



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

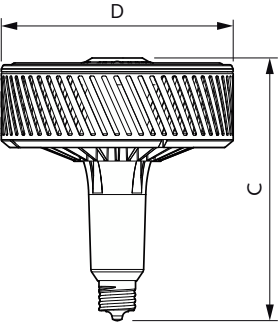
General information	
Base	EX39 [Exclusionary Mogul Screw]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Tier	Master
Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	120 °
Initial lumen (Nom)	25000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	151.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	165 W
Lamp Current (Nom)	1650 mA
Wattage Equivalent	400 W
Starting Time (Nom)	0.5 s

Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	HIB_UL Type B (UL Listed+Classified)
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Case Maximum (Nom)	136.4 °F
Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Others
Product data	
Order product name	165HB/LED/840/D WB UDL BB G2 4/1
EAN/UPC - Product	046677563981
Order code	563980
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

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Material Nr. (12NC)	929002496504
Net Weight (Piece)	2.756 lb

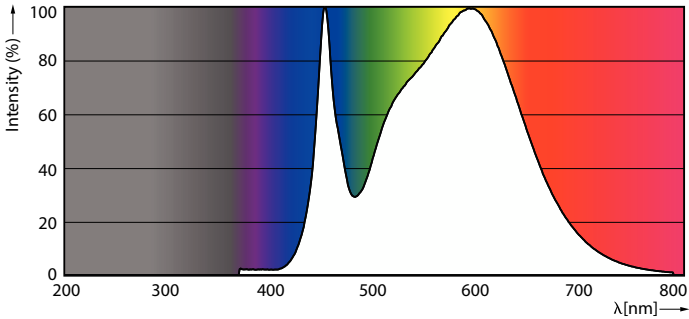
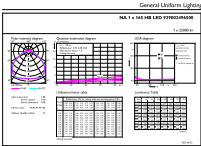
Dimensional drawing



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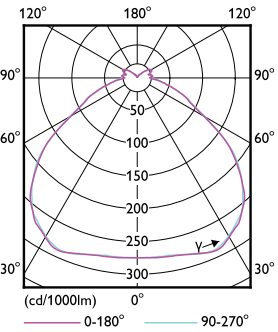
Product	D	C
165HB/LED/840/D WB UDL BB G2 4/1	9-7/8 in	11-5/8 in

Photometric data



LEDTForce HB 165W Others EX39 840 120D-GUL

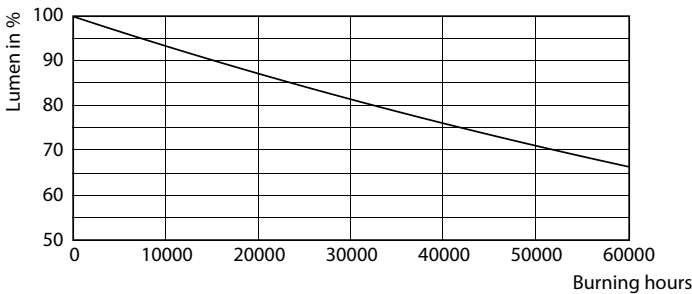
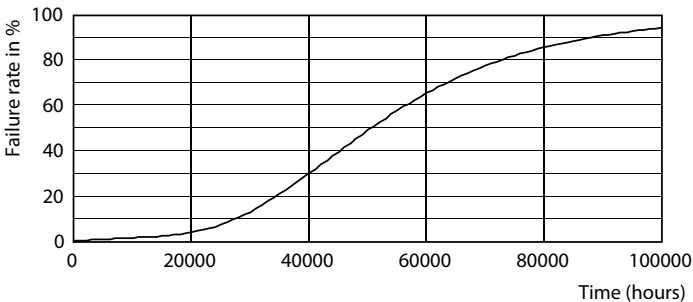
LEDTForce HB 165W Others EX39 840-POC



LEDTForce HB 145W Others EX39 120D-LDD

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

