



## Expospot 90 adjustable

*EXPOSPOT 90 ADJUSTABLE HO RA90 4000K MB WHITE*  
2070077

### General data

<b>Product name</b>	EXPOSPOT 90 ADJUSTABLE HO 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>	3458
<b>Luminaire efficacy (lm/W)</b>	99
<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>	43
<b>Photobiological Risk Group</b>	RG1

### Electrical data

<b>Total power consumption (W)</b>	35
<b>Primary Supply/Product voltage - min (V)</b>	220
<b>Primary Supply/Product voltage - max (V)</b>	240
<b>Lamp power factor</b>	0.95
<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>	900
<b>Inrush Current (A)</b>	21
<b>Inrush Duration (µs)</b>	250
<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>	65
<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 39

### Lifetime data

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

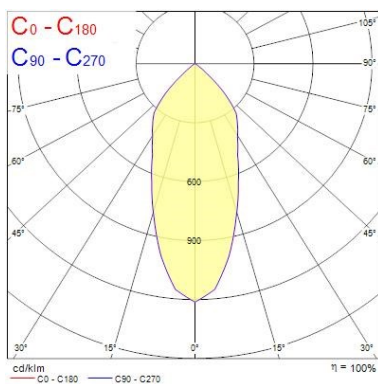
### Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	150
Nominal Product Height (mm)	104
Nominal Product Diameter (mm)	150
Cutout Dimensions (W x L in mm or Diameter in mm)	140
Weight (kg)	0.77
Recessed Depth (mm)	104

### Packaging

Single packaging type	Carton
Product EAN number	5025768700776
Packaging single length / height (cm)	18.0
Packaging single width (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700776
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°] E [C0]	E [0°] E [C0]	Illuminance [lx]
0.5	0.39	1877	21.4°	6777
1.0	0.78	4194	21.4°	1894
1.5	1.18	1864	21.4°	792
2.0	1.57	1049	21.4°	424
2.5	1.96	671	21.4°	271
3.0	2.35	466	21.4°	188

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 42.8°)

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### TECHNICAL DRAWINGS

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