PHILIPS Lighting



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		
Cap-Base	EX39 [Exclusionary Mogul Screw]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	120 degree(s)	
Luminous Flux	25,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	151.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	165 W
Lamp Current (Nom)	1,650 mA
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	120-277 V	
UL Type	HIB_UL Type B (UL Listed+Classified)	
Temperature		
Ambient temperature range	-20 ℃ to 45 ℃	
T-Case Maximum (Nom)	58 ℃	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	Others	
Application Conditions		
can it be used in closed luminaires	Yes	
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	929002496504	

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EAN/UPC - Case	50046677563986

Dimensional drawing



Photometric data

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



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

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



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