

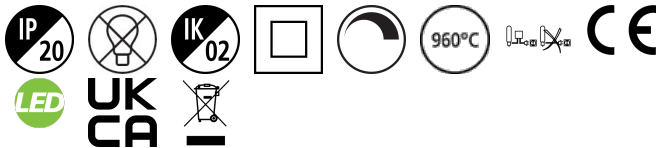
Beacon LED Muse Tune

Beacon Muse Tune 90CRI On-board DIM White L3
2059767



Product features

- Integrated LED spotlight, White - RAL9016 unique soft-touch ring, adjustable beam angle from a 10° 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: 10° spot to 40° flood, color temperature: 2100-4300K Tuneable white, total system power: 21W, total fixture output: 71/134 lm, LOR: 100%, colour rendering: CRI: 93 typical, LED Chromaticity: 3 step MacAdam ellipse, lifetime: >70000 hours 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.



PRODUCT OVERVIEW

Product name	Beacon Muse Tune 90CRI On-board DIM White L3
Technology	LED
Housing	Aluminium
Mount	Track mounting
General application	Hospitality, Museums & Galleries
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	71/134
LOR (%)	100
Light colour	Tuneable White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG0
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Integral
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597673

DATA TABLE

General data

Product name	Beacon Muse Tune 90CRI On-board DIM White L3
Technology	LED

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Housing	Aluminium
Mount	Track mounting
General application	Hospitality, Museums & Galleries
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	71/134
LOR (%)	100
Correlated colour temperature range (K)	2100 - 4300
Light colour	Tuneable White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Distribution type	Adjustable
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	21
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	Yes
Control gear type	Electronic ballast
Control gear mounting	Integral
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	958
Inrush Current (A)	27.9
Inrush Duration (µs)	190
Glow Wire Test (°C)	960
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	33
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 16A B Breaker	32

Lifetime data

Lifespan L70 B50	70000
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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Width (mm)	140
Nominal Product Height (mm)	216
Nominal Product Diameter (mm)	80
Weight (kg)	1.34

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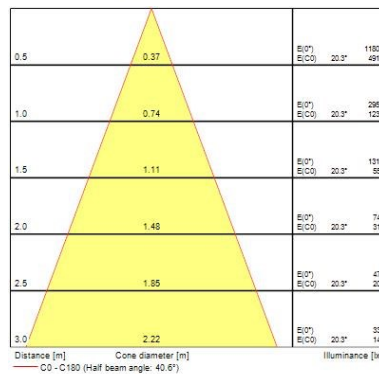
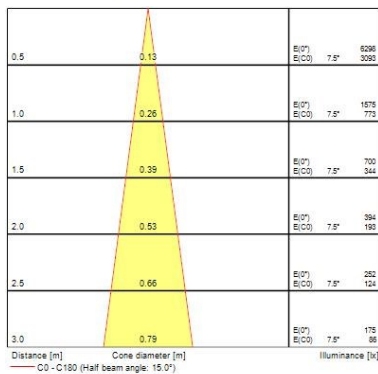
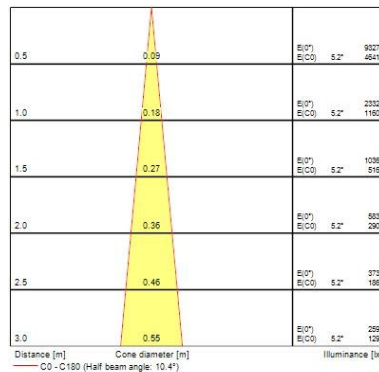
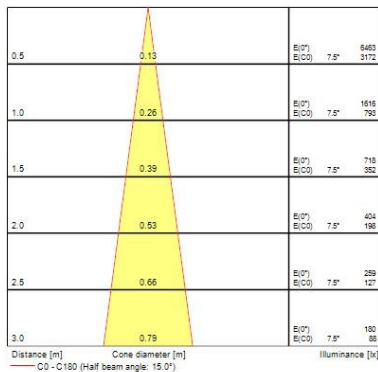
Packaging

Single packaging type	Carton
Product EAN number	5025768597673
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	17.0
DUN14 (outer)	05025768597673
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

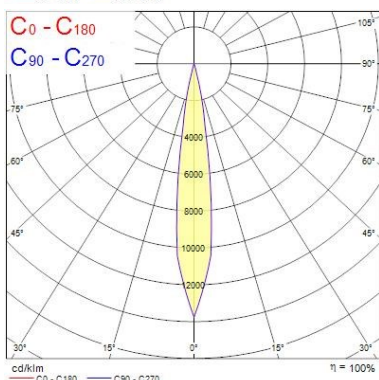
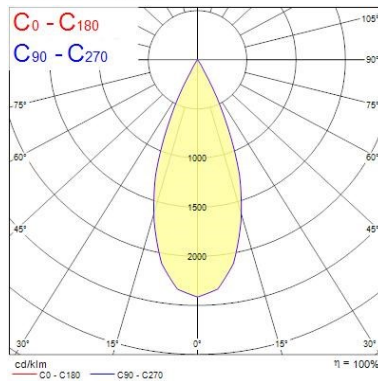
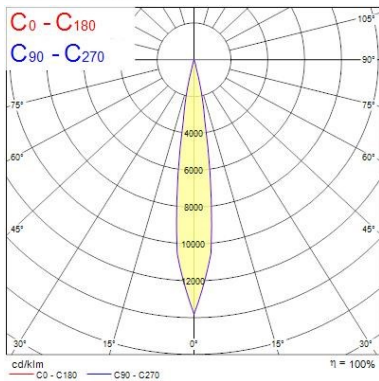
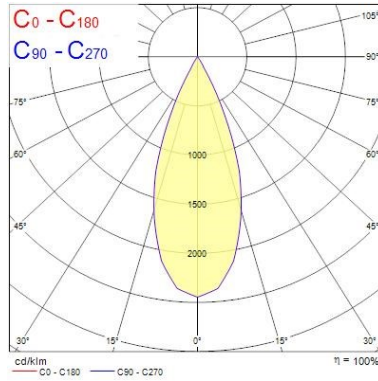
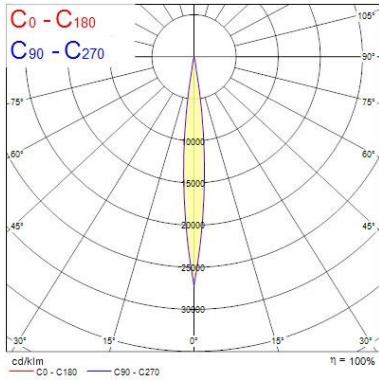
Dry applications use only	Yes
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PHOTOMETRY



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0.5	0.13	E(0°) E(C0)	7.5°	583 287
1.0	0.26	E(0°) E(C0)	7.5°	146 74
1.5	0.39	E(0°) E(C0)	7.5°	65 32
2.0	0.53	E(0°) E(C0)	7.5°	36 18
2.5	0.66	E(0°) E(C0)	7.5°	23 11
3.0	0.79	E(0°) E(C0)	7.5°	16 8

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 15.0°) Illuminance [lx]

0.5	0.09	E(0°) E(C0)	5.2°	814 442
1.0	0.18	E(0°) E(C0)	5.2°	203 110
1.5	0.27	E(0°) E(C0)	5.2°	90 48
2.0	0.36	E(0°) E(C0)	5.2°	53 27
2.5	0.46	E(0°) E(C0)	5.2°	37 17
3.0	0.55	E(0°) E(C0)	5.2°	28 13

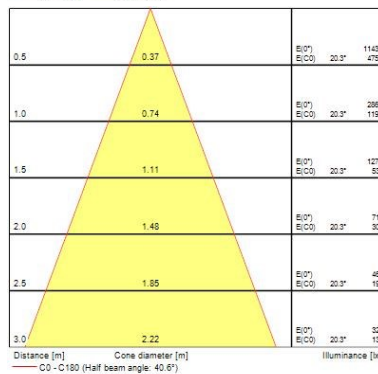
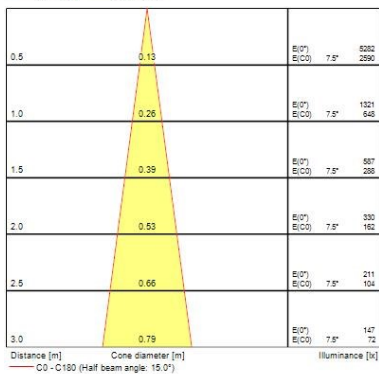
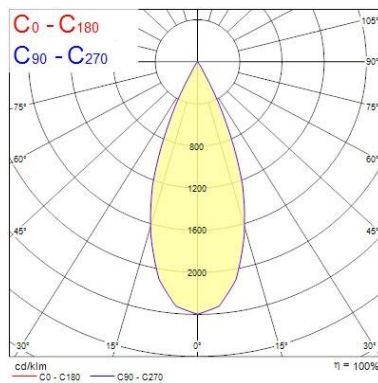
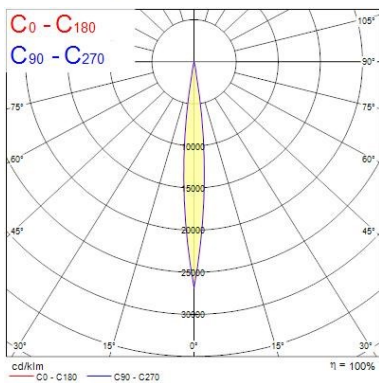
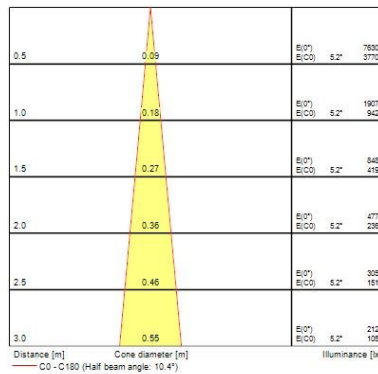
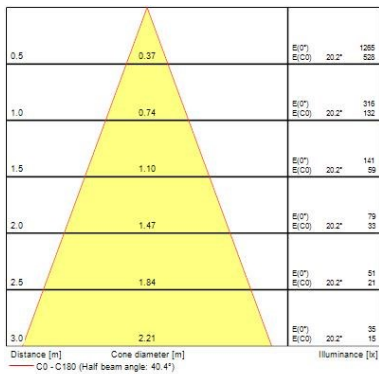
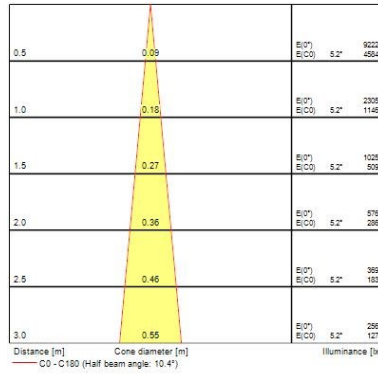
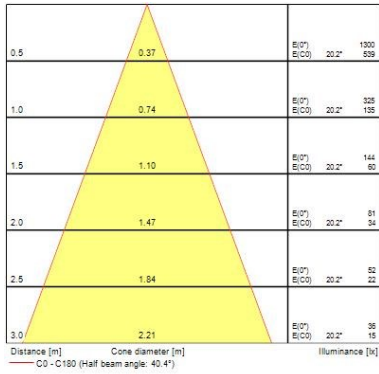
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 10.4°) Illuminance [lx]

0.5	0.37	E(0°) E(C0)	20.1°	123 51
1.0	0.73	E(0°) E(C0)	20.1°	30 13
1.5	1.10	E(0°) E(C0)	20.1°	13 5
2.0	1.46	E(0°) E(C0)	20.1°	7 3
2.5	1.83	E(0°) E(C0)	20.1°	4 2
3.0	2.20	E(0°) E(C0)	20.1°	3 1

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 40.2°) Illuminance [lx]

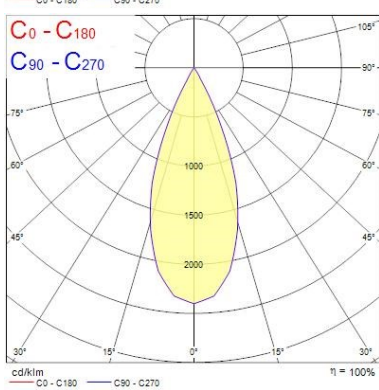
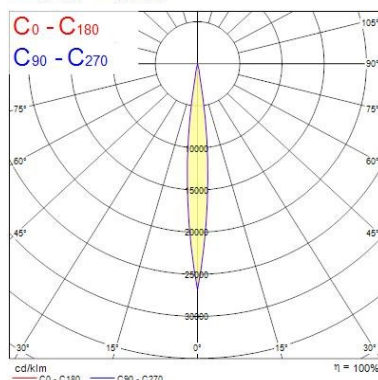
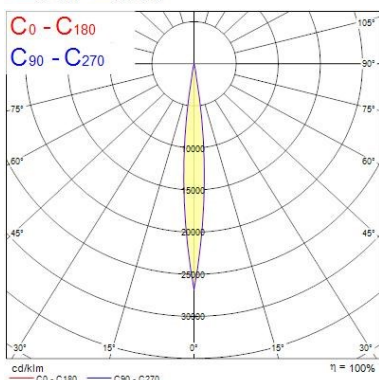
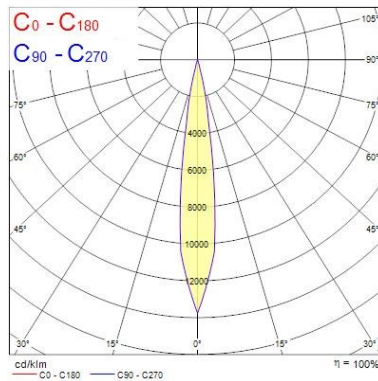
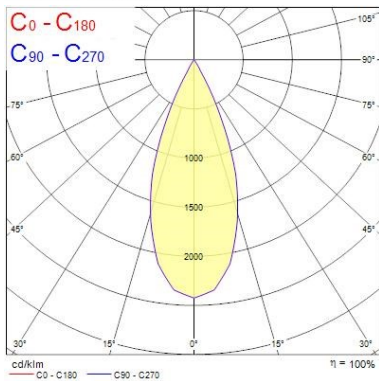
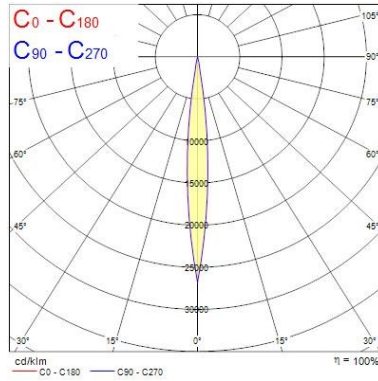
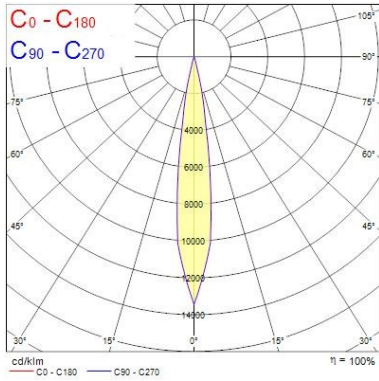
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0.5	0.13	E(0°) E(C0)	7.5°	5945 2915
1.0	0.26	E(0°) E(C0)	7.5°	1488 729
1.5	0.39	E(0°) E(C0)	7.5°	681 324
2.0	0.53	E(0°) E(C0)	7.5°	372 182
2.5	0.66	E(0°) E(C0)	7.5°	238 117
3.0	0.79	E(0°) E(C0)	7.5°	165 81
Distance [m]		Cone diameter [m]		Illuminance [lx]
C0 - C180 (Half beam angle: 15.0°)				

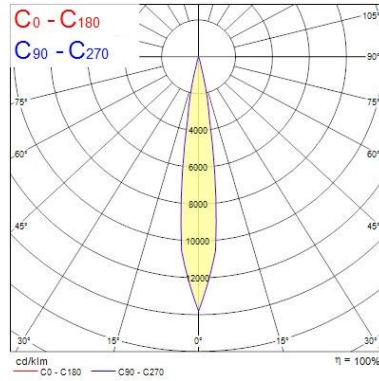
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0.5	0.09	E(0°) E(C0)	5.2°	9012 4463
1.0	0.18	E(0°) E(C0)	5.2°	2263 1117
1.5	0.27	E(0°) E(C0)	5.2°	1001 496
2.0	0.36	E(0°) E(C0)	5.2°	553 279
2.5	0.46	E(0°) E(C0)	5.2°	360 179
3.0	0.55	E(0°) E(C0)	5.2°	250 124

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 10.4°)



TECHNICAL DRAWINGS

