



Instant retrofit, instant savings

LED Highbay

Philips LED high bay lamps are a direct replacement for 250W to 400W metal halide lamps which will deliver substantial energy savings. Philips LED HighBays delivers bright, clean light for a fraction of the energy used by conventional HID.

Benefits

- Energy savings of >50%
- Direct lamp replacement without a ballast or fixture change (UL Type A)
- Operates on 400W, 320W and 250W ballasts

Features

- Standard EX39 base to replace metal halide lamps
- Works on probe and pulse start ballasts (Type A only)
- Available with 1000 lumens of "up-light" to fully illuminate fixtures (Type A only)
- Upto 5-year limited warranty
- Two beam options, wide or narrow available
- Surge 6KV

Application

- Warehouses, Industrial & Retail
- Gymnasiums

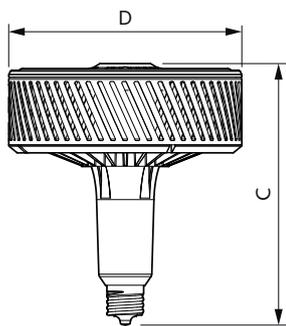
LED Highbay

Versions



LEDTForce Others EX39

Dimensional drawing



Product	D	C
145HB/LED/840/D WB UDL BB G2 4/1	250 mm	295 mm
145HB/LED/850/D WB UDL BB G2 4/1	250 mm	295 mm
165HB/LED/850/D WB UDL BB G2 4/1	250 mm	295 mm

LED Highbay

General Information

Cap-Base	EX39
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)

Light Technical

Beam Angle (Nom)	120 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Controls and Dimming

Dimmable	Only with specific dimmers
----------	----------------------------

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Highbay

Approval and Application

Ambient temperature range	-20 °C to 45 °C
---------------------------	-----------------

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002496104	145HB/LED/840/D WB UDL BB G2 4/1	4000 K	840	20,000 lm
929002496304	145HB/LED/850/D WB UDL BB G2 4/1	5000 K	850	20,000 lm
929002496704	165HB/LED/850/D WB UDL BB G2 4/1	5000 K	850	25,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002496104	145HB/LED/840/D WB UDL BB G2 4/1	145 W
929002496304	145HB/LED/850/D WB UDL BB G2 4/1	145 W

Order Code	Full Product Name	Power Consumption
929002496704	165HB/LED/850/D WB UDL BB G2 4/1	165 W

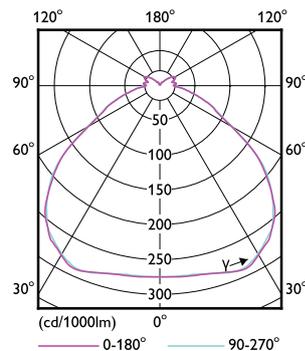
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002496104	145HB/LED/840/D WB UDL BB G2 4/1	60 °C
929002496304	145HB/LED/850/D WB UDL BB G2 4/1	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002496704	165HB/LED/850/D WB UDL BB G2 4/1	58 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
929002496104	145HB/LED/840/D WB UDL BB G2 4/1	145 kWh
929002496304	145HB/LED/850/D WB UDL BB G2 4/1	145 kWh
929002496704	165HB/LED/850/D WB UDL BB G2 4/1	165 kWh



LED Highbay

