



LED Highbay

145HB/LED/840/ND NB DL 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.

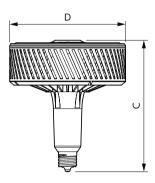
Product data

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	840 [CCT of 4000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	20,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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/840/ND NB DL BB 4/1	
Full product name	145HB/LED/840/ND NB DL BB 4/1	
Order code	557231	
Material Nr. (12NC)	929002282604	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677557232	
Numerator - Packs per outer box	4	
EAN/UPC - Case	50046677557237	

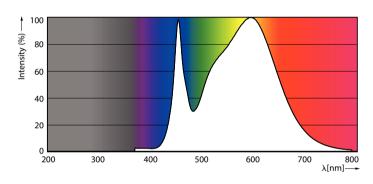
Datasheet, 2023, November 12 data subject to change

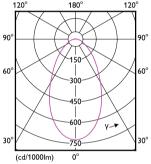
Dimensional drawing



Product	D	С
145HB/LED/840/ND NB DL BB 4/1	9-7/8 inch	11-1/4 inch

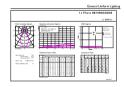
Photometric data





Spectral Power Distribution Colour - 145HB/LED/840/ND NB DL BB 4/1

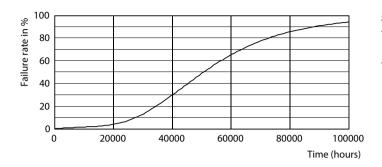
Light Distribution Diagram - 145HB/LED/840/ND NB DL BB 4/1

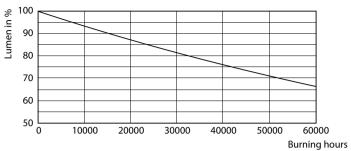


General uniform lighting - 145HB/LED/840/ND NB DL BB 4/1

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Lifetime





Life Expectancy Diagram - 145HB/LED/840/ND NB DL BB 4/1

Lumen Maintenance Diagram - 145HB/LED/840/ND NB DL BB 4/1



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