

## Expospot 90 adjustable

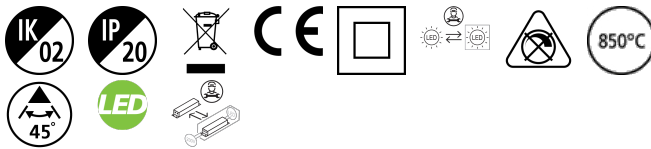
EXPOSPOT 90 ADJUSTABLE HE RA90 4000K MB WHITE

2070039



### Caratteristiche prodotto

- Integrated LED adjustable accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 45°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 28W, total fixture output: 2836lm, 101lm/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: 140mm, dimensions: 150x104mm, weight: 0.77kg.



### PANORAMICA DEL PRODOTTO

Nome prodotto	EXPOSPOT 90 ADJUSTABLE HE RA90 4000K MB WHITE
Tecnologia	LED
Cap/Base	N/A
Housing	Alluminio
Montaggio	Ceiling recessed mounting
Fixture rating	Chiuso
General application	Strutture alberghiere, Musei e gallerie, Esercizi commerciali
ETIM Class	EC001744
Garanzia	5 years
Fixture luminous flux (lm)	2836
Luminaire efficacy (lm/W)	101
L.O.R. (%)	100
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	90
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	45
Gruppo di rischio fotobiologico	RG1
Potenza totale (W)	28
Electrical protection	Classe II
Tipologia reattore	Electronic ballast
Montaggio reattore	Remote
Dimmable	No
Dimming method	N/A
Colore corpo lampada	Bianco
IP rating	IP20
IK rating	IK02
Product EAN number	5025768700394

### TABELLA DATI

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### Dati generali

Nome prodotto	EXPOSPOT 90 ADJUSTABLE HE RA90 4000K MB WHITE
Tecnologia	LED
Cap/Base	N/A
Housing	Alluminio
Montaggio	Ceiling recessed mounting
Fixture rating	Chiuso
General application	Strutture alberghiere, Musei e gallerie, Esercizi commerciali
Operating temperature range (°C)	-1°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Garanzia	5 years

### Dati ottici

Fixture luminous flux (lm)	2836
Luminaire efficacy (lm/W)	101
L.O.R. (%)	100
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	90
Consistenza colore (SDCM)	SDCM3
Luminous Intensity (cd)	1145
Beam Angle (°)	45
Distribution type	Simmetrico
Gruppo di rischio fotobiologico	RG1

### Dati elettrici

Potenza totale (W)	28
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.92
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Classe II
Control gear required	No
Tipologia reattore	Electronic ballast
Montaggio reattore	Remote
Dimmable	No
Dimming method	N/A
Drive current (mA)	700
Corrente di spunto (A)	19.4
Durata picco di corrente (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Quantità max. apparecchi per interruttore 10A tipo C	21

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Max. products per 13A C Breaker	28
Quantità max. apparecchi per interruttore 16A tipo C	35
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### Dati vita utile

Vita utile nominale - L70 B50	100000
Vita utile nominale - L80 B20	100000
Vita utile nominale - L90 B10	54500

### Dati dimensionali

Colore corpo lampada	Bianco
IP rating	IP20
IK rating	IK02
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Finitura del riflettore	Silver
Larghezza nominale prodotto (mm)	150
Nominal Product Height (mm)	104
Nominal Product Diameter (mm)	150
Cutout Dimensions (W x L in mm or Diameter in mm)	140
Peso (Kg)	0.77
Recessed Depth (mm)	104

### Dati di imballo

Tipologia imballo singolo	Carton
Product EAN number	5025768700394
Lunghezza imballo singolo (mm)	18.0
Larghezza imballo singolo (cm)	18.0
Packaging single depth (cm)	16.0
DUN14 (outer)	05025768700394
Quantità per imballo esterno	1
Packaging outer length / height (cm)	18.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	16.0

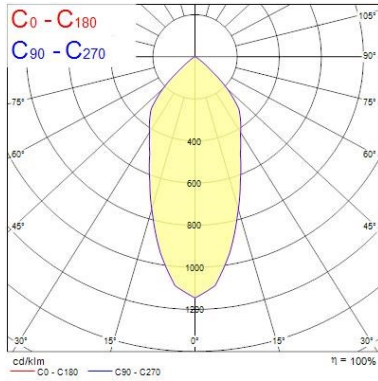
### Dati di sicurezza

Temperatura ottimale di utilizzo (°C)	-1-25
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### FOTOMETRIA



0.5	0.41	E <sub>(0°)</sub> E <sub>(C0)</sub>	12996 5152
1.0	0.82	E <sub>(0°)</sub> E <sub>(C0)</sub>	3249 1288
1.5	1.23	E <sub>(0°)</sub> E <sub>(C0)</sub>	1644 572
2.0	1.64	E <sub>(0°)</sub> E <sub>(C0)</sub>	812 322
2.5	2.05	E <sub>(0°)</sub> E <sub>(C0)</sub>	520 206
3.0	2.46	E <sub>(0°)</sub> E <sub>(C0)</sub>	381 142

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 44.6°)

### DISEGNI TECNICI

