

## Expospot 50 fixed

EXPOSPOT 50 FIXED RA80 3000K WB WHITE

0060203

### Product features



- Integrated LED fixed accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 51°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 13W, total fixture output: 1297lm, 100lm/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: 85mm, outer dimensions: 95x103mm, weight: 0.52kg.



### NOTES

undefined

### PRODUCT OVERVIEW

|                                 |                                       |
|---------------------------------|---------------------------------------|
| IPC Code                        | 0060203                               |
| Product name                    | EXPOSPOT 50 FIXED RA80 3000K WB WHITE |
| Technology                      | LED                                   |
| Housing                         | Aluminium                             |
| Mount                           | Recessed                              |
| Fixture rating                  | Enclosed                              |
| Environment                     | Internal                              |
| General application             | Retail,                               |
| Certifications                  | EUNEW008                              |
| ETIM Class                      | EC001744                              |
| Fixture luminous flux (lm)      | 1297                                  |
| Luminaire efficacy (lm/W)       | 100                                   |
| LOR (%)                         | 100                                   |
| Colour temperature (K)          | 3000                                  |
| Light colour                    | Warm White                            |
| CRI (Ra)                        | 80                                    |
| Colour Variation Initial (SDCM) | 3                                     |
| Beam Angle (°)                  | 51                                    |
| Photobiological Risk Group      | RG1                                   |
| Total power consumption (W)     | 13                                    |
| Electrical protection           | Class II                              |
| Control gear type               | Electronic                            |
| Control gear mounting           | Remote                                |
| Dimmable                        | N                                     |
| Housing colour                  | White                                 |
| IP rating                       | IP20                                  |
| IK rating                       | IK02                                  |
| Product EAN number              | 5410288602035                         |
| Lamps                           | No                                    |

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Included lamp

INTEGRATED LED

### DATA TABLE

#### General data

|                     |                                       |
|---------------------|---------------------------------------|
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| Product name        | EXPOSPOT 50 FIXED RA80 3000K WB WHITE |
| Technology          | LED                                   |
| Housing             | Aluminium                             |
| Mount               | Recessed                              |
| Fixture rating      | Enclosed                              |
| Environment         | Internal                              |
| General application | Retail,                               |
| Certifications      | EUNEW008                              |
| ETIM Class          | EC001744                              |

#### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 1297       |
| Luminaire efficacy (lm/W)       | 100        |
| LOR (%)                         | 100        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Beam Angle (°)                  | 51         |
| Photobiological Risk Group      | RG1        |

#### Electrical data

|                                   |            |
|-----------------------------------|------------|
| Total power consumption (W)       | 13         |
| Mains voltage (V)                 | 230-240V~  |
| Lamp power factor                 | 0.83       |
| Electrical protection             | Class II   |
| Control gear required             | No         |
| Control gear type                 | Electronic |
| Control gear mounting             | Remote     |
| Dimmable                          | N          |
| Drive current (mA)                | 300        |
| Inrush Current (A)                | 17         |
| Inrush Duration (µs)              | 199        |
| Glow Wire Test (°C)               | 850        |
| Nominal Frequency (Hz)            | 50/60Hz    |
| Max. Luminaires per 10A C Breaker | 38         |
| Max. Luminaires per 13A C Breaker | 50         |
| Max. Luminaires per 16A C Breaker | 61         |
| Max. Luminaires per 20A C Breaker | 78         |
| Max. Luminaires per 10A B Breaker | 23         |
| Max. Luminaires per 13A B Breaker | 30         |
| Max. Luminaires per 16A B Breaker | 37         |
| Max. Luminaires per 20A B Breaker | 47         |

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### Lifetime data

|                             |       |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 60000 |
| Lumen maintenance - L70 B20 | 60000 |
| Lumen maintenance - L70 B10 | 60000 |
| Lumen maintenance - L80 B50 | 60000 |
| Lumen maintenance - L80 B20 | 60000 |
| Lumen maintenance - L80 B10 | 60000 |
| Lumen maintenance - L90 B50 | 60000 |
| Lumen maintenance - L90 B20 | 60000 |
| Lumen maintenance - L90 B10 | 55000 |

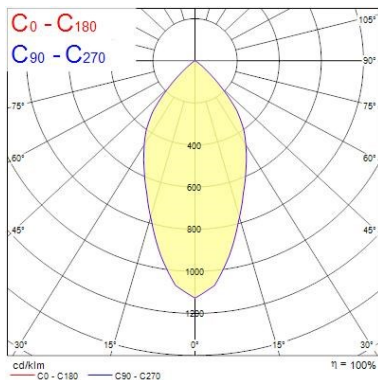
### Physical data

|                             |            |
|-----------------------------|------------|
| Housing colour              | White      |
| IP rating                   | IP20       |
| IK rating                   | IK02       |
| Reflector finish            | Metallised |
| Nominal Product Width (mm)  | 95         |
| Nominal Product Height (mm) | 103        |
| Weight (kg)                 | 0.52       |
| Recessed Depth (mm)         | 103        |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288602035  |
| Packaging single length / height (cm) | 18.0           |
| Packaging single width (cm)           | 18.0           |
| Packaging single depth (cm)           | 16.0           |
| DUN14 (outer)                         | 05410288602035 |
| 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

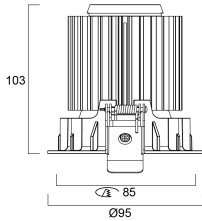


| Distance [m] | Cone diameter [m] | E <sub>v</sub> (0°)<br>E <sub>v</sub> (CO) [lx] | E <sub>v</sub> (50.8°)<br>E <sub>v</sub> (C) [lx] |
|--------------|-------------------|---|---|
| 0.5          | 0.47              | 5547  | 2159  |
| 1.0          | 0.95              | 1402  | 540   |
| 1.5          | 1.42              | 600   | 240   |
| 2.0          | 1.90              | 388   | 150   |
| 2.5          | 2.37              | 234   | 90  |
| 3.0          | 2.85              | 162   | 60  |


Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 50.8°)


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### TECHNICAL DRAWINGS




**SYLVANIA** 0060203

 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

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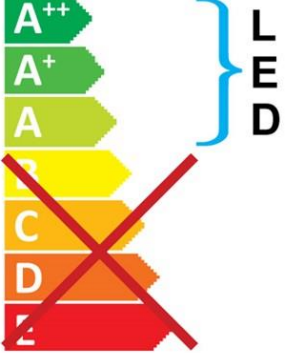
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