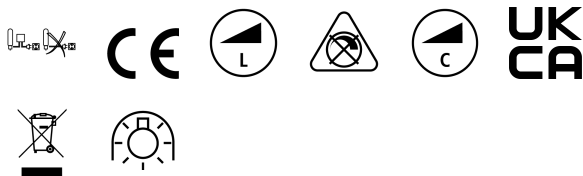


# Shp 250w Basic Plus E40

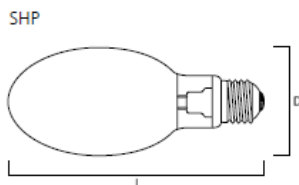
Item No: 0020843

**SYLVANIA**



## Technical Assets

### Dimensions (mm)



| SHP | 50W | 70W | 100W | 150W | 250W | 400W |
|-----|-----|-----|------|------|------|------|
| L   | 165 | 165 | 178  | 227  | 227  | 292  |
| D   | 72  | 72  | 78   | 91   | 91   | 122  |

### Photometrics

### General data

|                     |                         |
|---------------------|-------------------------|
| Product name        | Shp 250w Basic Plus E40 |
| Technology          | HID                     |
| Watt (Rated) (W)    | 260                     |
| Lamp shape          | Ellipsoid               |
| Cap/Base            | E40                     |
| Lamp finish         | Frosted/Coated          |
| Fixture rating      | Open                    |
| General application | Logistics & Industry    |
| ETIM Class          | EC000821                |
| E-number FI         | 4844458                 |

### Optical data

|                                                                      |                |
|----------------------------------------------------------------------|----------------|
| Useful luminous flux ( $\Phi_{use}$ )                                | 32500          |
| Luminous flux (Rated) (lm)                                           | 32500          |
| Ambient temperature for maximum luminous flux ( $^{\circ}\text{C}$ ) | 35             |
| Correlated colour temperature (k)                                    | 2000           |
| CRI (Ra)                                                             | 20             |
| Colour Variation Initial (SDCM)                                      | N/A            |
| Adjustable chromaticity                                              | N              |
| Photobiological Risk Group                                           | Not applicable |
| Rated lumen maint. factor (%) at 4000 h 50Hz                         | 96             |
| Rated lumen maint. factor (%) at 6000 h 50Hz                         | 95             |

# Shp 250w Basic Plus E40

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**SYLVANIA**

|                                               |    |
|-----------------------------------------------|----|
| Rated lumen maint. factor (%) at 8000 h 50Hz  | 93 |
| Rated lumen maint. factor (%) at 12000 h 50Hz | 90 |
| Rated lumen maint. factor (%) at 16000 h 50Hz | 88 |
| Rated lumen maint. factor (%) at 20000 h 50Hz | 86 |

## Electrical data

|                                          |                                |
|------------------------------------------|--------------------------------|
| Power consumption (W)                    | 260                            |
| Wattage (W)                              | 260                            |
| Supply current (A)                       | 2.6                            |
| Primary Supply/Product voltage - min (V) | 100                            |
| Primary Supply/Product voltage - max (V) | 100                            |
| Control gear required                    | Yes                            |
| Dimmable                                 | No                             |
| Dimming method                           | Mains: leading / trailing edge |
| Lamp Energy Label (class)                | E                              |
| kWh per 1000 hours burning time          | 275                            |

## Lifetime data

|                                           |       |
|-------------------------------------------|-------|
| Average life (Nominal) (h)                | 32000 |
| Average life (Rated) (h)                  | 32000 |
| Life T90                                  | 12000 |
| Rated survival factor (%) at 2000 h 50Hz  | 100   |
| Rated survival factor (%) at 4000 h 50Hz  | 99    |
| Rated survival factor (%) at 6000 h 50Hz  | 98    |
| Rated survival factor (%) at 8000 h 50Hz  | 97    |
| Rated survival factor (%) at 12000 h 50Hz | 93    |
| Rated survival factor (%) at 16000 h 50Hz | 90    |
| Rated survival factor (%) at 20000 h 50Hz | 86    |

## Physical data

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 292   |
| Nominal Product Diameter (mm) | 91    |
| Max. Lamp Diameter (mm) - D   | 91    |
| Weight (kg)                   | 0.185 |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288208435  |
| Packaging single length / height (cm) | 23.7           |
| Packaging single width (cm)           | 9.5            |
| Packaging single depth (cm)           | 9.5            |
| DUN14 (inner)                         | 15410288208432 |
| Units per outer package               | 12             |
| Packaging outer length / height (cm)  | 40.4           |
| Packaging outer width (cm)            | 30.3           |
| Packaging outer depth (cm)            | 24.8           |

## Safety data

|                                            |            |
|--------------------------------------------|------------|
| Lamp mercury content (mg)                  | 12.00      |
| Breakage cleaning instructions             | Applicable |
| Recommendation for disposal at end of life | Applicable |
| Special purpose lamp                       | No         |
| Suitable for household illumination        | Yes        |