



LED Highbay

165HB/LED/850/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

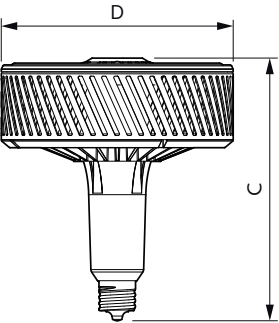
General Information		Warm-up time to 60% light		0.5 s
Cap-Base	EX39 [Exclusionary Mogul Screw]	Power Factor (Fraction)		0.9
Nominal lifetime	50,000 hour(s)	Voltage (Nom)		120-277 V
Switching Cycle	50,000	UL Type		HIB_UL Type B (UL Listed+Classified)
Lighting Technology	LED			
EU RoHS compliant	Yes	Temperature		
		Ambient temperature range		-4 °F to 113 °F
		T-Case Maximum (Nom)		136 °F
Light Technical				
Color Code	850 [CCT of 5000K]	Controls and Dimming		
Beam Angle (Nom)	120 degree(s)	Dimmable		Only with specific dimmers
Luminous Flux	25,000 lm			
Color Designation	Daylight	Mechanical and Housing		
Correlated Color Temperature (Nom)	5000 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			
LLMF At End Of Nominal Lifetime (Nom)	70 %	Application Conditions		
		can it be used in closed luminaires		Yes
Operating and Electrical				
Line Frequency	50 to 60 Hz	Product Data		
Input Frequency	50 to 60 Hz	Order product name		165HB/LED/850/D WB UDL BB G2 4/1
Power Consumption	165 W	Full product name		165HB/LED/850/D WB UDL BB G2 4/1
Lamp Current (Nom)	1,650 mA	Order code		564005
Starting Time (Nom)	0.5 s			

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Material Nr. (12NC)	929002496704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564001
Numerator - Packs per outer box	4

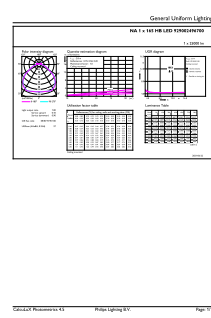
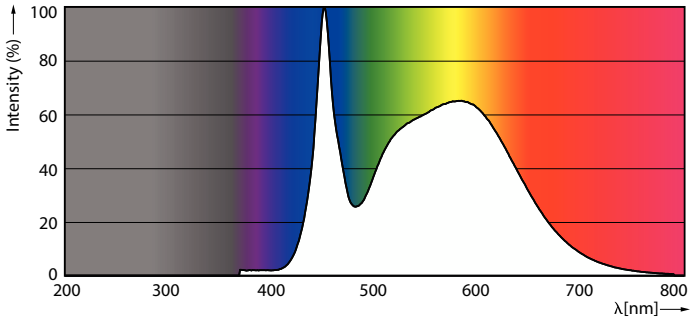
EAN/UPC - Case	50046677564006
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Dimensional drawing



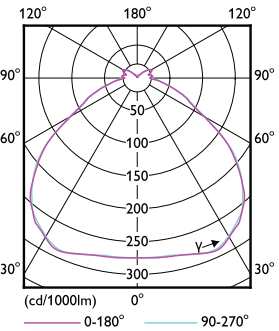
Product	D	C
165HB/LED/850/D WB UDL BB G2 4/1	9-7/8 inch	11-5/8 inch

Photometric data



Spectral Power Distribution Colour - 165HB/LED/850/D WB UDL BB G2 4/1

General uniform lighting - 165HB/LED/850/D WB UDL BB G2 4/1



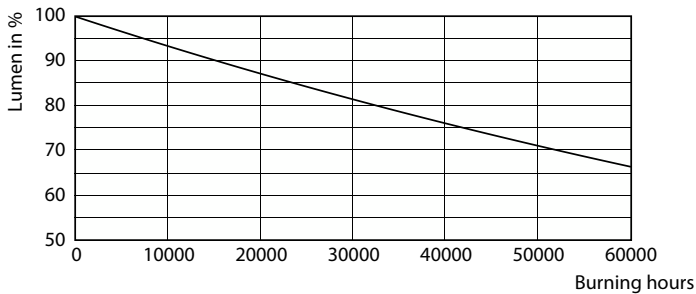
Light Distribution Diagram - 165HB/LED/850/D WB UDL BB G2 4/1

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Lifetime



Life Expectancy Diagram - 165HB/LED/850/D WB UDL BB G2 4/1



Lumen Maintenance Diagram - 165HB/LED/850/D WB UDL BB G2 4/1

