



TrueForce LED Industrial and Retail (Highbay – MH)

TrueForce LED HPI UN 95W E40 840 NB

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 of TrueForce LED enables the direct retrofit of HID lamps with TrueForce LED lamps without changing the fixtures or gear. In fact, the TrueForce LED lamp is compatible with both 250 W and 400 W gears to maximise 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 colour 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 must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

General Information	
Cap base	E40 [E40]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	95-250W
	Narrow Cone

Light Technical	
Colour Code	840 [CCT of 4,000 K]
Beam Angle (Nom)	60 °
Luminous flux (nom.)	13000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	136.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

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LLMF at end of nominal lifetime (nom.)	70 %
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Operating and Electrical

Input frequency	50 Hz
Power (Rated) (Nom)	95 W
Lamp current (nom.)	500 mA
Wattage equivalent	250 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

Temperature

T-Case maximum (nom.)	91.5 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb shape	Others
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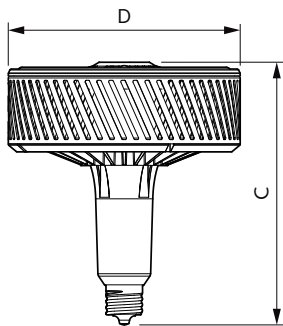
Approval and Application

Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	95 kWh
	403624

Product Data

Full product code	871869975367200
Order product name	TrueForce LED HPI UN 95W E40 840 NB
EAN/UPC – product	8718699753672
Order code	75367200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
SAP material	929002350702
SAP net weight (piece)	1.250 kg

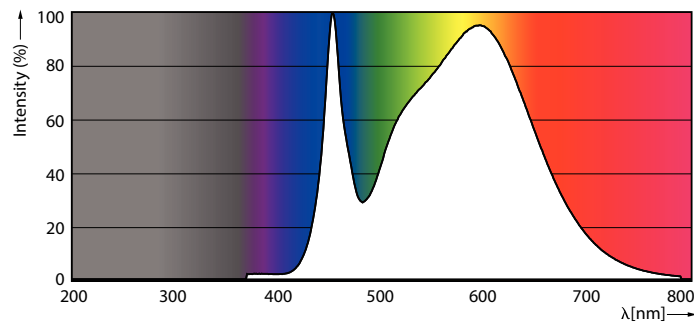
Dimensional drawing



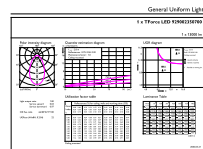
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Product	D	C
TrueForce LED HPI UN 95W E40 840 NB	250 mm	290 mm

Photometric data



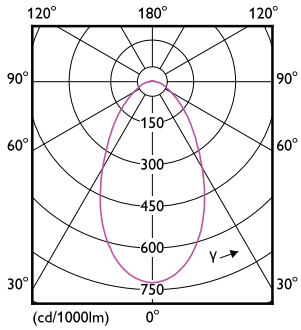
LEDForce HPI 95W Others E40 840



LEDForce HPI 95W Others E40 840 60D

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Photometric data



LEDTForce HPI 95W Others E40 60D

Lifetime



50K



50K

