

Concord

EXOSPOT 70 ADJUSTABLE RA90 3000K MB BLACK 2070027



Features

- Integrated LED adjustable accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, black colour housing, passive cooling, beam angle: 42°, optics: aluminium reflector and lens combination, colour temperature: 3000K, total system power: 21W, total fixture output: 1793lm, 85lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: 55,000 hours at L90B10, energy class: A++, A+, A, 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

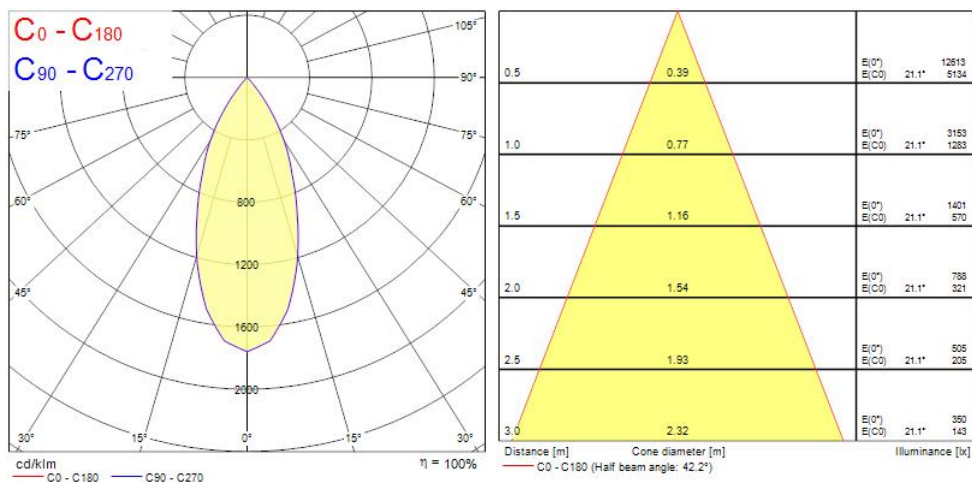
Product name	EXOSPOT 70 ADJUSTABLE RA90 3000K MB BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	1793
Luminaire efficacy (lm/W)	85
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	21

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EXPOSPOT 70 ADJUSTABLE RA90 3000K MB BLACK 2070027

Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Remote
Housing colour	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768700271
Warranty	5 years

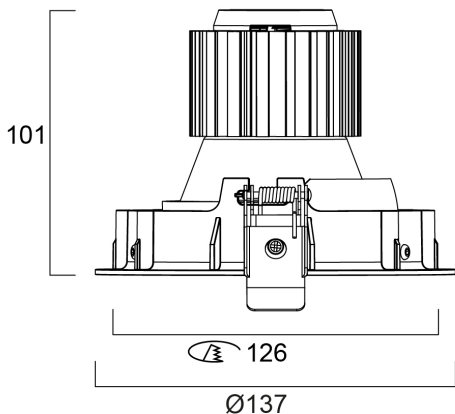
Photometry



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EXPOSPOT 70 ADJUSTABLE RA90 3000K MB BLACK 2070027

Technical drawings



Data table

GENERAL DATA

Product name	EXPOSPOT 70 ADJUSTABLE RA90 3000K MB BLACK
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)	1793
Luminaire efficacy (lm/W)	85
LOR (%)	100

Concord

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

ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Remote
Drive current (mA)	300
Inrush Current (A)	17
Inrush Duration (μ s)	199
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 ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

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

PHYSICAL DATA

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Housing colour	Black
IP rating	IP20
IK rating	IK02
Diffuser finish	Other
Diffuser material	Other
Nominal Product Diameter (mm)	137
Weight (kg)	0.52
Recessed Depth (mm)	101

PACKAGING

Single packaging type	Carton
Product EAN number	5025768700271
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700271
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