



# TrueForce LED Public (Road – SON)

## TrueForce LED Road 120-68W E40 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

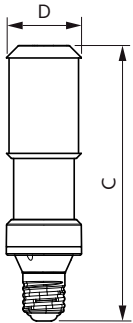
| General Information                   |                     | Power (Rated) (Nom)             |         |
|---------------------------------------|---------------------|---------------------------------|---------|
| Cap-Base                              | E40 [ E40]          |                                 | 68 W    |
| EU RoHS compliant                     | Yes                 | Lamp Current (Nom)              | 1650 mA |
| Nominal Lifetime (Nom)                | 50000 h             | Starting Time (Nom)             | 0.5 s   |
| Switching Cycle                       | 50000X              | Warm Up Time to 60% Light (Nom) | 0.5 s   |
| Technical Type                        | 68-150W             | Power Factor (Nom)              | 0.9     |
|                                       |                     | Voltage (Nom)                   | 80-90 V |
| Light Technical                       |                     | Temperature                     |         |
| Colour Code                           | 740 [ CCT of 4000K] | T-Case Maximum (Nom)            | 103 °C  |
| Luminous Flux (Nom)                   | 12000 lm            |                                 |         |
| Colour Designation                    | Cool White (CW)     | Controls and Dimming            |         |
| Colour Temperature, horizontal (Nom)  | 4000 K              | Dimmable                        | No      |
| Luminous Efficacy (rated) (Nom)       | 176.00 lm/W         |                                 |         |
| Color Consistency                     | <6                  | Mechanical and Housing          |         |
| Colour Rendering Index horiz (Nom)    | 70                  | Bulb Finish                     | Clear   |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |                                 |         |
| Operating and Electrical              |                     | Approval and Application        |         |
| Input Frequency                       | 50 Hz               | Energy Efficiency Label         | A++     |

# TrueForce LED Public (Road – SON)

|                               |                                    |
|-------------------------------|------------------------------------|
| Energy Consumption kWh/1000 h | 75 kWh                             |
| <b>Product Data</b>           |                                    |
| Full product code             | 871869963910500                    |
| Order product name            | TrueForce LED Road 120-68W E40 740 |
| EAN/UPC - Product             | 8718699639105                      |
| Order code                    | 63910500                           |

|                                 |              |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 6            |
| Material Nr. (12NC)             | 929002007702 |
| Net Weight (Piece)              | 0.432 kg     |

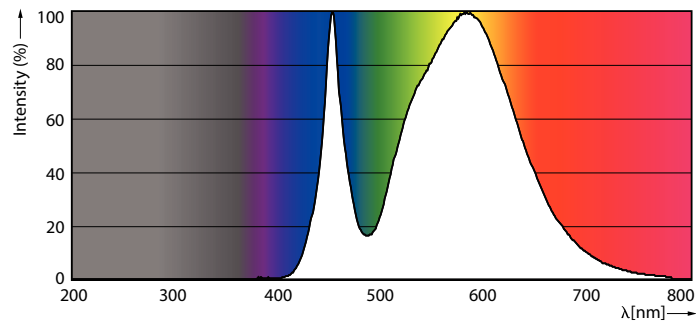
## Dimensional drawing



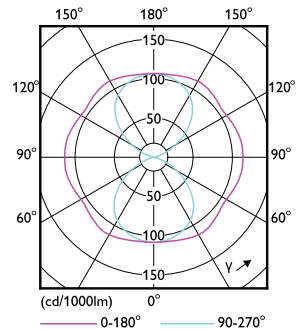
TForce LED SON-T ND 12klm E40 740 CL

| Product                            | D     | C      |
|------------------------------------|-------|--------|
| TrueForce LED Road 120-68W E40 740 | 71 mm | 262 mm |

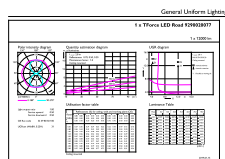
## Photometric data



LEDTrueForce SON-T 12klm E40 740



LEDTrueForce SON-T E40 68W

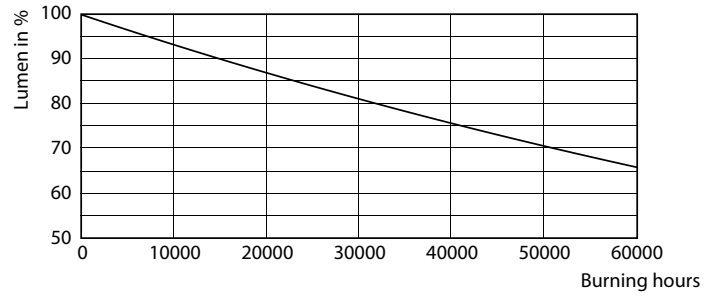
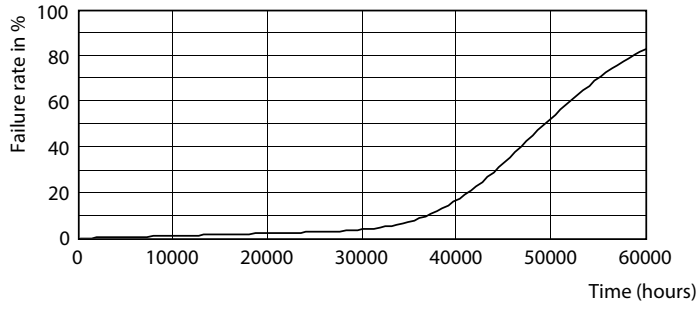


General Uniform Lightness

LEDTrueForce SON-T 12klm E40 740

# TrueForce LED Public (Road – SON)

## Lifetime



LEDTrueForce SON-T E40

LEDTrueForce SON-T E40

