



# MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 70W E27 1SL

High Pressure Sodium lamp with opalized outer bulb, high output and longest reliable lifetime

## Product data

### • General Characteristics

|                                |                            |
|--------------------------------|----------------------------|
| System Description             | External Ignitor           |
| Cap-Base                       | E27                        |
| Bulb                           | B70 [B 70mm]               |
| Bulb Finish                    | Coated                     |
| Operating Position             | any [Any or Universal (U)] |
| Life to 5% failures            | 24000 hr                   |
| Life to 10% failures           | 28000 hr                   |
| Life to 20% failures           | 32000 hr                   |
| Life to 50% failures           | 40000 hr                   |
| LSF EM 2000h Rated, 12h cycle  | 99 %                       |
| LSF EM 4000h Rated, 12h cycle  | 99 %                       |
| LSF EM 6000h Rated, 12h cycle  | 99 %                       |
| LSF EM 8000h Rated, 12h cycle  | 99 %                       |
| LSF EM 12000h Rated, 12h cycle | 99 %                       |
| LSF EM 16000h Rated, 12h cycle | 99 %                       |
| LSF EM 20000h Rated, 12h cycle | 97 %                       |

### • Light Technical Characteristics

|                              |              |
|------------------------------|--------------|
| Color Code                   | -            |
| Color Rendering Index        | 25 (max) Ra8 |
| Color Temperature            | 1900 K       |
| Color Temperature Technical  | 1900 K       |
| Luminous Flux EM 25°C, Rated | 6210 Lm      |
| Lum Efficacy Rated EM 25°C   | 90 Lm/W      |

|                           |       |
|---------------------------|-------|
| LLMF EM 2000h Rated       | 91 %  |
| LLMF EM 4000h Rated       | 88 %  |
| LLMF EM 6000h Rated       | 87 %  |
| LLMF EM 8000h Rated       | 86 %  |
| LLMF EM 12000h Rated      | 85 %  |
| LLMF EM 16000h Rated      | 84 %  |
| LLMF EM 20000h Rated      | 84 %  |
| Chromaticity Coordinate X | 540 - |
| Chromaticity Coordinate Y | 415 - |

### • Electrical Characteristics

|                                |             |
|--------------------------------|-------------|
| Lamp Wattage                   | 70 W        |
| Lamp Wattage EM 25°C, Nominal  | 70.0 W      |
| Lamp Wattage EM 25°C, Rated    | 76.5 W      |
| Lamp Voltage                   | 90 V        |
| Lamp Current EM                | 0.98 A      |
| Ignition Time                  | 5 (max) s   |
| Run-up time 90%                | 4 (max) min |
| Dimmable                       | Yes         |
| Re-ignition Time [sec]         | 180 (max) s |
| Ratio scotopic/photopic lumens | 0.50 -      |

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# MASTER SON APIA Plus Xtra

## • Environmental Characteristics

|                               |         |
|-------------------------------|---------|
| Energy Efficiency Label (EEL) | A+      |
| Mercury (Hg) Content          | 12.0 mg |
| Energy consumption kWh/1000h  | 84 kWh  |

## • Luminaire Design Requirements

|                      |             |
|----------------------|-------------|
| Cap-Base Temperature | 200 (max) C |
| Bulb Temperature     | 350 (max) C |

## • Product Dimensions

|                  |              |
|------------------|--------------|
| Overall Length C | 156 (max) mm |
| Diameter D       | 71 (max) mm  |

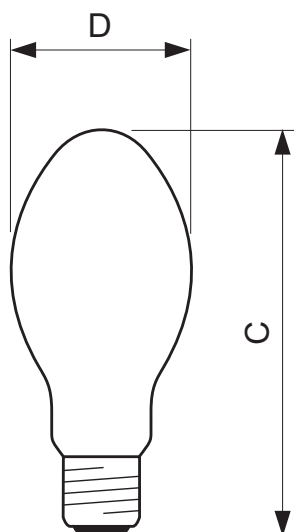
## • Product Data

|                             |                                       |
|-----------------------------|---------------------------------------|
| Order code                  | 928150719835                          |
| Full product code           | 928150719835                          |
| Full product name           | MASTER SON APIA Plus Xtra 70W E27 1SL |
| Order product name          | MST SON APIA Plus Xtra 70W E27 1SL/24 |
| Pieces per pack             | 1                                     |
| Packing configuration       | 24                                    |
| Packs per outerbox          | 24                                    |
| Bar code on pack - EAN1     | 8727900928174                         |
| Bar code on outerbox - EAN3 | 8727900928181                         |
| Logistic code(s) - 12NC     | 928150719835                          |
| ILCOS code                  | SE-70-H/E-E27                         |
| Net weight per piece        | 0.045 kg                              |

## Warnings and Safety

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

## Dimensional drawing

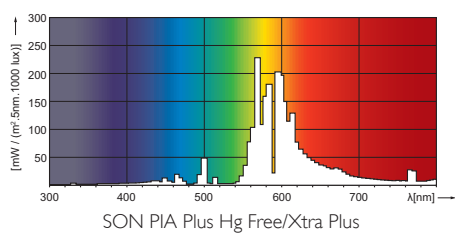


E27

## MASTER SON APIA Plus Xtra 70W E27 1SL

| Product                    | C (Max) | D (Max) |
|----------------------------|---------|---------|
| SON APIA Plus Xtra 70W E27 | 156     | 71      |

## Photometric data



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data subject to change