



TrueForce LED Industrial and Retail (Highbay – MH)

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

Philips TrueForce LED Industrial and Retail (Highbay – MH) lamps give you a quick and easy payback solution to replace HID lamps in Highbay applications. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. Lamp design enables directly retrofitting of HID lamps with TrueForce LED lamps without changing the fixtures or gear. The lamp is compatible with both 250W and 400W gears maximizing feasibility of such retrofits. Ignitor smart logic eliminates ignitor failure and continued ignition which may generate overheat and EMI risks. Multiple beam angle options and high color rendering index enhance the lighting distribution while creating a comfortable, safe and highly productivity environment.

Product data

General Information	
Cap-Base	EX39 [Exclusionary Mogul Screw]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	165-400W
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	60 °
Initial lumen (Nom)	19000 lm
Luminous Flux (Rated) (Nom)	19000 lm
Color Designation	Cool White (CW)

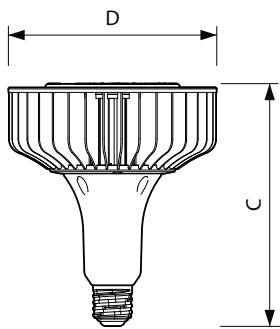
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	115.15 lm/W
Color Consistency	ANSI 4000K
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	165 W
Lamp Current (Nom)	3650 mA
Wattage Equivalent	400 W
Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.6
Voltage (Nom)	/ V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No

Product Data	
Order product name	165HB/LED/840/ND NB UDL 2/1
EAN/UPC - Product	046677465650
Order code	465658
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001265304
Net Weight (Piece)	1.300 kg

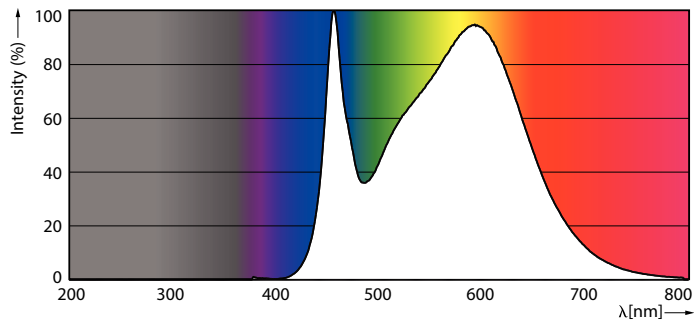
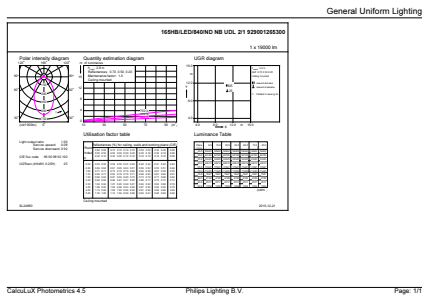
Dimensional drawing



Bulb 135W-400W 16000lm 60D 4000K E39XND

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

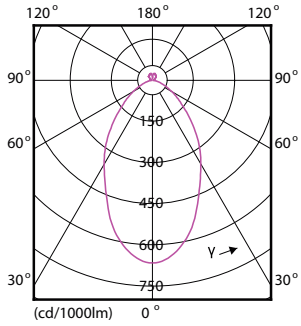
Photometric data



NAM Highbay 165W EX39 4000K 60-120D NB WB UDL

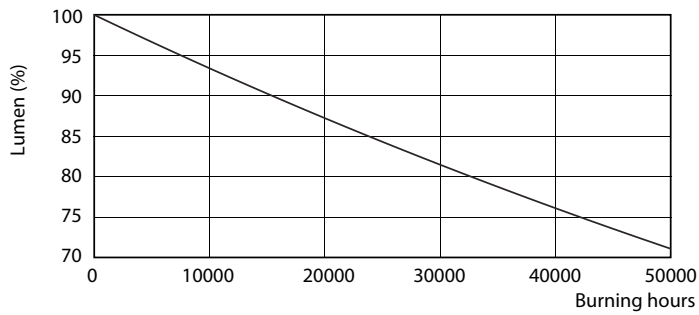
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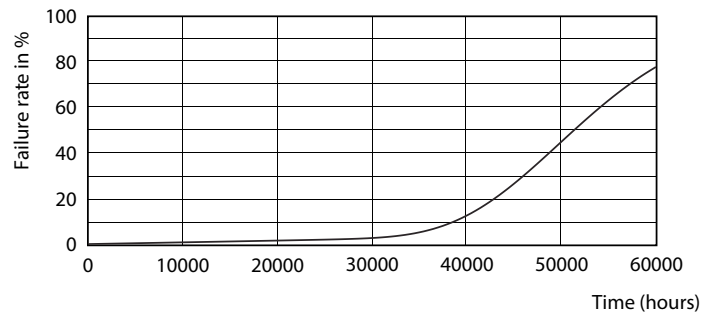


NAM Highbay 165W EX39 4000K 60D NB UDL

Lifetime



NAM Highbay 165W EX39 4000K 60-120D DL UDL



NAM Highbay 165W EX39 4000K 60-120D DL UDL

