PHILIPS Lighting



MASTER - LED HID SON-T

MAS LED SON-T IF 5.4Klm 34W 727 E27

Philips LED Road lamps are an easy LED solution with a short payback period to replace High Intensity Discharge (HID) and High Pressure Sodium (SON) lamps. TrueForce LED solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast or reflector.

Warnings and Safety

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

Product data

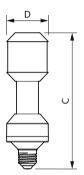
| General Information | | Color Consistency | <6 |
|------------------------------------|--------------------|---------------------------------------|---------|
| Cap-Base | E27 [E27] | Color rendering index (CRI) | 70 |
| EU RoHS compliant | Yes | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Nominal lifetime | 70,000 hour(s) | | |
| Switching Cycle | 50,000 | Operating and Electrical | |
| Lighting Technology | LED | Line Frequency | 50 Hz |
| Flux measurement reference | Sphere | Input Frequency | 50 Hz |
| Brand | Philips | Power Consumption | 34 W |
| | | Lamp Current (Nom) | 965 mA |
| Light Technical | | Wattage Equivalent | 70 W |
| Color Code | 727 [CCT of 2700K] | Starting Time (Nom) | 0.5 s |
| Luminous Flux | 5,400 lumen | Warm-up time to 60% light | 0.5 s |
| Color Designation | Warm White (WW) | Voltage (Nom) | 68-78 V |
| Correlated Color Temperature (Nom) | 2700 K | | |
| Luminous Efficacy (rated) (Nom) | 158 lm/W | | |

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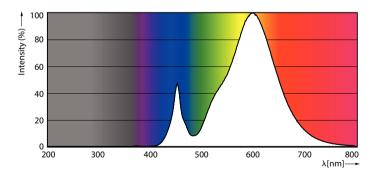
| Temperature | |
|-------------------------------|---------------|
| Ambient temperature range | -40 ℃ to 55 ℃ |
| T-Case Maximum (Nom) | 59 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | Glass |
| Bulb Shape | T60 [T 60mm] |
| | |
| Approval and Application | |
| Energy Consumption kWh/1000 h | 34 kWh |

| EPREL Registration Number | 1,077,801 | |
|---------------------------------|-------------------------------------|--|
| | | |
| Product Data | | |
| Full product code | 871951444891900 | |
| Order product name | MAS LED SON-T IF 5.4Klm 34W 727 E27 | |
| Order code | 929003467212 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 6 | |
| Material number (12NC) | 929003467212 | |
| Net weight | 0.250 kg | |
| Full product name | MAS LED SON-T IF 5.4Klm 34W 727 E27 | |
| EAN/UPC - Case | 8719514448926 | |
| | | |

Dimensional drawing

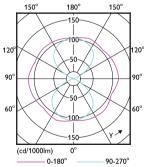


| Photometric | data |
|-------------|------|



Spectral Power Distribution Colour

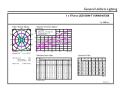
| Product | D | с |
|-------------------------------------|-------|--------|
| MAS LED SON-T IF 5.4Klm 34W 727 E27 | 61 mm | 200 mm |



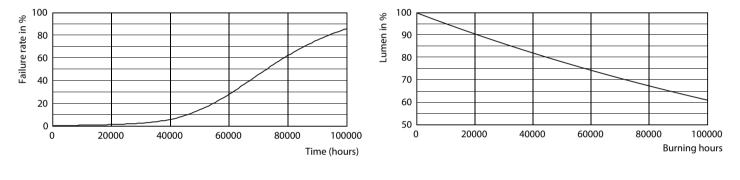
Light Distribution Diagram

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Photometric data



Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 5.4Klm 34W 727 E27

Lumen Maintenance Diagram - MAS LED SON-T IF 5.4Klm 34W 727 E27



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