



The best LED replacement for HID and SON road lamps with MASTER - LED HID SON-T

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Philips MASTER - LED HID SON-T lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER - LED HID SON-T 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 MASTER - LED HID SON-T lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast (for IF replacements) or reflector.

Benefits

- Cost-saving lamps with short payback time
- Low initial investment
- Easy way to enhance lighting quality

Features

- High energy efficiency
- Long lifetime of 50,000 hours
- Right size and light distribution for retrofits
- Direct LED replacement, no need to change the luminaire
- Pleasant white light with CRI70
- Surge protection 6KV

MASTER - LED HID SON-T

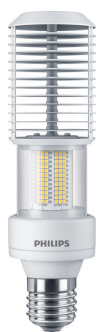
Application

- Road and Street
- Tunnel
- Parking Garages

Warnings and Safety

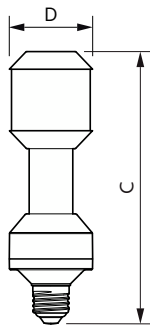
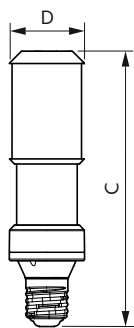
- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

Versions



LEDTrueForce E40 55W

Dimensional drawing



| Product | D | C |
|--------------------------------|-------|--------|
| TForce LED Road 55W E40 740 MV | 71 mm | 262 mm |

| Product | D | C |
|--------------------------------|-------|--------|
| TForce LED Road 35W E27 730 MV | 61 mm | 200 mm |
| TForce LED Road 60-35W E27 740 | 61 mm | 200 mm |

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General Information

| | |
|------------------|----------------|
| Switching Cycle | 50,000 |
| Nominal lifetime | 50,000 hour(s) |

Light Technical

| | |
|---------------------------------------|------|
| Color rendering index (CRI) | 70 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

Operating and Electrical

| | |
|---------------------|-------|
| Starting Time (Nom) | 0.5 s |
|---------------------|-------|

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-------------|--------|
| Bulb Finish | Clear |
| Bulb Shape | Others |

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|--------------------------------|----------|
| 929002068708 | TForce LED Road 55W E40 740 MV | E40 |
| 929001898502 | TForce LED Road 60-35W E27 740 | E27 |
| 929002221708 | TForce LED Road 35W E27 730 MV | E27 |

Light Technical

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Color Code | Luminous Flux |
|--------------|--------------------------------|------------------------------------|------------|---------------|
| | | | | |
| 929002068708 | TForce LED Road 55W E40 740 MV | 4000 K | 740 | 9,000 lm |
| 929001898502 | TForce LED Road 60-35W E27 740 | 4000 K | 740 | 6,000 lm |

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Color Code | Luminous Flux |
|--------------|--------------------------------|------------------------------------|------------|---------------|
| | | | | |
| 929002221708 | TForce LED Road 35W E27 730 MV | 3000 K | 730 | 5,500 lm |

Operating and Electrical

| Order Code | Full Product Name | Input | | Power Consumption |
|--------------|--------------------------------|-------------|----------------|-------------------|
| | | Frequency | Line Frequency | |
| 929002068708 | TForce LED Road 55W E40 740 MV | 50 to 60 Hz | 50 to 60 Hz | 55 W |
| 929001898502 | TForce LED Road 60-35W E27 740 | 50 Hz | 50 Hz | 35 W |

| Order Code | Full Product Name | Input | | Power Consumption |
|--------------|--------------------------------|-------------|----------------|-------------------|
| | | Frequency | Line Frequency | |
| 929002221708 | TForce LED Road 35W E27 730 MV | 50 to 60 Hz | 50 to 60 Hz | 35 W |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|--------------------------------|----------------------|
| 929002068708 | TForce LED Road 55W E40 740 MV | 97 °C |
| 929001898502 | TForce LED Road 60-35W E27 740 | 95 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|--------------------------------|----------------------|
| 929002221708 | TForce LED Road 35W E27 730 MV | 95 °C |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|--------------------------------|-------------------------------|
| | | |
| 929002068708 | TForce LED Road 55W E40 740 MV | 55 kWh |
| 929001898502 | TForce LED Road 60-35W E27 740 | 35 kWh |
| 929002221708 | TForce LED Road 35W E27 730 MV | 35 kWh |

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