



MASTER - LED HID SON-T - Ultra Efficient

MAS LED SON-T UE M 8Klm 42.8W 727 E40

Philips MASTER - LED HID SON-T Ultra Efficient lamps are an easy LED solution with the highest efficiency to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER – LED HID SON-T UE solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for low energy costs. With the right lamp size and light distribution, you can easily use MASTER – LED HID SON-T UE lamps into existing SON and SON-T systems, enhancing the lighting quality with LED by removing the luminaire's ballast for direct Mains working, gaining additional savings.

Warnings and Safety

- Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

| General Information | | Light Technical | |
|----------------------------|----------------|---------------------------------------|--------------------|
| Cap-Base | E40 [E40] | Color Code | 727 [CCT of 2700K] |
| Nominal lifetime | 50,000 hour(s) | Beam Angle (Nom) | 300 degree(s) |
| Switching Cycle | 50,000 | Luminous Flux | 8,000 lumen |
| Lighting Technology | LED | Color Designation | Warm White (WW) |
| Flux measurement reference | Sphere | Correlated Color Temperature (Nom) | 2700 K |
| Value ladder | Performance | Luminous Efficacy (rated) (Nom) | 186 lm/W |
| CE mark | Yes | Color Consistency | <6 |
| EU RoHS compliant | Yes | Color rendering index (CRI) | 70 |
| | | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| | | Flickering value (PstLM) | 1 |

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|--|---------------|
| Stroboscopic effect value (SVM) | 2 |
| Photobiological safety according to EN 62471 RG1 | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 42.8 W |
| Lamp Current (Nom) | 188 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Voltage (Nom) | 220 V |
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| T-Case Maximum (Nom) | 44.02 °C |
| Controls and Dimming | |
| Dimmable | No |

Mechanical and Housing

| | |
|-------------|--------------|
| Bulb Finish | Clear |
| Bulb Shape | T52 [T 52mm] |

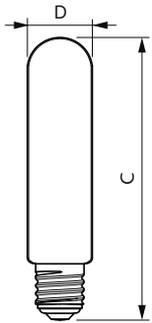
Approval and Application

| | |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 43 kWh |
|-------------------------------|--------|

Product Data

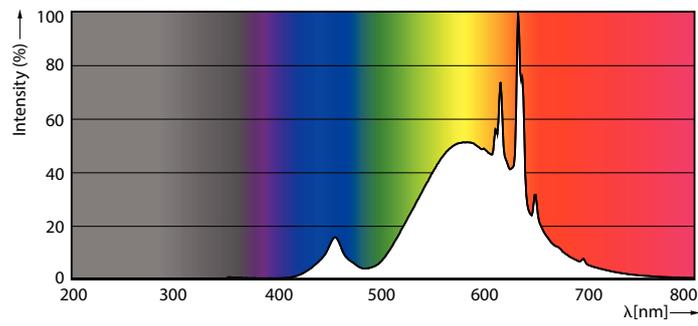
| | |
|---------------------------------|---------------------------------------|
| Full product code | 872016924037700 |
| Order product name | MAS LED SON-T UE M 8Klm 42.8W 727 E40 |
| Order code | 929003677502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929003677502 |
| Full product name | MAS LED SON-T UE M 8Klm 42.8W 727 E40 |
| EAN/UPC - Case | 8720169240384 |
| EAN/UPC - Product/Case | 8720169240377 |

Dimensional drawing

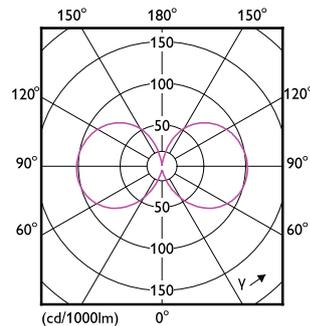


| Product | D | C |
|---------------------------------------|-------|--------|
| MAS LED SON-T UE M 8Klm 42.8W 727 E40 | 53 mm | 236 mm |

Photometric data



Spectral Power Distribution Colour - MAS LED SON-T UE M 8Klm 42.8W 727 E40



Light Distribution Diagram - MAS LED SON-T UE M 8Klm 42.8W 727 E40

