



# A simple LED solution for direct HID lamp replacement with instant saving and low initial cost

## TrueForce LED Industrial and Retail (Highbay – MH)

Philips TrueForce LED Industrial and Retail (Highbay – MH) lamps give you a quick-and-easy payback solution to replace HID lamps in Highbay applications. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus the initial investment is low. The lamp design enables the direct retrofitting of HID lamps with TrueForce LED lamps without changing the fixtures or gear. The lamp is compatible with both 250 W and 400 W gears, maximising 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 high colour rendering indexes enhance the lighting distribution while creating a comfortable, safe and highly productive environment.

### Benefits

- Cost saving with quick payback
- Easy adoption
- Low initial investment

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### Features

- High energy efficiency with directional light
- Long lifetime 50,000 hrs
- Direct lamp replacement solution without changing fixtures or equipment
- Compatible with both 250 W and 400 W gear systems
- Two beam angles selection and Up+Down or Down light options

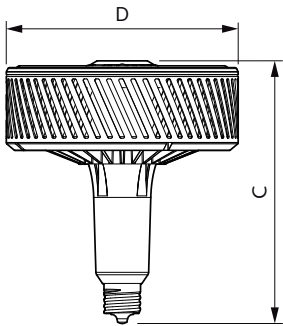
### Application

- Industrial – factories, warehouses, distribution centres
- Retail – Hyper markets, shopping centres
- Others – Transportation hubs, convention centres, sports halls

### Versions



### Dimensional drawing



Product	D	C
TrueForce LED HPI UN 140W E40 840 WB	250 mm	290 mm
TrueForce LED HPI UN 95W E40 840 NB	250 mm	290 mm
TrueForce LED HPI UN 95W E40 840 WB	250 mm	290 mm
TrueForce LED HPI UN 140W E40 840 NB	250 mm	290 mm

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## Controls and Dimming

Dimmable No

## Operating and Electrical

Input Frequency 50 Hz  
Voltage (Nom) 220-240 V  
Starting Time (Nom) 0.5 s

## General Information

Cap-Base E40  
Nominal Lifetime (Nom) 50000 h  
Switching Cycle 50,000X

## Light Technical

Colour Code 840  
Correlated Colour Temperature (Nom) 4000 K  
Colour Rendering Index (Nom) 80  
Llmf At End Of Nominal Lifetime (Nom) 70 %

## Mechanical and Housing

Bulb Shape Others

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
75367200	TrueForce LED HPI UN 95W E40 840 NB	95 kWh
75369600	TrueForce LED HPI UN 95W E40 840 WB	95 kWh
75371900	TrueForce LED HPI UN 140W E40 840 NB	140 kWh
75373300	TrueForce LED HPI UN 140W E40 840 WB	140 kWh

## Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
75367200	TrueForce LED HPI UN 95W E40 840 NB	250 W	95 W
75369600	TrueForce LED HPI UN 95W E40 840 WB	250 W	95 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
75371900	TrueForce LED HPI UN 140W E40 840 NB	400 W	140 W
75373300	TrueForce LED HPI UN 140W E40 840 WB	400 W	140 W

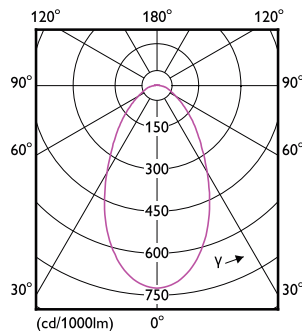
## Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Nom)
75367200	TrueForce LED HPI UN 95W E40 840 NB	60 °	13000 lm
75369600	TrueForce LED HPI UN 95W E40 840 WB	120 °	13000 lm

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Nom)
75371900	TrueForce LED HPI UN 140W E40 840 NB	60 °	20000 lm
75373300	TrueForce LED HPI UN 140W E40 840 WB	120 °	20000 lm

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
75367200	TrueForce LED HPI UN 95W E40 840 NB	91.5 °C
75369600	TrueForce LED HPI UN 95W E40 840 WB	91.5 °C
75371900	TrueForce LED HPI UN 140W E40 840 NB	84 °C
75373300	TrueForce LED HPI UN 140W E40 840 WB	84 °C



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