



MASTER - LED HID HPI



TForce LED HPI UN 140W E40 840 WB

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

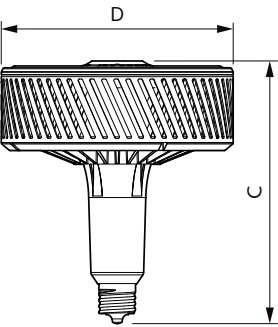
General Information			
Cap-Base	E40 [E40]	Luminous Flux	20,000 lumen
Nominal lifetime	50,000 hour(s)	Color Designation	Cool White (CW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	142 lm/W
Flux measurement reference	Wide Cone	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)	120 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
Mechanical and Housing	
Bulb Shape	Others

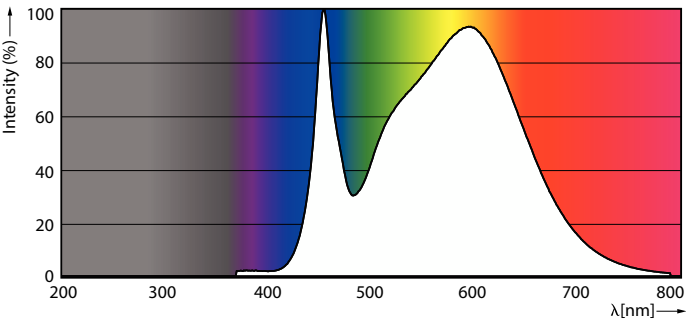
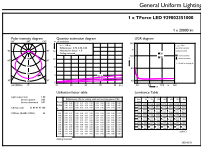
Approval and Application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	140 kWh
EPREL Registration Number	403627
Product Data	
Full product code	871869975373300
Order product name	TForce LED HPI UN 140W E40 840 WB
Order code	929002351002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	929002351002
Full product name	TForce LED HPI UN 140W E40 840 WB
EAN/UPC - Case	8718699753740
EAN/UPC - Product/Case	8718699753733

Dimensional drawing



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

Photometric data

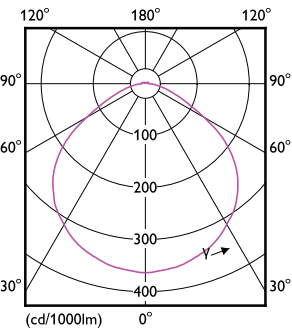


General uniform lighting - TForce LED HPI UN 140W E40 840 WB

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

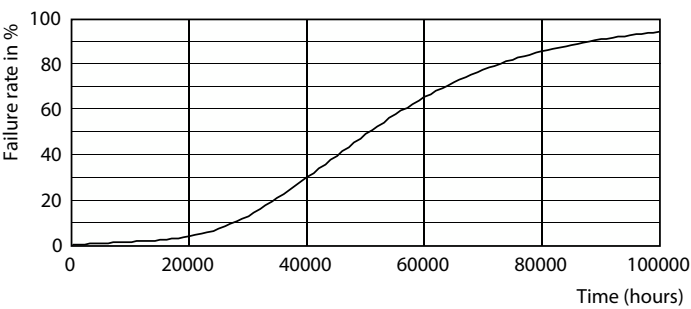
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Photometric data

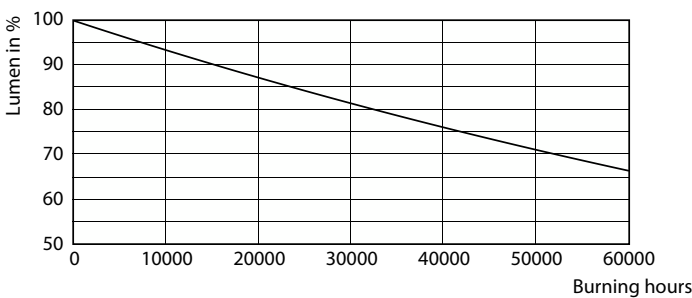


Light Distribution Diagram - TForce LED HPI UN 140W E40 840 WB

Lifetime



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



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

