



# 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. Available in both plug-and-play (UL Type A) and MainsFit (UL Type B) options, 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

### Application

- Warehouses, Industrial & Retail
- Gymnasiums

# LED Highbay

## Versions



EX39 Others



Single Contact Medium Screw T-shape Frosted



Single Contact Medium Screw T-shape Frosted

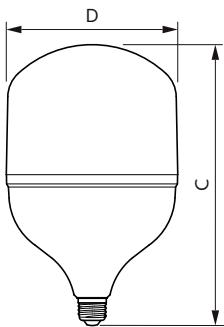


Single Contact Medium Screw T-shape Frosted



Exclusionary Mogul Screw T-shape Frosted

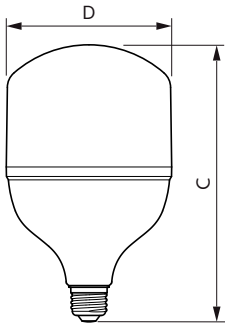
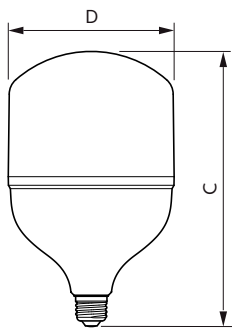
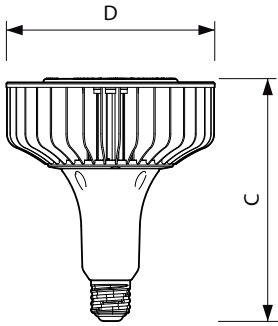
## Dimensional drawing



Product	D	C
45HB/LED/840/ND FB 6/1	160 mm	264 mm
45HB/LED/830/ND FB 6/1	160 mm	264 mm
45HB/LED/850/ND FB 6/1	160 mm	264 mm

# LED Highbay

## Dimensional drawing



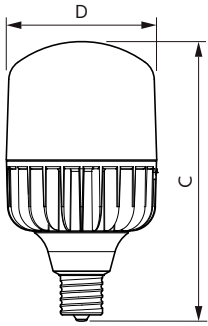
Product	D	C
165HB/LED/740/ND WB DL 2/1	209.7 mm	245.7 mm
150HB/LED/750/ND WB DL BB 2/1	211 mm	252 mm
150HB/LED/740/ND NB DL BB 2/1	211 mm	252 mm
150HB/LED/740/ND WB DL BB 2/1	211 mm	252 mm
150HB/LED/750/ND NB DL BB 2/1	211 mm	252 mm
125HB/LED/740/ND NB DL BB 2/1	211 mm	252 mm
100HB/LED/750/ND NB DL BB 2/1	211 mm	252 mm
125HB/LED/750/ND WB DL BB 2/1	211 mm	252 mm
100HB/LED/750/ND WB DL BB 2/1	211 mm	252 mm
100HB/LED/740/ND NB DL BB 2/1	211 mm	252 mm
125HB/LED/750/ND NB DL BB 2/1	211 mm	252 mm
125HB/LED/740/ND WB DL BB 2/1	211 mm	252 mm
100HB/LED/740/ND WB DL BB 2/1	211 mm	252 mm
165HB/LED/840/ND NB UDL 2/1	209.7 mm	245.7 mm
165HB/LED/840/ND WB UDL 2/1	209.7 mm	245.7 mm
165HB/LED/740/ND NB DL 2/1	209.7 mm	245.7 mm

Product	D	C
38HB/LED/840/ND FB 6/1	138 mm	238 mm
38HB/LED/850/ND FB 6/1	138 mm	238 mm
38HB/LED/830/ND FB 6/1	138 mm	238 mm

Product	D	C
25HB/LED/850/ND FB 6/1	118 mm	209 mm
25HB/LED/840/ND FB 6/1	118 mm	209 mm
25HB/LED/830/ND FB 6/1	118 mm	209 mm

# LED Highbay

## Dimensional drawing



Product	D	C
65HB/LED/840/ND FB 4/1	141 mm	267 mm
75HB/LED/840/ND FB 4/1	141 mm	267 mm
65HB/LED/850/ND FB 4/1	141 mm	267 mm
75HB/LED/850/ND FB 4/1	141 mm	267 mm

### Controls and Dimming

Dimmable	No
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### Operating and Electrical

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

### General Information

Switching Cycle	50000X
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### Light Technical

LLmf At End Of Nominal Lifetime (Nom)	70 %
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## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001264804	165HB/LED/740/ND NB DL 2/1	/ V	400 W	165 W
929001265004	165HB/LED/740/ND WB DL 2/1	/ V	400 W	165 W
929001265304	165HB/LED/840/ND NB UDL 2/1	/ V	400 W	165 W
929001265504	165HB/LED/840/ND WB UDL 2/1	/ V	400 W	165 W
929001851304	100HB/LED/740/ND NB DL BB 2/1	120-277 V	250 W	100 W
929001851404	100HB/LED/740/ND WB DL BB 2/1	120-277 V	250 W	100 W
929001851704	100HB/LED/750/ND NB DL BB 2/1	120-277 V	250 W	100 W
929001851804	100HB/LED/750/ND WB DL BB 2/1	120-277 V	250 W	100 W
929001852104	125HB/LED/740/ND NB DL BB 2/1	120-277 V	320 W	125 W

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001852204	125HB/LED/740/ND WB DL BB 2/1	120-277 V	320 W	125 W
929001852504	125HB/LED/750/ND NB DL BB 2/1	120-277 V	320 W	125 W
929001852604	125HB/LED/750/ND WB DL BB 2/1	120-277 V	320 W	125 W
929001852904	150HB/LED/740/ND NB DL BB 2/1	120-277 V	400 W	150 W
929001853004	150HB/LED/740/ND WB DL BB 2/1	120-277 V	400 W	150 W
929001853304	150HB/LED/750/ND NB DL BB 2/1	120-277 V	400 W	150 W
929001853404	150HB/LED/750/ND WB DL BB 2/1	120-277 V	400 W	150 W
929001989604	25HB/LED/830/ND FB 6/1	120 V	70 W	25 W
929001990004	25HB/LED/850/ND FB 6/1	120 V	70 W	25 W

## LED Highbay

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001999104	25HB/LED/840/ND FB 6/1	120 V	70 W	25 W
929001989704	38HB/LED/830/ND FB 6/1	120 V	85 W	38 W
929001990104	38HB/LED/850/ND FB 6/1	120 V	85 W	38 W
929001999204	38HB/LED/840/ND FB 6/1	120 V	85 W	38 W
929001989804	45HB/LED/830/ND FB 6/1	120 V	100 W	45 W
929001990204	45HB/LED/850/ND FB 6/1	120 V	100 W	45 W

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001999304	45HB/LED/840/ND FB 6/1	120 V	100 W	45 W
929001990304	65HB/LED/850/ND FB 4/1	120-277 V	150 W	65 W
929001990504	75HB/LED/850/ND FB 4/1	120-277 V	175 W	75 W
929001993004	65HB/LED/840/ND FB 4/1	120-277 V	150 W	65 W
929001993104	75HB/LED/840/ND FB 4/1	120-277 V	175 W	75 W

### General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001264804	165HB/LED/740/ND NB DL 2/1	EX39	50000 h	50000 h
929001265004	165HB/LED/740/ND WB DL 2/1	EX39	50000 h	50000 h
929001265304	165HB/LED/840/ND NB UD L 2/1	EX39	50000 h	50000 h
929001265504	165HB/LED/840/ND WB UD L 2/1	EX39	50000 h	50000 h
929001851304	100HB/LED/740/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001851404	100HB/LED/740/ND WB DL BB 2/1	EX39	50000 h	50000 h
929001851704	100HB/LED/750/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001851804	100HB/LED/750/ND WB DL BB 2/1	EX39	50000 h	50000 h
929001852104	125HB/LED/740/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001852204	125HB/LED/740/ND WB DL BB 2/1	EX39	50000 h	50000 h
929001852504	125HB/LED/750/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001852604	125HB/LED/750/ND WB DL BB 2/1	EX39	50000 h	50000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001852904	150HB/LED/740/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001853004	150HB/LED/740/ND WB DL BB 2/1	EX39	50000 h	50000 h
929001853304	150HB/LED/750/ND NB DL BB 2/1	EX39	50000 h	50000 h
929001853404	150HB/LED/750/ND WB DL BB 2/1	EX39	50000 h	50000 h
929001989604	25HB/LED/830/ND FB 6/1	E26	25000 h	25000 h
929001990004	25HB/LED/850/ND FB 6/1	E26	25000 h	25000 h
929001999104	25HB/LED/840/ND FB 6/1	E26	25000 h	25000 h
929001989704	38HB/LED/830/ND FB 6/1	E26	25000 h	25000 h
929001990104	38HB/LED/850/ND FB 6/1	E26	25000 h	25000 h
929001999204	38HB/LED/840/ND FB 6/1	E26	25000 h	25000 h
929001989804	45HB/LED/830/ND FB 6/1	E26	25000 h	25000 h
929001990204	45HB/LED/850/ND FB 6/1	E26	25000 h	25000 h
929001999304	45HB/LED/840/ND FB 6/1	E26	25000 h	25000 h
929001990304	65HB/LED/850/ND FB 4/1	EX39	25000 h	25000 h
929001990504	75HB/LED/850/ND FB 4/1	EX39	25000 h	25000 h
929001993004	65HB/LED/840/ND FB 4/1	EX39	25000 h	25000 h
929001993104	75HB/LED/840/ND FB 4/1	EX39	25000 h	25000 h

### Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color		Color Rendering		Luminous Flux (Rated)	
				Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)		
929001264804	165HB/LED/740/ND NB DL 2/1	60 °	740	4000 K	70	20000 lm	20000 lm		
929001265004	165HB/LED/740/ND WB DL 2/1	120 °	740	4000 K	70	20000 lm	20000 lm		

# LED Highbay

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color		Color Rendering		Luminous Flux (Rated)
				Temperature (Nom)	Index (Nom)	Luminous Flux (Nom)	(Nom)	
929001265304	165HB/LED/840/ND NB UDL 2/1	60 °	840	4000 K	80	19000 lm	19000 lm	
929001265504	165HB/LED/840/ND WB UDL 2/1	120 °	840	4000 K	80	19000 lm	19000 lm	
929001851304	100HB/LED/740/ND NB DL BB 2/1	70 °	740	4000 K	70	12000 lm	12000 lm	
929001851404	100HB/LED/740/ND WB DL BB 2/1	130 °	740	4000 K	70	12000 lm	12000 lm	
929001851704	100HB/LED/750/ND NB DL BB 2/1	70 °	750	5000 K	70	12000 lm	12000 lm	
929001851804	100HB/LED/750/ND WB DL BB 2/1	130 °	750	5000 K	70	12000 lm	12000 lm	
929001852104	125HB/LED/740/ND NB DL BB 2/1	70 °	740	4000 K	70	16000 lm	16000 lm	
929001852204	125HB/LED/740/ND WB DL BB 2/1	130 °	740	4000 K	70	16000 lm	16000 lm	
929001852504	125HB/LED/750/ND NB DL BB 2/1	70 °	750	5000 K	70	16000 lm	16000 lm	
929001852604	125HB/LED/750/ND WB DL BB 2/1	130 °	750	5000 K	70	16000 lm	16000 lm	
929001852904	150HB/LED/740/ND NB DL BB 2/1	70 °	740	4000 K	70	20000 lm	20000 lm	
929001853004	150HB/LED/740/ND WB DL BB 2/1	130 °	740	4000 K	70	20000 lm	20000 lm	
929001853304	150HB/LED/750/ND NB DL BB 2/1	70 °	750	5000 K	70	20000 lm	20000 lm	
929001853404	150HB/LED/750/ND WB DL BB 2/1	130 °	750	5000 K	70	20000 lm	20000 lm	
929001989604	25HB/LED/830/ND FB 6/1	200 °	830	3000 K	80	2650 lm	2650 lm	
929001990004	25HB/LED/850/ND FB 6/1	200 °	850	5000 K	80	2800 lm	2800 lm	
929001999104	25HB/LED/840/ND FB 6/1	200 °	840	4000 K	80	2800 lm	2800 lm	
929001989704	38HB/LED/830/ND FB 6/1	200 °	830	3000 K	80	3500 lm	3500 lm	
929001990104	38HB/LED/850/ND FB 6/1	200 °	850	5000 K	80	3800 lm	3800 lm	
929001999204	38HB/LED/840/ND FB 6/1	200 °	840	4000 K	80	3800 lm	3800 lm	
929001989804	45HB/LED/830/ND FB 6/1	200 °	830	3000 K	80	4500 lm	4500 lm	
929001990204	45HB/LED/850/ND FB 6/1	200 °	850	5000 K	80	4800 lm	4800 lm	
929001999304	45HB/LED/840/ND FB 6/1	200 °	840	4000 K	80	4800 lm	4800 lm	
929001990304	65HB/LED/850/ND FB 4/1	240 °	850	5000 K	80	7000 lm	7000 lm	
929001990504	75HB/LED/850/ND FB 4/1	240 °	850	5000 K	80	8500 lm	8500 lm	
929001993004	65HB/LED/840/ND FB 4/1	240 °	840	4000 K	80	7000 lm	7000 lm	
929001993104	75HB/LED/840/ND FB 4/1	240 °	840	4000 K	80	8500 lm	8500 lm	

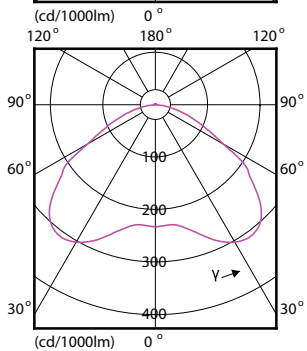
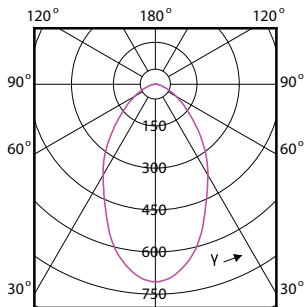
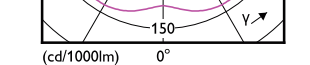
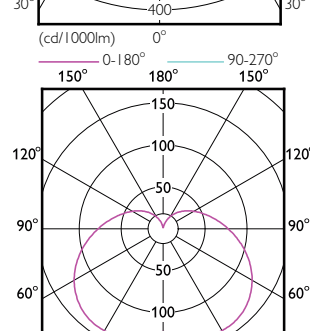
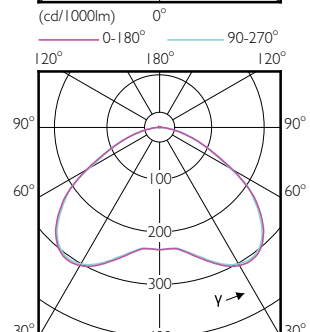
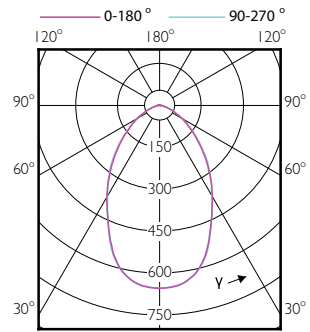
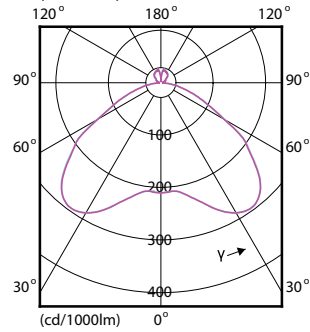
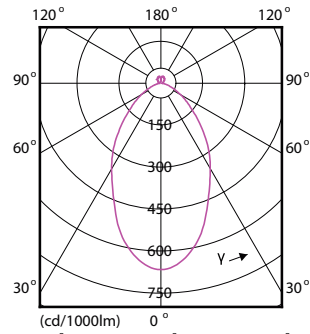
## Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape	Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001264804	165HB/LED/740/ND NB DL 2/1	-	Others	929001853404	150HB/LED/750/ND WB DL BB 2/1	-	Others
929001265004	165HB/LED/740/ND WB DL 2/1	-	Others	929001989604	25HB/LED/830/ND FB 6/1	Frosted	T-shape
929001265304	165HB/LED/840/ND NB UDL 2/1	-	Others	929001990004	25HB/LED/850/ND FB 6/1	Frosted	T-shape
929001265504	165HB/LED/840/ND WB UDL 2/1	-	Others	929001999104	25HB/LED/840/ND FB 6/1	Frosted	T-shape
929001851304	100HB/LED/740/ND NB DL BB 2/1	-	Others	929001989704	38HB/LED/830/ND FB 6/1	Frosted	T-shape
929001851404	100HB/LED/740/ND WB DL BB 2/1	-	Others	929001990104	38HB/LED/850/ND FB 6/1	Frosted	T-shape
929001851704	100HB/LED/750/ND NB DL BB 2/1	-	Others	929001999204	38HB/LED/840/ND FB 6/1	Frosted	T-shape
929001851804	100HB/LED/750/ND WB DL BB 2/1	-	Others	929001989804	45HB/LED/830/ND FB 6/1	Frosted	T-shape
929001852104	125HB/LED/740/ND NB DL BB 2/1	-	Others	929001990204	45HB/LED/850/ND FB 6/1	Frosted	T-shape
929001852204	125HB/LED/740/ND WB DL BB 2/1	-	Others	929001999304	45HB/LED/840/ND FB 6/1	Frosted	T-shape
929001852504	125HB/LED/750/ND NB DL BB 2/1	-	Others	929001990304	65HB/LED/850/ND FB 4/1	Frosted	T-shape
929001852604	125HB/LED/750/ND WB DL BB 2/1	-	Others	929001990504	75HB/LED/850/ND FB 4/1	Frosted	T-shape
929001852904	150HB/LED/740/ND NB DL BB 2/1	-	Others	929001993004	65HB/LED/840/ND FB 4/1	Frosted	T-shape
929001853004	150HB/LED/740/ND WB DL BB 2/1	-	Others	929001993104	75HB/LED/840/ND FB 4/1	Frosted	T-shape
929001853304	150HB/LED/750/ND NB DL BB 2/1	-	Others				

## Temperature

# LED Highway

Order Code	Full Product Name	T-Case Maximum (Nom)
929001264804	165HB/LED/740/ND NB DL 2/1	85 °C
929001265004	165HB/LED/740/ND WB DL 2/1	85 °C
929001265304	165HB/LED/840/ND NB UDL 2/1	85 °C
929001265504	165HB/LED/840/ND WB UDL 2/1	85 °C
929001851304	100HB/LED/740/ND NB DL BB 2/1	70 °C
929001851404	100HB/LED/740/ND WB DL BB 2/1	70 °C
929001851704	100HB/LED/750/ND NB DL BB 2/1	70 °C
929001851804	100HB/LED/750/ND WB DL BB 2/1	70 °C
929001852104	125HB/LED/740/ND NB DL BB 2/1	75 °C
929001852204	125HB/LED/740/ND WB DL BB 2/1	75 °C
929001852504	125HB/LED/750/ND NB DL BB 2/1	75 °C
929001852604	125HB/LED/750/ND WB DL BB 2/1	75 °C
929001852904	150HB/LED/740/ND NB DL BB 2/1	80 °C
929001853004	150HB/LED/740/ND WB DL BB 2/1	80 °C
929001853304	150HB/LED/750/ND NB DL BB 2/1	80 °C
929001853404	150HB/LED/750/ND WB DL BB 2/1	80 °C
929001989604	25HB/LED/830/ND FB 6/1	90 °C
929001990004	25HB/LED/850/ND FB 6/1	90 °C
929001999104	25HB/LED/840/ND FB 6/1	90 °C
929001989704	38HB/LED/830/ND FB 6/1	90 °C
929001990104	38HB/LED/850/ND FB 6/1	90 °C
929001999204	38HB/LED/840/ND FB 6/1	90 °C
929001989804	45HB/LED/830/ND FB 6/1	90 °C
929001990204	45HB/LED/850/ND FB 6/1	90 °C
929001999304	45HB/LED/840/ND FB 6/1	90 °C
929001990304	65HB/LED/850/ND FB 4/1	98 °C
929001990504	75HB/LED/850/ND FB 4/1	98 °C
929001993004	65HB/LED/840/ND FB 4/1	98 °C
929001993104	75HB/LED/840/ND FB 4/1	98 °C



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