



# LED Highbay

## 45HB/LED/850/ND FB 6/1

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	E26 [Single Contact Medium Screw]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	4,800 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	106.00 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	45 W
Lamp Current (Nom)	400 mA
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	120 V
UL Type	Type B - bypass the ballast

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	64.5 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	T-shape

Approval and Application	
Energy Consumption kWh/1000 h	- kWh

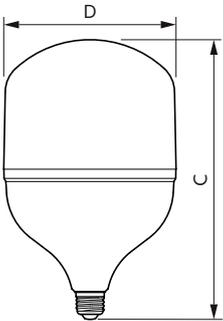
Product Data	
Order product name	45HB/LED/850/ND FB 6/1
Full product name	45HB/LED/850/ND FB 6/1
Order code	929001990204

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Material Nr. (12NC)	929001990204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677541972
Numerator - Packs per outer box	6

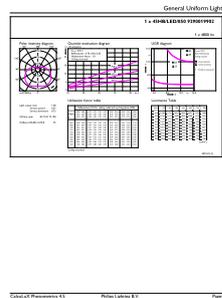
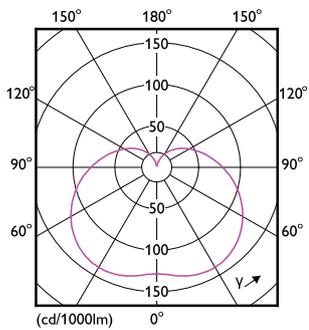
EAN/UPC - Case	50046677541977
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## Dimensional drawing



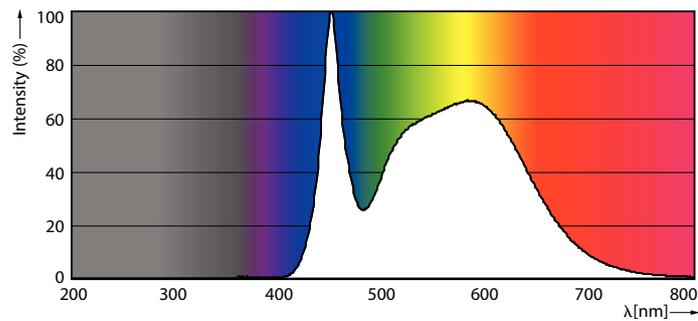
Product	D	C
45HB/LED/850/ND FB 6/1	160 mm	264 mm

## Photometric data



Light Distribution Diagram - 45HB/LED/850/ND FB 6/1

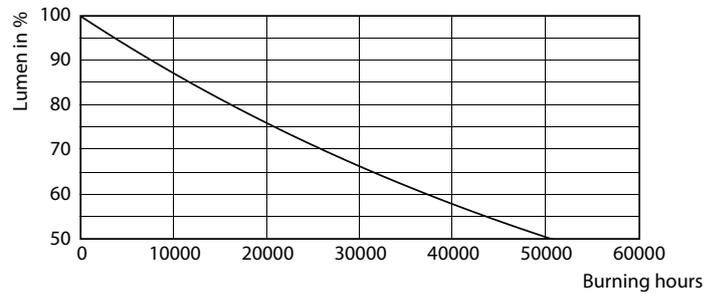
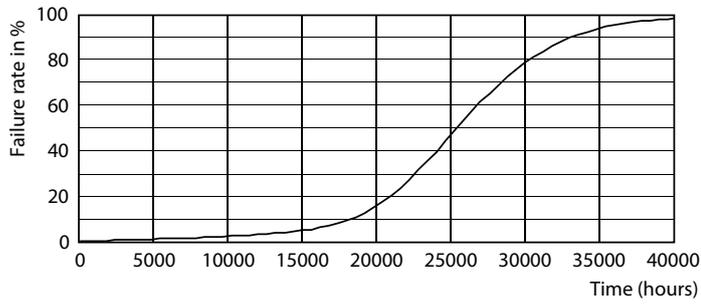
General uniform lighting - 45HB/LED/850/ND FB 6/1



Spectral Power Distribution Colour - 45HB/LED/850/ND FB 6/1

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## Lifetime



Life Expectancy Diagram - 45HB/LED/850/ND FB 6/1

Lumen Maintenance Diagram - 45HB/LED/850/ND FB 6/1

