



# TrueForce LED Public (Urban/Road – HPL/SON)

## TrueForce LED HPL ND 31-25W E27 730 CL

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

### Product data

| General Information                  |                     | Color Consistency                     |             |
|--------------------------------------|---------------------|---------------------------------------|-------------|
| Cap-Base                             | E27 [ E27]          | Color Consistency                     | <6          |
| RoHS mark                            | RoHS mark           | Colour Rendering Index horiz (Nom)    | 70          |
| Nominal Lifetime (Nom)               | 50000 h             | LLMF At End Of Nominal Lifetime (Nom) | 70 %        |
| Switching Cycle                      | 50000X              | <b>Operating and Electrical</b>       |             |
| Technical Type                       | 25-80W              | Input Frequency                       | 50 to 60 Hz |
| <b>Light Technical</b>               |                     | Power (Rated) (Nom)                   | 25 W        |
| Colour Code                          | 730 [ CCT of 3000K] | Lamp Current (Nom)                    | 135 mA      |
| Beam Angle (Nom)                     | 360 °               | Wattage Equivalent                    | 80 W        |
| Luminous Flux (Nom)                  | 3100 lm             | Starting Time (Nom)                   | 0.5 s       |
| Luminous Flux (Rated) (Nom)          | 3100 lm             | Warm Up Time to 60% Light (Nom)       | 0.5 s       |
| Colour Designation                   | White (WH)          | Power Factor (Nom)                    | 0.91        |
| Colour Temperature, horizontal (Nom) | 3000 K              | Voltage (Nom)                         | 220-240 V   |
| Luminous Efficacy (rated) (Nom)      | 124.00 lm/W         |                                       |             |

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## Temperature

|                      |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 70 °C |
|----------------------|-------|

## Controls and Dimming

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

## Mechanical and Housing

|             |       |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

## Approval and Application

|                         |   |
|-------------------------|---|
| Ingress protection code | IP65 [ Dust penetration-protected, jet-proof] |
|-------------------------|---|

|                         |     |
|-------------------------|-----|
| Energy Efficiency Label | A++ |
|-------------------------|-----|

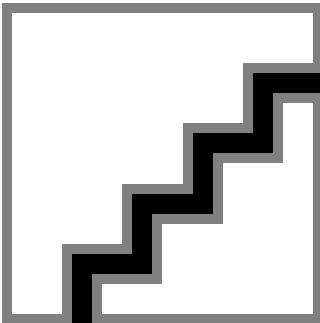
|                               |        |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 25 kWh |
|-------------------------------|--------|

## Product Data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871869681107800                        |
| Order product name              | TrueForce LED HPL ND 31-25W E27 730 CL |
| EAN/UPC - Product               | 8718696811078                          |
| Order code                      | 81107800                               |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 6                                      |
| Material Nr. (12NC)             | 929001898002                           |
| Net Weight (Piece)              | 0.365 kg                               |



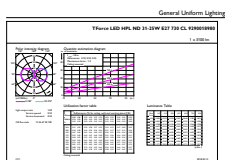
## Dimensional drawing



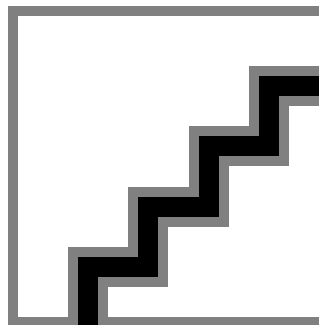
TForce LED HPL ND 3.5klm E27 727 CL IP65

| Product                                | D     | C      |
|--|-------|--------|
| TrueForce LED HPL ND 31-25W E27 730 CL | 84 mm | 178 mm |

## Photometric data



General Uniform Lightness  
 TrueForce LED HPL ND 31-25W E27 730 CL (3.5klm)  
 1.7.2019  
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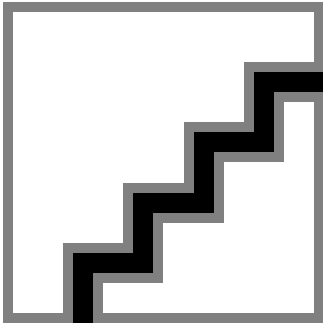


31-25W E27 Others Clear 730 HPL ND

31-25W E27 Others Clear 730 HPL ND

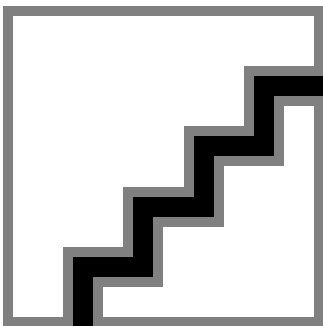
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### Photometric data

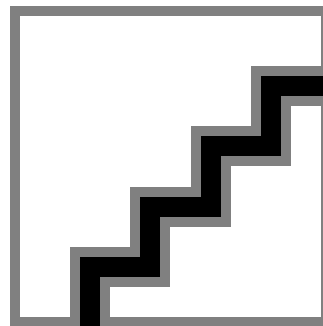


46-33W E27 Others Clear 730 HPL ND

### Lifetime



46-33W E27 Others Clear 730 HPL ND



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