

# Concord

## BEACON 93CRI 4K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059643



### 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: 38° medium beam, optics: Aluminium reflector, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 1885lm, luminaire efficacy: 90lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: >72,000 hours at L80B50, energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, 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: Ø80x130x190mm, weight: 0.96kg.

### Product Overview

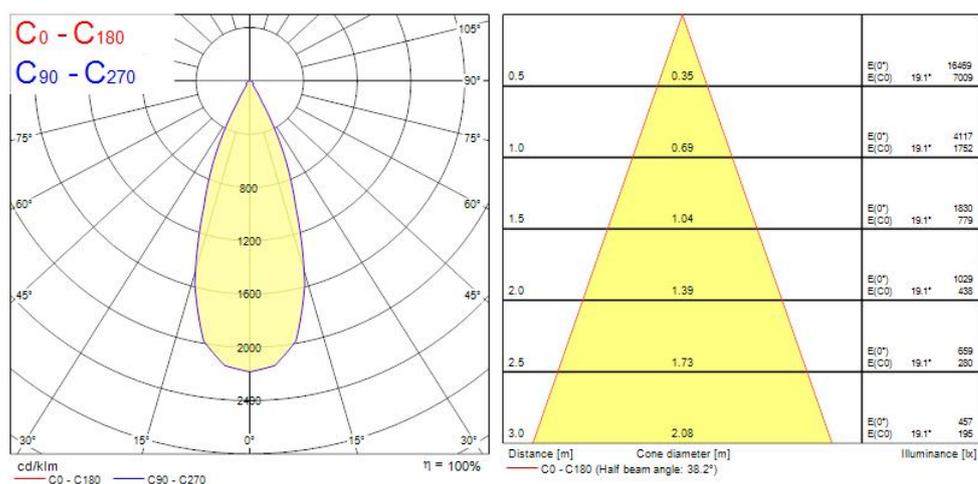
Product name	BEACON 93CRI 4K MEDIUM BEAM L3 ON-BOARD DIM WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
Fixture luminous flux (lm)	1885
Luminaire efficacy (lm/W)	90
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White

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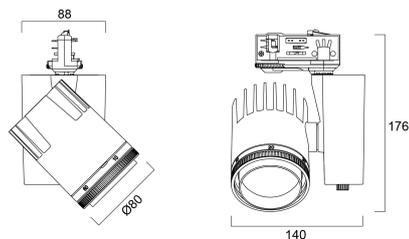
## BEACON 93CRI 4K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059643

<b>CRI (Ra)</b>	93
<b>Colour Consistency (SDCM)</b>	3
<b>Photobiological Risk Group</b>	RG1
<b>Total power consumption (W)</b>	21
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	Electronic ballast
<b>Housing colour</b>	White
<b>IP rating</b>	IP20
<b>IK rating</b>	IK02
<b>Product EAN number</b>	5025768596430
<b>Warranty</b>	5 years

### Photometry



### Technical drawings



# Concord

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### Data table

#### GENERAL DATA

Product name	BEACON 93CRI 4K MEDIUM BEAM L3 ON-BOARD DIM WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
Performance ambient temperature Tq (°C)	25
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	1885
Luminaire efficacy (lm/W)	90
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Photobiological Risk Group	RG1

#### ELECTRICAL DATA

Total power consumption (W)	21
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
Drive current (mA)	500

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Inrush Current (A)	45
Inrush Duration ( $\mu$ s)	20
Glow Wire Test ( $^{\circ}$ C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	48

### LIFETIME DATA

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B20	72000
Lifespan L80 B10	72000
Lifespan L90 B50	43000
Lifespan L90 B20	36000
Lifespan L90 B10	33000

### PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	130
Nominal Product Diameter (mm)	80
Weight (kg)	0.7

### PACKAGING

Single packaging type	Carton
Product EAN number	5025768596430
Packaging single width (cm)	17.6
Packaging single depth (cm)	18.2
DUN14 (outer)	05025768596430
Packaging outer length / height (cm)	16.0

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**2059643**

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## SAFETY DATA

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Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No