

CMI-TD Superia

SUPERIA CMI-TD 150W WDL/USV RX7S SLV
0020309



PRODUCT OVERVIEW

| | |
|----------------------------|---|
| Product name | SUPERIA CMI-TD 150W WDL/USV RX7S SLV |
| Technology | HID |
| Watt (Rated) (W) | 150 |
| Lamp shape | Tube, double-ended |
| Type | CMI-TD |
| Cap/Base | RX7s-24 |
| Lamp finish | Clear |
| Fixture rating | Enclosed |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Retail |
| ETIM Class | EC000037 |
| E-number FI | 4844915 |
| E-number SE | 8359162 |
| E-number Norway | 3800975 |
| Luminous flux (lm) | 14000 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White Deluxe |
| CRI (Ra) | 90 |
| Wattage (W) | 150.00 |
| Product Voltage (V) | 80 |
| Dimmable | Yes |
| Average life (Nominal) (h) | 18000 |
| Product EAN number | 5410288203096 |

DATA TABLE

General data

| | |
|------------------|--------------------------------------|
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Optical data

| | |
|--|-------------------|
| Luminous flux (lm) | 14000 |
| Luminous flux (Rated) (lm) | 14000 |
| Ambient temperature for maximum luminous flux (°C) | 25 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White Deluxe |
| Colour Code | 930 |
| CRI (Ra) | 90 |
| Adjustable chromaticity | N |
| Rated lumen maint. factor (%) at 4000 h 50Hz | 85 |
| Rated lumen maint. factor (%) at 6000 h 50Hz | 80 |
| Rated lumen maint. factor (%) at 8000 h 50Hz | 75 |
| Rated lumen maint. factor (%) at 12000 h 50Hz | 72 |
| Rated lumen maint. factor (%) at 16000 h 50Hz | 68 |

Electrical data

| | |
|---------------------------------|--------|
| Wattage (W) | 150.00 |
| Current (A) | 1.88 |
| Product Voltage (V) | 80 |
| Control gear required | Yes |
| Transformer required | No |
| Dimmable | Yes |
| kWh per 1000 hours burning time | 165 |

Lifetime data

| | |
|---|-------|
| Average life (Nominal) (h) | 18000 |
| Average life (Rated) (h) | 18000 |
| Life T90 | 12000 |
| Rated survival factor (%) at 2000 h 50Hz | 100 |
| Rated survival factor (%) at 4000 h 50Hz | 100 |
| Rated survival factor (%) at 6000 h 50Hz | 100 |
| Rated survival factor (%) at 8000 h 50Hz | 98 |
| Rated survival factor (%) at 12000 h 50Hz | 90 |

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| | |
|---|----|
| Rated survival factor (%) at 16000 h 50Hz | 67 |
|---|----|

Physical data

| | |
|-----------------------------|-------|
| Max. Lamp Diameter (mm) - D | 25 |
| Weight (kg) | 0.025 |

Packaging

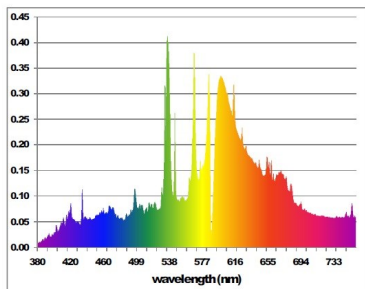
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288203096 |
| Packaging single length / height (cm) | 19.8 |
| Packaging single width (cm) | 4.0 |
| Packaging single depth (cm) | 4.0 |
| DUN14 (inner) | 15410288203093 |
| Units per inner package | 12 |
| Packaging inner length / height (cm) | 21.6 |
| Packaging inner width (cm) | 17.4 |
| Packaging inner depth (cm) | 12.8 |
| DUN14 (outer) | 35410288203097 |
| Units per outer package | 96 |
| Packaging outer length / height (cm) | 24.3 |
| Packaging outer width (cm) | 55.8 |
| Packaging outer depth (cm) | 36.9 |

Safety data

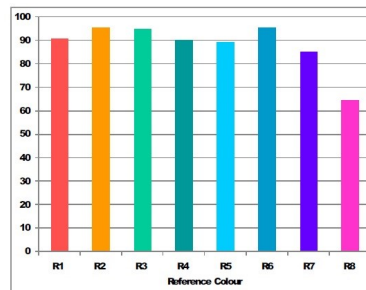
| | |
|--|------------|
| Lamp mercury content (mg) | 8.00 |
| Breakage cleaning instructions | Applicable |
| Recommendation for disposal at end of life | Applicable |
| Special purpose lamp | No |
| Suitable for household illumination | No |

PHOTOMETRY

LAMP SPECTRUM



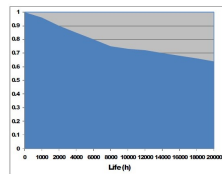
COLOUR RENDERING



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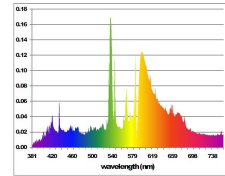
TECHNICAL DRAWINGS

LUMEN MAINTENANCE

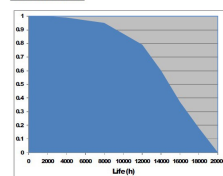


| | | | | | |
|-------|-------|-------|-------|--------|--------|
| 2000h | 4000h | 6000h | 8000h | 12000h | 16000h |
| 0.90 | 0.85 | 0.80 | 0.75 | 0.72 | 0.68 |

LAMP SPECTRUM



SURVIVAL RATE



| | | | | | |
|-------|-------|-------|-------|--------|--------|
| 2000h | 4000h | 6000h | 8000h | 12000h | 16000h |
| 1.00 | 0.99 | 0.97 | 0.95 | 0.79 | 0.37 |