



MASTER - LED HID HPI

TForce LED HPI ND200-145WE40 840 60DRCA

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		Operating and Electrical	
Cap-Base	E40 [E40]	Correlated Color Temperature (Nom)	4000 K
Nominal lifetime	50,000 hour(s)	Luminous Efficacy (rated) (Nom)	137.00 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Line Frequency	50 Hz
Color Code	840 [CCT of 4000K]	Input Frequency	50 Hz
Beam Angle (Nom)	60 degree(s)	Power Consumption	145 W
Luminous Flux	20,000 lm	Lamp Current (Nom)	3,900 mA
Color Designation	Cool White (CW)	Wattage Equivalent	400 W

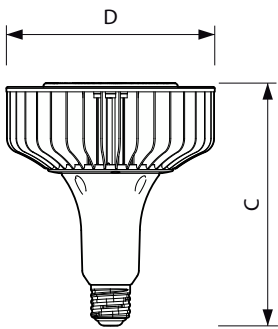
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Starting Time (Nom)	0.7 s
Warm-up time to 60% light	0.7 s
Power Factor (Fraction)	0.7
Voltage (Nom)	100-145 V
Temperature	
T-Case Maximum (Nom)	95 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	160 kWh

Product Data

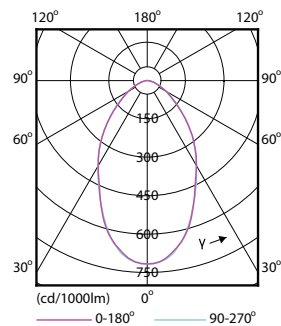
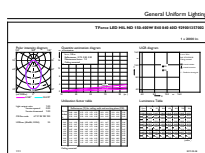
Order product name	TForce LED HPI ND200-145WE40 840 60DRCA
Full product name	TForce LED HPI ND200-145WE40 840 60DRCA
Full product code	871869966451000
Order code	929001357038
Material Nr. (12NC)	929001357038
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699664510
Numerator - Packs per outer box	2
EAN/UPC - Case	8718699664527

Dimensional drawing



Product	D	C
TForce LED HPI ND200-145WE40 840 60DRCA	210 mm	250 mm

Photometric data



General uniform lighting - TForce LED HPI ND200-145WE40 840 60DRCA

Light Distribution Diagram - TForce LED HPI ND200-145WE40 840 60DRCA

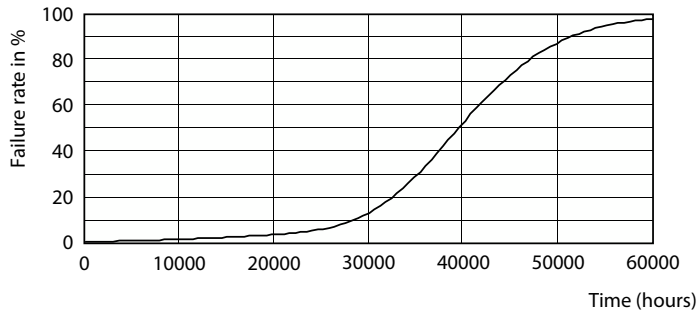
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Photometric data

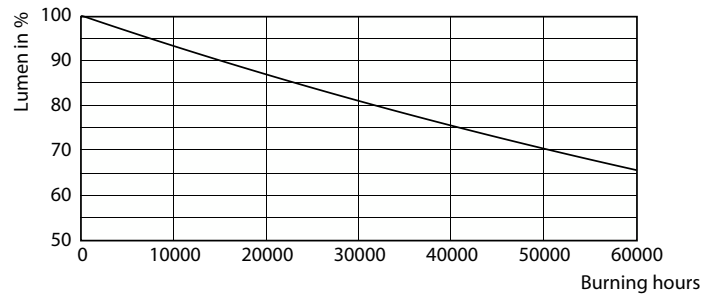


Spectral Power Distribution Colour - TForce LED HPI ND200-145WE40 840 60DRCA

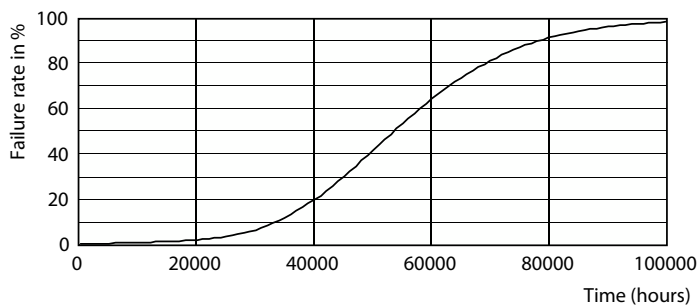
Lifetime



Life Expectancy Diagram - TForce LED HPI ND200-145WE40 840 60DRCA



Lumen Maintenance Diagram - TForce LED HPI ND200-145WE40 840 60DRCA



Life Expectancy Diagram - TForce LED HPI ND200-145WE40 840 60DRCA

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