

## Expospot 70 fixed

### EXPOSPOT 70 FIXED RA90 4000K MB WHITE

#### 2070019



#### Product features

- Integrated LED fixed accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 42°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 1964lm, 94lm/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 4000K 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)	1964
Luminaire efficacy (lm/W)	94
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	42
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	5025768700196

#### DATA TABLE

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### General data

<b>Product name</b>	EXPOSPOT 70 FIXED RA90 4000K MB WHITE
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>Fixture rating</b>	Enclosed
<b>General application</b>	Hospitality, Museums & Galleries, Retail
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	1964
<b>Luminaire efficacy (lm/W)</b>	94
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	90
<b>Colour Variation Initial (SDCM)</b>	SDCM3
<b>Beam Angle (°)</b>	42
<b>Photobiological Risk Group</b>	RG1

### Electrical data

<b>Total power consumption (W)</b>	21
<b>Primary Supply/Product voltage - min (V)</b>	220
<b>Primary Supply/Product voltage - max (V)</b>	240
<b>Lamp power factor</b>	0.9
<b>Electrical protection</b>	Class II
<b>Control gear required</b>	No
<b>Control gear type</b>	Electronic ballast
<b>Control gear mounting</b>	Remote
<b>Dimmable</b>	No
<b>Dimming method</b>	N/A
<b>Drive current (mA)</b>	500
<b>Inrush Current (A)</b>	28
<b>Inrush Duration (µs)</b>	139
<b>Glow Wire Test (°C)</b>	850
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	E
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. products per 10A C Breaker</b>	31
<b>Max. products per 13A C Breaker</b>	41
<b>Max. products per 16A C Breaker</b>	51
<b>Max. products per 20A C Breaker</b>	70
<b>Max. products per 10A B Breaker</b>	19
<b>Max. products per 13A B Breaker</b>	25
<b>Max. products per 16A B Breaker</b>	31

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Max. products per 20A B Breaker 42

### Lifetime data

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

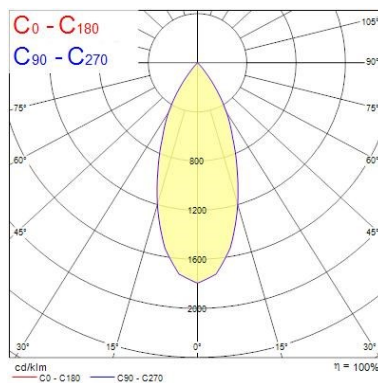
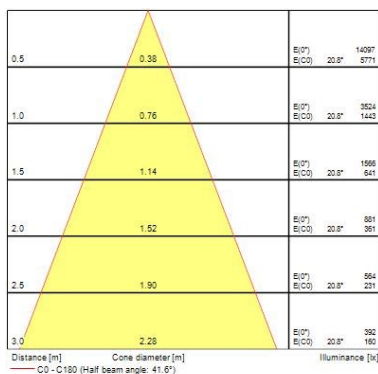
### Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	110
Nominal Product Height (mm)	101
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	5025768700196
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700196
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

## Expospot 70 fixed

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