

## HALOLINE ECO 400 W 230 V R7S

HALOLINE ECO | Double ended halogen lamps with tube base



### Areas of application

- General illumination
- Entrance lighting
- Pathway lighting
- Outdoor applications only in suitable luminaires
- Traffic areas
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

### Product benefits

- Brilliant ECO accent lighting
- Direct replacement for standard tubular halogen lamps
- Significantly lower CO<sub>2</sub> emissions
- Lower thermal output (compared with the standard reference product)
- No transformer required
- Contains no mercury

### Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index R<sub>a</sub>: 100



# Product datasheet

## Technical data

### Electrical data

|  |          |
|--|----------|
| Nominal wattage                        | 400.00 W |
| Nominal voltage                        | 230 V    |
| Rated wattage                          | 400.00 W |
| Claimed equiv. conventional lamp power | 500 W    |
| Power factor $\lambda$                 | 1.00     |

### Photometrical data

|                               |            |
|-------------------------------|------------|
| Nominal luminous flux         | 9000 lm    |
| Color temperature             | 3000 K     |
| Light color as per EN 12464-1 | Warm White |
| Rated luminous flux           | 9000 lm    |
| Color rendering index Ra      | 100        |

### Light technical data

|                     |        |
|---------------------|--------|
| Starting time       | 0.0 s  |
| Warm-up time (60 %) | 0.00 s |

### Dimensions & weight



|                |          |
|----------------|----------|
| Diameter       | 12.0 mm  |
| Overall length | 114.2 mm |
| Length         | 119.6 mm |
| Outer bulb     | T12      |

### Lifespan

|                        |        |
|------------------------|--------|
| Nominal lamp life time | 2000 h |
| Rated lamp life time   | 2000 h |

## Product datasheet

|  |                     |
|--|---------------------|
| <b>Number of switching cycles</b>              | 50000 <sup>1)</sup> |
| <b>Lumen main.fact.at end of nom.life time</b> | 0.80                |

<sup>1)</sup> At 1 min on / 3 min off

### Additional product data

|                                    |   |
|------------------------------------|---|
| <b>Base (standard designation)</b> | R7s   |
| <b>Lamp mercury content</b>        | 0.0 mg  |
| <b>Mercury-free</b>                | Yes   |
| <b>Product remark</b>              | Fuse protection with indicated values recommended acc. to IEC60357, EN60357/For outdoor applications and operation in damp locations special approved fixtures are required |

### Capabilities

|                           |       |
|---------------------------|-------|
| <b>Fuse, quick-acting</b> | 2.0 A |
| <b>Burning position</b>   | Any   |
| <b>Dimmable</b>           | Yes   |

### Certificates & standards

|                                |               |
|--------------------------------|---------------|
| <b>Energy efficiency class</b> | C             |
| <b>Energy consumption</b>      | 400 kWh/1000h |

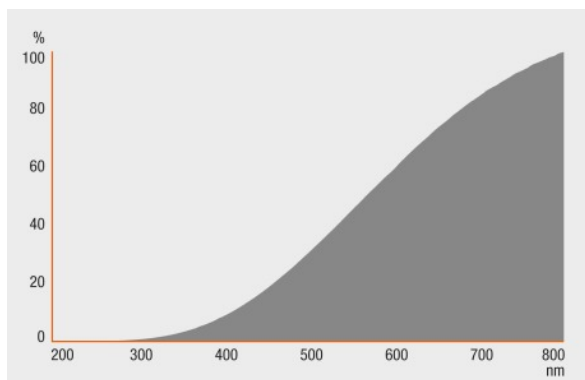
### Country specific categorizations

|                        |                       |
|------------------------|-----------------------|
| <b>ILCOS</b>           | HDG-400-230-R7s-114,2 |
| <b>Order reference</b> | 64702 ECO 400W        |

# Product datasheet

## Light Distribution

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## Spectral power distribution

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### Logistical Data

| Product code  | Product description          | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321207715 | HALOLINE ECO 400 W 230 V R7S | Shipping carton box<br>20    | 149 mm x 78 mm x<br>113 mm           | 1.31 dm <sup>3</sup> | 328.00 g     |

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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.