



# LED Highbay

## 145HB/LED/850/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		Power Factor (Fraction)	
Cap-Base	EX39 [Exclusionary Mogul Screw]		0.9
Nominal lifetime	50,000 hour(s)	Voltage (Nom)	120-277 V
Switching Cycle	50,000	UL Type	HIB_UL Type B (UL Listed+Classified)
Lighting Technology	LED	<b>Temperature</b>	
		T-Case Maximum (Nom)	60 °C
		<b>Controls and Dimming</b>	
		Dimmable	Only with specific dimmers
		<b>Mechanical and Housing</b>	
		Bulb Finish	Clear
		Bulb Material	Plastic
		Bulb Shape	Others
		Net Weight (Piece)	1.250 kg
		<b>Approval and Application</b>	
		EU RoHS compliant	Yes
		Ambient temperature range	-20 °C to 45 °C
		<b>Application Conditions</b>	
		can it be used in closed luminaires	Yes
<b>Light Technical</b>			
Color Code	850 [CCT of 5000K]		
Beam Angle (Nom)	60 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 %		
<b>Operating and Electrical</b>			
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		

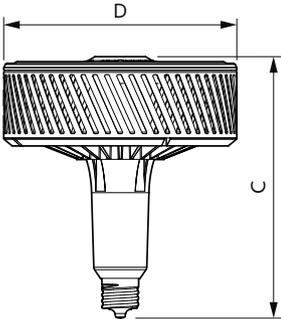
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## Product Data

Order product name	145HB/LED/850/D NB DL BB G2 4/1
Full product name	145HB/LED/850/D NB DL BB G2 4/1
Order code	929002496204
Material Nr. (12NC)	929002496204
Numerator - Quantity Per Pack	1

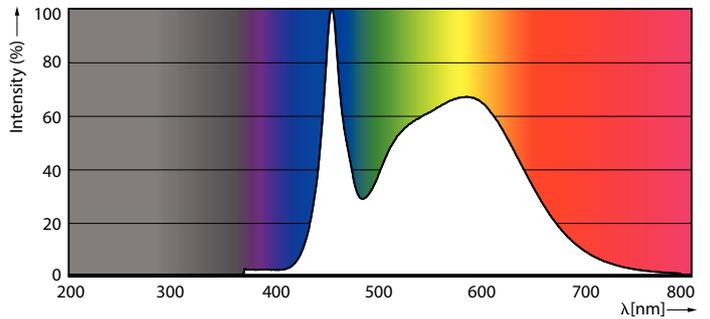
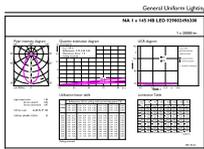
EAN/UPC - Product/Case	046677563950
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677563955

## Dimensional drawing



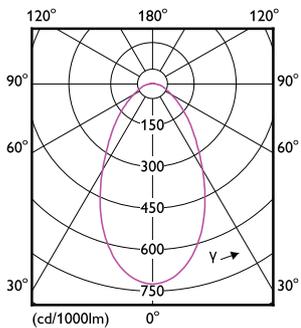
Product	D	C
145HB/LED/850/D NB DL BB G2 4/1	250 mm	285 mm

## Photometric data



General uniform lighting - 145HB/LED/850/D NB DL BB G2 4/1

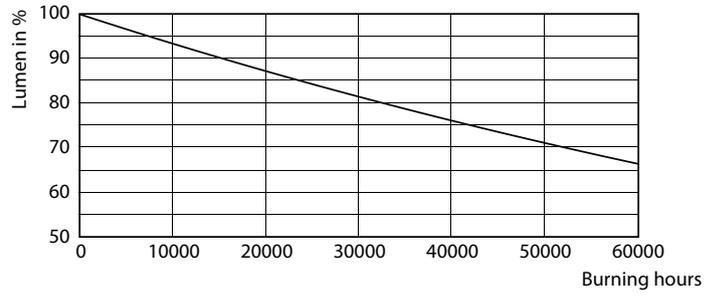
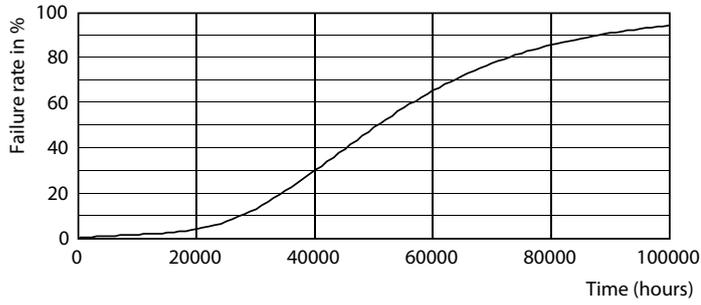
Spectral Power Distribution Colour - 145HB/LED/850/D NB DL BB G2 4/1



Light Distribution Diagram - 145HB/LED/850/D NB DL BB G2 4/1

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## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 145HB/LED/850/D NB DL BB G2 4/1

