



# 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

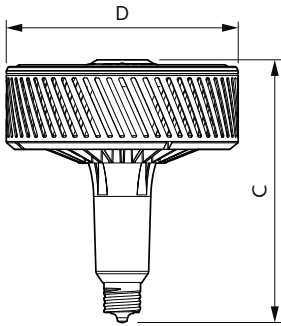
General information		Color Consistency	
Cap-Base	E40 [ E40]	Color Consistency	<6
EU RoHS compliant	Yes	Color Rendering Index (Nom)	80
Nominal Lifetime (Nom)	50000 h	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50000X	Operating and electrical	
Light technical		Input Frequency	50 to 60 Hz
Color Code	840 [ CCT of 4000K]	Power (Nom)	140 W
Beam Angle (Nom)	60 °	Lamp Current (Max)	1450 mA
Luminous Flux (Nom)	20000 lm	Lamp Current (Min)	660 mA
Color Designation	Cool White (CW)	Wattage Equivalent	400 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	142.00 lm/W	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9

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

<b>Product data</b>	
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

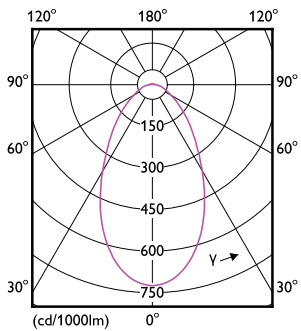
## Dimensional drawing



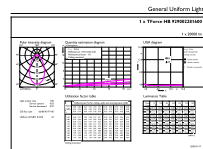
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Product	D	C
TrueForce HB 140W E40 840 NB LA	250 mm	290 mm

## Photometric data



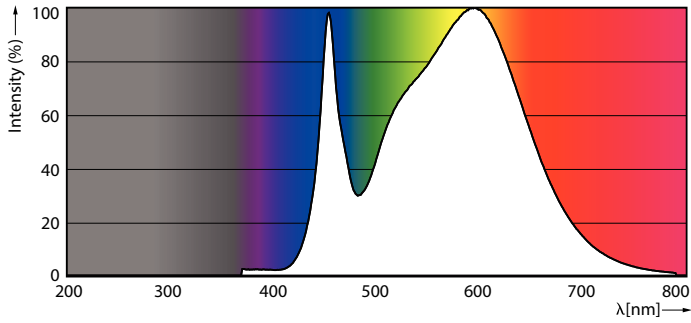
LEDTForce HB 140W Others E40 60D



LEDTForce HB 140W Others E40 840 60D

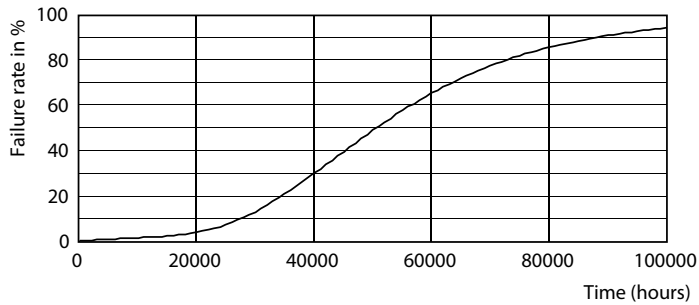
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## Photometric data

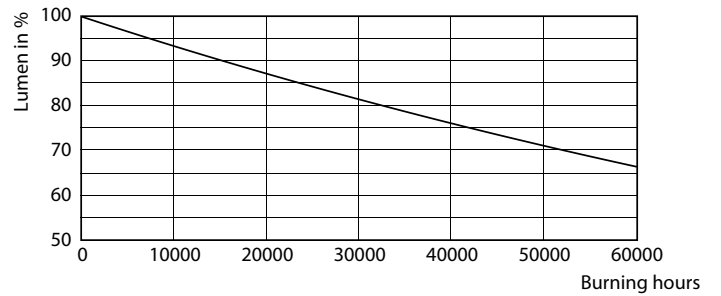


LEDTForce 145W Others EX39 840

## Lifetime



50K



50K

