



TrueForce LED Industrial and Retail (Highbay – MH)

TrueForce LED HPI UN 140W E40 840 WB

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.

Product data

General Information		Correlated Colour Temperature (Nom)	
Cap base	E40 [E40]		4000 K
EU RoHS compliant	Yes	Luminous efficacy (rated) (nom.)	142.00 lm/W
Nominal lifetime (nom.)	50000 h	Colour consistency	<6
Switching cycle	50,000X	Colour rendering index (nom.)	80
Technical type	140-400W	LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4,000 K]	Input frequency	50 Hz
Beam Angle (Nom)	120 °	Power (Rated) (Nom)	140 W
Luminous flux (nom.)	20000 lm	Lamp current (nom.)	700 mA
Colour designation	Cool White (CW)	Wattage equivalent	400 W
		Starting time (nom.)	0.5 s

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Warm-up time to 60% light (nom.)	1 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature

T-Case maximum (nom.)	84 °C
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Controls and Dimming

Dimmable	No
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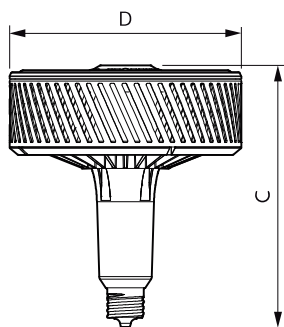
Approval and Application

Energy efficiency label (EEL)	A++
Energy consumption kWh/1,000 hours	140 kWh

Product Data

Full product code	871869975373300
Order product name	TrueForce LED HPI UN 140W E40 840 WB
EAN/UPC – product	8718699753733
Order code	75373300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
Material no. (12 NC)	929002351002
SAP net weight (piece)	1.250 kg

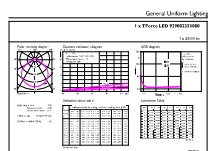
Dimensional drawing



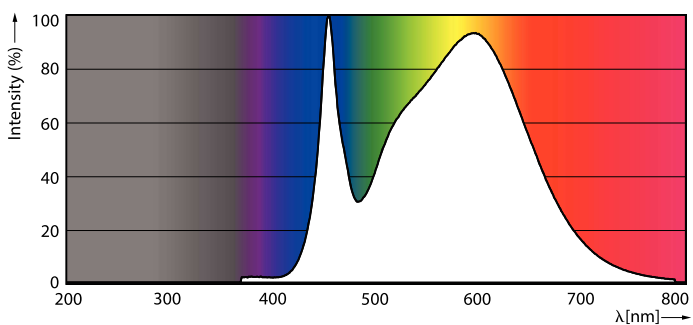
TForce HB UNI ND 200-143W E40 840 WB

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

Photometric data



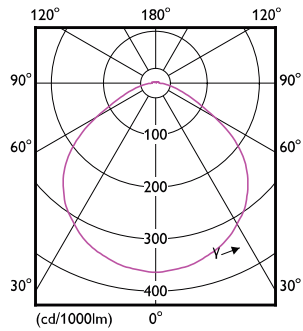
LEDTForce HPI 140W Others E40 840 120D



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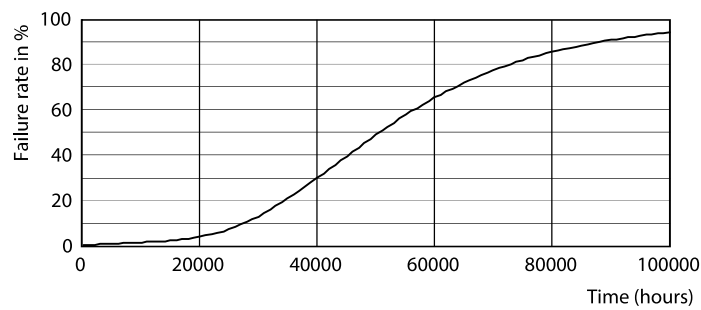
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Photometric data

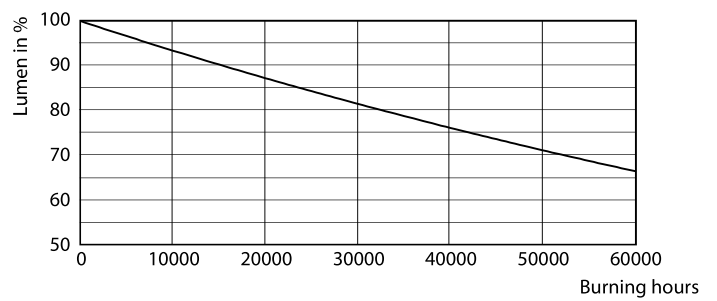


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Lifetime



50K



50K

