



TrueForce - LED HID HPL

TForce 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) 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 rendering index (CRI) | | 80 |
|------------------------------------|--------------------|---------------------------------------|-------------|----|
| Cap-Base | E40 [E40] | LLMF At End Of Nominal Lifetime (Nom) | 70 % | |
| Nominal lifetime | 50,000 hour(s) | Operating and Electrical | | |
| Switching Cycle | 50,000 | Line Frequency | 50 to 60 Hz | |
| Lighting Technology | LED | Input Frequency | 50 to 60 Hz | |
| Flux measurement reference | Sphere | Power Consumption | 42 W | |
| Light Technical | | Lamp Current (Nom) | 186 mA | |
| Color Code | 840 [CCT of 4000K] | Wattage Equivalent | 125 W | |
| Beam Angle (Nom) | 360 degree(s) | Starting Time (Nom) | 0.45 s | |
| Luminous Flux | 6,000 lumen | Warm-up time to 60% light | 0.45 s | |
| Color Designation | Cool White (CW) | Power Factor (Fraction) | 0.95 | |
| Correlated Color Temperature (Nom) | 4000 K | Voltage (Nom) | 220-240 V | |
| Luminous Efficacy (rated) (Nom) | 142 lm/W | | | |
| Color Consistency | <6 | | | |

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Temperature

| | |
|---------------------------|-----------------|
| Ambient temperature range | -40 °C to 55 °C |
| T-Case Maximum (Nom) | 65 °C |

Controls and Dimming

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

Mechanical and Housing

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

Approval and Application

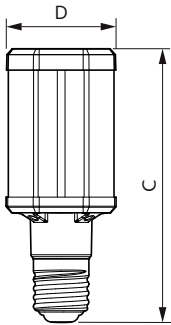
| | |
|-------------------------------|---------|
| Energy Consumption kWh/1000 h | 42 kWh |
| EPREL Registration Number | 403,606 |

| | |
|-------------------|-----|
| CE mark | Yes |
| EU RoHS compliant | Yes |

Product Data

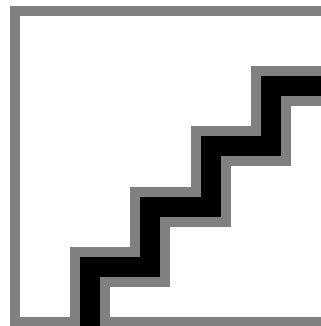
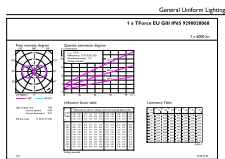
| | |
|---------------------------------|----------------------------------|
| Full product code | 871869963828300 |
| Order product name | TForce LED HPL ND 60-42W E40 840 |
| Order code | 929002006802 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material number (12NC) | 929002006802 |
| Full product name | TForce LED HPL ND 60-42W E40 840 |
| EAN/UPC - Case | 8718699638290 |

Dimensional drawing



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

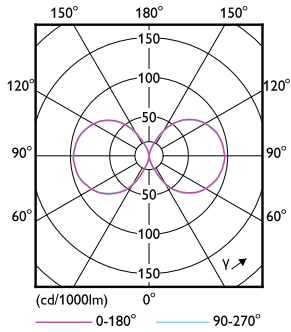
Photometric data



Spectral Power Distribution Colour - TForce LED HPL ND 60-42W E40 840

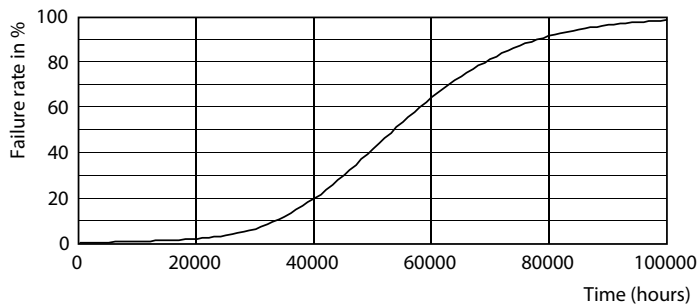
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Photometric data

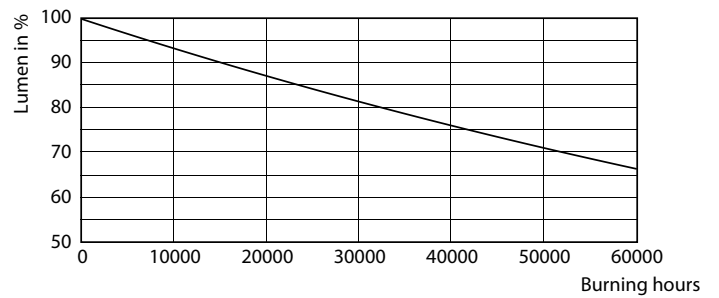


Light Distribution Diagram - TForce LED HPL ND 60-42W E40 840

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 60-42W E40 840



Lumen Maintenance Diagram - TForce LED HPL ND 60-42W E40 840

