



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

TrueForce LED HPI ND 110-88W E40 840 60D

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. 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 Consistency	
Cap-Base	E40 [E40]	Color Consistency	<6
Nominal Lifetime (Nom)	50000 h	Color Rendering Index (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	88-250W	Operating and Electrical	
Light Technical		Input Frequency	50 Hz
Color Code	840 [CCT of 4000K]	Power (Rated) (Nom)	88 W
Beam Angle (Nom)	60 °	Lamp Current (Nom)	2500 mA
Luminous Flux (Nom)	11000 lm	Wattage Equivalent	250 W
Luminous Flux (Rated) (Nom)	11000 lm	Starting Time (Nom)	1.2 s
Color Designation	Cool White (CW)	Warm Up Time to 60% Light (Nom)	1.2 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Nom)	0.7
Luminous Efficacy (Rated) (Nom)	125.00 lm/W	Voltage (Nom)	100-145 V

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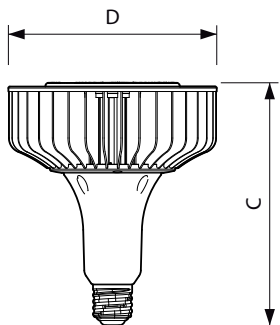
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	97 kWh
Product Data	
Full product code	871869671378500

Order product name	TrueForce LED HPI ND 110-88W E40 840 60D
EAN/UPC - Product	8718696713785
Order code	929001356802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001356802
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.

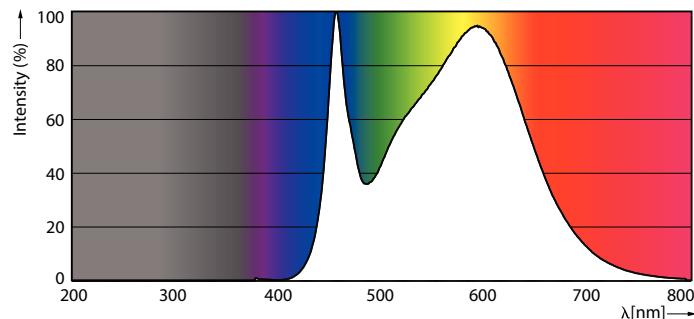
Dimensional drawing



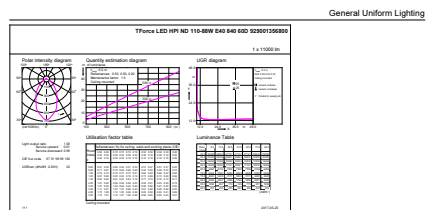
TrueForce LED HIL ND 90-250W E40 840 60D

Product	D	C
TrueForce LED HPI ND 110-88W E40 840 60D	210 mm	250 mm

Photometric data



NAM Highbay 165W EX39 4000K 60-120D NB WB UDL



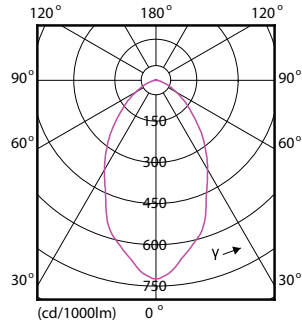
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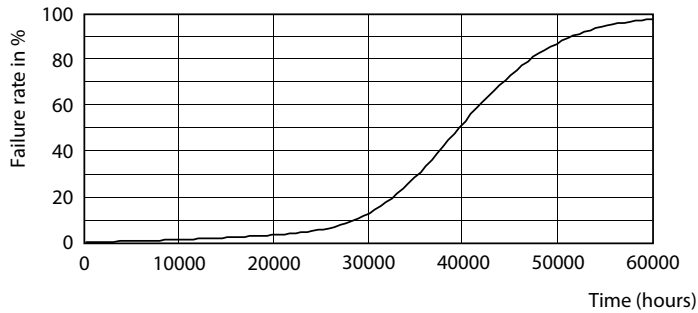
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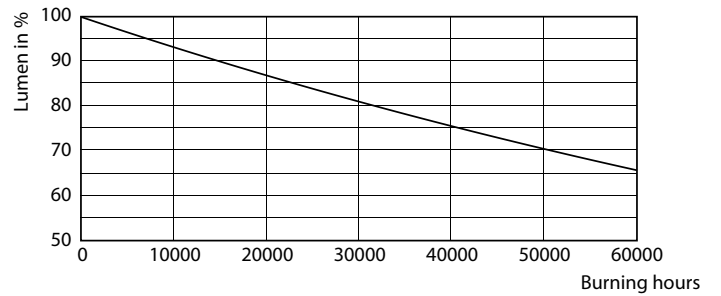


TrueForce LEDHIL HPI 250W E40 840 60D

Lifetime



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