



TrueForce LED Industrial and Retail (Highbay – MH)

165HB/LED/740/ND NB DL 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	740 [CCT of 4000K]	
Beam Angle (Nom)	60 °	
Initial lumen (Nom)	20000 lm	
Luminous Flux (Rated) (Nom)	20000 lm	
Color Designation	Cool White (CW)	

Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (Rated) (Nom)	121.21 lm/W	
Color Consistency	ANSI 4000K	
Color Rendering Index (Nom)	70	
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	

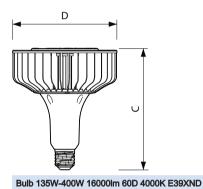
Datasheet, 2017, October 25 data subject to change

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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	

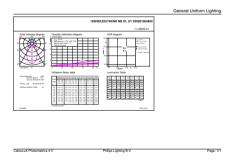
Product Data		
Order product name	165HB/LED/740/ND NB DL 2/1 046677465605	
EAN/UPC - Product		
Order code	465609	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	
Material Nr. (12NC)	929001264804	
Net Weight (Piece)	1.300 kg	

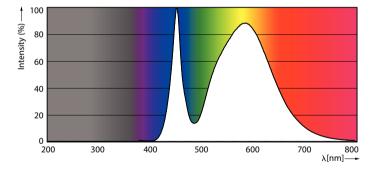
Dimensional drawing



Product	D	C
165HB/LED/740/ND NB DL 2/1	209.7 mm	245.7 mm

Photometric data

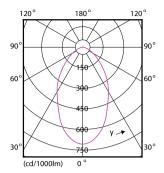




NAM Highbay 165W EX39 4000K 60-120D NB WB DL

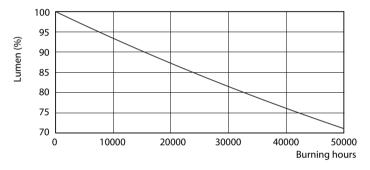
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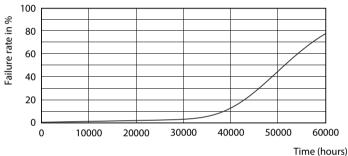
Photometric data



NAM Highbay 165W EX39 4000K 60D NB DL

Lifetime





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

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

