



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

## TrueForce LED HPL ND 30-21W E27 840

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

### Product data

| General Information                  |                       |
|--------------------------------------|-----------------------|
| Cap base                             | E27 [ E27]            |
| Nominal lifetime (nom.)              | 50000 h               |
| Switching cycle                      | 50000X                |
| Technical type                       | 21-80W                |
| Light Technical                      |                       |
| Colour code                          | 840 [ CCT of 4,000 K] |
| Beam Angle (Nom)                     | 360 °                 |
| Luminous flux (nom.)                 | 3000 lm               |
| Colour designation                   | Cool White (CW)       |
| Correlated colour temperature (nom.) | 4000 K                |
| Luminous efficacy (rated) (nom.)     | 142.00 lm/W           |
| Colour consistency                   | <6                    |
| Color rendering index (nom.)         | 80                    |

| LLMF at end of nominal lifetime (nom.) | 70 %        |
|--|-------------|
| Operating and Electrical               |             |
| Input frequency                        | 50 to 60 Hz |
| Power (Rated) (Nom)                    | 21 W        |
| Lamp current (nom.)                    | 95 mA       |
| Wattage equivalent                     | 80 W        |
| 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.)                  | 80 °C       |

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## Controls and Dimming

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

## Mechanical and Housing

|             |       |
|-------------|-------|
| Bulb finish | Clear |
|-------------|-------|

## Approval and Application

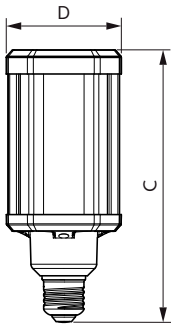
|                               |        |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A++    |
| Energy Consumption kWh/1000 h | 21 kWh |

## Product Data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871869963816000 |
|-------------------|-----------------|

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | TrueForce LED HPL ND 30-21W E27 840 |
| EAN/UPC – product               | 8718699638160                       |
| Order code                      | 63816000                            |
| Numerator – quantity per pack   | 1                                   |
| Numerator – packs per outer box | 6                                   |
| Material no. (12NC)             | 929002006202                        |
| Net weight (piece)              | 0.370 kg                            |

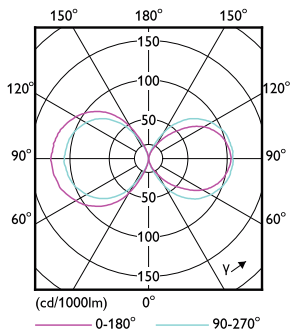
## Dimensional drawing



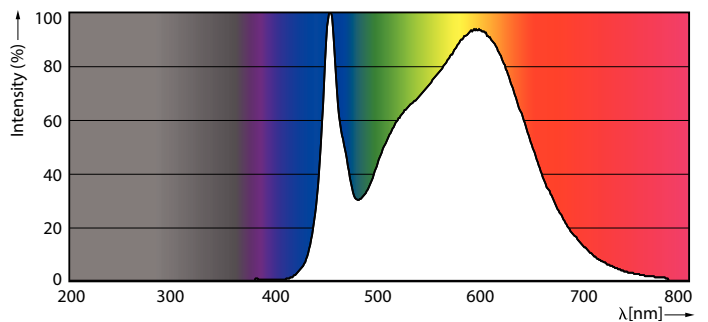
Tforce LED HPL ND 3klm E27 840 CL IP65

| Product                             | D     | C      |
|-------------------------------------|-------|--------|
| TrueForce LED HPL ND 30-21W E27 840 | 75 mm | 178 mm |

## Photometric data



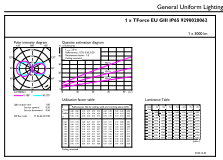
LEDTrueForce E27 360



LEDTrueForce E27 21W 4000K

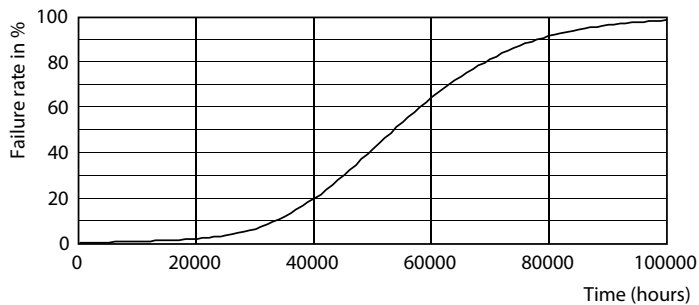
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## Photometric data

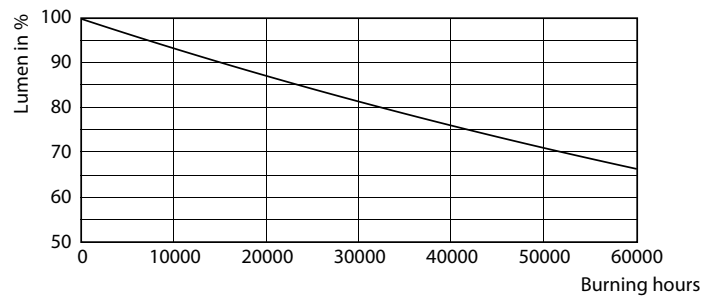


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## Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

