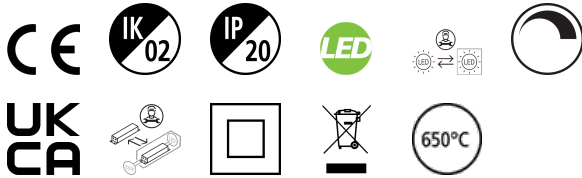


# Bcon ACT97 3000K WB L3 On-Board Dim Black

Item No: 2059560

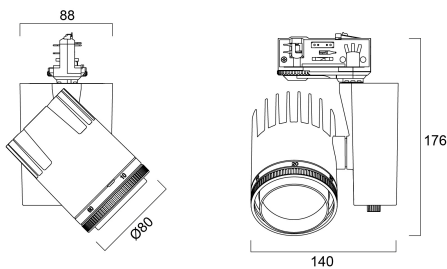
Concord



Integrated LED spotlight, black RAL 9005, compact and minimalist design, low glare, dark-light detail for increased accentuation and visual comfort, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 52° wide beam, optics: Aluminium reflector, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1451lm, luminaire efficacy: 69lm/W, LOR: 100%, colour rendering: Ra 97 typical, R9 value at 90, 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, dimmable via on-board potentiometer, power factor: 0.9 electrical protection: CLASS II 3-circuit track Adaptor, compatible with OneTrack, Global Trac, and Concord Lytespan 3 track (for detailed information please check the compatibility list), protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x130x169mm, weight: 0.96kg.

## Technical Assets

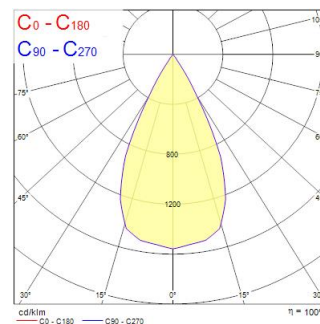
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.49	Ø171 35.1°	9041 3289
1.0	0.98	Ø342 35.1°	2260 554
1.5	1.47	Ø513 35.1°	1005 267
2.0	1.96	Ø684 35.1°	585 238
2.5	2.45	Ø855 35.1°	362 152
3.0	2.94	Ø1026 35.1°	221 82

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 52.2°)



# Bcon ACT97 3000K WB L3 On-Board Dim Black

Item No: 2059560

# Concord

## General data

Product name	Bcon ACT97 3000K WB L3 On-Board Dim 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
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1451
Luminaire efficacy (lm/W)	69
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	52
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	5
Drive current (mA)	500
Inrush Current (A)	15
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
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 B20	36000
Lifespan L90 B10	33000

## Physical data

Housing colour	Black
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	130
Nominal Product Height (mm)	190
Nominal Product Diameter (mm)	80
Weight (kg)	0.7

# Bcon ACT97 3000K WB L3 On-Board Dim Black

Item No: 2059560

# Concord

## Packaging

Product EAN number	5025768595600
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (inner)	05025768595600
Units per outer package	1
Packaging outer length / height (cm)	18.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	16.0

## Safety data

Glow Wire Test (°C)	650
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