



165HB/MAS/850/D WB
UDL BB G2 4/1

929002496704



MASTER, LED Highbay, Highbay, Mains only, 165 W,
HPS 400W, EX39, 5000 K, 25000 lm, 50000 hour(s)

MASTER, LED Highbay, Highbay, Mains only, 165 W, EX39, 5000 K, 25000 lm, 50000 hour(s),
151.00 lm/W, Plastic

General Information

Cap-Base	EX39
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED Highbay
Warranty period	5 years

Light Technical

Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	120 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)
Wattage Equivalent (LED HID only)	HPS 400W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	58 °C
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Highbay
Net Weight (Piece)	1.250 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	165 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

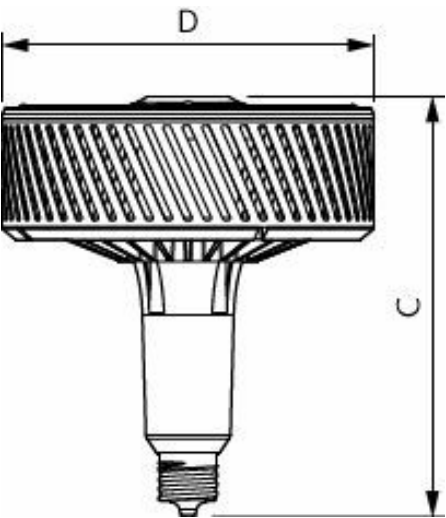
Application Conditions

can it be used in closed luminares	Yes
Wireless Technology	Not applicable

Product Data

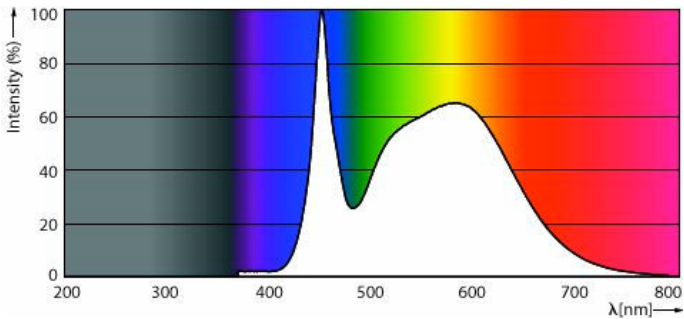
Order product name	165HB/MAS/850/D WB UDL BB G2 4/1
Full product name	165HB/MAS/850/D WB UDL BB G2 4/1
Order code	929002496704
Material Nr. (12NC)	929002496704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564001
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677564006

Dimensional drawing

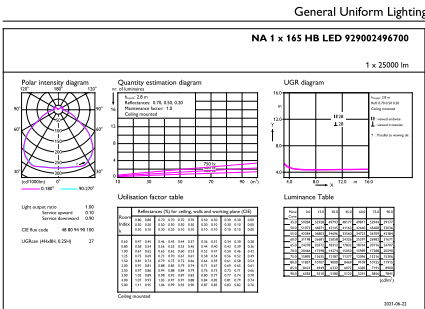


Product	D	C
165HB/MAS/850/D WB UDL BB G2 4/1	250 mm	295 mm

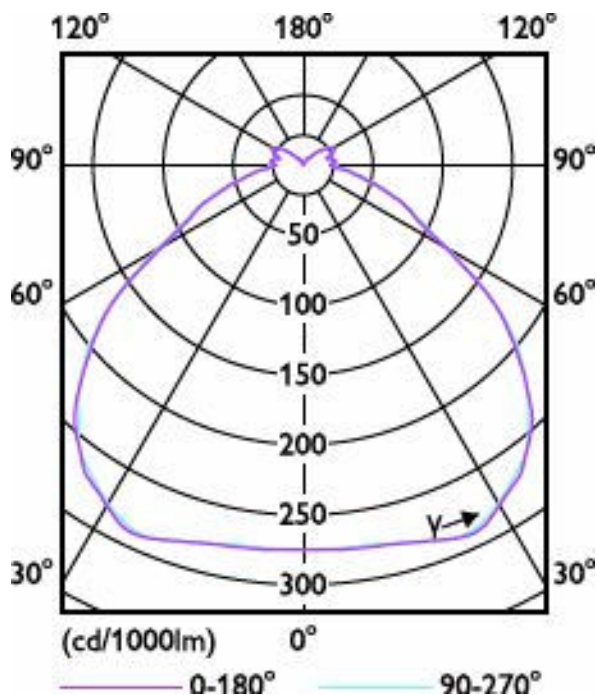
Photometric data



Spectral Power Distribution Colour - 165HB/MAS/850/D WB UDL BB G2 4/1

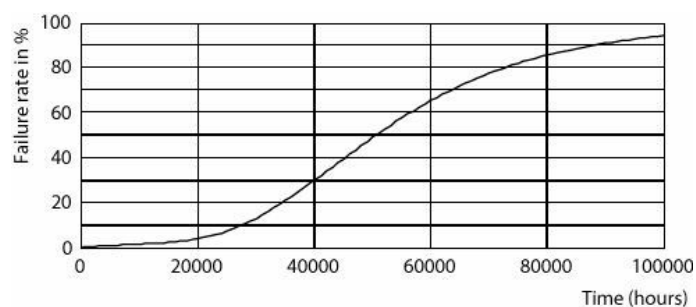


General uniform lighting - 165HB/MAS/850/D WB UDL BB G2 4/1

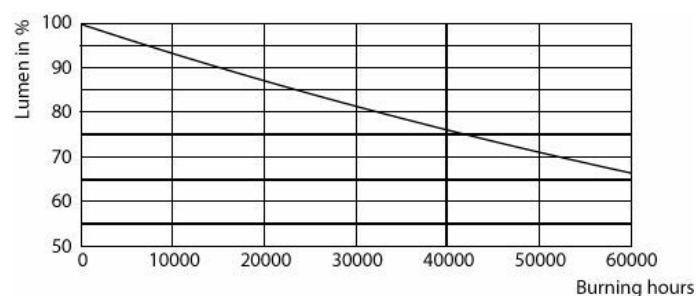


Light Distribution Diagram - 165HB/MAS/850/D WB UDL BB G2
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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 165HB/MAS/850/D WB UDL BB
G2 4/1

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-LED-Highbay-COMF-7404055-Ref-929002496304.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	LEDForce_HB_165W_Others_EX39_850_120D-IES.IES	Download 