

Beacon LED Muse Tune

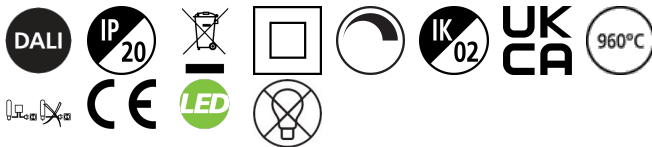
Beacon Muse Tune 90CRI DALI White L3

2059769



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 DALI, 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 DALI 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	5025768597697

DATA TABLE

General data

Product name	Beacon Muse Tune 90CRI DALI White L3
Technology	LED
Housing	Aluminium

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Mount	Track mounting
General application	Hospitality, Museums & Galleries
Performance ambient temperature Tq (°C)	25
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

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Weight (kg)	1.34
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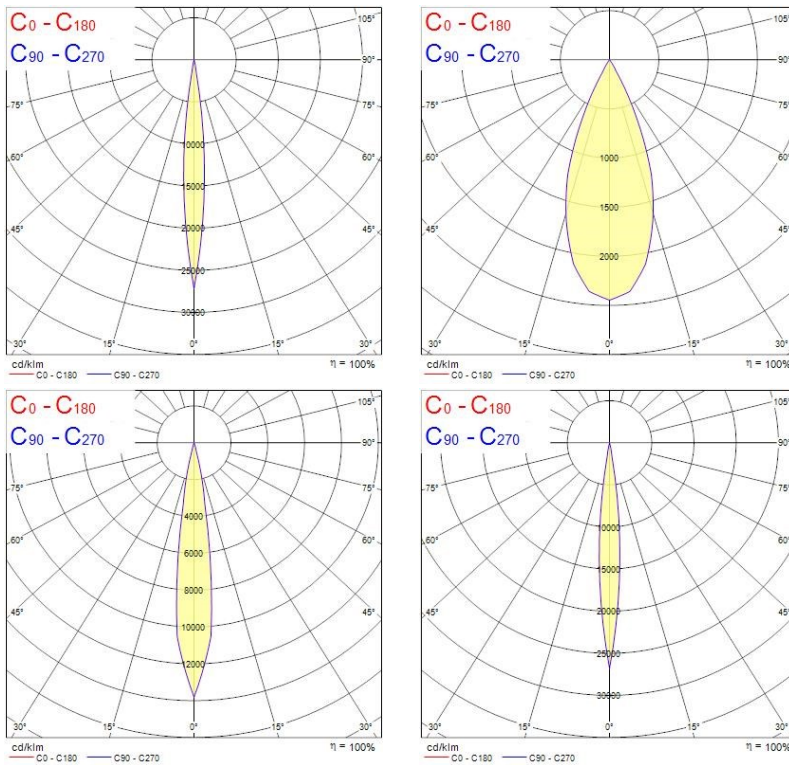
Packaging

Single packaging type	Carton
Product EAN number	5025768597697
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	17.0
DUN14 (outer)	05025768597697
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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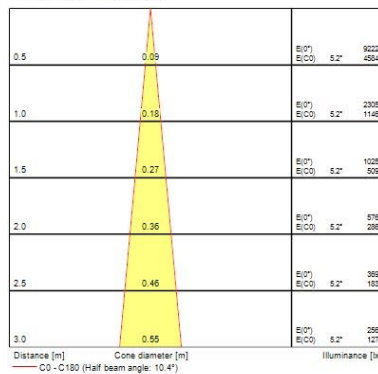
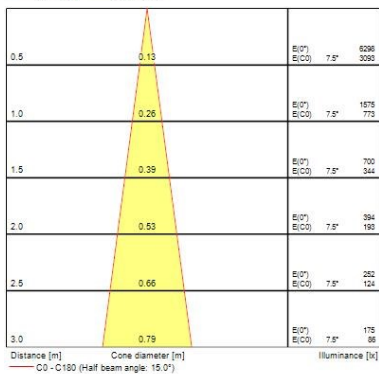
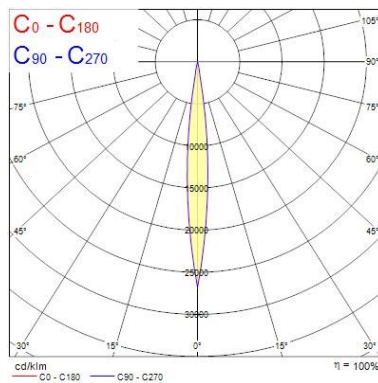
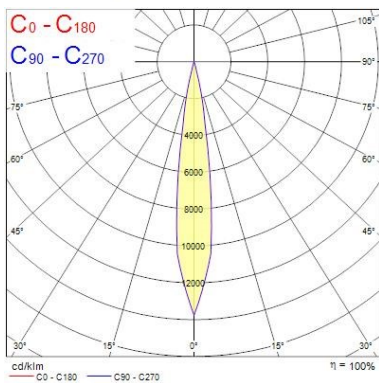
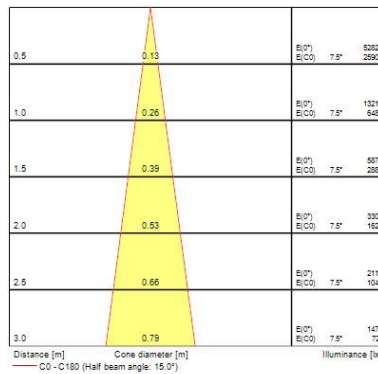
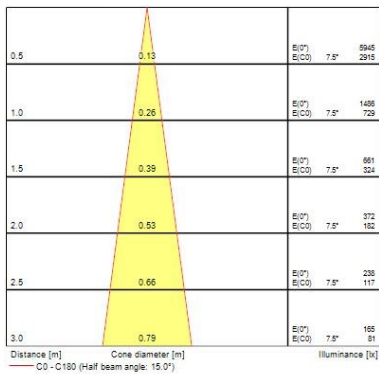
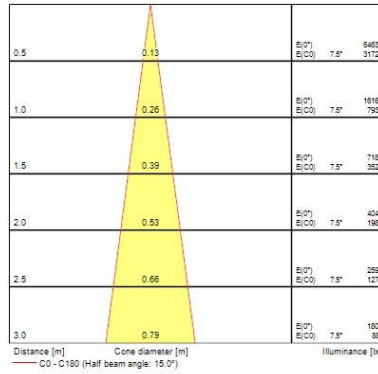
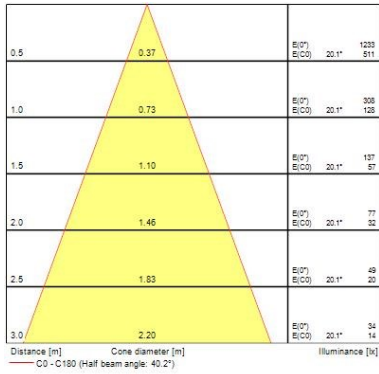
PHOTOMETRY



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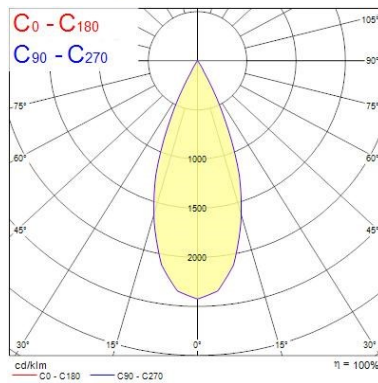
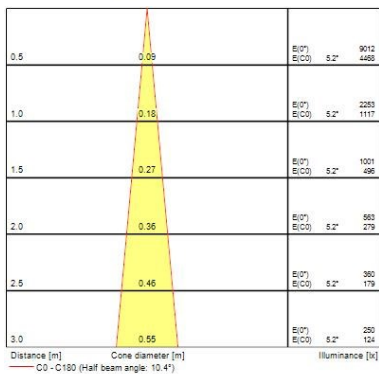
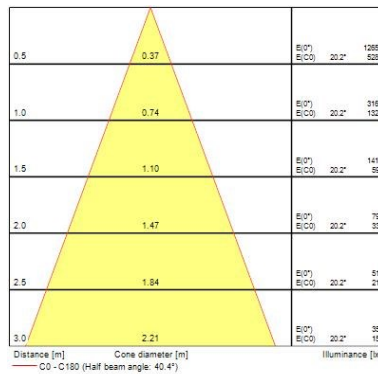
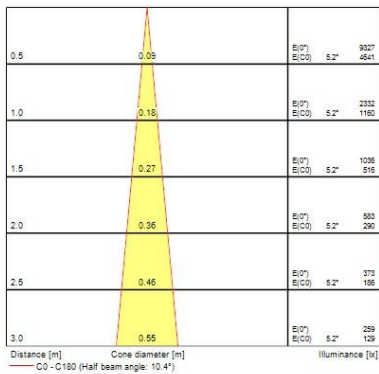
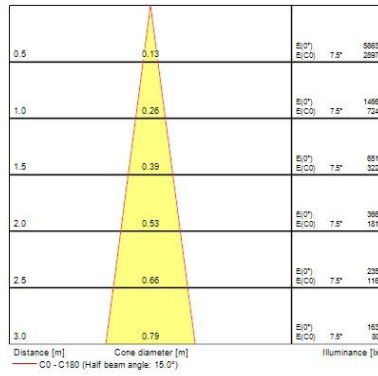
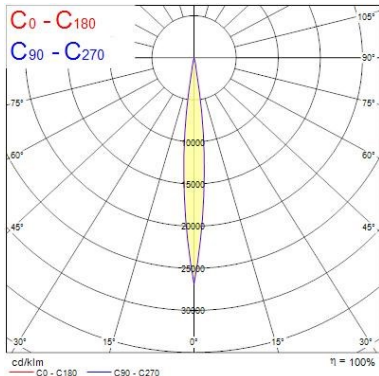
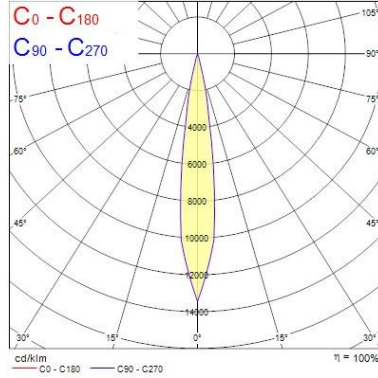
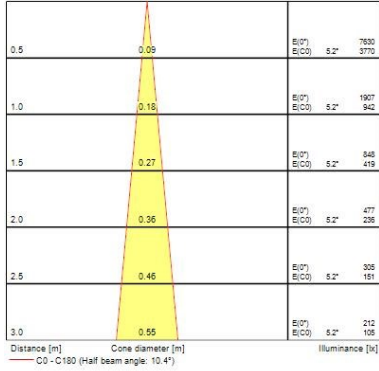
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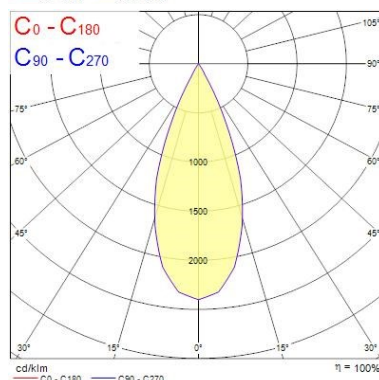
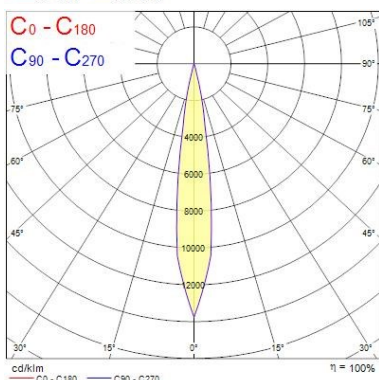
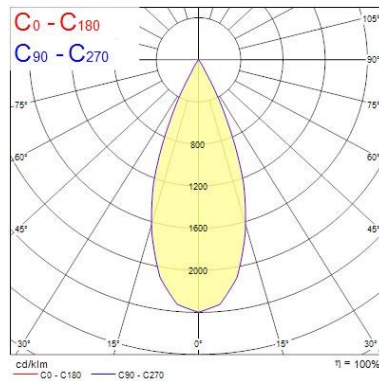
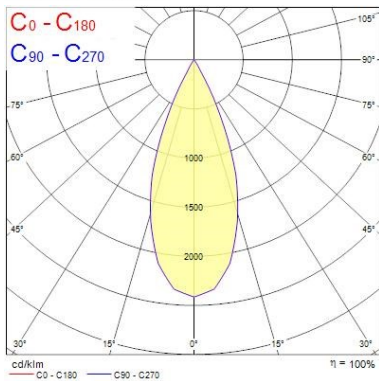
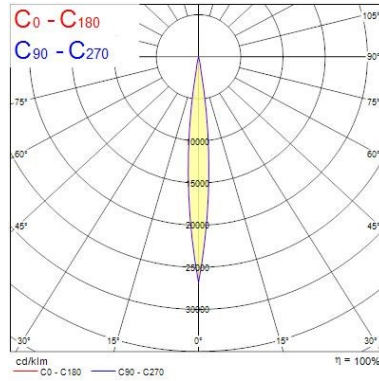
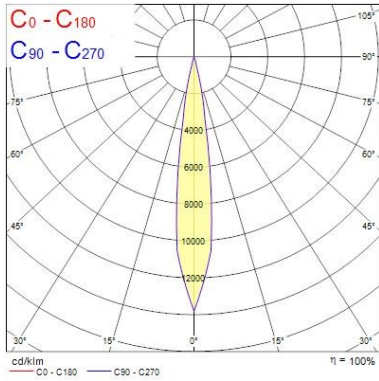
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0.5	0.09	E(0°) E(C0)	8.2°	8914 4428
1.0	0.18	E(0°) E(C0)	8.2°	2229 1107
1.5	0.27	E(0°) E(C0)	8.2°	990 492
2.0	0.36	E(0°) E(C0)	8.2°	557 277
2.5	0.46	E(0°) E(C0)	8.2°	357 177
3.0	0.55	E(0°) E(C0)	8.2°	248 123

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

C0 - C180 (Half beam angle: 10.4°)

0.5	0.37	E(0°) E(C0)	20.2°	1300 559
1.0	0.74	E(0°) E(C0)	20.2°	325 135
1.5	1.10	E(0°) E(C0)	20.2°	144 60
2.0	1.47	E(0°) E(C0)	20.2°	81 34
2.5	1.84	E(0°) E(C0)	20.2°	52 22
3.0	2.21	E(0°) E(C0)	20.2°	36 16

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

C0 - C180 (Half beam angle: 40.4°)

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0.5	0.37	E(0°) E(C0)	20.3°	1180 491
1.0	0.74	E(0°) E(C0)	20.3°	296 123
1.5	1.11	E(0°) E(C0)	20.3°	131 55
2.0	1.48	E(0°) E(C0)	20.3°	74 31
2.5	1.85	E(0°) E(C0)	20.3°	47 20
3.0	2.22	E(0°) E(C0)	20.3°	33 14

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 40.6°)

0.5	0.37	E(0°) E(C0)	20.3°	1143 478
1.0	0.74	E(0°) E(C0)	20.3°	266 119
1.5	1.11	E(0°) E(C0)	20.3°	127 53
2.0	1.48	E(0°) E(C0)	20.3°	71 30
2.5	1.85	E(0°) E(C0)	20.3°	48 19
3.0	2.22	E(0°) E(C0)	20.3°	32 13

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 40.6°)

TECHNICAL DRAWINGS

