



# **LED Highbay**

## 165HB/LED/850/D NB DL BB G2 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	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Light Technical		
Color Code	850 [CCT of 5000K]	
Beam Angle (Nom)	60 degree(s)	
Luminous Flux	25,000 lm	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 K	
Luminous Efficacy (rated) (Nom)	151.00 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	165 W
Lamp Current (Nom)	1,650 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

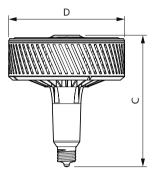
Power Factor (Fraction)	0.9	
Voltage (Nom)	120-277 V	
UL Type	HIB_UL Type B (UL Listed+Classified)	
Temperature		
T-Case Maximum (Nom)	58 °C	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	Others	
Net Weight (Piece)	1.250 kg	
Approval and Application		
EU RoHS compliant	Yes	
Ambient temperature range	-20 °C to 45 °C	
Application Conditions		
can it be used in closed luminaires	Yes	

## **LED Highbay**

Product Data		
Order product name	165HB/LED/850/D NB DL BB G2 4/1	
Full product name	165HB/LED/850/D NB DL BB G2 4/1	
Order code	929002496604	
Material Nr. (12NC)	929002496604	
Numerator - Quantity Per Pack	1	

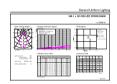
EAN/UPC - Product/Case	046677563998	
Numerator - Packs per outer box	4	
EAN/UPC - Case	50046677563993	

#### Dimensional drawing

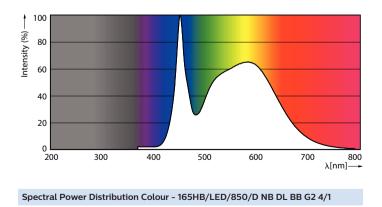


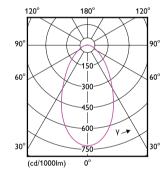
Product	D	с
165HB/LED/850/D NB DL BB G2 4/1	250 mm	285 mm

#### Photometric data



General uniform lighting - 165HB/LED/850/D NB DL BB G2 4/1

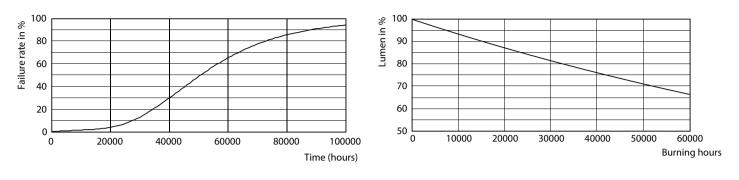




Light Distribution Diagram - 165HB/LED/850/D NB DL BB G2 4/1

### **LED Highbay**

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 165HB/LED/850/D NB DL BB G2 4/1



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