

Expospot 70 fixed

EXPOSPOT 70 FIXED RA90 3000K WB WHITE
2070017



Product features

- Integrated LED fixed 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: 100mm, dimensions: 110x101mm, weight: 0.52kg.



PRODUCT OVERVIEW

Product name	EXPOSPOT 70 FIXED RA90 3000K WB 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)	1815
Luminaire efficacy (lm/W)	86
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	53
Photobiological Risk Group	RG1
Total power consumption (W)	21
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	5025768700172

DATA TABLE

Expospot 70 fixed

EXPOSPOT 70 FIXED RA90 3000K WB WHITE
2070017

General data

Product name	EXPOSPOT 70 FIXED RA90 3000K WB 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)	1815
Luminaire efficacy (lm/W)	86
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	53
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
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)	500
Inrush Current (A)	28
Inrush Duration (µs)	139
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	31
Max. products per 13A C Breaker	41
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	70
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	31

Expospot 70 fixed

EXPOSPOT 70 FIXED RA90 3000K WB WHITE
2070017

Max. products per 20A B Breaker 42

Lifetime data

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

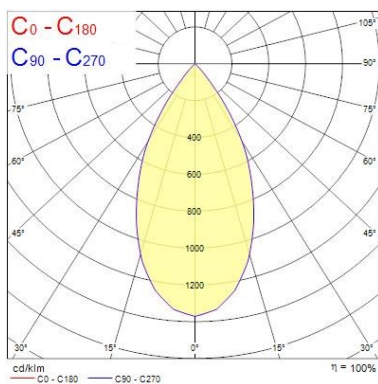
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	110
Nominal Product Height (mm)	101
Nominal Product Diameter (mm)	110
Cutout Dimensions (W x L in mm or Diameter in mm)	100
Weight (kg)	0.52
Recessed Depth (mm)	101

Packaging

Single packaging type	Carton
Product EAN number	5025768700172
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700172
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



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	0.49	995	25.2*	350
1.0	0.98	249	25.2*	90
1.5	1.48	110	25.2*	40
2.0	1.97	62	25.2*	25
2.5	2.46	39	25.2*	16
3.0	2.95	27	25.2*	10

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 52.4°)

Expospot 70 fixed

EXPOSPOT 70 FIXED RA90 3000K WB WHITE
2070017

TECHNICAL DRAWINGS

