



# TrueForce LED Public (Road – SON)

## TrueForce LED Road 90-55W 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

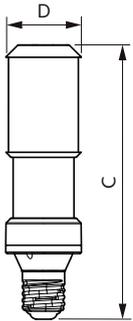
| General Information                   |                     | Power (Nom)                     |         |
|---------------------------------------|---------------------|---------------------------------|---------|
| Cap-Base                              | E40 [ E40]          |                                 | 55 W    |
| EU RoHS compliant                     | Yes                 | Lamp Current (Nom)              | 1000 mA |
| Nominal Lifetime (Nom)                | 50000 h             | Wattage Equivalent              | 100 W   |
| Switching Cycle                       | 50000X              | Starting Time (Nom)             | 0.5 s   |
| Technical Type                        | 55-100W             | Warm Up Time to 60% Light (Nom) | 0.5 s   |
|                                       |                     | Power Factor (Nom)              | 0.9     |
|                                       |                     | Voltage (Nom)                   | 88-98 V |
| Light Technical                       |                     | Temperature                     |         |
| Color Code                            | 740 [ CCT of 4000K] | T-Case Maximum (Nom)            | 97 °C   |
| Luminous Flux (Nom)                   | 9000 lm             |                                 |         |
| Color Designation                     | Cool White (CW)     | Controls and Dimming            |         |
| Correlated Color Temperature (Nom)    | 4000 K              | Dimmable                        | No      |
| Luminous Efficacy (rated) (Nom)       | 163.00 lm/W         | Mechanical and Housing          |         |
| Color Consistency                     | <6                  | Bulb Finish                     | Clear   |
| Color Rendering Index (Nom)           | 70                  | Approval and Application        |         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                | Energy Efficiency Label (EEL)   | A++     |
| Operating and Electrical              |                     |                                 |         |
| Input Frequency                       | 50 Hz               |                                 |         |

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|                               |                                   |
|-------------------------------|-----------------------------------|
| Energy Consumption kWh/1000 h | 61 kWh                            |
| <b>Product Data</b>           |                                   |
| Full product code             | 871869963906800                   |
| Order product name            | TrueForce LED Road 90-55W E40 740 |
| EAN/UPC - Product             | 8718699639068                     |
| Order code                    | 929002007502                      |

|                                 |              |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 6            |
| Material Nr. (12NC)             | 929002007502 |
| Net Weight (Piece)              | 0.432 kg     |

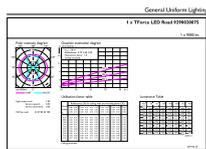
## Dimensional drawing



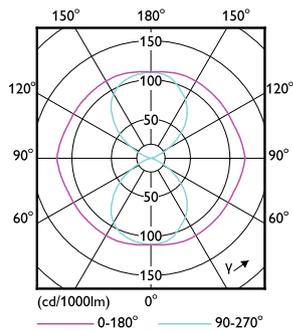
TForce LED SON-T ND 9klm E40 740 CL

| Product                           | D     | C      |
|-----------------------------------|-------|--------|
| TrueForce LED Road 90-55W E40 740 | 71 mm | 262 mm |

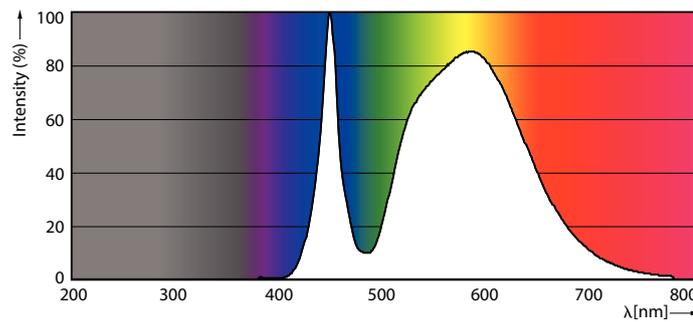
## Photometric data



General Uniform Lighting  
1 x TrueForce LED Road 90-55W E40 740  
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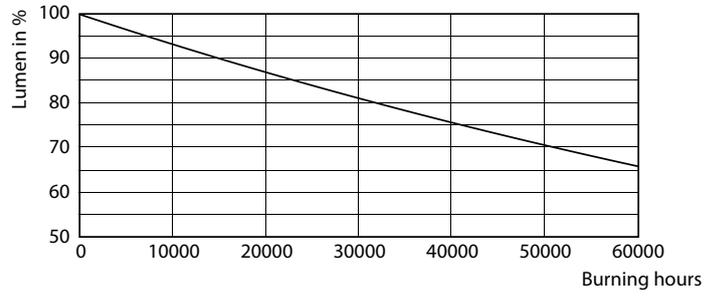
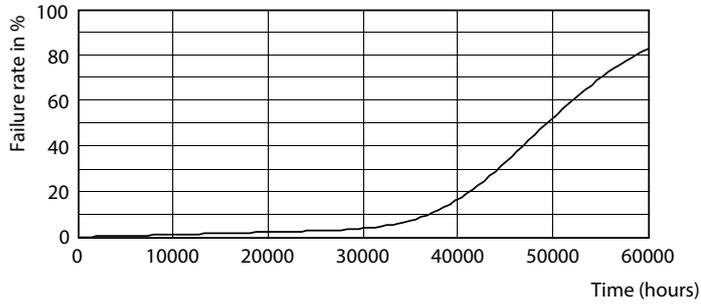
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## Lifetime



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