



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

## TrueForce LED HPI ND 200-145W E40 840 120D

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in High-bay applications. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus the initial investment is low. 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.

### Product data

General Information		Color rendering index (nom.)	
Cap base	E40 [ E40]		80
Nominal lifetime (nom.)	50000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	50000X	<b>Operating and Electrical</b>	
Technical type	145-400W	Input frequency	50 Hz
<b>Light Technical</b>		Power (Rated) (Nom)	145 W
Colour code	840 [ CCT of 4000K (841)]	Lamp current (nom.)	3900 mA
Beam Angle (Nom)	120 °	Wattage equivalent	400 W
Luminous flux (nom.)	20000 lm	Starting time (nom.)	0.7 s
Luminous flux (rated) (nom.)	20000 lm	Warm-up time to 60% light (nom.)	0.7 s
Colour designation	Cool White (CW)	Power factor (nom.)	0.7
Correlated colour temperature (nom.)	4000 K	Voltage (Nom)	100-145 V
Luminous efficacy (rated) (nom.)	137.00 lm/W		
Colour consistency	<6		

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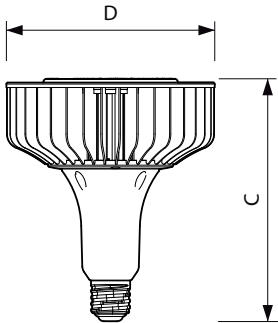
Temperature	
T-Case maximum (nom.)	95 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy efficiency label (EEL)	A+
Energy Consumption kWh/1000 h	160 kWh
Product Data	
Full product code	871869671388400

Order product name	TrueForce LED HPI ND 200-145W E40 840 120D
EAN/UPC – product	8718696713884
Order code	71388400
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	929001357102
Net weight (piece)	1.300 kg

## Warnings and Safety

- EM version requires an EM ballast to operate. Please refer to the installation guide or consult a Philips Lighting representative.

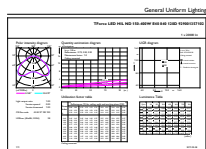
## Dimensional drawing



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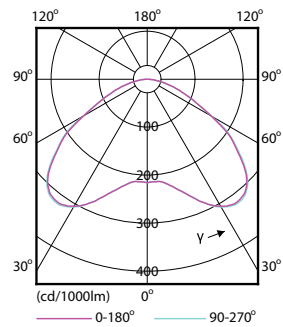
Product	D	C
TrueForce LED HPI ND 200-145W E40 840 120D	210 mm	250 mm

## Photometric data



General Uniform Lighting  
TrueForce LED HPI ND 200-145W E40 840 120D  
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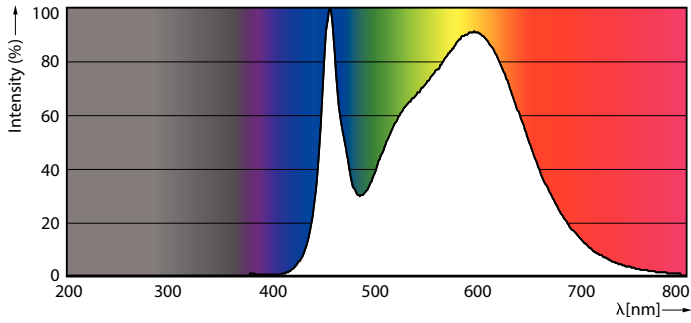
400W E40 Others ND 120D 840 4000K



400W E40 Others ND 120D 840 4000K

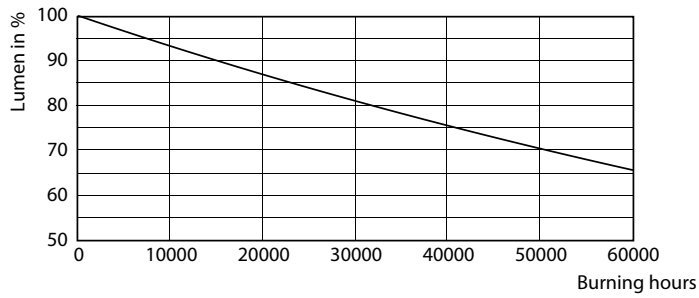
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## Photometric data

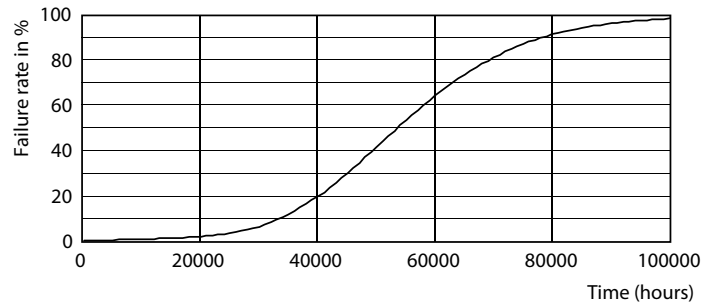


400W E40 Others ND

## Lifetime



400W E40 Others ND



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