PHILIPS

Lighting

LED Highbay

145HB/LED/850/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	
Cap-Base	EX39 [Exclusionary Mogul Screw]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

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)	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	
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
Net Weight (Piece)	1.250 kg

Approval and Application	
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions	
can it be used in closed luminaires	Yes

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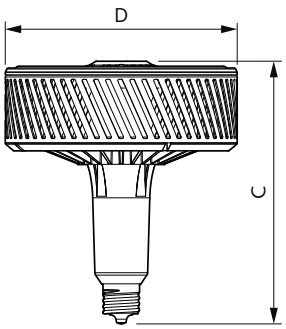
Product Data	
Order product name	145HB/LED/850/D WB UDL BB G2 4/1
Full product name	145HB/LED/850/D WB UDL BB G2 4/1
Order code	929002496304
Material Nr. (12NC)	929002496304
Numerator - Quantity Per Pack	1

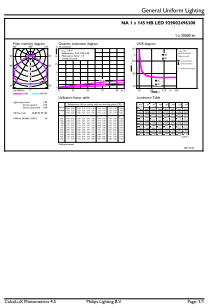
EAN/UPC - Product/Case	046677563967
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677563962

Dimensional drawing

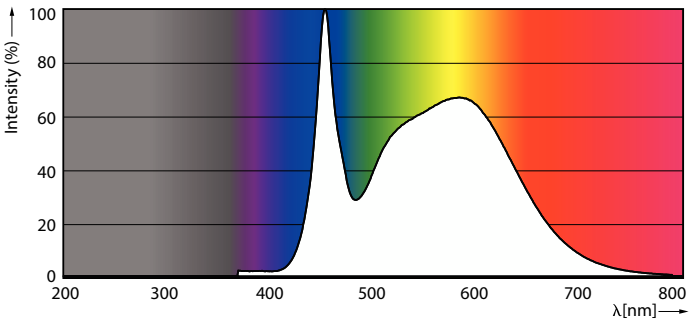


Product	D	C
145HB/LED/850/D WB UDL BB G2 4/1	250 mm	295 mm

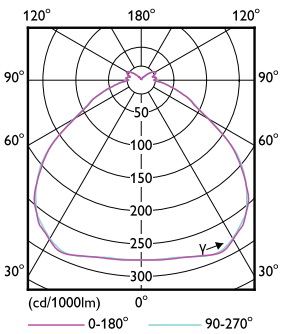
Photometric data



General uniform lighting - 145HB/LED/850/D WB UDL BB G2 4/1



Spectral Power Distribution Colour - 145HB/LED/850/D WB UDL BB G2 4/1



Light Distribution Diagram - 145HB/LED/850/D WB UDL BB G2 4/1

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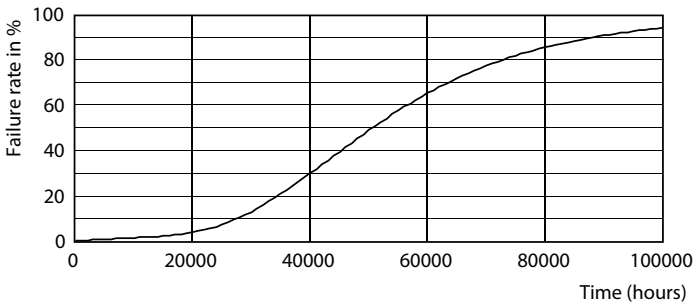
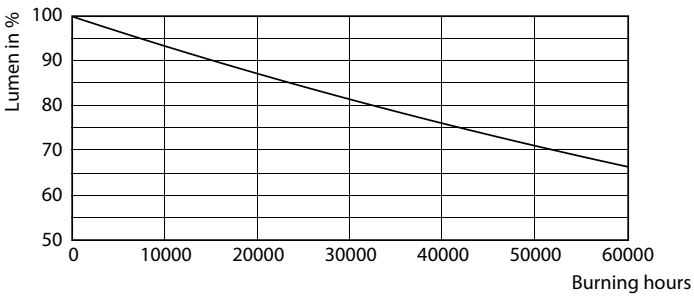
Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 145HB/LED/850/D WB UDL BB G2 4/1

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