

Concord

BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE

2059705



Features

• Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 34° medium beam, optics: Polycarbonate lens, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 3200lm, luminaire efficacy: 97lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 800mA, electronic driver, DALI dimmable, power factor: 0.9 electrical protection: CLASS II, 3-circuit DALI track adaptor, suitable for Concord Lytespan 3+DALI track, ingress protection rating: IP20. IMPORTANT NOTE: This fixture can only be used on the Lytespan DALI or Lytebeam DALI tracks !

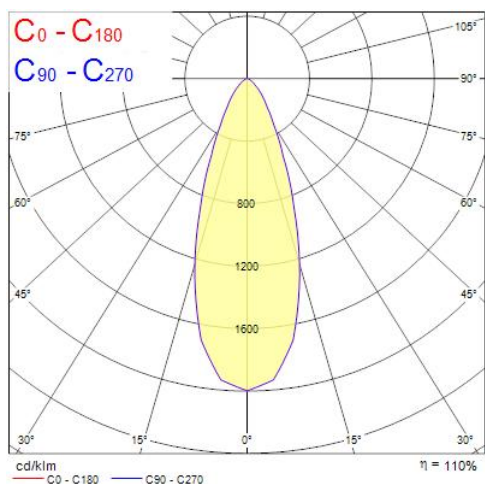
Product Overview

Product name	BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
E-number FI	4280865
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	97
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White

BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE 2059705

CRI (Ra)	93
Colour Consistency (SDCM)	3
Beam Angle (°)	34
Photobiological Risk Group	RG1
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597055
Warranty	5 years
Dimming method	DALI

Photometry



0.5	0.33	E(0°) E(C0)	26487 11396
1.0	0.67	E(0°) E(C0)	6622 2839
1.5	1.00	E(0°) E(C0)	2943 1262
2.0	1.34	E(0°) E(C0)	1655 710
2.5	1.67	E(0°) E(C0)	1069 454
3.0	2.01	E(0°) E(C0)	736 315

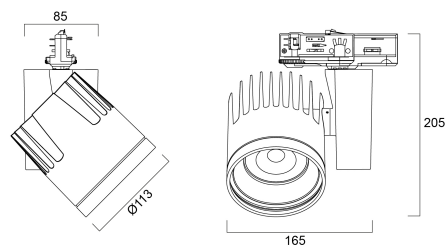
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 37.0°)

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Technical drawings



Data table

GENERAL DATA

Product name	BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4280865
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	97
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	93

BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE 2059705

Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	34
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	33
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	800
Inrush Current (A)	20
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	33
Max. products per 16A C Breaker	55
Max. products per 10A B Breaker	33
Max. products per 16A B Breaker	55

LIFETIME DATA

Lifespan L70 B50	72000
Lifespan L80 B20	72000
Lifespan L90 B10	33000

PHYSICAL DATA

Housing colour	White
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BEACON XL 93CRI 4K MEDIUM BEAM L3+DALI WHITE 2059705

IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	85
Nominal Product Width (mm)	165
Nominal Product Height (mm)	205
Weight (kg)	1.365

PACKAGING

Product EAN number	5025768597055
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768597055
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

SAFETY DATA

Glow Wire Test (°C)	650
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No