



# TrueForce LED Public (Road – SON)

## TrueForce LED Road 60–35W E27 740

Philips TrueForce LED road lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy-efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into the existing systems without changing the luminaire’s ballast or reflector while enhancing the lighting quality.

### Product data

| General Information                    |                       |
|--|-----------------------|
| Cap base                               | E27 [ E27]            |
| EU RoHS compliant                      | Yes                   |
| Nominal lifetime (nom.)                | 50000 h               |
| Switching cycle                        | 50,000X               |
| Technical type                         | 35-70W                |
|  | Sphere                |
| Light Technical                        |                       |
| Colour Code                            | 740 [ CCT of 4,000 K] |
| Luminous flux (nom.)                   | 6000 lm               |
| Colour designation                     | Cool White (CW)       |
| Correlated Colour Temperature (Nom)    | 4000 K                |
| Luminous efficacy (rated) (nom.)       | 171.00 lm/W           |
| Colour consistency                     | <6                    |
| Colour rendering index (nom.)          | 70                    |
| LLMF at end of nominal lifetime (nom.) | 70 %                  |

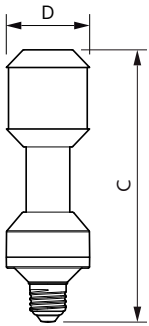
| Operating and Electrical         |         |
|----------------------------------|---------|
| Input frequency                  | 50 Hz   |
| Power (Rated) (Nom)              | 35 W    |
| Lamp current (nom.)              | 920 mA  |
| Wattage equivalent               | 70 W    |
| Starting time (nom.)             | 0.5 s   |
| Warm-up time to 60% light (nom.) | 0.5 s   |
| Power factor (nom.)              | 0.9     |
| Voltage (Nom)                    | 70-80 V |
| Temperature                      |         |
| T-Case maximum (nom.)            | 95 °C   |
| Controls and Dimming             |         |
| Dimmable                         | No      |
| Mechanical and Housing           |         |
| Lamp Finish                      | Clear   |

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|                                    |                 |
|------------------------------------|-----------------|
| Bulb shape                         | Others          |
| <b>Approval and Application</b>    |                 |
| Energy Efficiency Class            | D               |
| Energy consumption kWh/1,000 hours | 35 kWh          |
|                                    | 403565          |
| <b>Product Data</b>                |                 |
| Full product code                  | 871869681117700 |

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Order product name                | TrueForce LED Road 60-35W E27 740 |
| EAN/UPC – product                 | 8718696811177                     |
| Order code                        | 81117700                          |
| SAP numerator – quantity per pack | 1                                 |
| Numerator – packs per outer box   | 6                                 |
| SAP material                      | 929001898502                      |
| SAP net weight (piece)            | 0.225 kg                          |

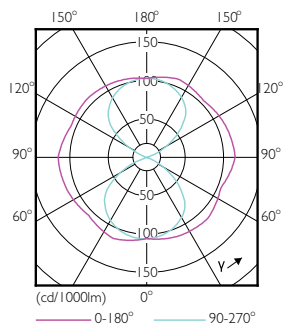
## Dimensional drawing



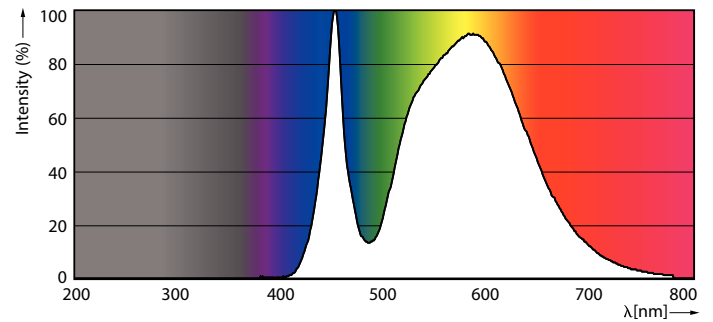
TForce LED EU SON-T 70W 50khrs 4000K

| Product                           | D     | C      |
|-----------------------------------|-------|--------|
| TrueForce LED Road 60-35W E27 740 | 61 mm | 200 mm |

## Photometric data



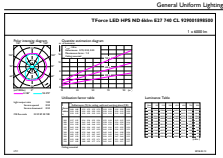
LED TForce 58-35W E27 others Clear 730 ND



LED TForce 60-35W E27 others Clear 740 ND

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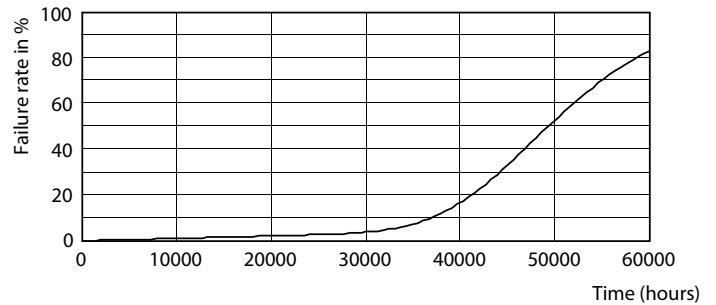
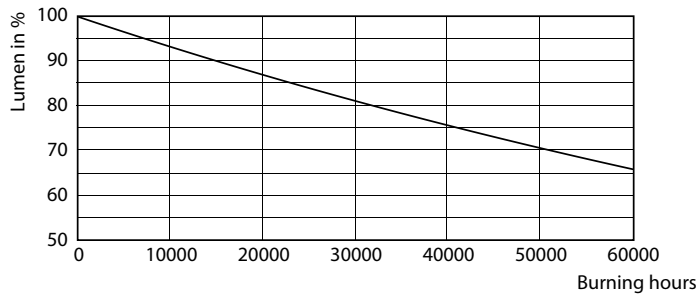
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## Lifetime



LED TForce 58-35W E27 others Clear 730 ND

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