



SON-T

SON-T 1000W/220 E40 1SL

High Pressure Sodium lamp with clear tubular outer bulb

Product data

• General Characteristics

| | |
|--------------------------------|---------------------|
| System Description | External Ignitor |
| Cap-Base | GES [GES] |
| Cap-Base Information | - |
| Bulb | T65 [T 65mm] |
| Bulb Finish | Clear |
| Burning Position | any [Any/Universal] |
| Life to 5% failures | 8000 hr |
| Life to 10% failures | 10000 hr |
| Life to 20% failures | 13000 hr |
| Life to 50% failures | 20000 hr |
| LSF EM 2000h Rated, 12h cycle | 99 % |
| LSF EM 4000h Rated, 12h cycle | 99 % |
| LSF EM 6000h Rated, 12h cycle | 97 % |
| LSF EM 8000h Rated, 12h cycle | 95 % |
| LSF EM 12000h Rated, 12h cycle | 85 % |
| LSF EM 16000h Rated, 12h cycle | 69 % |
| LSF EM 20000h Rated, 12h cycle | 50 % |

• Light Technical Characteristics

| | |
|------------------------------|--------------------|
| Colour Code | 220 [CCT of 2000K] |
| Colour Rendering Index | 25 (max) Ra8 |
| Colour Temperature | 2000 K |
| Colour Temperature Technical | 2100 K |
| Luminous Flux EM 25°C, Rated | 130000 Lm |

| | |
|----------------------------|------------|
| Lum Efficacy Rated EM 25°C | 130 Lm/W |
| Average Luminance EM | 650 cd/cm2 |
| LLMF EM 2000h Rated | 98 % |
| LLMF EM 4000h Rated | 96 % |
| LLMF EM 6000h Rated | 94 % |
| LLMF EM 8000h Rated | 92 % |
| LLMF EM 12000h Rated | 88 % |
| LLMF EM 16000h Rated | 84 % |
| LLMF EM 20000h Rated | 80 % |
| Chromaticity Coordinate X | 515 - |
| Chromaticity Coordinate Y | 420 - |

• Electrical Characteristics

| | |
|-------------------------------|-------------|
| Lamp Wattage | 1000 W |
| Lamp Wattage EM 25°C, Nominal | 1000 W |
| Lamp Wattage EM 25°C, Rated | 960 W |
| Lamp Voltage | 100 V |
| Lamp Current EM | 10.6 A |
| Ignition Time | 10 (max) s |
| Run-up time 90% | 6 (max) min |
| Dimmable | yes |
| Re-ignition Time [sec] | 240 (max) s |

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sense and simplicity

Ratio scotopic/
photopic lumens 0.65 -

Arc Length O 153 mm

• Environmental Characteristics

Mercury (Hg) 38 mg
Content

• Luminaire Design Requirements

Cap-Base Temperature 250 (max) C
Bulb Temperature 450 (max) C

• Product Dimensions

Overall Length C 390 (max) mm
Diameter D 67 (max) mm
Light Center Length L 240 mm

• Product Data

Order code 184122 45
Full product code 871150018412245
Full product name SON-T 1000W/220 E40 1SL
Order product name SON-T 1000W/220 E40 1SL/4
Pieces per pack 1
Packing configuration 4
Packs per outerbox 4
Bar code on pack - EAN1 8711500184122
Bar code on outerbox - EAN3 8711500184139
Logistic code(s) - 12NC 928154509228
ILCOS code ST-1000-H/E-E40
Net weight per piece 491.000 gr

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)

Dimensional drawing

SON-T 1000W/220 E40 1SL

| Product | C (Max) | D (Max) | L (Norm) | O (Norm) |
|---------------------|---------|---------|----------|----------|
| SON-T 1000W/220 E40 | 390 | 67 | 240 | 153 |

E40

Photometric data

SON-T



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data subject to change