



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 | |
|--------------------------------------|-----------------------|
| Cap base | E27 [E27] |
| EU RoHS compliant | Yes |
| Nominal lifetime (nom.) | 50000 h |
| Switching cycle | 50000X |
| Technical type | 28-125W |
| | |
| 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 |
| | |

| 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) | 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 |
| | |
| | |

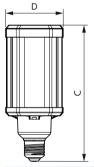
Datasheet, 2020, April 9 data subject to change

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| Temperature | |
|-------------------------------|--------|
| T-Case maximum (nom.) | 85 ℃ |
| | |
| 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 |
| | |

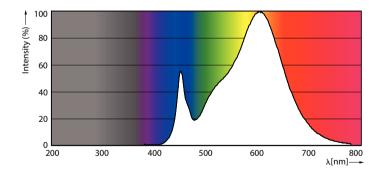
Dimensional drawing



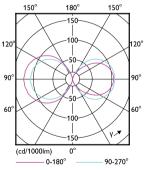
Tforce LED HPL ND 4klm E27 830 CL IP65

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

Photometric data



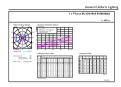




LEDTrueForce E27 360

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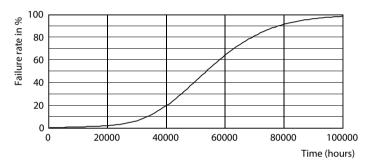
Photometric data

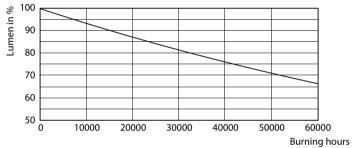


Calculus Phonomerics 4.5 Philips Lighting Rev. Fago: 171

LEDTrueForce E27 28W 3000K

Lifetime





LEDTrueForce Others 360

LEDTrueForce Others 360



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