



A simple LED solution for direct HID lamp replacement with instant saving and low initial cost

TrueForce LED Industrial and Retail (Highbay – MH)

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 overheating 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.

Beneficios

- Cost saving with quick payback
- Easy adoption
- Low initial investment

Características

- High energy efficiency with directional light
- Long lifetime 50,000hrs
- Direct lamp replacement solution without changing the fixture or gear
- Compatible with both 250W and 400W gear systems
- 2 beam angles selection and Up+Down or Down light options

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Aplicaciones

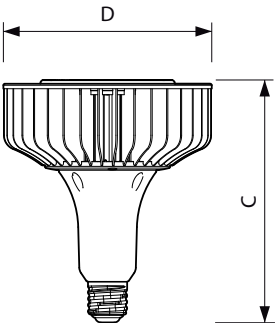
- Industrial - factories, warehouses, distribution centres
- Retail - Hyper markets, shopping malls
- Others - Transportation hubs, convention centres, sports halls

Versions



EX39 Others

Plano de dimensiones



Product	D	C
165HB/LED/740/ND WB DL 2/1	209.7 mm	245.7 mm
165HB/LED/740/ND NB DL 2/1	209.7 mm	245.7 mm
165HB/LED/840/ND WB UDL 2/1	209.7 mm	245.7 mm
165HB/LED/840/ND NB UDL 2/1	209.7 mm	245.7 mm

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Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	1 V
Wattage Equivalent	400 W
Power (Rated) (Nom)	165 W
Starting Time (Nom)	0.5 s

General Information

Cap-Base	EX39
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X

Light Technical

Correlated Color Temperature (Nom)	4000 K
Lmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	Others
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Temperature

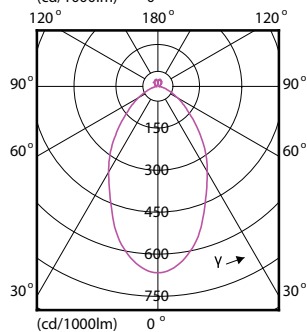
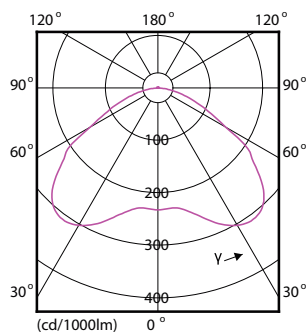
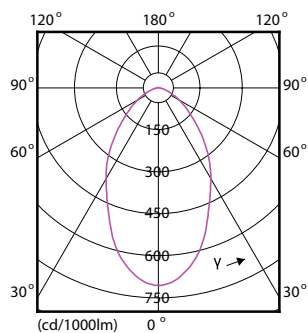
T-Case Maximum (Nom)	85 °C
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Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Color Rendering Index (Nom)	Luminous Flux (Nom)
465609	165HB/LED/740/ND NB DL 2/1	60 °	740	70	20000 lm
465625	165HB/LED/740/ND WB DL 2/1	120 °	740	70	20000 lm
465658	165HB/LED/840/ND NB UDL 2/1	60 °	841	80	19000 lm
465674	165HB/LED/840/ND WB UDL 2/1	120 °	841	80	19000 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
465609	165HB/LED/740/ND NB DL 2/1	20000 lm
465625	165HB/LED/740/ND WB DL 2/1	20000 lm
465658	165HB/LED/840/ND NB UDL 2/1	19000 lm
465674	165HB/LED/840/ND WB UDL 2/1	19000 lm



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