



LED Highbay

165HB/MAS/840/D WB UDL BB G2 4/1

MASTER, LED Highbay, Highbay, Mains only, 165 W, HPS 400W, EX39, 4000 K, 25000 lm, 50000 hour(s)

MASTER, LED Highbay, Highbay, Mains only, 165 W, EX39, 4000 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	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	25,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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

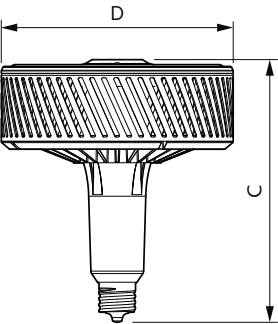
Power Consumption	165 W
Lamp Current (Nom)	1,650 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Wattage Equivalent (LED HID only)	HPS 400W
Ballast Compatibility	Mains only
Temperature	
T-Case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

LED Highbay

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

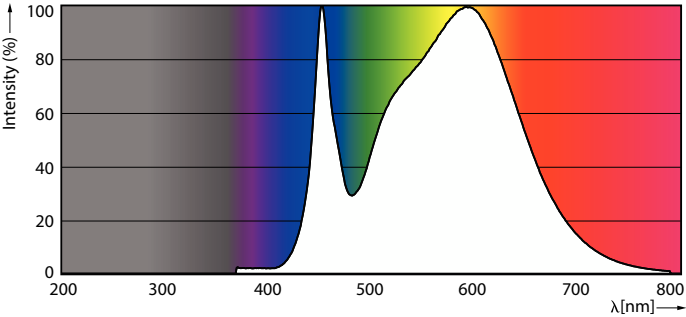
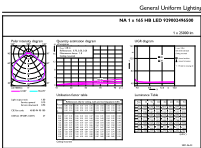
Product Data	
Order product name	165HB/MAS/840/D WB UDL BB G2 4/1
Full product name	165HB/MAS/840/D WB UDL BB G2 4/1
Order code	563980
Material Nr. (12NC)	929002496504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563981
Numerator - Packs per outer box	4
EAN/UPC - Case	50046677563986

Dimensional drawing



Product	D	C
165HB/MAS/840/D WB UDL BB G2 4/1	9-7/8 inch	11-5/8 inch

Photometric data

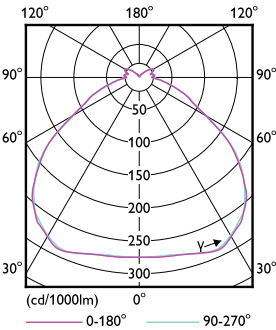


General uniform lighting - 165HB/MAS/840/D WB UDL BB G2 4/1

Spectral Power Distribution Colour - 165HB/MAS/840/D WB UDL BB G2 4/1

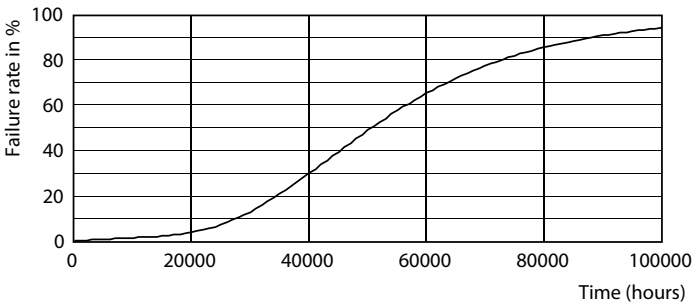
LED Highbay

Photometric data

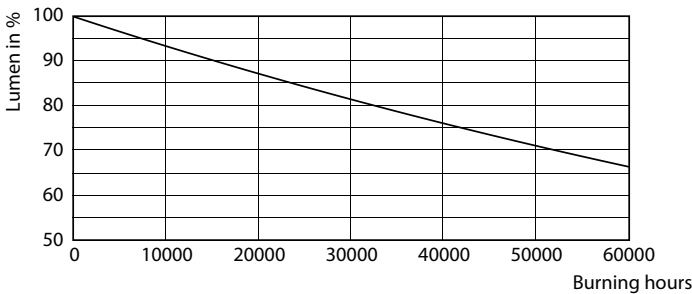


Light Distribution Diagram - 165HB/MAS/840/D WB UDL BB G2 4/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 165HB/MAS/840/D WB UDL BB G2 4/1

