

## Expospot 90 cardan

EXPOSPOT 90 CARDAN HE RA90 4000K NB WHITE

0060333



### Product features

- Integrated LED gimbal accent downlight, single head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 26°, optics: aluminium reflector and lens combination, colour temperature: 4000K neutral white, total system power: 28W, total fixture output: 2789lm, 100lm/W, LOR: 100%, colour rendering: Ra 90 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: 148mm, dimensions: 163x104mm, weight: 0.77kg.



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| IPC Code                        | 0060333                                   |
| Product name                    | EXPOSPOT 90 CARDAN HE RA90 4000K NB WHITE |
| Technology                      | LED                                       |
| Housing                         | Aluminium                                 |
| Mount                           | Recessed                                  |
| Fixture rating                  | Enclosed                                  |
| Environment                     | Internal                                  |
| General application             | Retail,                                   |
| Certifications                  | EUNEW008                                  |
| ETIM Class                      | EC001744                                  |
| E-number FI                     | 4274797                                   |
| Fixture luminous flux (lm)      | 2789                                      |
| Luminaire efficacy (lm/W)       | 100                                       |
| LOR (%)                         | 100                                       |
| Colour temperature (K)          | 4000                                      |
| Light colour                    | Neutral White                             |
| CRI (Ra)                        | 90  |
| Colour Variation Initial (SDCM) | 3   |
| Beam Angle (°)                  | 26  |
| Photobiological Risk Group      | RG1                                       |
| Total power consumption (W)     | 28  |
| 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              | 5410288603339                             |
| Lamps                           | No  |
| Included lamp                   | INTEGRATED LED                            |

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### DATA TABLE

#### General data

|                     |   |
|---------------------|---|
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| Housing             | Aluminium                                 |
| Mount               | Recessed                                  |
| Fixture rating      | Enclosed                                  |
| Environment         | Internal                                  |
| General application | Retail,                                   |
| Certifications      | EUNEW008                                  |
| ETIM Class          | EC001744                                  |
| E-number FI         | 4274797                                   |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 2789          |
| Luminaire efficacy (lm/W)       | 100           |
| LOR (%)                         | 100           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | 3             |
| Beam Angle (°)                  | 26            |
| Photobiological Risk Group      | RG1           |

#### Electrical data

|                                   |            |
|-----------------------------------|------------|
| Total power consumption (W)       | 28         |
| Mains voltage (V)                 | 230-240V~  |
| Lamp power factor                 | 0.92       |
| Electrical protection             | Class II   |
| Control gear required             | No         |
| Control gear type                 | Electronic |
| Control gear mounting             | Remote     |
| Dimmable                          | N          |
| Drive current (mA)                | 700        |
| 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         |

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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 |

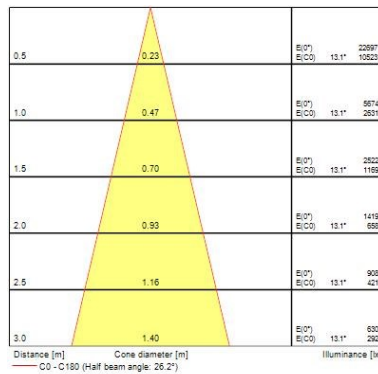
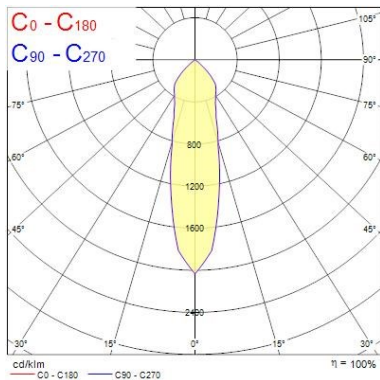
### Physical data

|                             |            |
|-----------------------------|------------|
| Housing colour              | White      |
| IP rating                   | IP20       |
| IK rating                   | IK02       |
| Reflector finish            | Metallised |
| Nominal Product Width (mm)  | 163        |
| Nominal Product Height (mm) | 104        |
| Weight (kg)                 | 0.77       |
| Recessed Depth (mm)         | 104        |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288603339  |
| Packaging single length / height (cm) | 18.0           |
| Packaging single width (cm)           | 18.0           |
| Packaging single depth (cm)           | 16.0           |
| DUN14 (outer)                         | 05410288603339 |
| 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

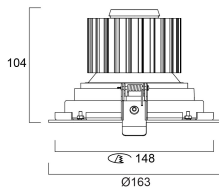


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### TECHNICAL DRAWINGS




**SYLVANIA** 0060333

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

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**SYLVANIA** 0060333 874/2012

A++  
A+  
A  
~~B~~  
~~C~~  
~~D~~  
~~E~~

LED