



# **LED Highbay**

# 65HB/LED/850/ND FB 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	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)	240 degree(s)
Luminous Flux	7,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	107.00 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	65 W
Lamp Current (Nom)	545 mA
Starting Time (Nom)	0.5 s

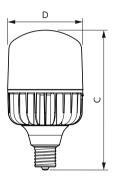
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
UL Type	Type B - bypass the ballast		
Temperature			
T-Case Maximum (Nom)	98 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Bulb Shape	T-shape		
Approval and Application			
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	65HB/LED/850/ND FB 4/1		
Full product name	65HB/LED/850/ND FB 4/1		
Order code	542290		
Material Nr. (12NC)	929001990304		

Datasheet, 2023, May 15 data subject to change

# **LED Highbay**

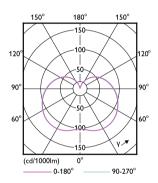
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677542290
Numerator - Packs per outer box	4

## Dimensional drawing

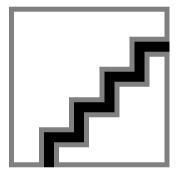


Product	D	С
65HB/LED/850/ND FB 4/1	141 mm	267 mm

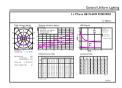
## Photometric data



Light Distribution Diagram - 65HB/LED/850/ND FB 4/1



Spectral Power Distribution Colour - 65HB/LED/850/ND FB 4/1

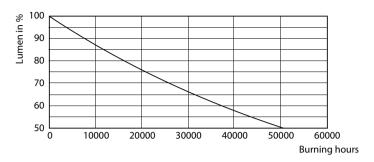


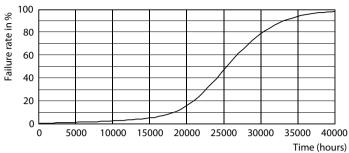
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General uniform lighting - 65HB/LED/850/ND FB 4/1

## **LED Highbay**

## Lifetime





Lumen Maintenance Diagram - 65HB/LED/850/ND FB 4/1

Life Expectancy Diagram - 65HB/LED/850/ND FB 4/1



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