

Expospot 90 cardan square - Sylvania

EXPOSPOT 90 MONO HO RA80 3000K WB WHITE
0060350



Product features

- Integrated LED gimbal accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 56°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 35W, total fixture output: 3736lm, 107lm/W, LOR: 100%, colour rendering: Ra 80 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: 60,000 hours at 70% of the original output (L70B50), energy class: A++, A+, A, 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.



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | EXPOSPOT 90 MONO HO RA80 3000K WB WHITE |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| Environment | Indoor |
| General application | Retail |
| ETIM Class | EC001744 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 3736 |
| Luminaire efficacy (lm/W) | 107 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 56 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 35 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Control gear mounting | Remote |
| Dimmable | No |
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Product EAN number | 5410288603506 |

DATA TABLE

General data

| | |
|--------------|---|
| Product name | EXPOSPOT 90 MONO HO RA80 3000K WB WHITE |
|--------------|---|

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| | |
|---|---------------------------|
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| Environment | Indoor |
| General application | Retail |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001744 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|------------|
| Fixture luminous flux (lm) | 3736 |
| Luminaire efficacy (lm/W) | 107 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 56 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|-----------------------------------|--------------------|
| Total power consumption (W) | 35 |
| Mains voltage (V) | 230-240V~ |
| Lamp power factor | 0.95 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | Electronic ballast |
| Control gear mounting | Remote |
| Dimmable | No |
| Drive current (mA) | 900 |
| Inrush Current (A) | 19.4 |
| Inrush Duration (µs) | 250 |
| Glow Wire Test (°C) | 850 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 21 |
| Max. Luminaires per 13A C Breaker | 28 |
| Max. Luminaires per 16A C Breaker | 35 |
| Max. Luminaires per 20A C Breaker | 45 |
| Max. Luminaires per 10A B Breaker | 13 |
| Max. Luminaires per 13A B Breaker | 17 |
| Max. Luminaires per 16A B Breaker | 21 |
| Max. Luminaires per 20A B Breaker | 27 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B20 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B20 | 60000 |

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| | |
|------------------|-------|
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 60000 |
| Lifespan L90 B20 | 60000 |
| Lifespan L90 B10 | 55000 |

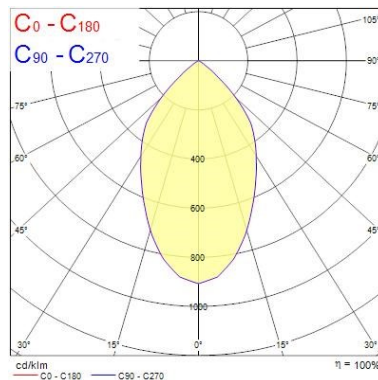
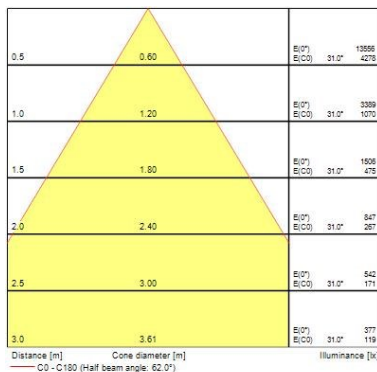
Physical data

| | |
|---|---------|
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Nominal Product Length (mm) | 163 |
| Nominal Product Width (mm) | 163 |
| Nominal Product Height (mm) | 104 |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 148x148 |
| Weight (kg) | 0.77 |
| Recessed Depth (mm) | 104 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288603506 |
| Packaging single length / height (cm) | 18.0 |
| Packaging single width (cm) | 18.0 |
| Packaging single depth (cm) | 16.0 |
| DUN14 (outer) | 05410288603506 |
| 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

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