



LED Highbay

165HB/LED/840/ND NB UDL 2/1

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

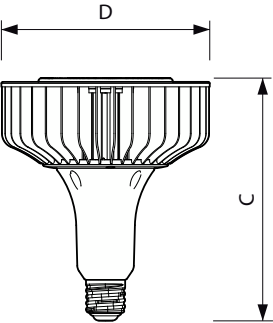
General Information	
Cap-Base	EX39 [Exclusionary Mogul Screw]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	19,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115.15 lm/W
Color Consistency	ANSI 4000K
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)	3,650 mA
Wattage Equivalent	400 W

Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.6
UL Type	Type A - works on ballast
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	165HB/LED/840/ND NB UDL 2/1
Full product name	165HB/LED/840/ND NB UDL 2/1
Order code	465658
Material Nr. (12NC)	929001265304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677465650

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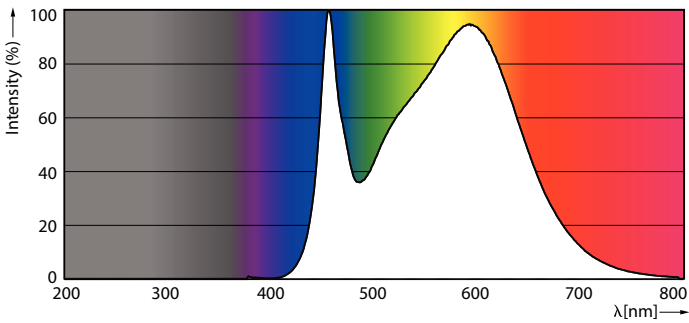
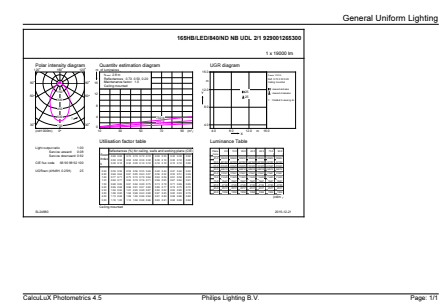
Numerator - Packs per outer box	2
EAN/UPC - Case	50046677465655

Dimensional drawing



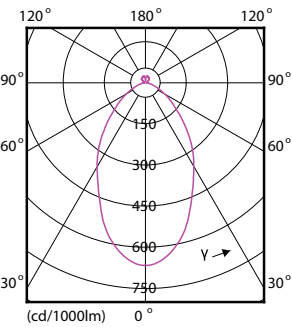
Product	D	C
165HB/LED/840/ND NB UDL 2/1	209.7 mm	245.7 mm

Photometric data



General uniform lighting - 165HB/LED/840/ND NB UDL 2/1

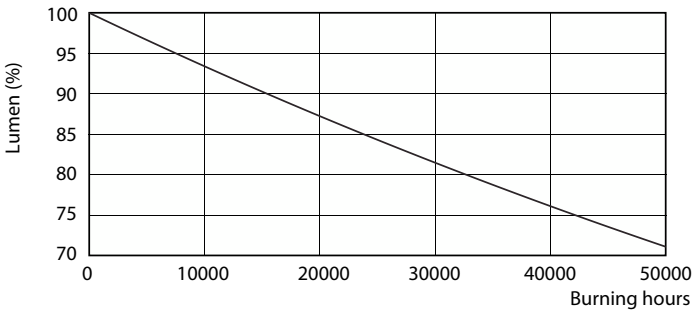
Spectral Power Distribution Colour - 165HB/LED/840/ND NB UDL 2/1



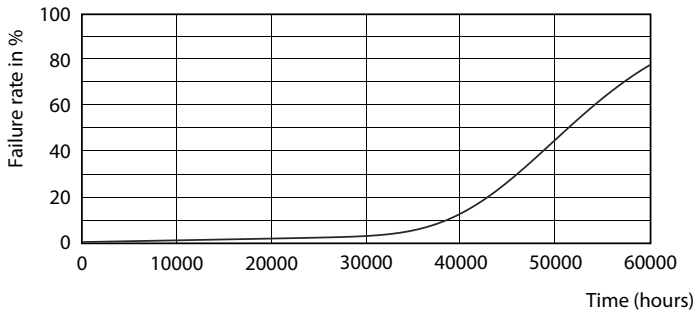
Light Distribution Diagram - 165HB/LED/840/ND NB UDL 2/1

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Lifetime



Lumen Maintenance Diagram - 165HB/LED/840/ND NB UDL 2/1



Life Expectancy Diagram - 165HB/LED/840/ND NB UDL 2/1

