

## Exspot 90 cardan square

EXPOSPOT 90 MONO HE RA90 3000K NB WHITE

2070047



### Caratteristiche prodotto

- Integrated LED gimbal accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 25°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 28W, total fixture output: 2536lm, 91lm/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: 148x148mm, dimensions: 163x163x104mm, weight: 0.77kg.



### PANORAMICA DEL PRODOTTO

Nome prodotto	EXPOSPOT 90 MONO HE RA90 3000K NB 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)	2536
Luminaire efficacy (lm/W)	91
L.O.R. (%)	100
Temperatura di colore (K)	3000
Colore della luce	Bianco Caldo
CRI (Ra)	90
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	25
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	5025768700479

### TABELLA DATI

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### Dati generali

Nome prodotto	EXPOSPOT 90 MONO HE RA90 3000K NB 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)	25°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Garanzia	5 years

### Dati ottici

Fixture luminous flux (lm)	2536
Luminaire efficacy (lm/W)	91
L.O.R. (%)	100
Temperatura di colore (K)	3000
Colore della luce	Bianco Caldo
CRI (Ra)	90
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	25
Distribution type	Orientabile
Gruppo di rischio fotobiologico	RG1

### Dati elettrici

Potenza totale (W)	28
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Max. products per 13A C Breaker	28

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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>) 1.5

### 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 Other

Diffuser material Other

Finitura del riflettore Silver

Larghezza nominale prodotto (mm) 163

Nominal Product Height (mm) 104

Nominal Product Diameter (mm) 163

Cutout Dimensions (W x L in mm or Diameter in mm) 148

Peso (Kg) 0.77

Recessed Depth (mm) 104

### Dati di imballo

Tipologia imballo singolo Carton

Product EAN number 5025768700479

Lunghezza imballo singolo (mm) 18.0

Larghezza imballo singolo (cm) 18.0

Packaging single depth (cm) 16.0

DUN14 (outer) 05025768700479

Quantità per imballo esterno 1

Packaging outer length / height (cm) 18.0

Packaging outer width (cm) 18.0

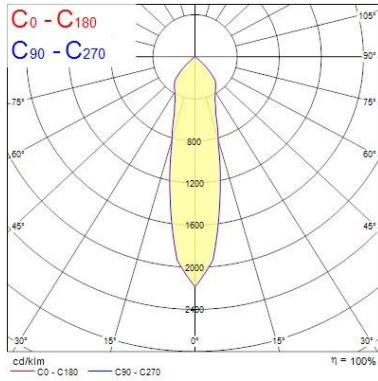
Packaging outer depth (cm) 16.0

### Dati di sicurezza

Temperatura ottimale di utilizzo (°C) 25-25

## FOTOMETRIA

## Expospot 90 cardan square EXPOSPOT 90 MONO HE RA90 3000K NB WHITE 2070047



0.5	0.22	E(0°) E(C0)	12.6°	22174 10330
1.0	0.45	E(0°) E(C0)	12.6°	5542 2552
1.5	0.67	E(0°) E(C0)	12.6°	2484 1148
2.0	0.89	E(0°) E(C0)	12.6°	1396 646
2.5	1.12	E(0°) E(C0)	12.6°	887 413
3.0	1.34	E(0°) E(C0)	12.6°	616 287

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 25.2°)

### DISEGNI TECNICI

