



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

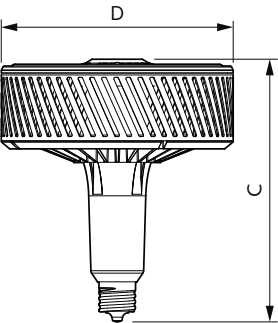
General Information		Power Factor (Fraction)		0.9
Cap-Base	EX39 [Exclusionary Mogul Screw]	Voltage (Nom)		120-277 V
Nominal lifetime	50,000 hour(s)	UL Type		HIB_UL Type B (UL Listed+Classified)
Switching Cycle	50,000			
Lighting Technology	LED	Temperature		
		T-Case Maximum (Nom)		136 °F
Light Technical		Controls and Dimming		
Color Code	840 [CCT of 4000K]	Dimmable		Only with specific dimmers
Beam Angle (Nom)	120 degree(s)			
Luminous Flux	25,000 lm	Mechanical and Housing		
Color Designation	Cool White (CW)	Bulb Finish		Clear
Correlated Color Temperature (Nom)	4000 K	Bulb Material		Plastic
Luminous Efficacy (rated) (Nom)	151.00 lm/W	Bulb Shape		Others
Color Consistency	<6	Net Weight (Piece)		2.756 lb
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application		
Operating and Electrical		EU RoHS compliant		Yes
Line Frequency	50 to 60 Hz	Ambient temperature range		-4 °F to 113 °F
Input Frequency	50 to 60 Hz			
Power Consumption	165 W	Application Conditions		
Lamp Current (Nom)	1,650 mA	can it be used in closed luminaires		Yes
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			

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Product Data	
Order product name	165HB/LED/840/D WB UDL BB G2 4/1
Full product name	165HB/LED/840/D WB UDL BB G2 4/1
Order code	563980
Material Nr. (12NC)	929002496504
Numerator - Quantity Per Pack	1

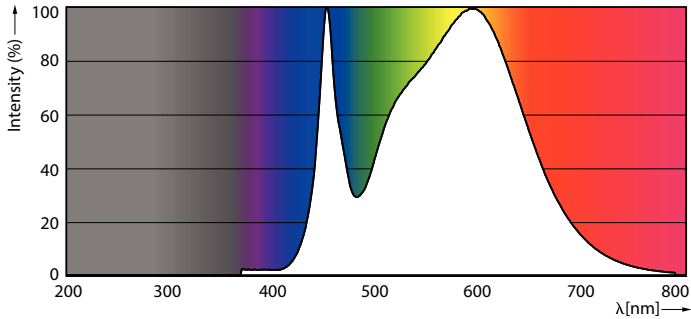
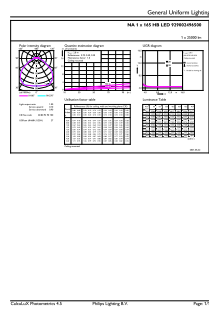
EAN/UPC - Product/Case	046677563981
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677563986

Dimensional drawing



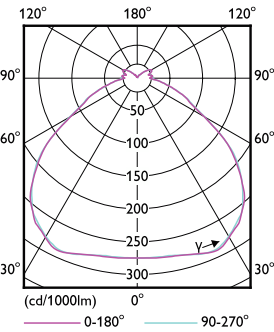
Product	D	C
165HB/LED/840/D WB UDL BB G2 4/1	9-7/8 inch	11-5/8 inch

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



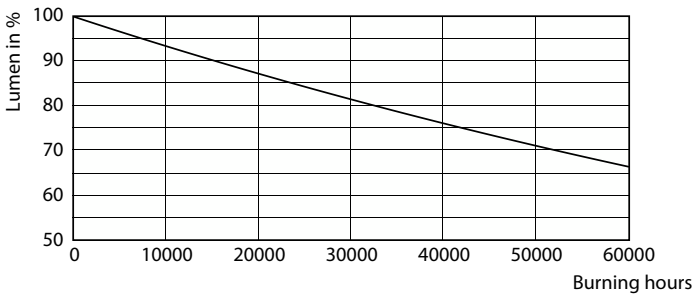
Light Distribution Diagram - 165HB/LED/840/D WB UDL BB G2 4/1

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Lifetime



Life Expectancy Diagram



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

