



LED Highbay

145HB/LED/850/ND WB UDL BB 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	850 [CCT of 5000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	20,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	131.00 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	145 W
Lamp Current (Nom)	1,450 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

Temperature	
T-Case Maximum (Nom)	140 °F

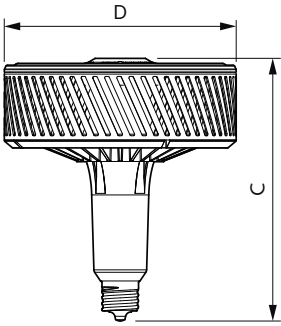
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	Others

Product Data	
Order product name	145HB/LED/850/ND WB UDL BB 4/1
Full product name	145HB/LED/850/ND WB UDL BB 4/1
Order code	557280
Material Nr. (12NC)	929002283104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677557287
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677557282

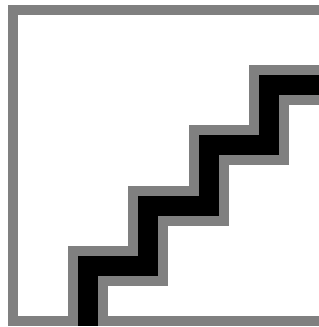
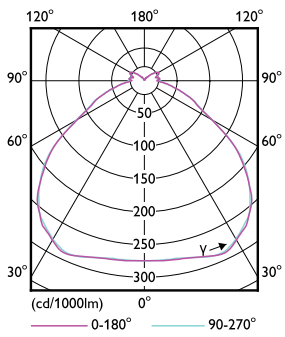
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Dimensional drawing



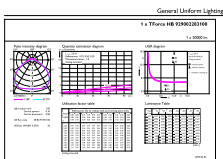
Product	D	C
145HB/LED/850/ND WB UDL BB 4/1	9-7/8 inch	11-5/8 inch

Photometric data



Light Distribution Diagram - 145HB/LED/850/ND WB UDL BB 4/1

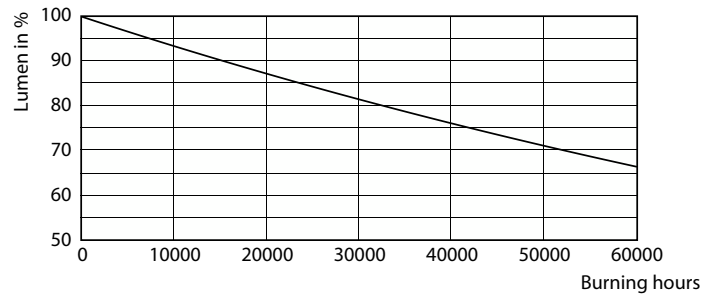
Spectral Power Distribution Colour - 145HB/LED/850/ND WB UDL BB 4/1



General uniform lighting - 145HB/LED/850/ND WB UDL BB 4/1

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Lifetime



Life Expectancy Diagram - 145HB/LED/850/ND WB UDL BB 4/1

Lumen Maintenance Diagram - 145HB/LED/850/ND WB UDL BB 4/1

