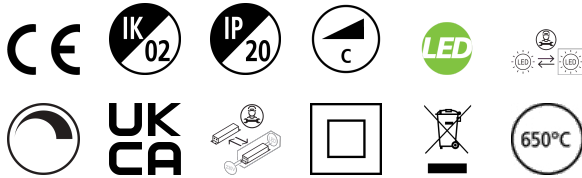


# BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK

Item No: 2059664

Concord



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: 12° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 2013lm, luminaire efficacy: 96lm/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.

## Technical Assets

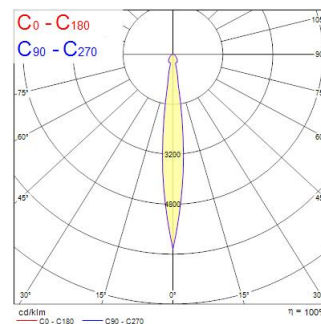
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.11	Ø171	Ø171	80192
		Ø171	Ø171	34901
1.0	0.21	Ø171	Ø171	12545
		Ø171	Ø171	6253
1.5	0.32	Ø171	Ø171	5577
		Ø171	Ø171	2772
2.0	0.43	Ø171	Ø171	3137
		Ø171	Ø171	1558
2.5	0.53	Ø171	Ø171	2009
		Ø171	Ø171	998
3.0	0.64	Ø171	Ø171	1264
		Ø171	Ø171	613

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 12.2°)



# BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK

Item No: 2059664

## Concord

### General data

Product name	BEACON 85CRI 3K NARROW 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	4280814
E-number SE	7401241
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2013
Luminaire efficacy (lm/W)	96
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	12
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 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	44000
Lifespan L90 B20	37000
Lifespan L90 B10	34000

# BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK

Item No: 2059664

Concord

## 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)	1.543

## Packaging

Product EAN number	5025768596645
Packaging single length / height (cm)	6.299
Packaging single width (cm)	6.929
Packaging single depth (cm)	7.165
DUN14 (inner)	05025768596645
Units per outer package	1
Packaging outer length / height (cm)	6.299
Packaging outer width (cm)	6.929
Packaging outer depth (cm)	7.165

## Safety data

Glow Wire Test (°C)	650
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