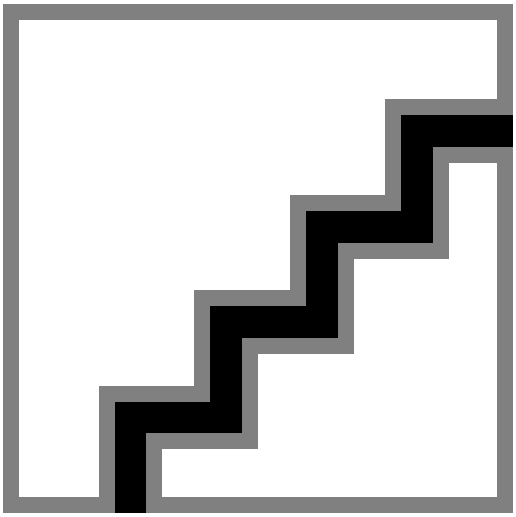


LED Highbay

100HB/LED/740/ND WB DL BB 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	740 [CCT of 4000K]
Beam Angle (Nom)	130 degree(s)
Luminous Flux	12,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
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	100 W
Lamp Current (Nom)	850 mA
Wattage Equivalent	250 W
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)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	Others

Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

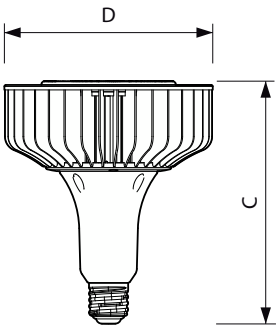
Product Data	
Order product name	100HB/LED/740/ND WB DL BB 2/1
Full product name	100HB/LED/740/ND WB DL BB 2/1
Order code	929001851404
Material Nr. (12NC)	929001851404

LED Highbay

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677478001
Numerator - Packs per outer box	2

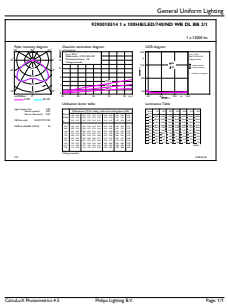
EAN/UPC - Case	50046677478006

Dimensional drawing

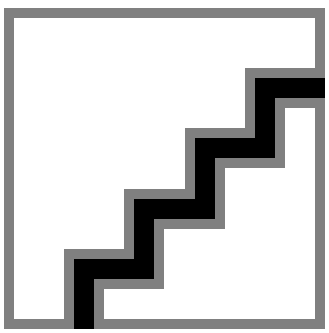


Product	D	C
100HB/LED/740/ND WB DL BB 2/1	211 mm	252 mm

Photometric data



Light Distribution Diagram - 100HB/LED/740/ND WB DL BB 2/1

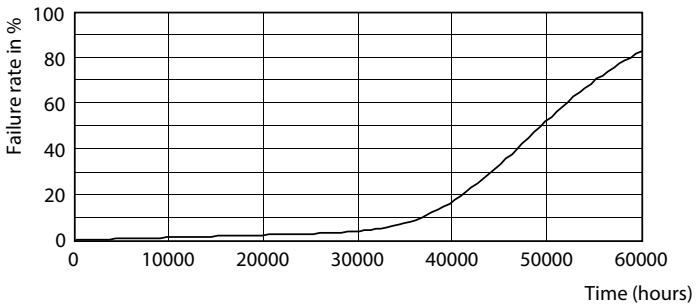


Spectral Power Distribution Colour - 100HB/LED/740/ND WB DL BB 2/1

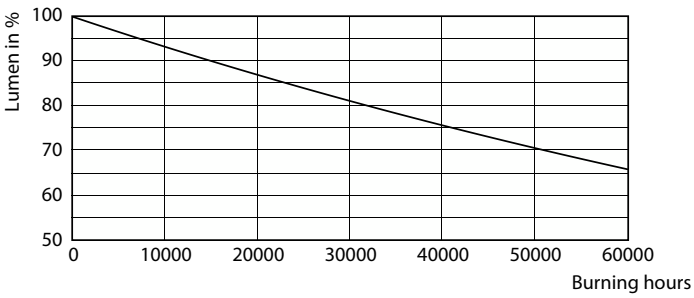
General uniform lighting - 100HB/LED/740/ND WB DL BB 2/1

LED Highbay

Lifetime



Life Expectancy Diagram - 100HB/LED/740/ND WB DL BB 2/1



Lumen Maintenance Diagram - 100HB/LED/740/ND WB DL BB 2/1

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