

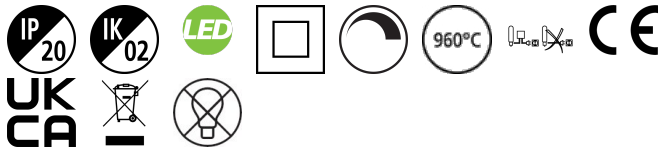
## Beacon LED Muse Tune

Beacon Muse Tune 90CRI SylSmart Wireless SSC01 White L1  
2059765



### 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 Sylsmart Wireless SSC01 solution, power factor: 0.9, electrical protection: Class II, Lytespan 1 - Single Circuit Adaptor suitable for Concord Lytespan track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x140x196mm, weight: 0.96kg.



### PRODUCT OVERVIEW

Product name	Beacon Muse Tune 90CRI SylSmart Wireless SSC01 White L1
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	5025768597659

### DATA TABLE

#### General data

Product name	Beacon Muse Tune 90CRI SylSmart Wireless SSC01 White L1
Technology	LED

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

### Optical data

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

### Electrical data

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

### Lifetime data

<b>Lifespan L70 B50</b>	70000
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### Physical data

<b>Housing colour</b>	RAL 9016 - Traffic white / Bezel
<b>IP rating</b>	IP20
<b>IK rating</b>	IK02
<b>Diffuser finish</b>	Frosted
<b>Diffuser material</b>	PC Polycarbonate
<b>Nominal Product Width (mm)</b>	140
<b>Nominal Product Height (mm)</b>	196
<b>Nominal Product Diameter (mm)</b>	80
<b>Weight (kg)</b>	1.34

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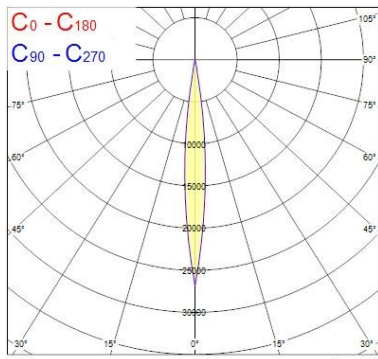
### Packaging

Single packaging type	Carton
Product EAN number	5025768597659
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	17.0
DUN14 (outer)	05025768597659
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

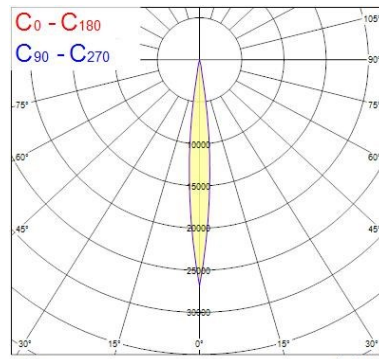
Dry applications use only	Yes
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)	Illuminance [lx]
0.5	0.09	9327	5.2°	4641
1.0	0.18	2332	5.2°	1160
1.5	0.27	1036	5.2°	515
2.0	0.36	583	5.2°	290
2.5	0.45	373	5.2°	188
3.0	0.55	259	5.2°	129

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

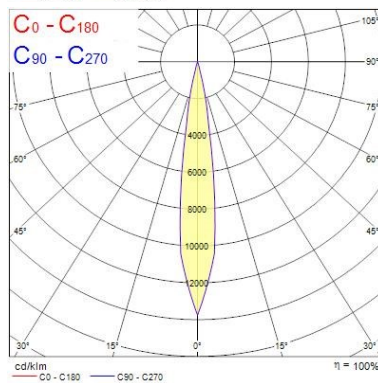
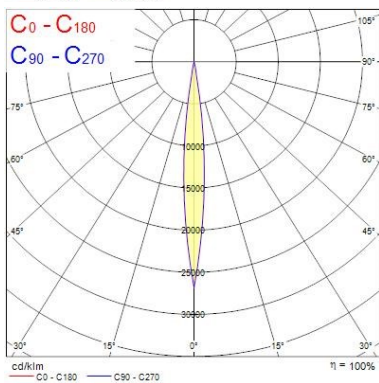
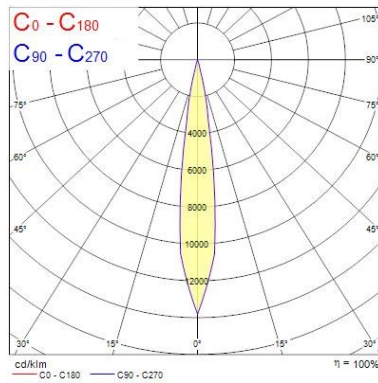
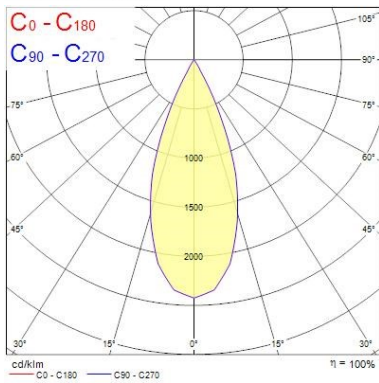
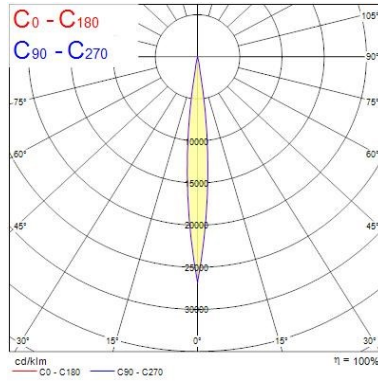
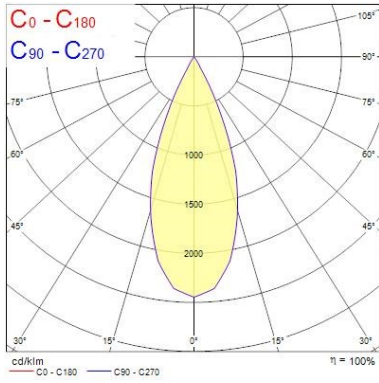


Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)	Illuminance [lx]
0.5	0.37	1288	20.2°	638
1.0	0.74	316	20.2°	132
1.5	1.10	141	20.2°	58
2.0	1.47	79	20.2°	33
2.5	1.84	51	20.2°	21
3.0	2.21	35	20.2°	15

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 40.4°)

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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°)

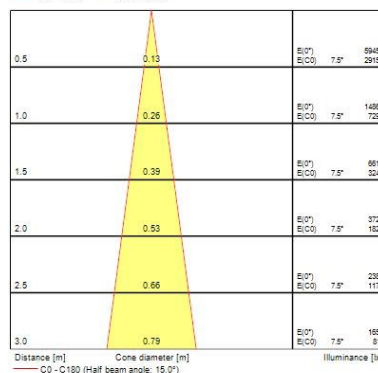
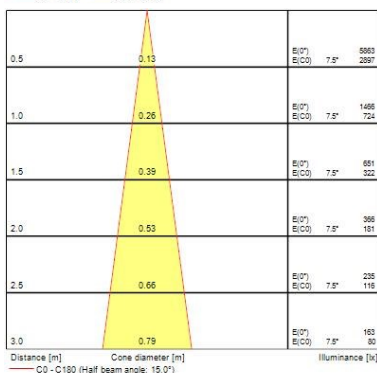
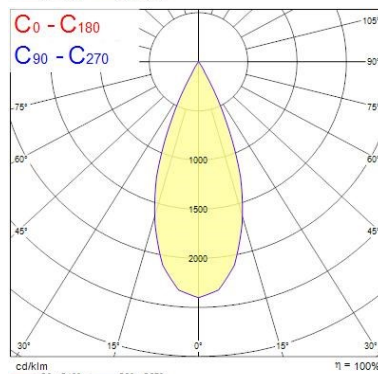
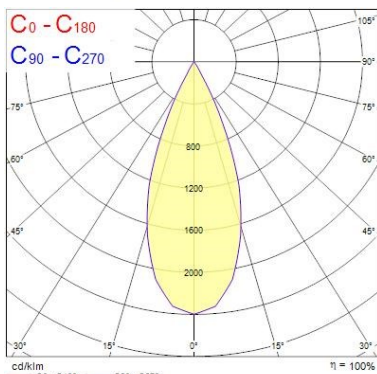
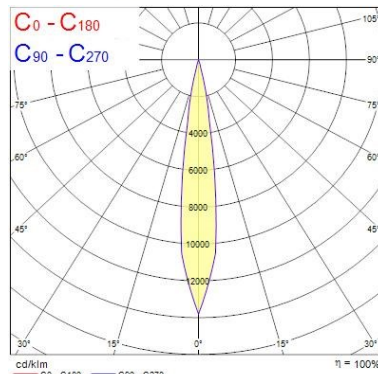
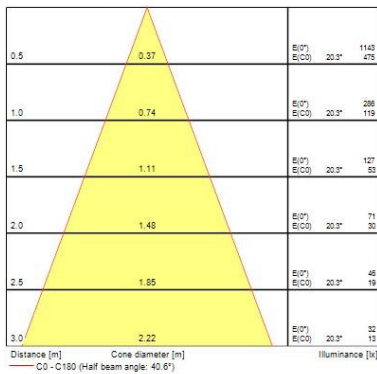
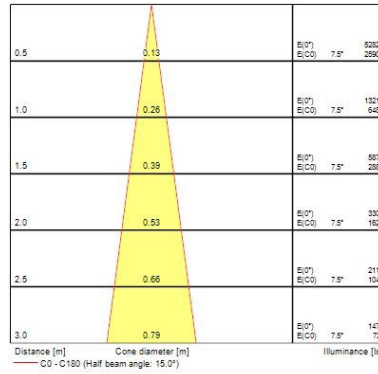
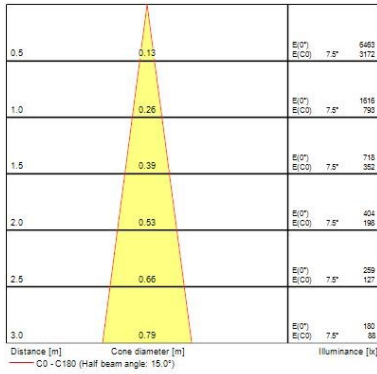
0.5	0.37	E(0°) E(C0)	20.1°	1233 511
1.0	0.73	E(0°) E(C0)	20.1°	308 123
1.5	1.10	E(0°) E(C0)	20.1°	137 57
2.0	1.46	E(0°) E(C0)	20.1°	77 32
2.5	1.83	E(0°) E(C0)	20.1°	49 20
3.0	2.20	E(0°) E(C0)	20.1°	34 14

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

C0 - C180 (Half beam angle: 40.2°)

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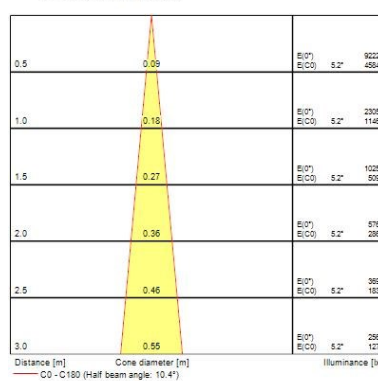
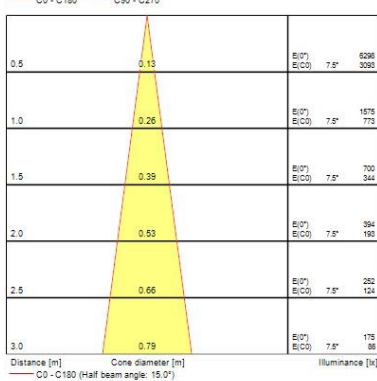
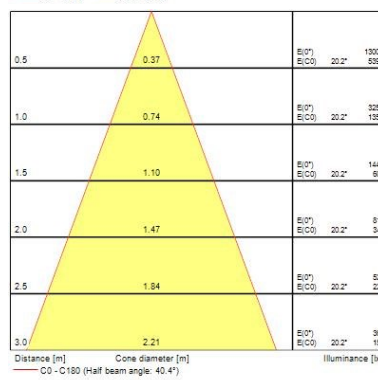
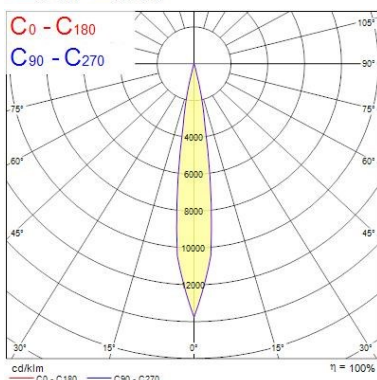
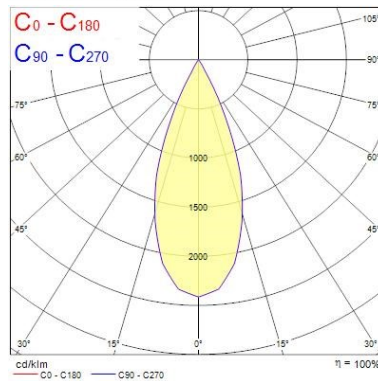
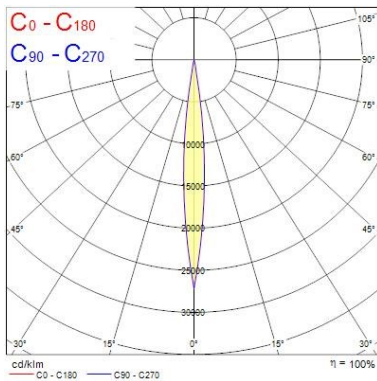
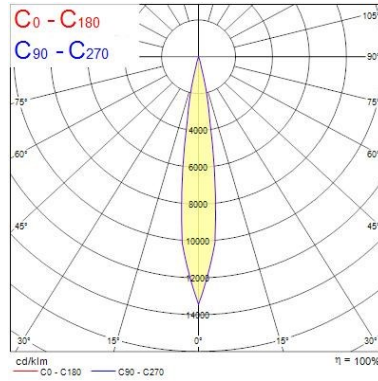
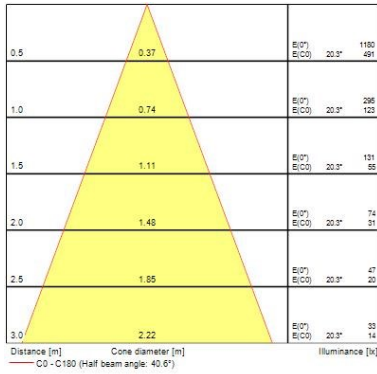
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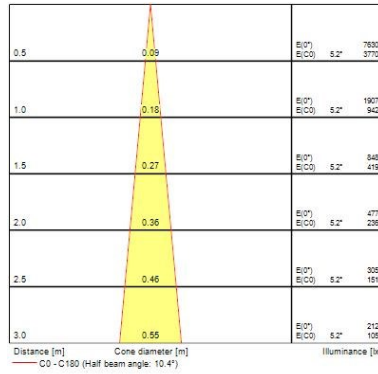
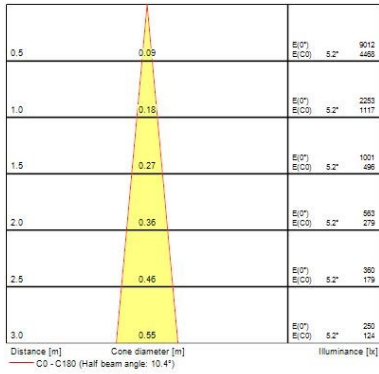
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*Beacon Muse Tune 90CRI SylSmart Wireless SSC01 White L1*  
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## TECHNICAL DRAWINGS

