



MASTER - LED HID HPI



TForce LED HPI UN 140W E40 840 NB

Philips MASTER - LED HID HPI Highbay lamps give you a quick and easy payback solution to replace HID alternatives in high-bay applications. MASTER – LED HID HPI solutions give you the LED benefits of energy efficiency and a long lifetime with a retrofit solution. The design of MASTER – LED HID HPI enables the direct retrofit of HID lamps without changing the fixtures or gear. The MASTER – LED HID HPI lamp is compatible with both 250W and 400W gears to maximize 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 a high color rendering index enhance the lighting distribution in medium and high-bay applications while creating a comfortable, safe, and highly productive environment.

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

Product data

General Information			
Cap-Base	E40 [E40]	Luminous Flux	20,000 lumen
Nominal lifetime	50,000 hour(s)	Color Designation	Cool White (CW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	142 lm/W
Flux measurement reference	Narrow Cone	Color Consistency	<6
CE mark	Yes	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 Hz
Beam Angle (Nom)	60 degree(s)	Input Frequency	50 Hz
		Power Consumption	140 W

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Lamp Current (Nom)	700 mA
Wattage Equivalent	400 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	63 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	Others
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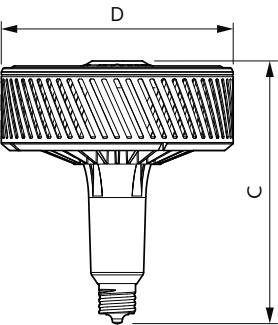
Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	140 kWh
EPREL Registration Number	403626

Product Data

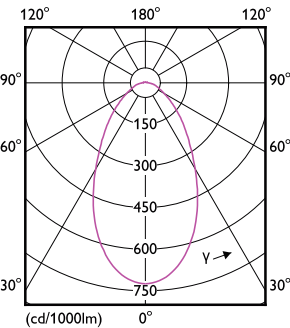
Full product code	871869975371900
Order product name	TForce LED HPI UN 140W E40 840 NB
Order code	929002350902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	929002350902
Full product name	TForce LED HPI UN 140W E40 840 NB
EAN/UPC - Case	8718699753726
EAN/UPC - Product/Case	8718699753719

Dimensional drawing

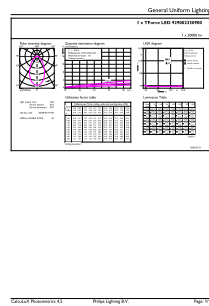


Product	D	C
TForce LED HPI UN 140W E40 840 NB	250 mm	290 mm

Photometric data



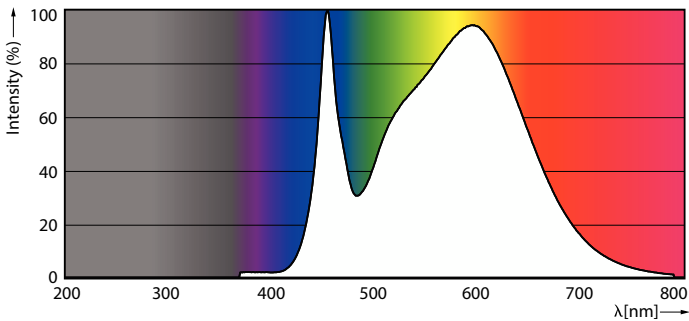
Light Distribution Diagram - TForce LED HPI UN 140W E40 840 NB



General uniform lighting - TForce LED HPI UN 140W E40 840 NB

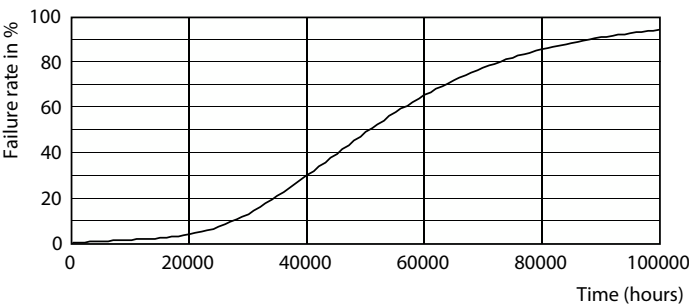
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Photometric data

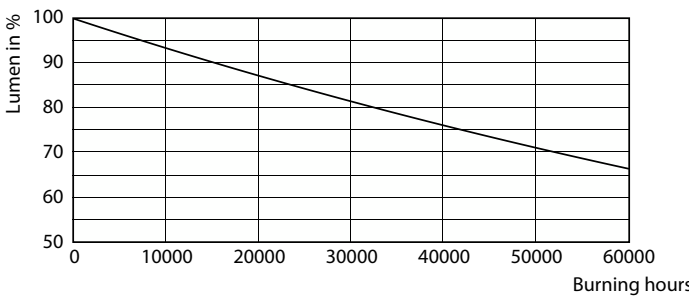


Spectral Power Distribution Colour - TForce LED HPI UN 140W E40 840 NB

Lifetime



Life Expectancy Diagram - TForce LED HPI UN 140W E40 840 NB



Lumen Maintenance Diagram - TForce LED HPI UN 140W E40 840 NB

