

Concord

EXPOSPOT 90 DUO HO RA90 4000K MB BLACK 2070118



Features

- Integrated LED gimbal accent downlight, duo head, ideal for retail and display applications, die-cast aluminium body, black colour housing, passive cooling, beam angle: 44°, optics: aluminium reflector and lens combination, colour temperature: 3000K, total system power: 107W, total fixture output: 2 x 3458lm, 95lm/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: 148x422mm, outer dimensions: 163x104mm, weight: 2.1kg.

Product Overview

Product name	EXPOSPOT 90 DUO HO RA90 4000K MB BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	2 x 3458
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	107
Electrical protection	Class II
Control gear type	Electronic ballast

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Control gear mounting

Remote

Housing colour

Black

IP rating

IP20

IK rating

IK02

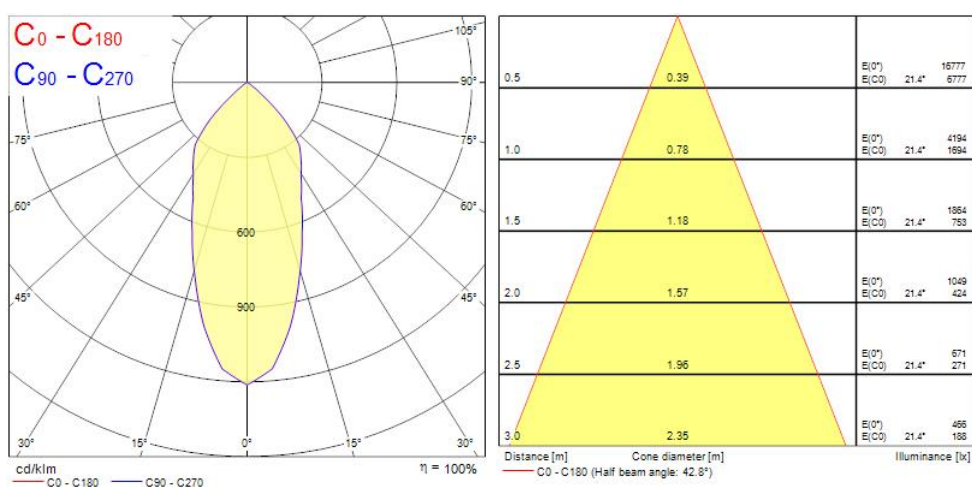
Product EAN number

5025768701186

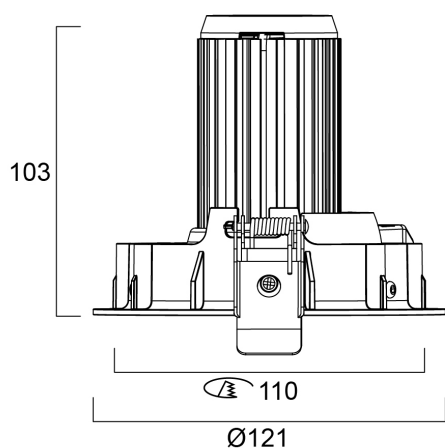
Warranty

5 years

Photometry



Technical drawings



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Data table

GENERAL DATA

Product name	EXPOSPOT 90 DUO HO RA90 4000K MB BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2 x 3458
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	107
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Remote
Drive current (mA)	300
Inrush Current (A)	17

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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	39

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	437
Nominal Product Width (mm)	163
Weight (kg)	2.1
Recessed Depth (mm)	104

PACKAGING

Single packaging type	Carton
Product EAN number	5025768701186
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768701186
Packaging outer length / height (cm)	50.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No

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Suitable for household illumination

No