



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

TrueForce HB 140W E40 840 NB LA

Philips TrueForce LED I&R mains lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED I&R mains lamps and bypass the existing ballast while enhancing the lighting quality.

Product data

General information	
Cap-Base	E40 [E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	60°
Luminous Flux (Nom)	20000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142.00 lm/W

Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	140 W
Lamp Current (Max)	1450 mA
Lamp Current (Min)	660 mA
Wattage Equivalent	400 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9

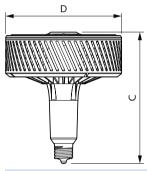
Datasheet, 2021, June 30 data subject to change

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Voltage (Nom)	110-277 V	
Temperature		
T-Case Maximum (Nom)	60 °C	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb Finish	Clear	
Bulb Shape	Others	
Approval and application		
Energy Consumption kWh/1000 h	- kWh	

Product data	
Full product code	871869973264600
Order product name	TrueForce HB 140W E40 840 NB LA
EAN/UPC - Product	8718699732646
Order code	929002281612
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	929002281612
Net Weight (Piece)	1.250 kg

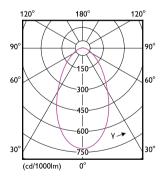
Dimensional drawing



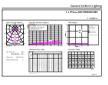
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Product D C TrueForce HB 140W E40 840 NB LA 250 mm 290 mm

Photometric data



LEDTForce HB 140W Others E40 60D

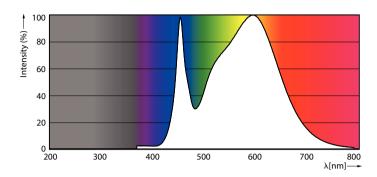


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LEDTForce HB 140W Others E40 840 60D

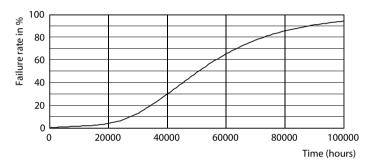
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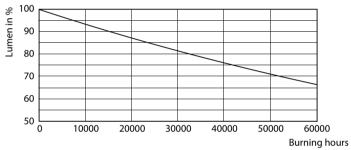
Photometric data



LEDTForce 145W Others EX39 840

Lifetime





50K 50K



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