Concord

BEACON XL 93CRI 3K WIDE BEAM L3 ON-BOARD DIM BLACK
2059690

Features

• Integrated LED spotlight, black RAL 9005, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° wide beam, optics: Polycarbonate lens, colour temperature: 3000K warm white, total system power: 33W, total fixture output: 2802lm, luminaire efficacy: 85lm/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: 850mA, electronic driver, dimmable via on-board potentiometer, power factor: 0.9 electrical protection: CLASS II, 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: Ø113x165x205mm, weight: 1.66kg.

Product Overview

Product name	BEACON XL 93CRI 3K WIDE BEAM L3 ON-BOARD DIM BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280850
Fixture luminous flux (lm)	2802
Luminaire efficacy (lm/W)	85
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White

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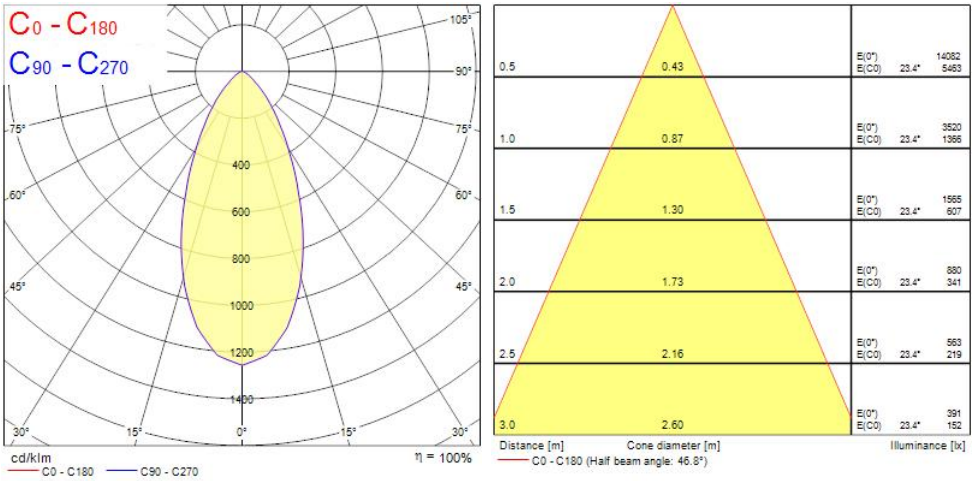
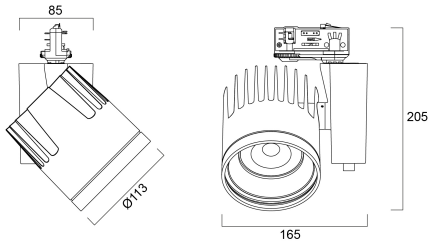
CRI (Ra)	93
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	Electronic ballast
Housing colour	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768596904
Warranty	5 years

Photometry



Technical drawings



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Data table

GENERAL DATA

Product name	BEACON XL 93CRI 3K WIDE BEAM L3 ON-BOARD DIM BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
Performance ambient temperature Tq (°C)	25
E-number FI	4280850
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2802
Luminaire efficacy (lm/W)	85
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	33
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast

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Drive current (mA)	850
Inrush Current (A)	5
Inrush Duration (µs)	50
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	52

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	85
Nominal Product Width (mm)	165
Weight (kg)	1.365

PACKAGING

Single packaging type	Carton
Product EAN number	5025768596904
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768596904
Packaging outer length / height (cm)	25.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No

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Suitable for household illumination	No

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