



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

TrueForce LED HPL ND 38-28W E27 830

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 | E27 [E27] | | 80 |
| EU RoHS compliant | Yes | LLMF at end of nominal lifetime (nom.) | 70 % |
| Nominal lifetime (nom.) | 50000 h | Operating and Electrical | |
| Switching cycle | 50000X | Input frequency | 50 to 60 Hz |
| Technical type | 28-125W | Power (Rated) (Nom) | 28 W |
| | | Lamp current (nom.) | 125 mA |
| | | Wattage equivalent | 125 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 |
| Light Technical | | | |
| Colour code | 830 [CCT of 3,000 K] | | |
| Beam Angle (Nom) | 360 ° | | |
| Luminous flux (nom.) | 3800 lm | | |
| Colour designation | White (WH) | | |
| Correlated colour temperature (nom.) | 3000 K | | |
| Luminous efficacy (rated) (nom.) | 135.00 lm/W | | |
| Colour consistency | <6 | | |

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

Temperature

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

Controls and Dimming

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

Mechanical and Housing

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

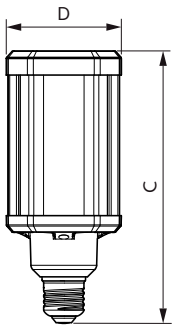
Approval and Application

| | |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A++ |
| Energy Consumption kWh/1000 h | 28 kWh |

Product Data

| | |
|---------------------------------|-------------------------------------|
| Full product code | 871869963818400 |
| Order product name | TrueForce LED HPL ND 38-28W E27 830 |
| EAN/UPC – product | 8718699638184 |
| Order code | 63818400 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 6 |
| Material no. (12NC) | 929002006302 |
| Net weight (piece) | 0.370 kg |

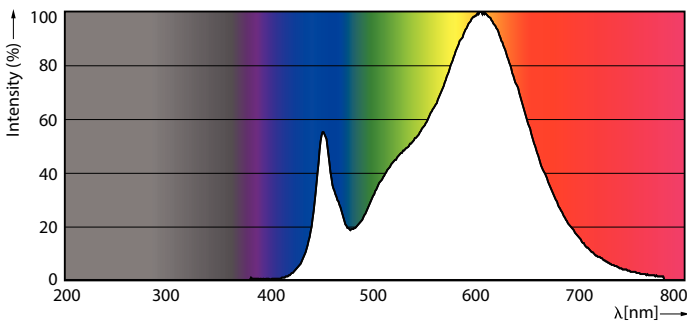
Dimensional drawing



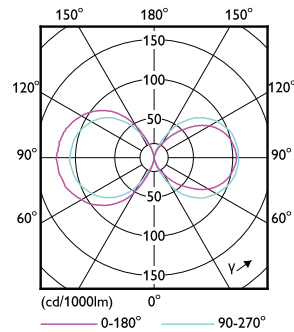
Tforce LED HPL ND 4klm E27 830 CL IP65

| Product | D | C |
|-------------------------------------|-------|--------|
| TrueForce LED HPL ND 38-28W E27 830 | 75 mm | 178 mm |

Photometric data



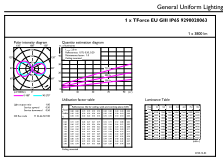
LEDTrueForce E27 28W 3000K



LEDTrueForce E27 360

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

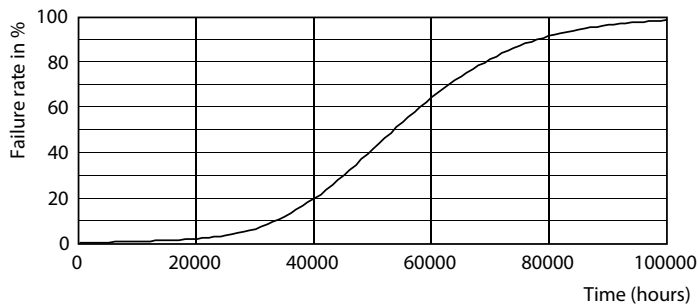
Photometric data



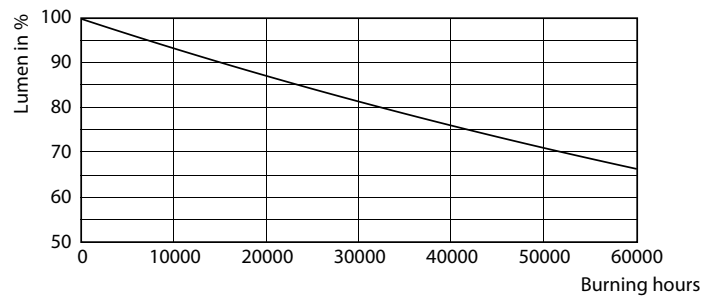
© 2020 Philips Lighting B.V. Page 11

LEDTrueForce E27 28W 3000K

Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

