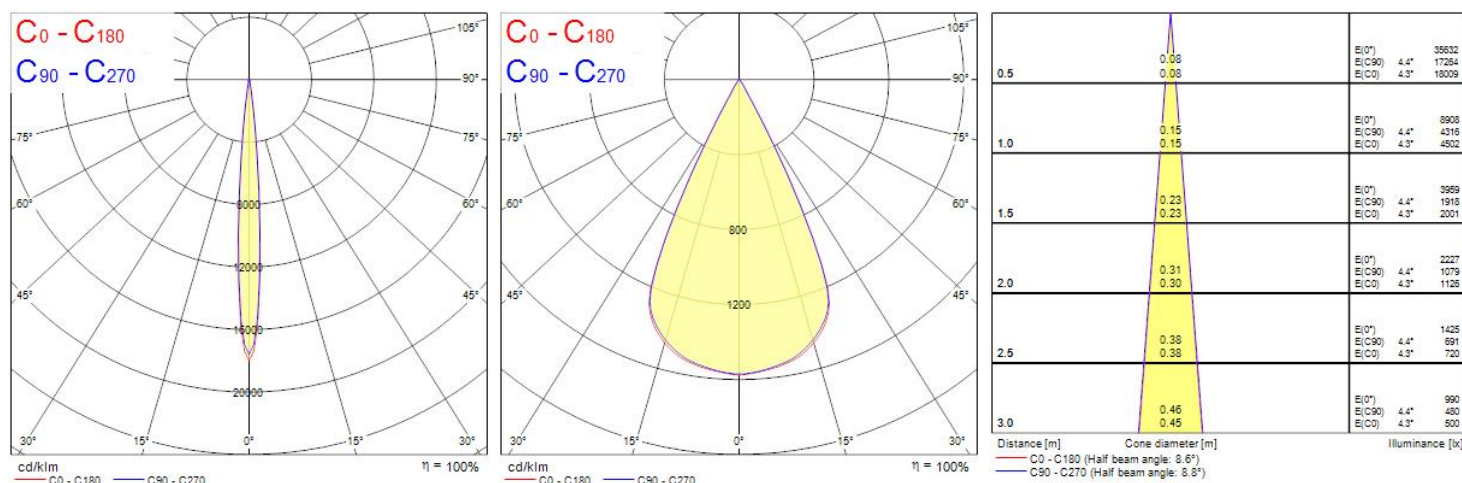
Product name	CONCORD BEACON MUSE 2700K DALI BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Fixture rating	Enclosed
General application	Museums & Galleries, Retail, Hospitality
ETIM Class	EC001744
E-number FI	4170400
Fixture luminous flux (lm)	940

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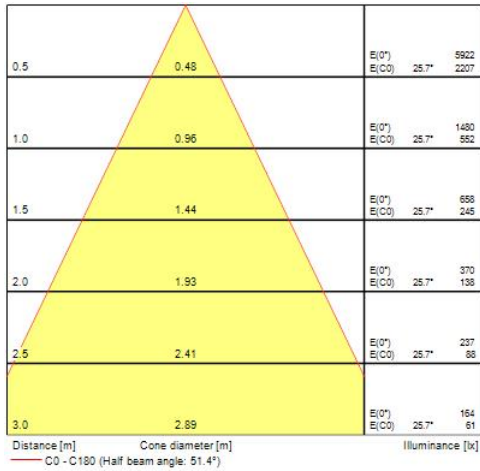
Luminaire efficacy (lm/W)	52
LOR (%)	100
Correlated colour temperature (k)	2700
Light colour	Candlelight
CRI (Ra)	97
Colour Variation Initial (SDCM)	2
Beam Angle (°)	55
Photobiological Risk Group	RG1
Total power consumption (W)	18
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768625864
Warranty	5 years
Dimming method	DALI
Useful luminous flux (#use)	940

Photometry

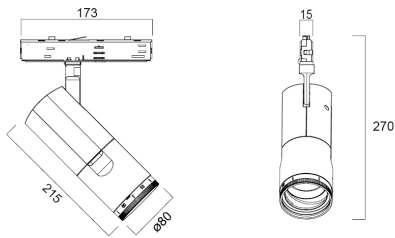


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Technical drawings



Data table

GENERAL DATA

Product name	CONCORD BEACON MUSE 2700K DALI BLACK
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	4170400

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Warranty	5 years
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OPTICAL DATA

Useful luminous flux (#use)	940
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
Beam Angle (°)	55
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	18
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 required	No
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
Glow Wire Test (°C)	650

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Energy Efficiency Class (A->G) of contained light source	F
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Nominal Frequency (Hz)	50/60Hz
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Max. products per 10A C Breaker	50
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Max. products per 16A C Breaker	70
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Max. products per 16A B Breaker	55
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LIFETIME DATA

Lifespan L70 B50	100000
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Lifespan L80 B50	100000
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Lifespan L90 B50	49000
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PHYSICAL DATA

Housing colour	RAL 9005 - Jet black
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IP rating	IP20
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IK rating	IK02
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Diffuser finish	Frosted
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Diffuser material	Other
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Reflector finish	Matt
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Nominal Product Length (mm)	215
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Nominal Product Width (mm)	80
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Nominal Product Height (mm)	270
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Nominal Product Diameter (mm)	80
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Weight (kg)	0.94
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PACKAGING

Product EAN number	5025768625864
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Packaging single length / height (cm)	30.5
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Packaging single width (cm)	13.5
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Packaging single depth (cm)	20.5
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DUN14 (inner)	05025768625864
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Units per outer package	1
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Packaging outer length / height (cm)	30.5
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Packaging outer width (cm)	13.5
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Packaging outer depth (cm)	20.5
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SAFETY DATA

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