



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

## TrueForce LED HPL ND 60-42W E40 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                  |                       | Color rendering index (nom.)           |             |
|--------------------------------------|-----------------------|--|-------------|
| Cap base                             | E40 [ E40]            |  | 80          |
| Nominal lifetime (nom.)              | 50000 h               | LLMF at end of nominal lifetime (nom.) | 70 %        |
| Switching cycle                      | 50000X                | <b>Operating and Electrical</b>        |             |
| Technical type                       | 42-200W               | Input frequency                        | 50 to 60 Hz |
| <b>Light Technical</b>               |                       | Power (Rated) (Nom)                    | 42 W        |
| Colour code                          | 840 [ CCT of 4,000 K] | Lamp current (nom.)                    | 186 mA      |
| Beam Angle (Nom)                     | 360 °                 | Wattage equivalent                     | 200 W       |
| Luminous flux (nom.)                 | 6000 lm               | Starting time (nom.)                   | 0.45 s      |
| Luminous flux (rated) (nom.)         | 6000 lm               | Warm-up time to 60% light (nom.)       | 0.45 s      |
| Colour designation                   | Cool White (CW)       | Power factor (nom.)                    | 0.95        |
| Correlated colour temperature (nom.) | 4000 K                | Voltage (Nom)                          | 220-240 V   |
| Luminous efficacy (rated) (nom.)     | 142.00 lm/W           |  |             |
| Colour consistency                   | <6                    |  |             |

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## Temperature

|                       |       |
|-----------------------|-------|
| T-Case maximum (nom.) | 90 °C |
|-----------------------|-------|

## Controls and Dimming

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

## Mechanical and Housing

|             |            |
|-------------|------------|
| Bulb finish | Clear (CL) |
|-------------|------------|

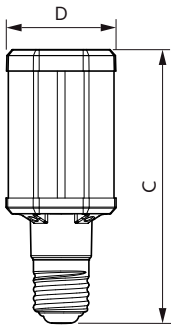
## Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A++    |
| Energy Consumption kWh/1000 h | 42 kWh |

## Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Full product code               | 871869963828300                     |
| Order product name              | TrueForce LED HPL ND 60-42W E40 840 |
| EAN/UPC – product               | 8718699638283                       |
| Order code                      | 63828300                            |
| Numerator – quantity per pack   | 1                                   |
| Numerator – packs per outer box | 6                                   |
| Material no. (12NC)             | 929002006802                        |
| Net weight (piece)              | 0.500 kg                            |

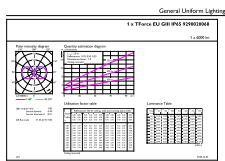
## Dimensional drawing



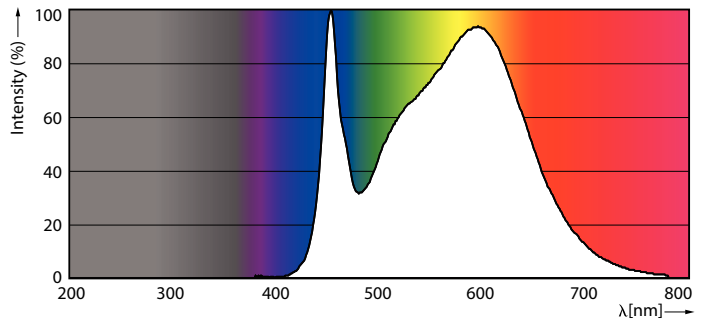
TrueForce LED HPL ND 60-42W E40 840 CL IP65

| Product                             | D     | C      |
|-------------------------------------|-------|--------|
| TrueForce LED HPL ND 60-42W E40 840 | 84 mm | 191 mm |

## Photometric data

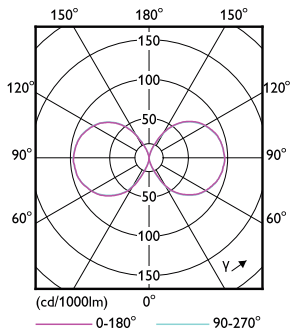


LEDTrueForce E40 42W 4000K



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## Photometric data



## Lifetime

