

Expospot 90 adjustable

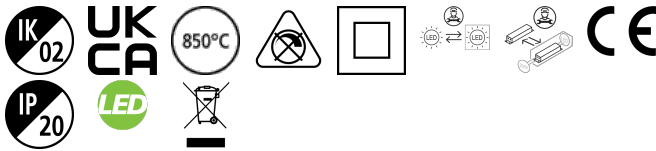
EXPOSPOT 90 ADJUSTABLE HO RA90 4000K WB WHITE

2070078



Product features

- Integrated LED adjustable accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 57°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 35W, total fixture output: 3479lm, 99lm/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.



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | EXPOSPOT 90 ADJUSTABLE HO RA90 4000K 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) | 3479 |
| Luminaire efficacy (lm/W) | 99 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 57 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 35 |
| 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 | 5025768700783 |

DATA TABLE

Expospot 90 adjustable

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General data

| | |
|---|---|
| Product name | EXPOSPOT 90 ADJUSTABLE HO RA90 4000K 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) | 3479 |
| Luminaire efficacy (lm/W) | 99 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 57 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|--------------------|
| Total power consumption (W) | 35 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.95 |
| 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) | 900 |
| Inrush Current (A) | 19.4 |
| Inrush Duration (µs) | 250 |
| 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 | 21 |
| Max. products per 13A C Breaker | 28 |
| Max. products per 16A C Breaker | 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 |

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Max. products per 20A B Breaker 27

Lifetime data

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

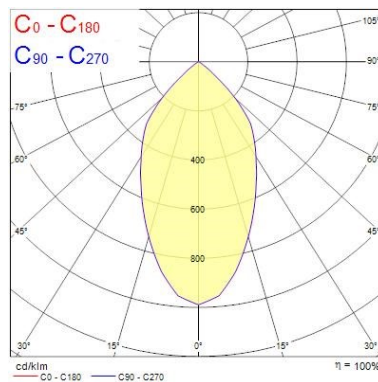
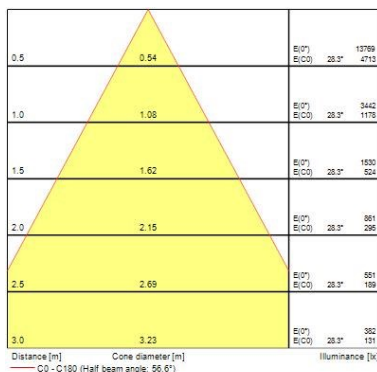
Physical data

| | |
|---|-------|
| 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 | 5025768700783 |
| Packaging single length / height (cm) | 18.0 |
| Packaging single width (cm) | 18.0 |
| Packaging single depth (cm) | 16.0 |
| DUN14 (outer) | 05025768700783 |
| 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



Expospot 90 adjustable

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TECHNICAL DRAWINGS

