



LED Highbay

165HB/MAS/850/D NB DL BB G2 4/1

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

Product data

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)	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

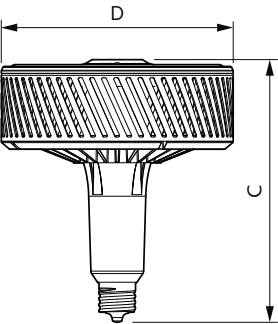
Power Consumption	165 W
Lamp Current (Nom)	1,650 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Wattage Equivalent (LED HID only)	HPS 400W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	136 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Highbay

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Net Weight (Piece)	2.756 lb
Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	165 kWh
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

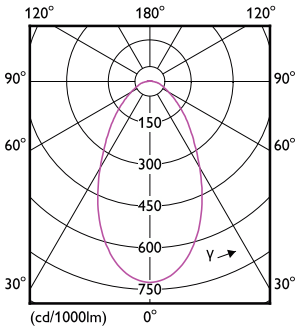
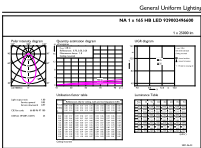
Product Data	
Order product name	165HB/MAS/850/D NB DL BB G2 4/1
Full product name	165HB/MAS/850/D NB DL BB G2 4/1
Order code	563998
Material Nr. (12NC)	929002496604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563998
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677563993

Dimensional drawing



Product	D	C
165HB/MAS/850/D NB DL BB G2 4/1	9-7/8 inch	11-1/4 inch

Photometric data

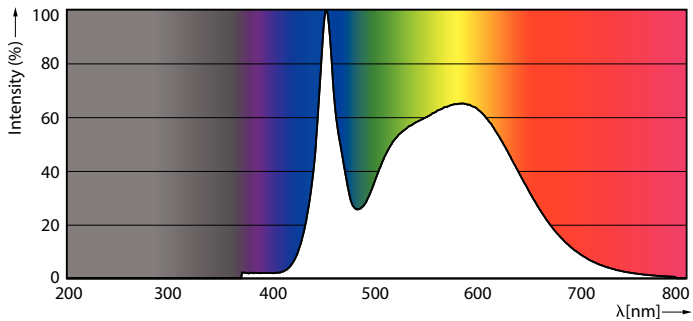


General uniform lighting - 165HB/MAS/850/D NB DL BB G2 4/1

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

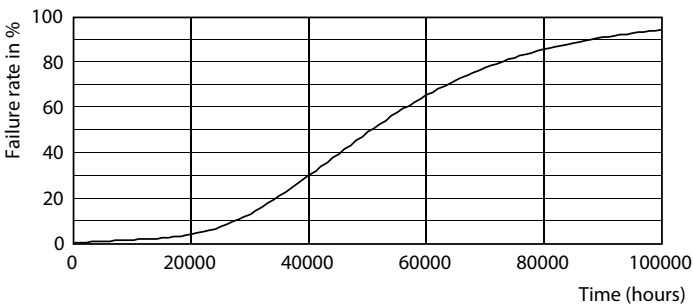
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Photometric data

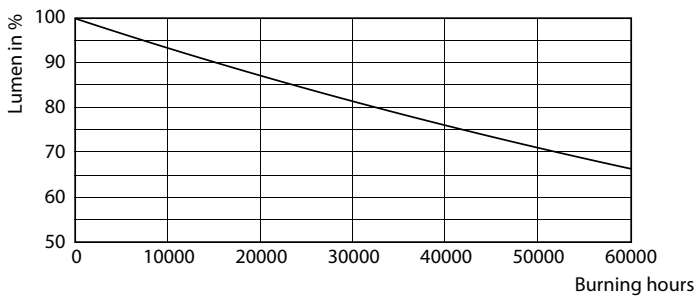


Spectral Power Distribution Colour - 165HB/MAS/850/D NB DL BB G2 4/1

Lifetime



Life Expectancy Diagram



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

