



LED Highbay

165HB/LED/840/ND WB UDL 2/1

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

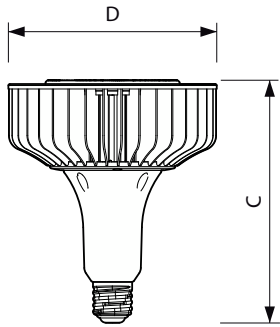
General Information		Starting Time (Nom)	
Cap-Base	EX39 [Exclusionary Mogul Screw]	Warm-up time to 60% light	0.5 s
Nominal lifetime	50,000 hour(s)	Power Factor (Fraction)	0.6
Switching Cycle	50,000	Voltage (Nom)	52-58 V
Lighting Technology	LED	UL Type	Type A - works on ballast
EU RoHS compliant	Yes		
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	185 °F
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	19,000 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	115.15 lm/W	Mechanical and Housing	
Color Consistency	ANSI 4000K	Bulb Finish	Clear
Color rendering index (CRI)	80	Bulb Material	Plastic
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape	Others
Operating and Electrical		Approval and Application	
Line Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	- kWh
Input Frequency	50 to 60 Hz		
Power Consumption	165 W	Product Data	
Lamp Current (Nom)	3,650 mA	Order product name	165HB/LED/840/ND WB UDL 2/1
Wattage Equivalent	400 W	Full product name	165HB/LED/840/ND WB UDL 2/1
		Order code	465674

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Material Nr. (12NC)	929001265504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677465674
Numerator - Packs per outer box	2

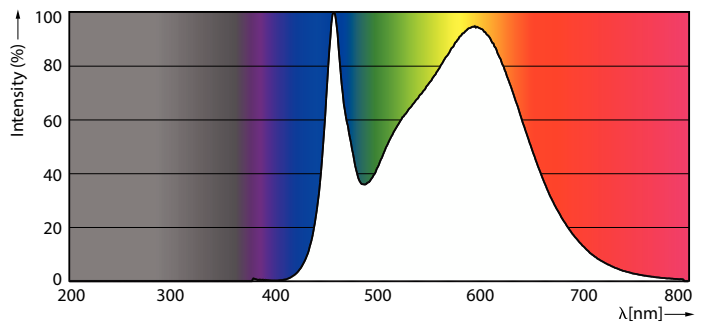
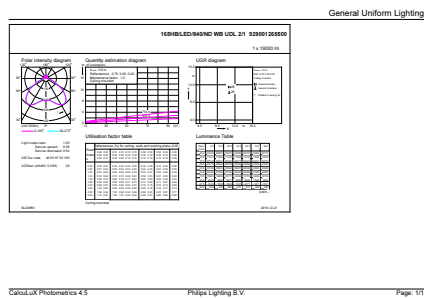
EAN/UPC - Case	50046677465679
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Dimensional drawing



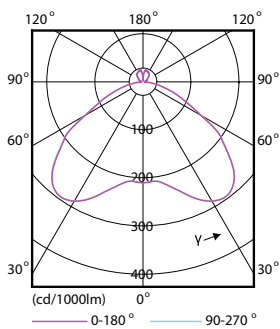
Product	D	C
165HB/LED/840/ND WB UDL 2/1	8-1/4 inch	9-11/16 inch

Photometric data



General uniform lighting - 165HB/LED/840/ND WB UDL 2/1

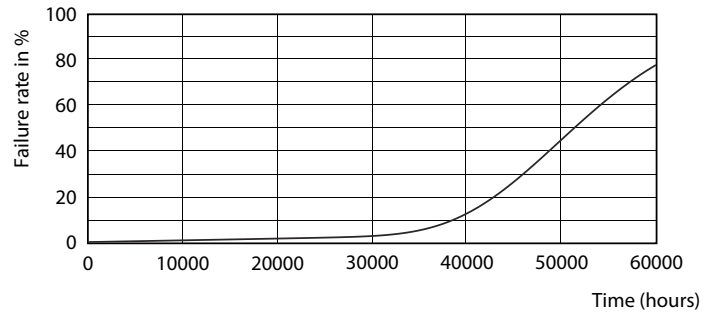
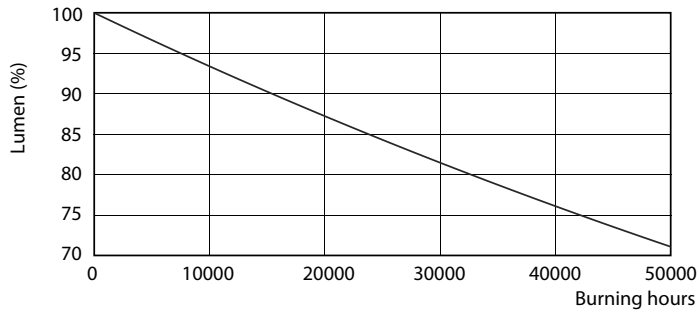
Spectral Power Distribution Colour - 165HB/LED/840/ND WB UDL 2/1



Light Distribution Diagram - 165HB/LED/840/ND WB UDL 2/1

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Lifetime



Lumen Maintenance Diagram - 165HB/LED/840/ND WB UDL 2/1

Life Expectancy Diagram - 165HB/LED/840/ND WB UDL 2/1

