



# La nuova e perfetta soluzione a LED per sostituire le lampade a mercurio

## Trueforce CorePro LED HPL

Le nuove lampade Philips Trueforce Core LED HPL offrono una soluzione a LED pratica con un breve periodo di ammortamento, per la sostituzione delle lampade a scarica ad alta intensità (HID). Questi prodotti di nuova generazione offrono l'efficienza energetica e lunga durata sostituendo le vecchie lampade a scarica a tecnologia basata su mercurio, offrendo risparmi immediati con un investimento iniziale ridotto. Inoltre, sono stati progettati per assicurare le stesse dimensioni della lampada e la stessa distribuzione della luce delle altre lampade HID; Il tutto grazie alla nostra tecnologia con filamento LED ad alta potenza. In più, il fattore di protezione IP65 rende questi prodotti adatti ad applicazioni per esterni e interni.

### Vantaggi

- Aspetto simile a quello delle lampade HID SON/HPL convenzionali
- Soluzione perfetta per la sostituzione di sorgenti tradizionali a scarica. Installazione direttamente a tensione di rete
- Fattore di protezione IP65 adatto per applicazioni per interni ed esterni

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## Caratteristiche

- Lampade ad alta efficienza energetica
- Elevata durata: 25.000 ore
- Protezione contro le sovratensioni 2KV
- Gradevole luce bianca con CRI 80
- Luce omnidirezionale attorno alla lampada, finitura in vetro smerigliato, distribuzione uniforme della luce
- Ulteriore risparmio energetico grazie al collegamento diretto alla rete elettrica
- Prodotto IP65 (prese con grado di protezione IP necessarie per applicazioni per esterni)
- Dimensioni e distribuzione della luce giuste per il retrofit

## Applicazione

- Strade e vie
- Parcheggi al coperto
- Parchi e piazze

## Warnings and safety

- L'installazione dev'essere eseguita da un elettricista o da un installatore qualificato. Per istruzioni, consulta la guida all'installazione.

## Versions



LEDTForce ED90 E27

## Disegno tecnico

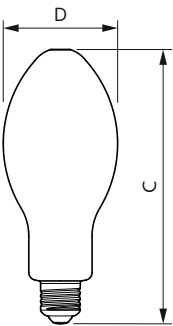
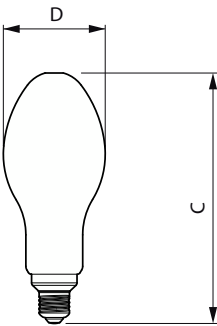
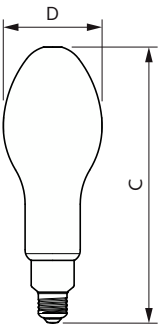


| Product                            | D       | C      |
|------------------------------------|---------|--------|
| TForce Core LED HPL 36W E40 827 FR | 91,5 mm | 234 mm |
| TForce Core LED HPL 36W E40 830 FR | 91,5 mm | 234 mm |
| TForce Core LED HPL 36W E40 840 FR | 91,5 mm | 234 mm |



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Disegno tecnico



| Product                            | D       | C      |
|------------------------------------|---------|--------|
| TForce Core LED HPL 26W E27 827 FR | 91,5 mm | 248 mm |
| TForce Core LED HPL 36W E27 827 FR | 91,5 mm | 249 mm |
| TForce Core LED HPL 36W E27 830 FR | 91,5 mm | 249 mm |
| TForce Core LED HPL 36W E27 840 FR | 91,5 mm | 249 mm |

| Product                              | D       | C      |
|--------------------------------------|---------|--------|
| TForce Core LED HPL 24.5W E27 830 FR | 91,5 mm | 218 mm |
| TForce Core LED HPL 24.5W E27 840 FR | 91,5 mm | 218 mm |

| Product                            | D     | C      |
|------------------------------------|-------|--------|
| TForce Core LED HPL 13W E27 827 FR | 76 mm | 183 mm |
| TForce Core LED HPL 13W E27 830 FR | 76 mm | 183 mm |
| TForce Core LED HPL 13W E27 840 FR | 76 mm | 183 mm |
| TForce Core LED HPL 18W E27 827 FR | 76 mm | 183 mm |
| TForce Core LED HPL 18W E27 830 FR | 76 mm | 183 mm |
| TForce Core LED HPL 18W E27 840 FR | 76 mm | 183 mm |

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| Informazioni generali                  |                 |
|----------------------------------------|-----------------|
| Ciclo di commutazione on/off           | 50.000          |
| Durata nominale                        | 25.000 ore      |
| Dati tecnici di illuminazione          |                 |
| Indice di resa cromatica (CRI)         | 80              |
| LLMF a fine durata vita nominale (Nom) | 70 %            |
| Funzionamento e parte elettrica        |                 |
| Frequenza di ingresso                  | Da 50 a 60 Hz   |
| Tempo di avvio (Nom)                   | 0,5 s           |
| Controlli e dimmerazione               |                 |
| Dimmerabile                            | No              |
| Meccanica e corpo                      |                 |
| Finitura lampadina                     | Smerigliata     |
| Approvazione e applicazione            |                 |
| Intervallo temperatura ambiente        | Da -30 a +45 °C |

Informazioni generali

| Order Code | Full Product Name                    | Attacco |
|------------|--------------------------------------|---------|
| 75025100   | TForce Core LED HPL 13W E27 830 FR   | E27     |
| 75027500   | TForce Core LED HPL 13W E27 840 FR   | E27     |
| 75029900   | TForce Core LED HPL 18W E27 830 FR   | E27     |
| 75031200   | TForce Core LED HPL 18W E27 840 FR   | E27     |
| 26777000   | TForce Core LED HPL 13W E27 827 FR   | E27     |
| 26779400   | TForce Core LED HPL 18W E27 827 FR   | E27     |
| 29931300   | TForce Core LED HPL 36W E40 830 FR   | E40     |
| 29933700   | TForce Core LED HPL 36W E40 840 FR   | E40     |
| 26785500   | TForce Core LED HPL 36W E40 827 FR   | E40     |
| 29927600   | TForce Core LED HPL 36W E27 830 FR   | E27     |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | E27     |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | E27     |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | E27     |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | E27     |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | E27     |

Dati tecnici di illuminazione

| Order Code | Full Product Name                  | Angolo del fascio (Nom) | Temperatura di colore correlata (Nom) | Codice colore | Flusso luminoso |
|------------|------------------------------------|-------------------------|---------------------------------------|---------------|-----------------|
| 75025100   | TForce Core LED HPL 13W E27 830 FR | 300 °                   | 3000 K                                | 830           | 2.000 lm        |
| 75027500   | TForce Core LED HPL 13W E27 840 FR | 300 °                   | 4000 K                                | 840           | 2.000 lm        |
| 75029900   | TForce Core LED HPL 18W E27 830 FR | 300 °                   | 3000 K                                | 830           | 3.000 lm        |
| 75031200   | TForce Core LED HPL 18W E27 840 FR | 300 °                   | 4000 K                                | 840           | 3.000 lm        |
| 26777000   | TForce Core LED HPL 13W E27 827 FR | 330 °                   | 2700 K                                | 827           | 1.800 lm        |
| 26779400   | TForce Core LED HPL 18W E27 827 FR | 330 °                   | 2700 K                                | 827           | 2.600 lm        |
| 29931300   | TForce Core LED HPL 36W E40 830 FR | 300 °                   | 3000 K                                | 830           | 5.500 lm        |
| 29933700   | TForce Core LED HPL 36W E40 840 FR | 300 °                   | 4000 K                                | 840           | 6.000 lm        |

| Order Code | Full Product Name                    | Angolo del fascio (Nom) | Temperatura di colore correlata (Nom) | Codice colore | Flusso luminoso |
|------------|--------------------------------------|-------------------------|---------------------------------------|---------------|-----------------|
| 26785500   | TForce Core LED HPL 36W E40 827 FR   | 330 °                   | 2700 K                                | 827           | 5.300 lm        |
| 29927600   | TForce Core LED HPL 36W E27 830 FR   | 300 °                   | 3000 K                                | 830           | 5.500 lm        |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | 300 °                   | 4000 K                                | 840           | 6.000 lm        |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | 330 °                   | 2700 K                                | 827           | 3.600 lm        |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | 330 °                   | 2700 K                                | 827           | 5.300 lm        |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | 300 °                   | 3000 K                                | 830           | 4.000 lm        |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | 300 °                   | 4000 K                                | 840           | 4.000 lm        |

Funzionamento e parte elettrica

Trueforce CorePro LED HPL

| Order Code | Full Product Name                  | Consumo            |            |
|------------|------------------------------------|--------------------|------------|
|            |                                    | Frequenza di linea | energetico |
| 75025100   | TForce Core LED HPL 13W E27 830 FR | 50 to 60 Hz        | 13 W       |
| 75027500   | TForce Core LED HPL 13W E27 840 FR | 50 to 60 Hz        | 13 W       |
| 75029900   | TForce Core LED HPL 18W E27 830 FR | 50 to 60 Hz        | 18 W       |
| 75031200   | TForce Core LED HPL 18W E27 840 FR | 50 to 60 Hz        | 18 W       |
| 26777000   | TForce Core LED HPL 13W E27 827 FR | -                  | 13 W       |
| 26779400   | TForce Core LED HPL 18W E27 827 FR | -                  | 18 W       |
| 29931300   | TForce Core LED HPL 36W E40 830 FR | 50 to 60 Hz        | 36 W       |
| 29933700   | TForce Core LED HPL 36W E40 840 FR | 50 to 60 Hz        | 36 W       |

Temperatura

| Order Code | Full Product Name                  | Temp. massima involucro (Nom) |
|------------|------------------------------------|-------------------------------|
| 75025100   | TForce Core LED HPL 13W E27 830 FR | 38,2 °C                       |
| 75027500   | TForce Core LED HPL 13W E27 840 FR | 38,2 °C                       |
| 75029900   | TForce Core LED HPL 18W E27 830 FR | 43,2 °C                       |
| 75031200   | TForce Core LED HPL 18W E27 840 FR | 43,2 °C                       |
| 26777000   | TForce Core LED HPL 13W E27 827 FR | 38,2 °C                       |
| 26779400   | TForce Core LED HPL 18W E27 827 FR | 43,2 °C                       |
| 29931300   | TForce Core LED HPL 36W E40 830 FR | 43,3 °C                       |
| 29933700   | TForce Core LED HPL 36W E40 840 FR | 43,3 °C                       |

Meccanica e corpo

| Order Code | Full Product Name                  | Forma lampadina |
|------------|------------------------------------|-----------------|
| 75025100   | TForce Core LED HPL 13W E27 830 FR | ED75            |
| 75027500   | TForce Core LED HPL 13W E27 840 FR | ED75            |
| 75029900   | TForce Core LED HPL 18W E27 830 FR | ED75            |
| 75031200   | TForce Core LED HPL 18W E27 840 FR | ED75            |
| 26777000   | TForce Core LED HPL 13W E27 827 FR | ED75            |
| 26779400   | TForce Core LED HPL 18W E27 827 FR | ED75            |
| 29931300   | TForce Core LED HPL 36W E40 830 FR | ED90            |
| 29933700   | TForce Core LED HPL 36W E40 840 FR | ED90            |

Approvazione e applicazione

| Order Code | Full Product Name                  | Consumo energetico kWh/1000 |
|------------|------------------------------------|-----------------------------|
|            |                                    | h                           |
| 75025100   | TForce Core LED HPL 13W E27 830 FR | 13 kWh                      |
| 75027500   | TForce Core LED HPL 13W E27 840 FR | 13 kWh                      |
| 75029900   | TForce Core LED HPL 18W E27 830 FR | 18 kWh                      |
| 75031200   | TForce Core LED HPL 18W E27 840 FR | 18 kWh                      |
| 26777000   | TForce Core LED HPL 13W E27 827 FR | 13 kWh                      |

| Order Code | Full Product Name                    | Consumo            |            |
|------------|--------------------------------------|--------------------|------------|
|            |                                      | Frequenza di linea | energetico |
| 26785500   | TForce Core LED HPL 36W E40 827 FR   | -                  | 36 W       |
| 29927600   | TForce Core LED HPL 36W E27 830 FR   | 50 to 60 Hz        | 36 W       |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | 50 to 60 Hz        | 36 W       |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | -                  | 26 W       |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | -                  | 36 W       |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | -                  | 24,5 W     |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | -                  | 24,5 W     |

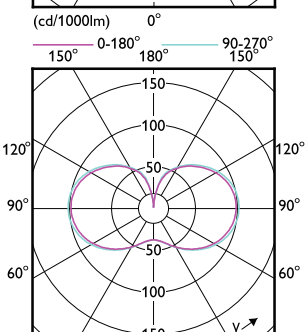
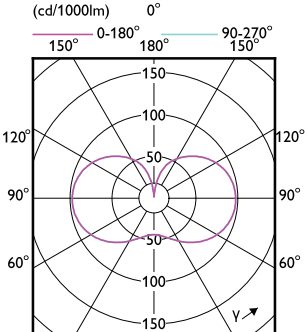
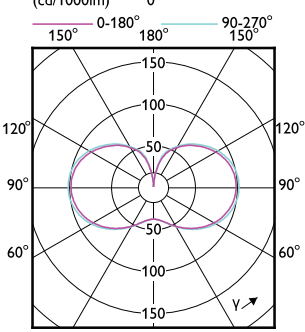
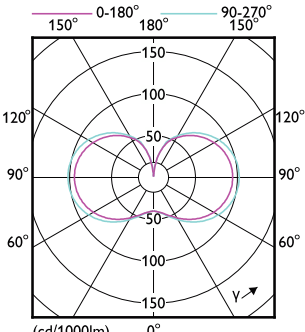
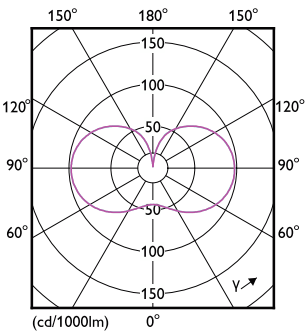
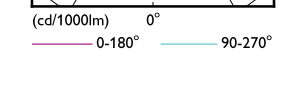
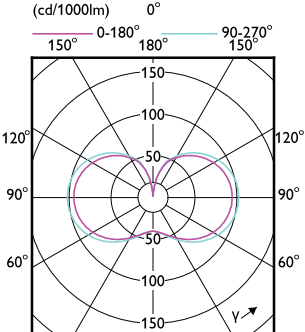
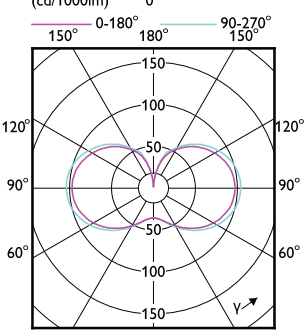
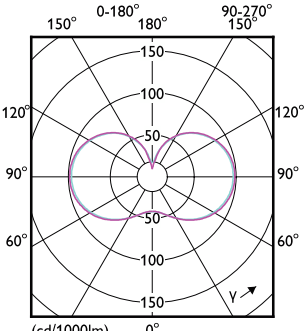
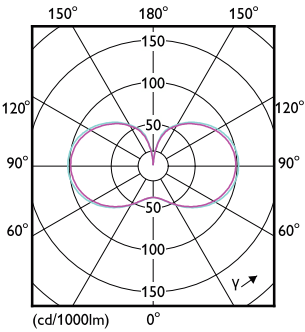
| Order Code | Full Product Name                    | Temp. massima involucro (Nom) |
|------------|--------------------------------------|-------------------------------|
| 26785500   | TForce Core LED HPL 36W E40 827 FR   | 48,7 °C                       |
| 29927600   | TForce Core LED HPL 36W E27 830 FR   | 43,3 °C                       |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | 43,3 °C                       |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | 54 °C                         |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | 48,7 °C                       |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | 44,6 °C                       |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | 44,6 °C                       |

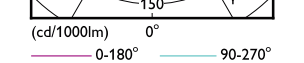
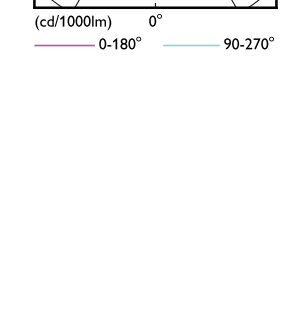
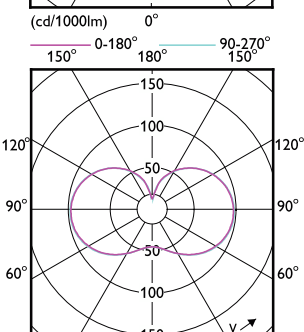
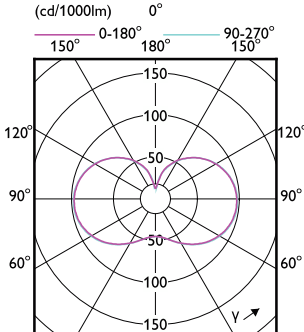
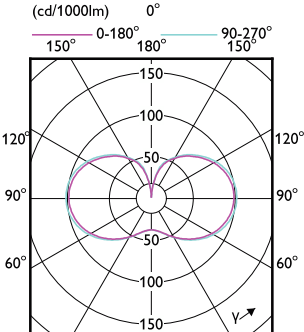
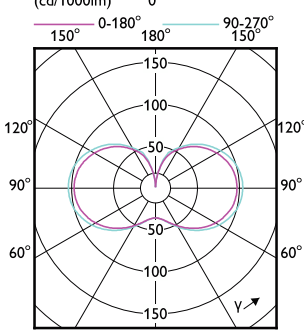
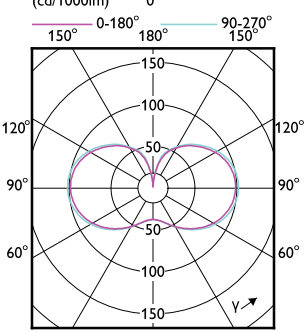
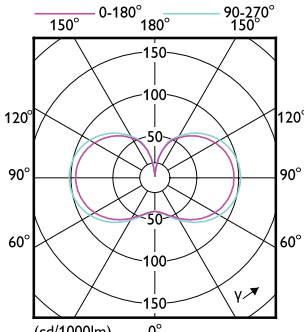
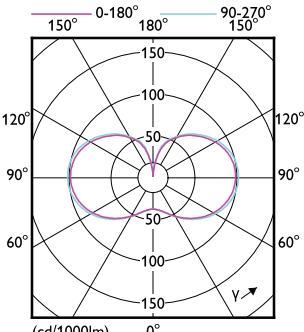
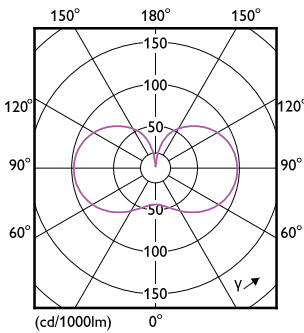
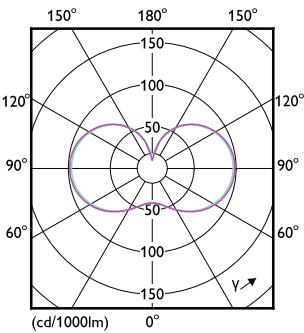
| Order Code | Full Product Name                    | Forma lampadina |
|------------|--------------------------------------|-----------------|
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| 29927600   | TForce Core LED HPL 36W E27 830 FR   | ED90            |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | ED90            |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | ED90            |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | ED90            |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | ED90            |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | ED90            |

| Order Code | Full Product Name                  | Consumo energetico kWh/1000 |
|------------|------------------------------------|-----------------------------|
|            |                                    | h                           |
| 26779400   | TForce Core LED HPL 18W E27 827 FR | 18 kWh                      |
| 29931300   | TForce Core LED HPL 36W E40 830 FR | 36 kWh                      |
| 29933700   | TForce Core LED HPL 36W E40 840 FR | 36 kWh                      |
| 26785500   | TForce Core LED HPL 36W E40 827 FR | 36 kWh                      |
| 29927600   | TForce Core LED HPL 36W E27 830 FR | 36 kWh                      |

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| Order Code | Full Product Name                    | Consumo energetico kWh/1000 |
|------------|--------------------------------------|-----------------------------|
|            |                                      | h                           |
| 29929000   | TForce Core LED HPL 36W E27 840 FR   | 36 kWh                      |
| 26781700   | TForce Core LED HPL 26W E27 827 FR   | 26 kWh                      |
| 26783100   | TForce Core LED HPL 36W E27 827 FR   | 36 kWh                      |
| 33633900   | TForce Core LED HPL 24.5W E27 830 FR | 25 kWh                      |
| 33635300   | TForce Core LED HPL 24.5W E27 840 FR | 25 kWh                      |





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