

PHILIPS

LED

CorePro High Bay

For high lumen
lighting applications



Simple retrofit with **spectacular energy savings**

Philips CorePro LED high bay for high lumen applications, perfect for a variety of applications such as garages, warehouses and work-sites. Boasts wide beam ranging between 200° and 240°, to light up larger surface areas.

Benefits

- 25,000-hour LED lifetime¹
- Energy saving over 50%²
- Ballast bypass feature reduces maintenance over time
- Instant on – no warm up time compared to metal halide

Features

- Both Standard E26 and EX39 base options
- 80 CRI and universal burn capabilities
- 3-year limited warranty depending upon operating hours[†]
- Equivalent to a range of 40W to 150W conventional HID lamps
- Wide beam ranging between 200° and 240° to ensure uniform and larger light distribution

Philips CorePro LED high lumen lamps

Ordering, electrical and technical data continued (subject to change without notice)

Product Number	Model Number	10NC	Order Code	Nom Watts	Equivalent Watts (Conventional HID)	Voltage (Vac)	Base	LED Lifetime ¹	Lumen (lm)	Color Temp (K)	CRI	Dim
541912	929001989604	929001989600	25HB/LED/830/ND FB 6/1	25	40	120	E26	25000	2650	3000	80	No
541920	929001989704	929001989700	38HB/LED/830/ND FB 6/1	38	55	120	E26	25000	3500	3000	80	No
541938	929001989804	929001989800	45HB/LED/830/ND FB 6/1	45	70	120	E26	25000	4500	3000	80	No
541950	929001990004	929001990000	25HB/LED/850/ND FB 6/1	25	40	120	E26	25000	2800	5000	80	No
541960	929001990104	929001990100	38HB/LED/850/ND FB 6/1	38	55	120	E26	25000	3800	5000	80	No
541978	929001990204	929001990200	45HB/LED/850/ND FB 6/1	45	70	120	E26	25000	4800	5000	80	No
543066	929001999104	929001999100	25HB/LED/840/ND FB 6/1	25	40	120	E26	25000	2800	4000	80	No
543074	929001999204	929001999200	38HB/LED/840/ND FB 6/1	38	55	120	E26	25000	3800	4000	80	No
543082	929001999304	929001999300	45HB/LED/840/ND FB 6/1	45	70	120	E26	25000	4800	4000	80	No
542290	929001990304	929001990300	65HB/LED/850/ND FB 4/1	65	125	120-277	EX39	25000	7000	5000	80	No
542316	929001990504	929001990500	75HB/LED/850/ND FB 4/1	75	150	120-277	EX39	25000	8500	5000	80	No
542308	929001993004	929001993000	65HB/LED/840/ND FB 4/1	65	125	120-277	EX39	25000	7000	4000	80	No
542324	929001993104	929001993100	75HB/LED/840/ND FB 4/1	75	150	120-277	EX39	25000	8500	4000	80	No

Energy saving solution

Estimated lighting costs using a standard 175W metal halide lamp		
Present Wattage	201	W
× Annual operating hours	4,000	hrs
=	804,000	Watt-Hours
÷ 1,000	804	kWh per year
× kWh rate of \$0.11	\$88.44	per year
× 100 lamps	\$8,844.00	annual energy cost per space
Estimated lighting costs using a Philips 75W Corepro high bay LED lamp		
Present Wattage	75	W
× Annual operating hours	4,000	hrs
=	300,000	Watt-Hours
÷ 1,000	300	kWh per year
× kWh rate of \$0.11	\$33.00	per year
× 100 lamps	\$3,300.00	annual energy cost per space
Total estimated annual savings[‡]	\$5,544.00	
‡ Based on 100 lamps per space operating at 4,000 hours per year		

This example shows an application of 100 75W LED metal halide replacement lamps operating 4,000 hours per year at a cost of \$0.11 per kWh. Replacing 100 standard 175W MH400/U metal halide lamps with the Philips LED replacement lamps can provide significant energy cost savings of \$5,544.00 per year. Your actual savings may vary depending on the energy costs in your geographic location.

Footnotes from front:

† For details, please visit <http://www.usa.lighting.philips.com/support/support/warranty>

1. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50,L70).
2. LED system watts of 75W compared to 201W system watts for an metal halide lamp.

* Replacement wattage is based on HID and ballast power consumption.

WARNINGS AND CAUTIONS

Risk of property damage or personal injury – The weight of the lamp is within the UL weight specification of a mogul (E39) base. However, before installing the lamp please ensure that the lamp holder (or socket) is not damaged or loose. The lamp holder (or socket) must be secured firmly to the fixture. If the lamp holder is damaged, corroded, charred or blackened, it must be replaced.

NOT RECOMMENDED FOR USE IN ENCLOSED FIXTURES.

CAUTION: Risk of electric shock— do not use where directly exposed to water.

NOTES: This device complies with Part 15 of the FCC rule. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Canadian ICES-005. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This lamp is suitable for dry and/or damp locations (indoor & outdoor applications). Suitable for use in outdoor luminaires as these luminaires provide a damp location for the lamp.



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