



# **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

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

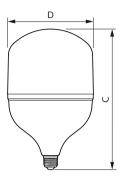
Starting Time (Nom)

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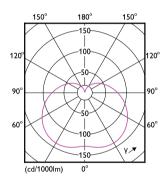
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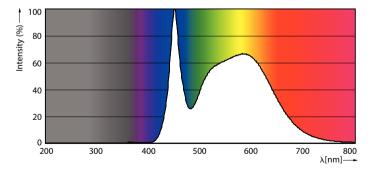
### Dimensional drawing



#### Photometric data

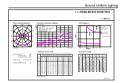


Light Distribution Diagram - 45HB/LED/850/ND FB 6/1



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

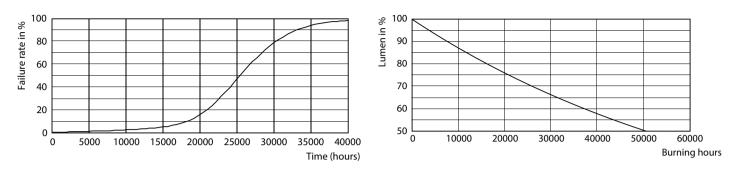
Product	D	c
45HB/LED/850/ND FB 6/1	160 mm	264 mm



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

# **LED Highbay**

#### Lifetime



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

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



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