



LED Highbay

100HB/LED/750/ND WB DL BB 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	
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	750 [CCT of 5000K]
Beam Angle (Nom)	130 degree(s)
Luminous Flux	12,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
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	100 W
Lamp Current (Nom)	850 mA
Wattage Equivalent	250 W

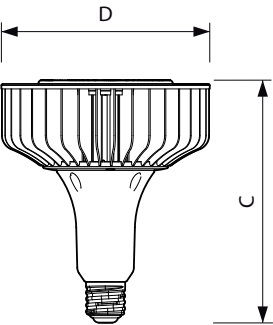
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast
Temperature	
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard
Product Data	
Order product name	100HB/LED/750/ND WB DL BB 2/1
Full product name	100HB/LED/750/ND WB DL BB 2/1
Order code	478040
Material Nr. (12NC)	929001851804

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Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677478049
Numerator - Packs per outer box	2

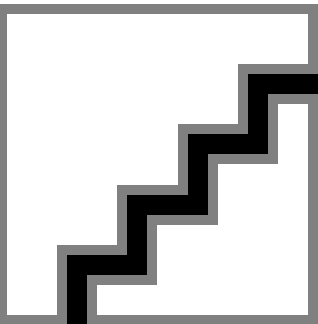
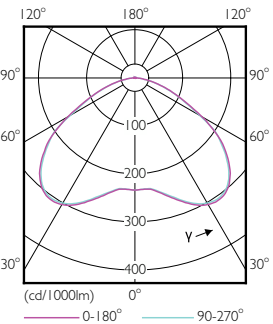
EAN/UPC - Case	50046677478044
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Dimensional drawing



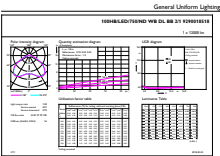
Product	D	C
100HB/LED/750/ND WB DL BB 2/1	8-5/16 inch	9-15/16 inch

Photometric data



Light Distribution Diagram - 100HB/LED/750/ND WB DL BB 2/1

Spectral Power Distribution Colour - 100HB/LED/750/ND WB DL BB 2/1

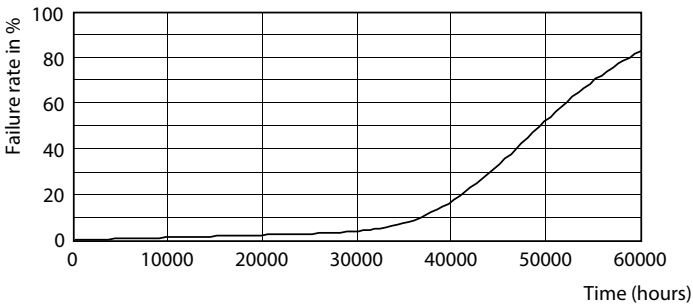


General Uniform Lighting 100HB/LED/750/ND WB DL BB 2/1 Page 10

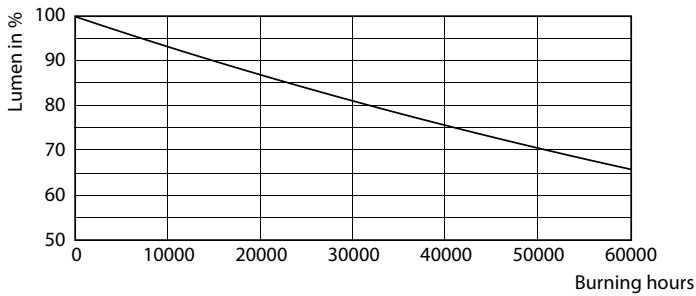
General uniform lighting - 100HB/LED/750/ND WB DL BB 2/1

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Lifetime



Life Expectancy Diagram - 100HB/LED/750/ND WB DL BB 2/1



Lumen Maintenance Diagram - 100HB/LED/750/ND WB DL BB 2/1

