

Expospot 90 cardan round

EXPOSPOT 90 CARDAN VHO RA90 3000K MB WHITE

2070123



Product features

- Integrated LED cardanic accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, white colour housing, passive cooling, beam angle: 44°, optics: aluminium reflector and lens combination, colour temperature: 3000K, total system power: 56W, total fixture output: 5330lm, 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: 148mm, outer dimensions: 163x104mm, weight: 0.77kg.



PRODUCT OVERVIEW

Product name	EXPOSPOT 90 CARDAN VHO RA90 3000K MB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	5330
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	44
Photobiological Risk Group	RG1
Total power consumption (W)	56
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768701230

DATA TABLE

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General data

Product name	EXPOSPOT 90 CARDAN VHO RA90 3000K MB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5330
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	44
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	56
Lamp power factor	0.98
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	26
Inrush Duration (µs)	264
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	16
Max. products per 13A C Breaker	21
Max. products per 16A C Breaker	26
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	16
Max. products per 20A B Breaker	21

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Lifetime data

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

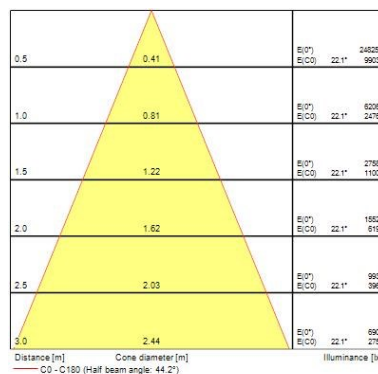
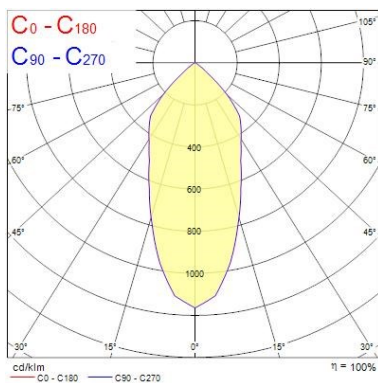
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	163
Nominal Product Height (mm)	104
Nominal Product Diameter (mm)	163
Cutout Dimensions (W x L in mm or Diameter in mm)	148
Weight (kg)	0.77
Recessed Depth (mm)	104

Packaging

Single packaging type	Carton
Product EAN number	5025768701230
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768701230
Units per outer package	1
Packaging outer length / height (cm)	18.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	16.0

PHOTOMETRY



TECHNICAL DRAWINGS

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