



# TrueForce LED Industrial and Retail (Highbay – MH)

## 165HB/LED/840/ND WB 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

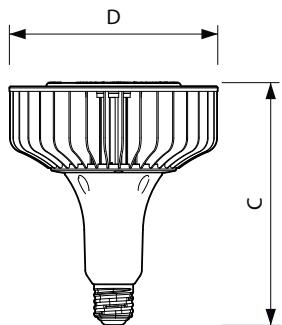
General Information		Operating and Electrical	
Cap-Base	EX39 [ Exclusionary Mogul Screw]	Correlated Color Temperature (Nom)	4000 K
Nominal Lifetime (Nom)	50000 h	Luminous Efficacy (Rated) (Nom)	115.15 lm/W
Switching Cycle	50000X	Color Consistency	ANSI 4000K
Technical Type	165-400W	Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	841 [ CCT of 4100K (841)]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	120 °	Power (Rated) (Nom)	165 W
Initial lumen (Nom)	19000 lm	Lamp Current (Nom)	3650 mA
Luminous Flux (Rated) (Nom)	19000 lm	Wattage Equivalent	400 W
Color Designation	Cool White (CW)	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
<b>Temperature</b>	
T-Case Maximum (Nom)	85 °C
<b>Controls and Dimming</b>	
Dimmable	No

<b>Product Data</b>	
Order product name	165HB/LED/840/ND WB UDL 2/1
EAN/UPC - Product	046677465674
Order code	465674
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001265504
Net Weight (Piece)	1.300 kg

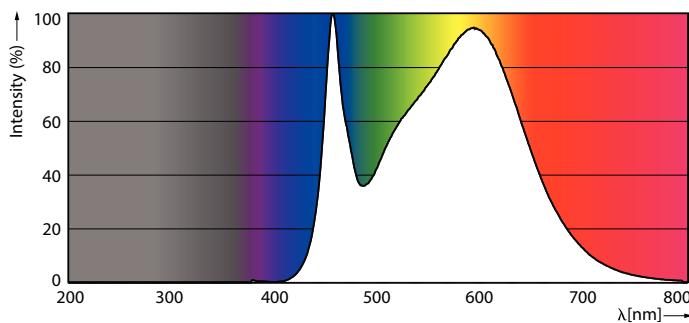
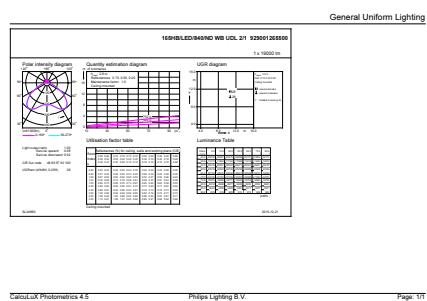
## Dimensional drawing



Bulb 135W-400W 16000lm 120D 4000K E39XND

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

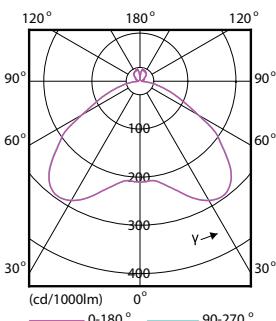
## Photometric data



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

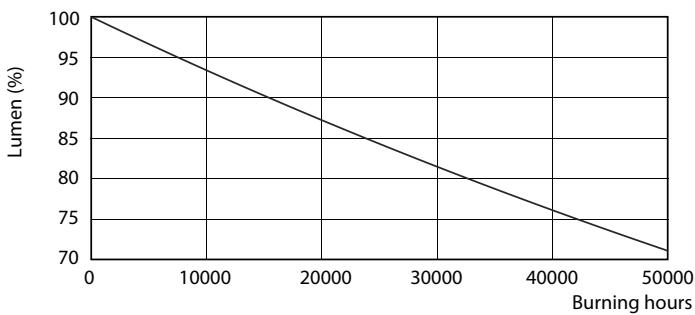
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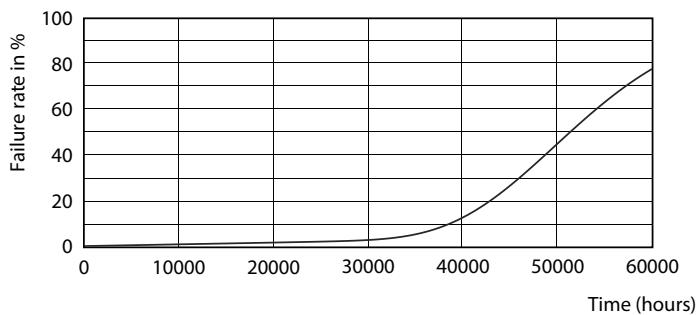


NAM Highbay 165W EX39 4000K 120D WB UDL

## Lifetime



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



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