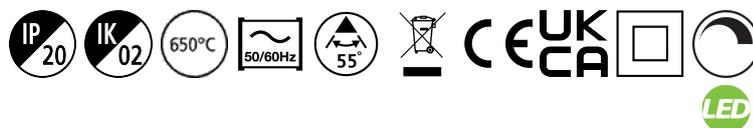


# Concord

## BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK 2059674



### Features

- Integrated LED spotlight, black RAL 9005, compact and minimalist design, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 55° wide beam, optics: Aluminium reflector, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 2301lm, luminaire efficacy: 110lm/W, LOR: 100%, colour rendering: Ra 85 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, electronic driver, trailing edge dimmable, 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

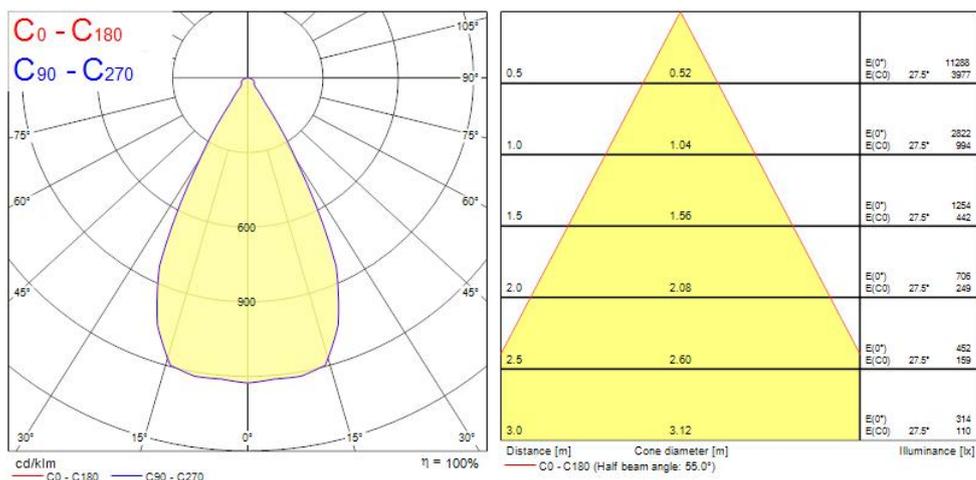
Product name	BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
E-number FI	4280830
E-number SE	7401251
Fixture luminous flux (lm)	2301
Luminaire efficacy (lm/W)	110

# Concord

## BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK 2059674

LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Beam Angle (°)	55
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	3
Housing colour	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768596744
Warranty	5 years
Dimming method	Mains: trailing edge only

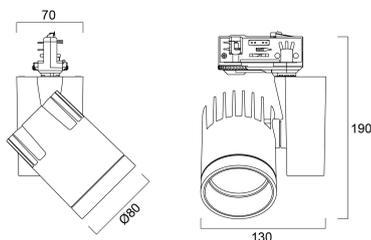
### Photometry



# Concord

## BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK 2059674

### Technical drawings



### Data table

#### GENERAL DATA

Product name	BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK
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	4280830
E-number SE	7401251
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	2301
Luminaire efficacy (lm/W)	110
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White

# Concord

## BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK 2059674

CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	55
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	21
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	Mains: trailing edge only
Minimum dimming level (%)	3
Drive current (mA)	500
Inrush Current (A)	45
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	48
Max. products per 16A C Breaker	80

### 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

# Concord

## BEACON 85CRI 4K WIDE BEAM L3 TRAILING EDGE BLACK 2059674

Lifespan L90 B10	33000
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### PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	70
Nominal Product Width (mm)	130
Nominal Product Height (mm)	169
Weight (kg)	0.7

### PACKAGING

Product EAN number	5025768596744
Packaging single length / height (cm)	16.0
Packaging single width (cm)	17.2
Packaging single depth (cm)	18.2
DUN14 (inner)	05025768596744
Units per outer package	1
Packaging outer length / height (cm)	16.0
Packaging outer width (cm)	17.2
Packaging outer depth (cm)	18.2

### SAFETY DATA

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