



# TrueForce LED Industrial and Retail (Highbay – MH)

## TrueForce LED HPI UN 140W E40 840 WB

Philips LED Highbay lamps give you a quick and easy payback solution to replace HID alternatives in high-bay applications. TrueForce LED solutions give you the LED benefits of energy-efficiency and a long lifetime for a low initial investment. The design enables the direct retrofit of HID lamps with TrueForce LED lamps without changing the fixtures or gear. In fact, the lamp is compatible with both 250W and 400W gears to maximize the feasibility of such retrofits. Ignitor smart logic eliminates ignitor failure and continued ignition, which may generate overheating and EMI risks. Multiple beam angle options and a high color rendering index enhance the lighting distribution in medium and high-bay applications, while creating a comfortable, safe and highly-productive environment.

### Warnings and Safety

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

### Product data

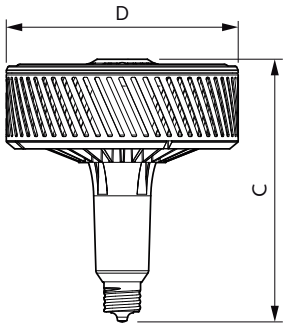
| General Information        |            | Light Technical                    |                     |
|----------------------------|------------|------------------------------------|---------------------|
| Cap-Base                   | E40 [ E40] | Color Code                         | 840 [ CCT of 4000K] |
| EU RoHS compliant          | Yes        | Beam Angle (Nom)                   | 120 °               |
| Nominal Lifetime (Nom)     | 50000 h    | Luminous Flux (Nom)                | 20000 lm            |
| Switching Cycle            | 50000X     | Color Designation                  | Cool White (CW)     |
| Technical Type             | 140-400W   | Correlated Color Temperature (Nom) | 4000 K              |
| Flux measurement reference | Wide Cone  | Luminous Efficacy (rated) (Nom)    | 142.00 lm/W         |
|                            |            | Color Consistency                  | <6                  |
|                            |            | Color Rendering Index (Nom)        | 80                  |

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|                                       |           |
|---------------------------------------|-----------|
| LLMF At End Of Nominal Lifetime (Nom) | 70 %      |
| <b>Operating and Electrical</b>       |           |
| Input Frequency                       | 50 Hz     |
| Power (Nom)                           | 140 W     |
| Lamp Current (Nom)                    | 700 mA    |
| Wattage Equivalent                    | 400 W     |
| Starting Time (Nom)                   | 0.5 s     |
| Warm Up Time to 60% Light (Nom)       | 1 s       |
| Power Factor (Nom)                    | 0.9       |
| Voltage (Nom)                         | 220-240 V |
| <b>Temperature</b>                    |           |
| T-Case Maximum (Nom)                  | 84 °C     |
| <b>Controls and Dimming</b>           |           |
| Dimmable                              | No        |
| <b>Mechanical and Housing</b>         |           |
| Bulb Shape                            | Others    |

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Approval and Application</b> |                                      |
| Energy Efficiency Class         | D                                    |
| Energy Consumption kWh/1000 h   | 140 kWh                              |
| EPREL Registration Number       | 403627                               |
| <b>Product Data</b>             |                                      |
| Full product code               | 871869975373300                      |
| Order product name              | TrueForce LED HPI UN 140W E40 840 WB |
| EAN/UPC - Product               | 8718699753733                        |
| Order code                      | 929002351002                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 3                                    |
| Material Nr. (12NC)             | 929002351002                         |
| Net Weight (Piece)              | 1.250 kg                             |

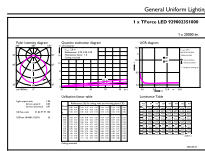
## Dimensional drawing



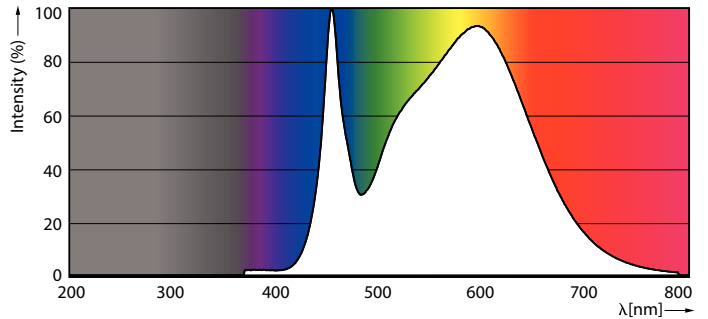
TForce HB UNI ND 200-143W E40 840 WB

| Product                              | D      | C      |
|--------------------------------------|--------|--------|
| TrueForce LED HPI UN 140W E40 840 WB | 250 mm | 290 mm |

## Photometric data



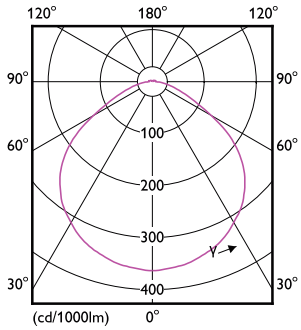
LEDTForce HPI 140W Others E40 840 120D



LEDTForce HPI 140W Others E40 840 1

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## Photometric data



LEDTForce HPI 140W Others E40 120D

## Lifetime



50K



50K

