



Corepro - LED HID HPL

TForce Core LED HPL 36W E40 840 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 | |
|----------------------------|----------------|
| Cap-Base | E40 [E40] |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 15,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |

| Light Technical | |
|------------------------------------|--------------------|
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 300 degree(s) |
| Luminous Flux | 6,000 lumen |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |

| | |
|---------------------------------------|----------|
| Luminous Efficacy (rated) (Nom) | 166 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

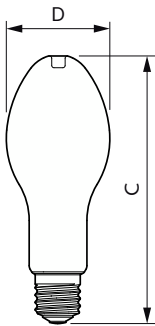
| Operating and Electrical | |
|---------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 36 W |
| Lamp Current (Nom) | 165 mA |
| Wattage Equivalent | 200 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |

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| | |
|---------------------------------|-----------------|
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| Ambient temperature range | -20 °C 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 Consumption kWh/1000 h | 36 kWh |

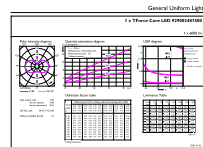
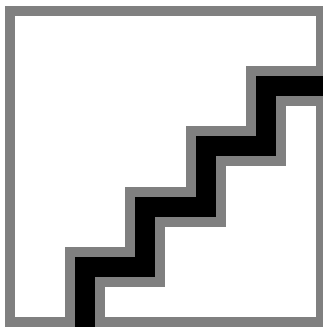
| | |
|---------------------------------|------------------------------------|
| EPREL Registration Number | 403,657 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Product Data | |
| Full product code | 871951429933700 |
| Order product name | TForce Core LED HPL 36W E40 840 FR |
| Order code | 929002481502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material number (12NC) | 929002481502 |
| Full product name | TForce Core LED HPL 36W E40 840 FR |
| EAN/UPC - Case | 8719514299344 |

Dimensional drawing



| Product | D | C |
|------------------------------------|-------|--------|
| TForce Core LED HPL 36W E40 840 FR | 90 mm | 230 mm |

Photometric data

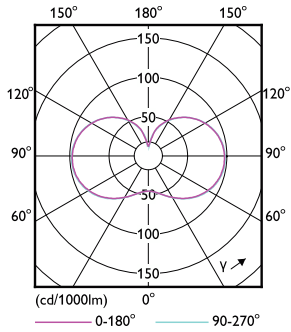


General Information | Photometric Data | Page 11

Spectral Power Distribution Colour - TForce Core LED HPL 36W E40 840 FR

Corepro - LED HID HPL

Photometric data



Light Distribution Diagram - TForce Core LED HPL 36W E40 840 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 36W E40 840 FR



Lumen Maintenance Diagram - TForce Core LED HPL 36W E40 840 FR

