



# TrueForce LED Public (Urban/Road – HPL/SON)

## TrueForce LED HPL ND 40-28W E27 840

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. These post-top lamps bring the energy efficiency and long lifetime benefits of LED-to-HID replacement, delivering instant savings for a low initial investment. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing HPL and SON system, thereby enhancing the light quality with LED HID, without having to change the fixtures or sacrifice the light effect.

### Warnings and Safety

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

### Product data

| General Information     |                       | Operating and Electrical               |                 |
|-------------------------|-----------------------|--|-----------------|
| Cap base                | E27 [ E27]            | Colour designation                     | Cool White (CW) |
| EU RoHS compliant       | Yes                   | Correlated Colour Temperature (Nom)    | 4000 K          |
| Nominal lifetime (nom.) | 50000 h               | Luminous efficacy (rated) (nom.)       | 142.00 lm/W     |
| Switching cycle         | 50,000X               | Colour consistency                     | <6              |
| Technical type          | 28-125W               | Colour rendering index (nom.)          | 80              |
|                         | Sphere                | LLMF at end of nominal lifetime (nom.) | 70 %            |
| Light Technical         |                       | Input frequency                        | 50 to 60 Hz     |
| Colour Code             | 840 [ CCT of 4,000 K] | Power (Rated) (Nom)                    | 28 W            |
| Beam Angle (Nom)        | 360 °                 | Lamp current (nom.)                    | 125 mA          |
| Luminous flux (nom.)    | 4000 lm               | Wattage equivalent                     | 80 W            |

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|                                  |           |
|----------------------------------|-----------|
| Starting time (nom.)             | 0.45 s    |
| Warm-up time to 60% light (nom.) | 0.45 s    |
| Power factor (nom.)              | 0.95      |
| Voltage (Nom)                    | 220-240 V |

## Temperature

|                       |       |
|-----------------------|-------|
| T-Case maximum (nom.) | 85 °C |
|-----------------------|-------|

## Controls and Dimming

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

## Mechanical and Housing

|             |        |
|-------------|--------|
| Lamp Finish | Clear  |
| Bulb shape  | Others |

## Approval and Application

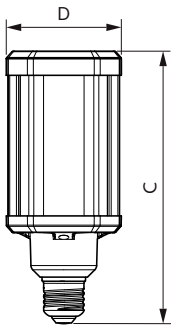
|                         |   |
|-------------------------|---|
| Energy Efficiency Class | D |
|-------------------------|---|

|                                    |        |
|------------------------------------|--------|
| Energy consumption kWh/1,000 hours | 28 kWh |
|                                    | 403571 |

## Product Data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Full product code                 | 871869963820700                     |
| Order product name                | TrueForce LED HPL ND 40-28W E27 840 |
| EAN/UPC – product                 | 8718699638207                       |
| Order code                        | 63820700                            |
| SAP numerator – quantity per pack | 1                                   |
| Numerator – packs per outer box   | 6                                   |
| SAP material                      | 929002006402                        |
| SAP net weight (piece)            | 0.365 kg                            |

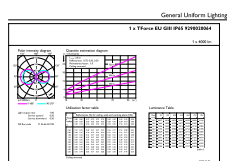
## Dimensional drawing



TrueForce LED HPL ND 40-28W E27 840

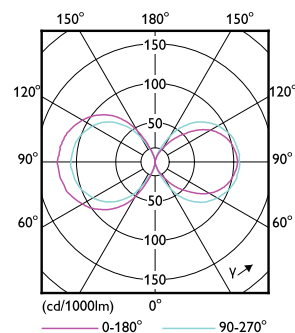
| Product                             | D     | C      |
|-------------------------------------|-------|--------|
| TrueForce LED HPL ND 40-28W E27 840 | 75 mm | 178 mm |

## Photometric data



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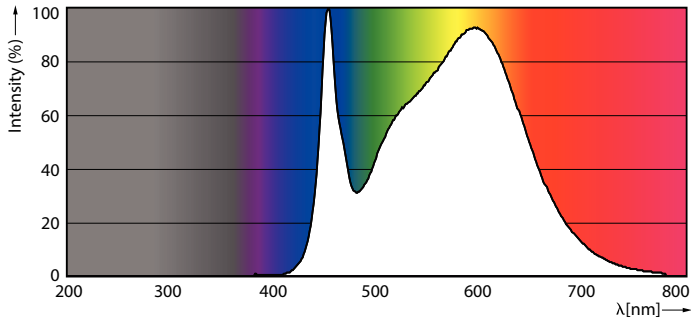
LEDTrueForce E27 28W 4000K



LEDTrueForce E27 360

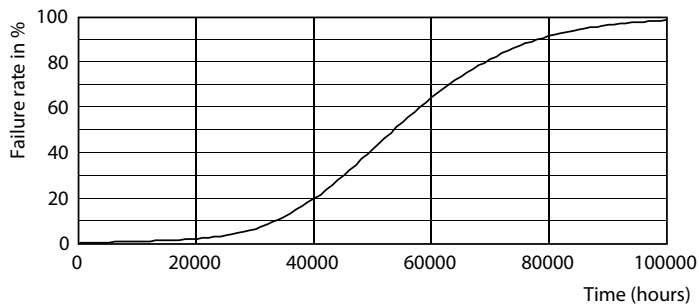
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## Photometric data

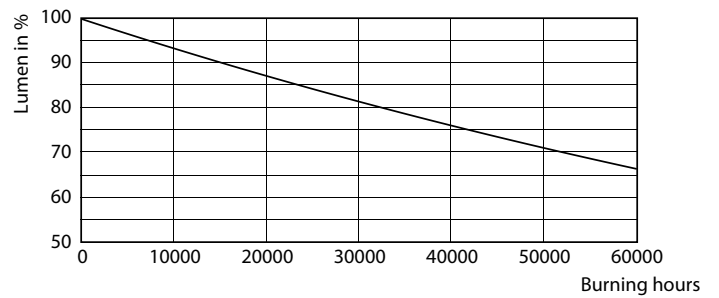


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## Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

