

# BEACON MUSE TUNE II LS3 O/B BLACK

Item No: 2059966

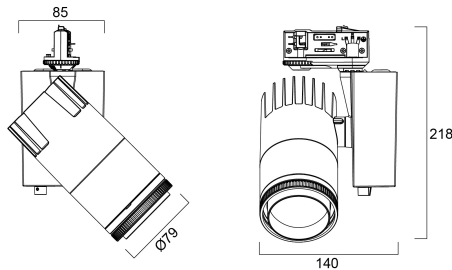
Concord



Integrated LED spotlight, Black - RAL9005 unique soft-touch ring, adjustable beam angle from a 8° spot to a 40° flood, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink. Beam angle: 8° spot to 40° flood, color temperature: 1800-6500K Tuneable white , total system power: 18W, total fixture output: 102/163 lm, LOR: 100%, colour rendering: CRI: 93 typical, LED Chromaticity: 3 step MacAdam ellipse, lifetime: 35,000hours at L70B50, energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, dimmable and tuneable via on-board potentiometer, power factor: 0.9, electrical protection: Class II, Lytespan 3 - Three Circuit Adaptor suitable for Concord Lytespan track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x140x216mm, weight: 0.96kg.

## Technical Assets

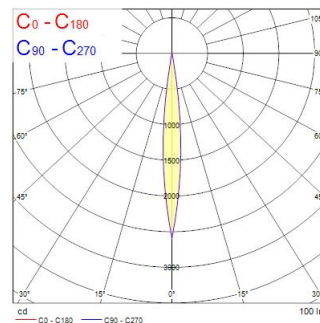
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.10	Ø101	5.5°	1027
1.0	0.19	Ø101	5.5°	259
1.5	0.29	Ø101	5.5°	115
2.0	0.39	Ø101	5.5°	68
2.5	0.48	Ø101	5.5°	41
3.0	0.58	Ø101	5.5°	28

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 11.0°)



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## General data

Product name	BEACON MUSE TUNE II LS3 O/B BLACK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Fixture rating	Enclosed
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	100/165
Luminaire efficacy (lm/W)	-
LOR (%)	100
Light colour	Tuneable White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM2
Distribution type	Adjustable
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	18
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Integral
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
Inrush Current (A)	27.9
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	55
Max. products per 13A C Breaker	72
Max. products per 16A C Breaker	89
Max. products per 20A C Breaker	111
Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	43
Max. products per 16A B Breaker	53
Max. products per 20A B Breaker	66

## Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	79500
Lifespan L90 B50	69500
Lifespan L90 B20	54500
Lifespan L90 B10	47500

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## Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	140
Nominal Product Height (mm)	218
Weight (kg)	1.34

## Packaging

Product EAN number	5025768599660
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	17.0
DUN14 (inner)	05025768599660
Units per outer package	1
Packaging outer length / height (cm)	18.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	17.0

## Safety data

Dry applications use only	Yes
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