

# Concord

## EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE 2070023



### Features

- Integrated LED adjustable accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 53°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1815lm, 86lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, ceiling cut-out: 126mm, outer dimensions: 137x101mm, weight: 0.52kg.

### Product Overview

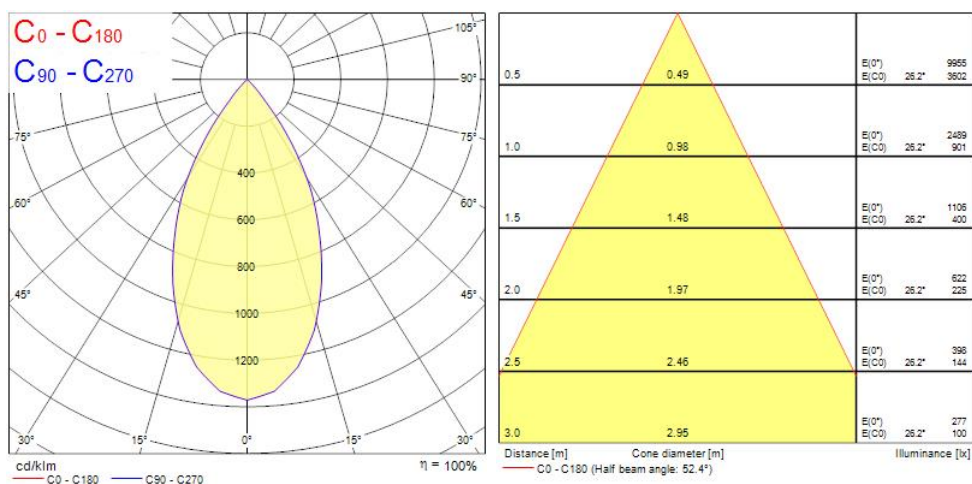
Product name	EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	1815
Luminaire efficacy (lm/W)	86
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II

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## EXOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE 2070023

Control gear type	Electronic ballast
Control gear mounting	Remote
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768700233
Warranty	5 years

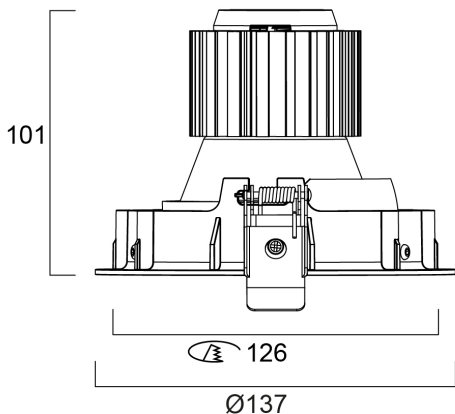
### Photometry



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## EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE 2070023

### Technical drawings



### Data table

#### GENERAL DATA

Product name	EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Operating temperature range (°C)	1°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	1815
Luminaire efficacy (lm/W)	86
LOR (%)	100

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## EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE 2070023

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1371
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Remote
Drive current (mA)	500
Inrush Current (A)	28
Inrush Duration ( $\mu$ s)	139
Glow Wire Test ( $^{\circ}$ C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	31
Max. products per 20A B Breaker	42
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	54500

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## EXPOSPOT 70 ADJUSTABLE RA90 3000K WB WHITE 2070023

### PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK02
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Width (mm)	137
Nominal Product Diameter (mm)	137
Weight (kg)	0.52
Recessed Depth (mm)	101

### PACKAGING

Single packaging type	Carton
Product EAN number	5025768700233
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700233
Packaging outer length / height (cm)	18.0

### SAFETY DATA

Optimal operating condition (°C)	1-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No