



# **Trueforce CorePro LED HPL**

# TForce Core LED HPL 36W E40 840 FR

The new Philips Trueforce Core LED HPL lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps.; This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant saving with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our High-Power LED filament technology.; Plus, its unique IP65 design means it can be used for outdoor applications as well as indoors.

#### Product data

| General Information                |                     |
|------------------------------------|---------------------|
| Cap-Base                           | E40 [ E40]          |
| EU RoHS compliant                  | Yes                 |
| Nominal Lifetime (Nom)             | 25000 h             |
| Switching Cycle                    | 15000X              |
| Technical Type                     | 36-125W             |
|                                    |                     |
| Light Technical                    |                     |
| Color Code                         | 840 [ CCT of 4000K] |
| Beam Angle (Nom)                   | 300 °               |
| Luminous Flux (Nom)                | 6000 lm             |
| Color Designation                  | Cool White (CW)     |
| Correlated Color Temperature (Nom) | 4000 K              |
| Luminous Efficacy (rated) (Nom)    | 166.00 lm/W         |
| Color 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 (Nom)                           | 36 W        |
| Lamp Current (Nom)                    | 165 mA      |
| Wattage Equivalent                    | 125 W       |
| Starting Time (Nom)                   | 0.5 s       |
| Warm Up Time to 60% Light (Nom)       | 0.5 s       |
| Power Factor (Nom)                    | 0.9         |
| Voltage (Nom)                         | 220-240 V   |
|                                       |             |
| Temperature                           |             |
| T-Case Maximum (Nom)                  | 60 °C       |
|                                       |             |

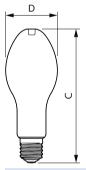
Datasheet, 2020, December 24 data subject to change

# **Trueforce CorePro LED HPL**

| Controls and Dimming          |                 |  |
|-------------------------------|-----------------|--|
| Dimmable                      | No              |  |
|                               |                 |  |
| Mechanical and Housing        |                 |  |
| Bulb Finish                   | Frosted         |  |
|                               |                 |  |
| Approval and Application      |                 |  |
| Energy Efficiency Label (EEL) | A++             |  |
| Energy Consumption kWh/1000 h | 36 kWh          |  |
|                               |                 |  |
| Product Data                  |                 |  |
| Full product code             | 871951429933700 |  |

| Order product name              | TForce Core LED HPL 36W E40 840 FR |
|---------------------------------|------------------------------------|
| EAN/UPC - Product               | 8719514299337                      |
| Order code                      | 929002481502                       |
| Numerator - Quantity Per Pack   | 1                                  |
| Numerator - Packs per outer box | 6                                  |
| Material Nr. (12NC)             | 929002481502                       |
| Net Weight (Piece)              | 0.190 kg                           |
|                                 |                                    |

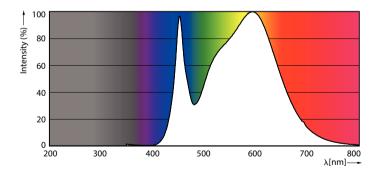
# Dimensional drawing



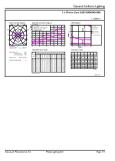
Tforce 37W 6000lm 4000K E40 ND

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

### Photometric data



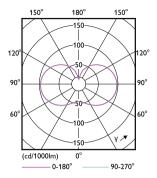




LEDTForce 36W ED90 E40 840

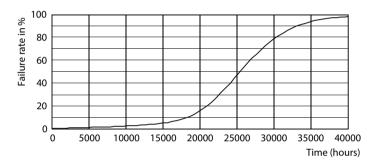
# **Trueforce CorePro LED HPL**

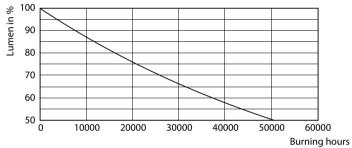
### Photometric data



LEDTForce 36W ED90 E27

### Lifetime





LEDspots LED 25K

LEDspots LMP 25K



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.