



LED Highbay

38HB/LED/830/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	830 [CCT of 3000K]	
Beam Angle (Nom)	200 degree(s)	
Luminous Flux	3,500 lm	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	92.00 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	38 W	
Lamp Current (Nom)	320 mA	
Wattage Equivalent	85 W	

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	
T-Case Maximum (Nom)	90 °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	38HB/LED/830/ND FB 6/1
Full product name	38HB/LED/830/ND FB 6/1
Order code	929001989704

Datasheet, 2023, November 12 data subject to change

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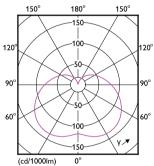
Material Nr. (12NC)	929001989704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677541927
Numerator - Packs per outer box	6

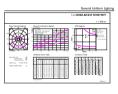
EAN/UPC - Case	50046677541922
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Dimensional drawing

Product	D	С
38HB/LED/830/ND FB 6/1	138 mm	238 mm

Photometric data

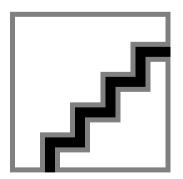




1/1000lm) 0°

Light Distribution Diagram - 38HB/LED/830/ND FB 6/1

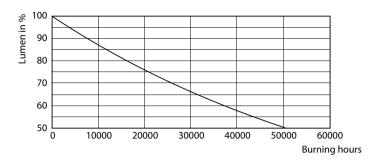
General uniform lighting - 38HB/LED/830/ND FB 6/1



Spectral Power Distribution Colour - 38HB/LED/830/ND FB 6/1

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Lifetime



Life Expectancy Diagram - 38HB/LED/830/ND FB 6/1

Lumen Maintenance Diagram - 38HB/LED/830/ND FB 6/1



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