



Ideal for HPI/SON/HPL LED replacement in Highbay application

TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. With unique lamp design and compatibility, you can directly retrofit HID lamps with TrueForce LED lamps without changing the fixtures or gear. Multiple beam angle options and high colour rendering index enhance the lighting distribution while creating a comfortable, safe and high productivity environment.

Benefits

- Instant upgrade and easy to install - less time consuming and safer working at height
- Great payback (<2 years) and extended energy savings of 65% vs. existing conventional systems
- Low initial investment

Features

- Direct lamp replacement solution without changing the fixture or gear
- High energy efficiency with directional light
- Long lifetime 50,000hrs for operation efficiency
- Crispy white light 4000K, CRI80 for better visual colour
- Product weight < 1,3kg

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Application

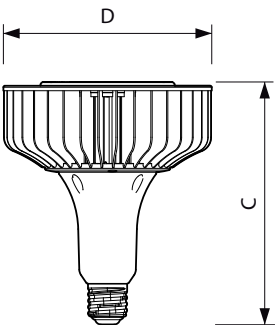
- Industrial - factories, warehouses, distribution centres
- Retail - hyper markets, shopping malls
- Others - transportation hubs, convention centres, sport/city halls

Versions



E40 Others

Dimensional drawing



Product	D	C
TrueForce LED HPI ND 110-88W E40 840 120D	210 mm	250 mm
TrueForce LED HPI ND 110-88W E40 840 60D	210 mm	250 mm

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Approval and Application

Energy Consumption kWh/1000 h	97 kWh
Energy Efficiency Label (EEL)	A+

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 Hz
Voltage (Nom)	100-145 V
Wattage Equivalent	250 W
Power (Rated) (Nom)	88 W
Starting Time (Nom)	1.2 s

General Information

Cap-Base	E40
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X

Light Technical

Color Code	840
Correlated Color Temperature (Nom)	4000 K
Color Rendering Index (Nom)	80
Lmf At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux (Nom)	11000 lm
Luminous Flux (Rated) (Nom)	11000 lm

Mechanical and Housing

Bulb Shape	Others
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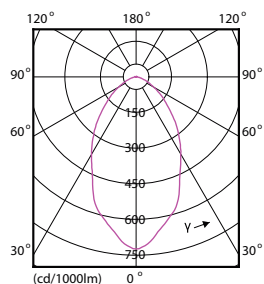
Temperature

T-Case Maximum (Nom)	90 °C
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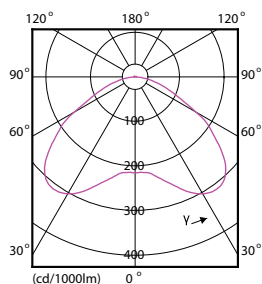
Light Technical

Order Code	Full Product Name	Beam Angle (Nom)
929001356802	TrueForce LED HPI ND 110-88W E40 840 60D	60 °
929001356902	TrueForce LED HPI ND 110-88W E40 840 120D	120 °

Light Distribution Diagrams



TrueForce LEDHIL HPI 250W E40 840 60D



TrueForce LEDHIL HPI 250W E40 840 120D

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