PHILIPS Lighting



LED Highbay

65HB/LED/840/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 LED	
Lighting Technology		
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	240 degree(s)	
Luminous Flux	7,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 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

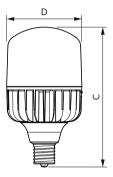
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
UL Type	Type B - bypass the ballast		
Temperature			
T-Case Maximum (Nom)	208 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Bulb Shape	T-shape		
Approval and Application			
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	65HB/LED/840/ND FB 4/1		
Full product name	65HB/LED/840/ND FB 4/1		
Order code	542308		
Material Nr. (12NC)	929001993004		

LED Highbay

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677542306
Numerator - Packs per outer box	4

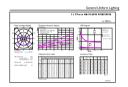
EAN/UPC - Case	50046677542301

Dimensional drawing

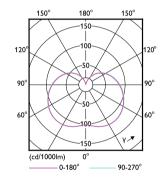


Product	D	с	
65HB/LED/840/ND FB 4/1	5-9/16 inch	10-9/16 inch	

Photometric data

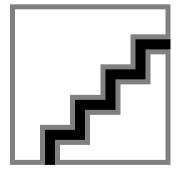


Philps Lighting B.V.



General uniform lighting - 65HB/LED/840/ND FB 4/1

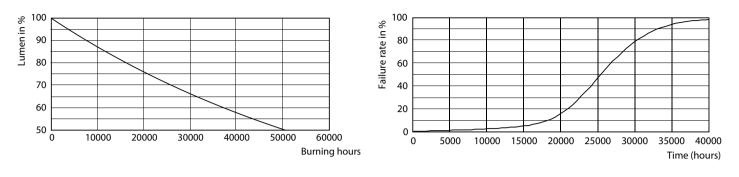
Light Distribution Diagram - 65HB/LED/840/ND FB 4/1



Spectral Power Distribution Colour - 65HB/LED/840/ND FB 4/1

LED Highbay

Lifetime



Lumen Maintenance Diagram - 65HB/LED/840/ND FB 4/1

Life Expectancy Diagram - 65HB/LED/840/ND FB 4/1



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