



Corepro - LED HID HPL



TForce Core LED HPL 36W E40 827 FR

Philips TrueForce Core LED HPL lamps are an easy, LED solution with a short pay-back to replace High Intensity Discharge (HID) lamps. This new generation of LED Core Post-Top lamps brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while delivering instant saving for a low initial investment. Furthermore, TrueForce CorePro LED HPL lamps are designed to have the same lamp size and light distribution as their HID alternatives. And thanks to our high-power LED filament technology, you'll never know the difference. Plus, their unique IP65 design means that TrueForce Core LED HPL Post-Top lamps can be used for outdoor, as well as indoor applications.

Warnings and Safety

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

Product data

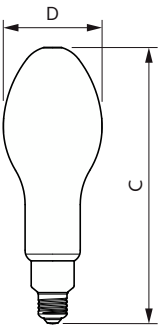
| General Information | | Color Designation | |
|----------------------------|--------------------|--|-------------|
| Cap-Base | E40 [E40] | Warm White (WW) | |
| Nominal lifetime | 25,000 hour(s) | Correlated Color Temperature (Nom) | 2700 K |
| Switching Cycle | 50,000 | Luminous Efficacy (rated) (Nom) | 147 lm/W |
| Lighting Technology | LED | Color Consistency | <6 |
| Flux measurement reference | Sphere | Color rendering index (CRI) | 80 |
| CE mark | Yes | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| EU RoHS compliant | Yes | Flickering value (PstLM) | 1 |
| | | Stroboscopic effect value (SVM) | 2 |
| | | Photobiological safety according to EN 62471 | RG1 |
| Light Technical | | Operating and Electrical | |
| Color Code | 827 [CCT of 2700K] | Input Frequency | 50 to 60 Hz |
| Beam Angle (Nom) | 330 degree(s) | Power Consumption | 36 W |
| Luminous Flux | 5,300 lumen | | |

Corepro - LED HID HPL

| | |
|---------------------------|----------------|
| Lamp Current (Nom) | 149 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| T-Case Maximum (Nom) | 59 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Shape | ED90 [ED 90mm] |

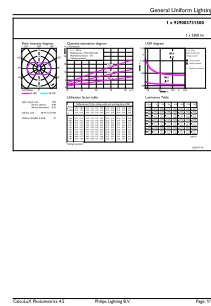
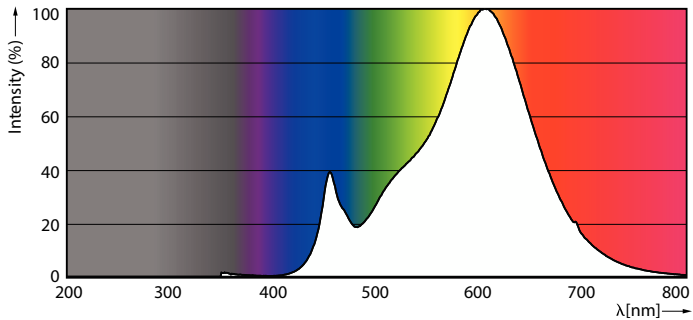
| | |
|---------------------------------|------------------------------------|
| Approval and Application | |
| Energy Efficiency Class | D |
| Energy Consumption kWh/1000 h | 36 kWh |
| EPREL Registration Number | 1617390 |
| Product Data | |
| Full product code | 872016926785500 |
| Order product name | TForce Core LED HPL 36W E40 827 FR |
| Order code | 929003731502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929003731502 |
| Full product name | TForce Core LED HPL 36W E40 827 FR |
| EAN/UPC - Case | 8720169267862 |
| EAN/UPC - Product/Case | 8720169267855 |

Dimensional drawing



| Product | D | C |
|------------------------------------|---------|--------|
| TForce Core LED HPL 36W E40 827 FR | 91.5 mm | 234 mm |

Photometric data

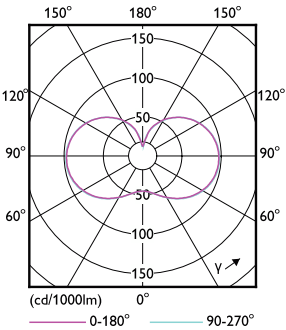


Spectral Power Distribution Colour - TForce Core LED HPL 36W E40 827 FR

General uniform lighting - TForce Core LED HPL 36W E40 827 FR

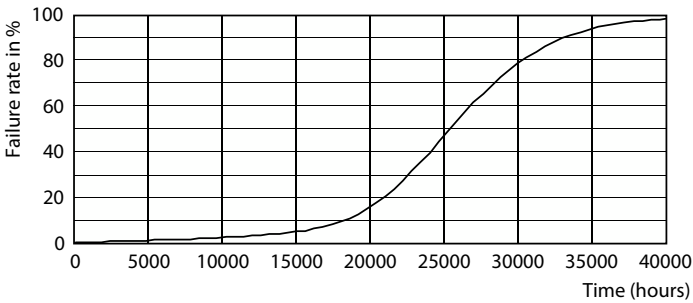
Corepro - LED HID HPL

Photometric data

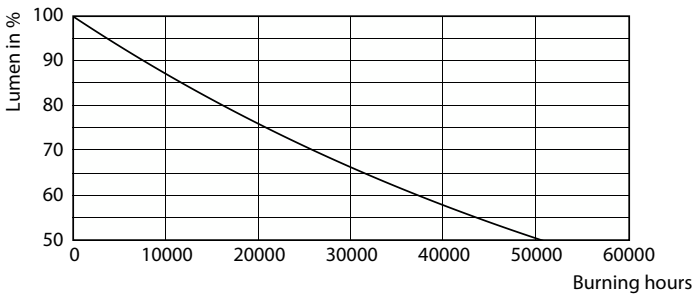


Light Distribution Diagram - TForce Core LED HPL 36W E40 827 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 36W E40 827 FR



Lumen Maintenance Diagram - TForce Core LED HPL 36W E40 827 FR

