

# BEACON XL TUNE II MB O/B LS3 BLACK

Item No: 2059987

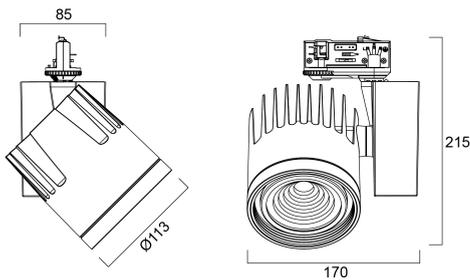
Concord



Integrated LED spotlight, Black RAL9005, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 32° (Medium Beam) optics, color temperature: 1800-6500K Tuneable white, total system power: 33W, total fixture output: 2027lm, luminaire efficacy: 61lm/W, LOR: 100%, colour rendering: Ra: 90 typical, LED Chromaticity: 3step 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 via on-board potentiometer, power factor: 0.9 electrical protection: Class I, 3-circuit track adaptor suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø113x165x1205mm, weight: 1.66kg.

## Technical Assets

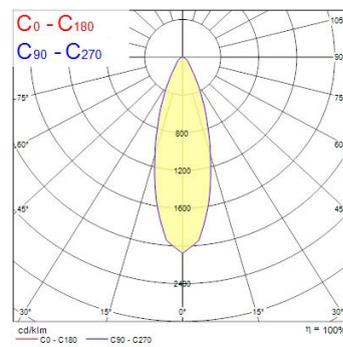
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> [lx]	E <sub>0</sub> <sup>(2)</sup> E <sub>(C0)</sub> [lx]
0.5	0.29	1637	748
1.0	0.58	409	187
1.5	0.87	181	83
2.0	1.16	102	47
2.5	1.45	67	29
3.0	1.74	48	21

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 32.4°)



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## General data

Product name	BEACON XL TUNE II MB O/B LS3 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

Useful luminous flux ( $\Phi_{use}$ )	2027
Fixture luminous flux (lm)	2027
Luminaire efficacy (lm/W)	61
LOR (%)	100
Light colour	Tuneable White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM2
Beam Angle (°)	32
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	33
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	Mains: leading / trailing edge
Minimum dimming level (%)	1
Inrush Current (A)	27.9
Inrush Duration ( $\mu$ s)	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
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## Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	170
Nominal Product Width (mm)	113
Nominal Product Height (mm)	215
Weight (kg)	1.7

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### Packaging

Product EAN number	5025768599875
Packaging single length / height (cm)	26.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768599875
Units per outer package	1
Packaging outer length / height (cm)	26.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	20.0

### Safety data

Dry applications use only | Yes