



LED Highbay

165HB/LED/840/D WB UDL BB G2 4/1

Philips LED high bay lamps are a direct replacement for 250W to 400W metal halide lamps which will deliver substantial energy savings. Philips LED HighBays delivers bright, clean light for a fraction of the energy used by conventional HID.

Product data

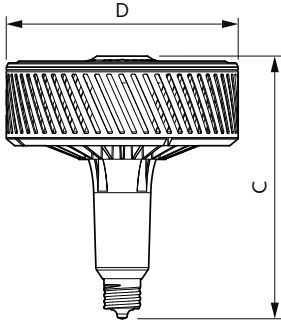
General Information		Temperature	
Cap-Base	EX39 [Exclusionary Mogul Screw]	Warm-up time to 60% light	0.5 s
Nominal lifetime	50,000 hour(s)	Power Factor (Fraction)	0.9
Switching Cycle	50,000	Voltage (Nom)	120-277 V
Lighting Technology	LED	UL Type	HIB_UL Type B (UL Listed+Classified)
EU RoHS compliant	Yes	Temperature	
Light Technical		Ambient temperature range	-20 °C to 45 °C
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	58 °C
Beam Angle (Nom)	120 degree(s)	Controls and Dimming	
Luminous Flux	25,000 lm	Dimmable	Only with specific dimmers
Color Designation	Cool White (CW)	Mechanical and Housing	
Correlated Color Temperature (Nom)	4000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	151.00 lm/W	Bulb Material	Plastic
Color Consistency	<6	Bulb Shape	Others
Color rendering index (CRI)	80	Application Conditions	
LLMF At End Of Nominal Lifetime (Nom)	70 %	can it be used in closed luminaires	Yes
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Order product name	165HB/LED/840/D WB UDL BB G2 4/1
Input Frequency	50 to 60 Hz	Full product name	165HB/LED/840/D WB UDL BB G2 4/1
Power Consumption	165 W	Order code	929002496504
Lamp Current (Nom)	1,650 mA		
Starting Time (Nom)	0.5 s		

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Material Nr. (12NC)	929002496504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563981
Numerator - Packs per outer box	4

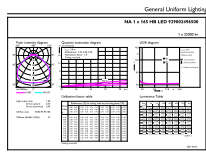
EAN/UPC - Case	50046677563986
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Dimensional drawing

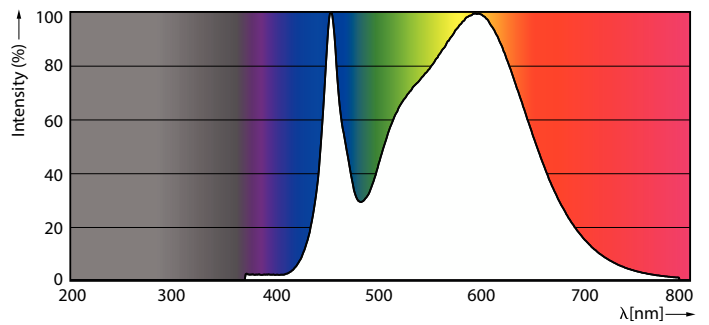


Product	D	C
165HB/LED/840/D WB UDL BB G2 4/1	250 mm	295 mm

Photometric data

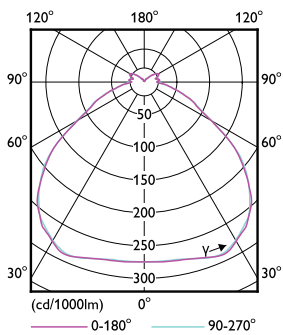


General uniform lighting - 165HB/LED/840/D WB UDL BB G2 4/1



Spectral Power Distribution Colour - 165HB/LED/840/D WB UDL BB G2 4/1

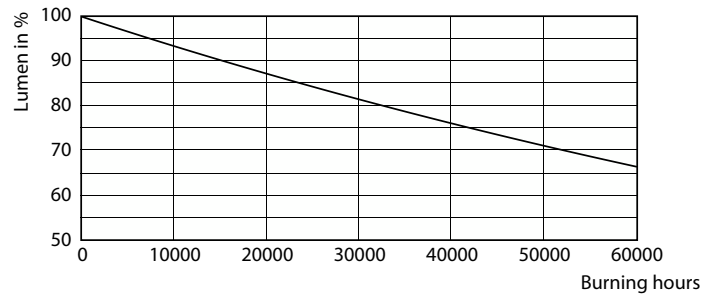
General uniform lighting - 165HB/LED/840/D WB UDL BB G2 4/1



Light Distribution Diagram - 165HB/LED/840/D WB UDL BB G2 4/1

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Lifetime



Life Expectancy Diagram - 165HB/LED/840/D WB UDL BB G2 4/1

Lumen Maintenance Diagram - 165HB/LED/840/D WB UDL BB G2 4/1

