LED Highbay

145HB/LED/840/D NB DL 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	
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)	137.00 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
UL Type	HIB_UL Type B (UL Listed+Classified)

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

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

Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	145HB/LED/840/D NB DL BB G2 4/1
Full product name	145HB/LED/840/D NB DL BB G2 4/1
Order code	929002496004

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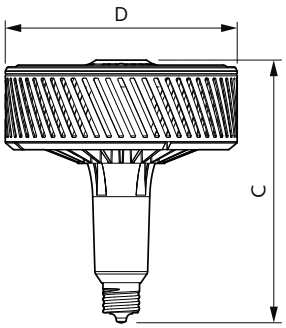
Material Nr. (12NC)	929002496004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563936
Numerator - Packs per outer box	4

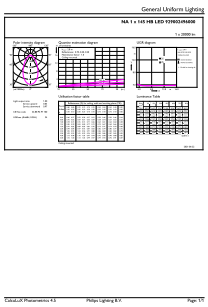
EAN/UPC - Case	50046677563931

Dimensional drawing

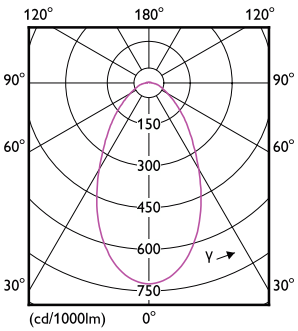


Product	D	C
145HB/LED/840/D NB DL BB G2 4/1	250 mm	285 mm

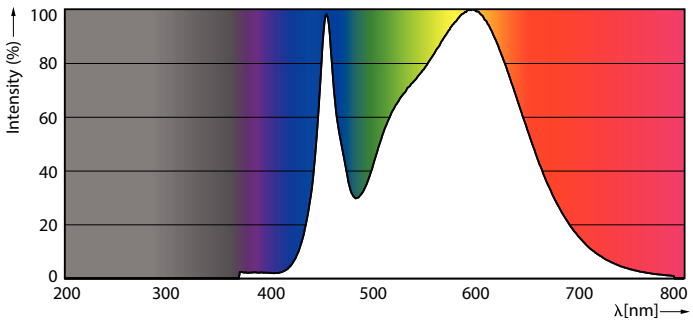
Photometric data



General uniform lighting - 145HB/LED/840/D NB DL BB G2 4/1



Light Distribution Diagram - 145HB/LED/840/D NB DL BB G2 4/1



Spectral Power Distribution Colour - 145HB/LED/840/D NB DL BB G2 4/1

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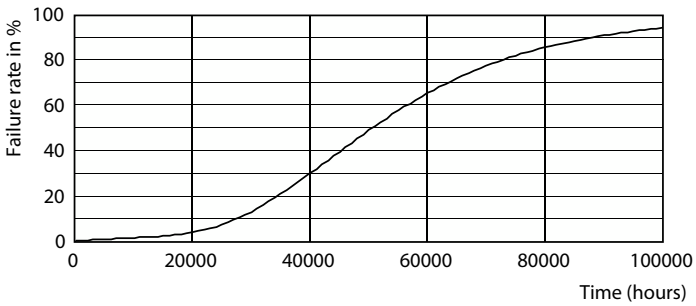
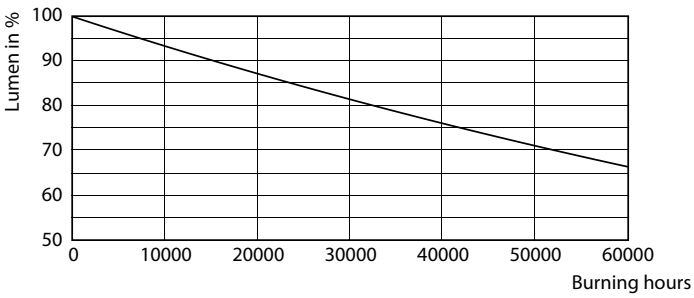
Lifetime



Life Expectancy Diagram - 145HB/LED/840/D NB DL BB G2 4/1



Lumen Maintenance Diagram - 145HB/LED/840/D NB DL BB G2 4/1

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