



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

TrueForce LED HPL ND 57-42W E27 830

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

Product data

| General information | | Color Designation | |
|----------------------------|---------------------|---------------------------------------|-------------|
| Cap-Base | E27 [E27] | | White (WH) |
| EU RoHS compliant | Yes | Correlated Color Temperature (Nom) | 3000 K |
| Nominal Lifetime (Nom) | 50000 h | Luminous Efficacy (rated) (Nom) | 135.00 lm/W |
| Switching Cycle | 50000X | Color Consistency | <6 |
| Technical Type | 42-125W | Color Rendering Index (Nom) | 80 |
| Flux measurement reference | Sphere | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Light technical | | Operating and electrical | |
| Color Code | 830 [CCT of 3000K] | Input Frequency | 50 to 60 Hz |
| Beam Angle (Nom) | 360 ° | Power (Nom) | 42 W |
| Luminous Flux (Nom) | 5700 lm | Lamp Current (Nom) | 186 mA |
| | | Wattage Equivalent | 125 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) | 90 °C |
|----------------------|-------|

Controls and dimming

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

Mechanical and housing

| | |
|-------------|--------|
| Bulb Finish | Clear |
| Bulb Shape | Others |

Approval and application

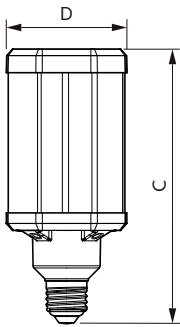
| | |
|-------------------------|---|
| Energy Efficiency Class | D |
|-------------------------|---|

| | |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 42 kWh |
| EPREL Registration Number | 403603 |

Product data

| | |
|---------------------------------|-------------------------------------|
| Full product code | 871869963822100 |
| Order product name | TrueForce LED HPL ND 57-42W E27 830 |
| EAN/UPC - Product | 8718699638221 |
| Order code | 929002006502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929002006502 |
| Net Weight (Piece) | 0.365 kg |

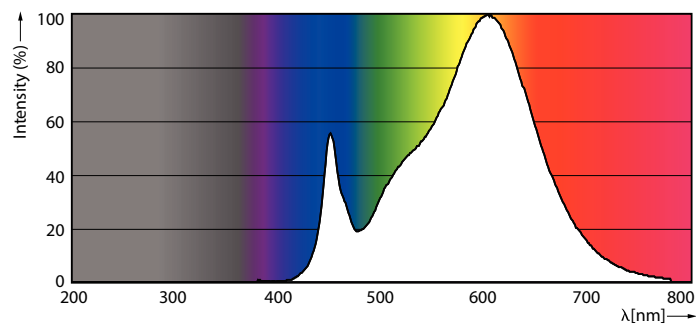
Dimensional drawing



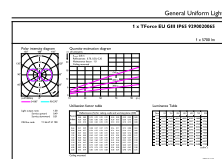
TrueForce LED HPL ND 57-42W E27 830

| Product | D | C |
|-------------------------------------|-------|--------|
| TrueForce LED HPL ND 57-42W E27 830 | 84 mm | 178 mm |

Photometric data



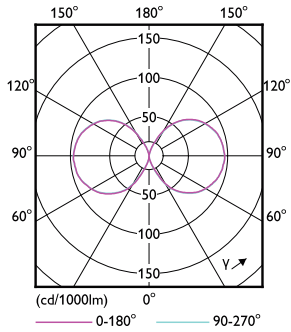
LEDTrueForce E27 42W



LEDTrueForce E27 42W 3000K

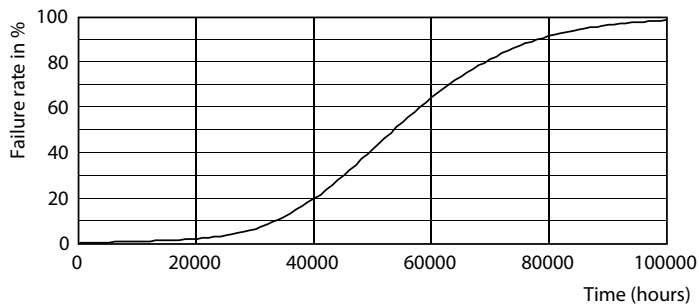
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Photometric data

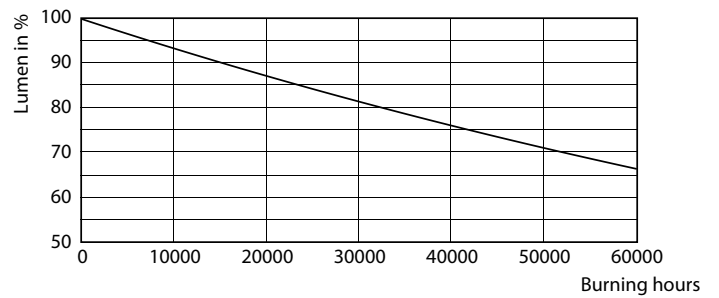


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Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

