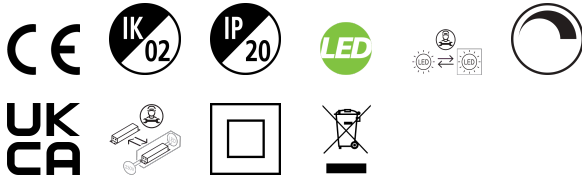


# Beacon Muse II CRI97 3000K L3 On-Board Dim White

Item No: 2059745

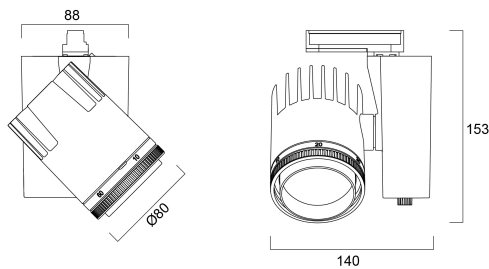
**Concord**



Integrated LED spotlight, white RAL 9016, unique soft-touch ring, adjustable beam angle from a 8° spot to a 55° flood, compact and minimalist design, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 8° spot to 55° flood, optics: aspheric glass lens, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1081lm, luminaire efficacy: 51lm/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: Ø80x135x176mm, weight: 0.95kg.

## Technical Assets

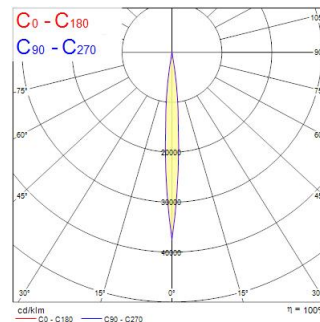
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.07	Ø17	4.0°	3333	4362
1.0	0.14	Ø34	4.0°	2076	1048
1.5	0.21	Ø51	4.0°	823	461
2.0	0.28	Ø68	4.0°	519	288
2.5	0.35	Ø85	4.0°	331	164
3.0	0.42	Ø102	4.0°	220	103

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 8.0°)



# Beacon Muse II CRI97 3000K L3 On-Board Dim White

Item No: 2059745

# Concord

## General data

Product name	Beacon Muse II CRI97 3000K L3 On-Board Dim White
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Built in presence detector	NONE
Environment	Internal
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4280893
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1081
Luminaire efficacy (lm/W)	52
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Variation Initial (SDCM)	SDCM3
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	230.0
Primary Supply/Product voltage - max (V)	240.0
Electrical protection	Class II
Dimmable	Yes
Dimming method	1-10V (Analogue)
Drive current (mA)	500
Inrush Current (A)	45
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	50
Max. products per 16A C Breaker	80

## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	47500

## Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	135
Nominal Product Height (mm)	176
Nominal Product Diameter (mm)	80
Weight (kg)	0.992

# Beacon Muse II CRI97 3000K L3 On-Board Dim White

Item No: 2059745

**Concord**

## Packaging

Product EAN number	5025768597451
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (inner)	05025768597451
Units per outer package	1
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	15.0
Packaging outer depth (cm)	17.5

## Safety data

Dry applications use only | Yes