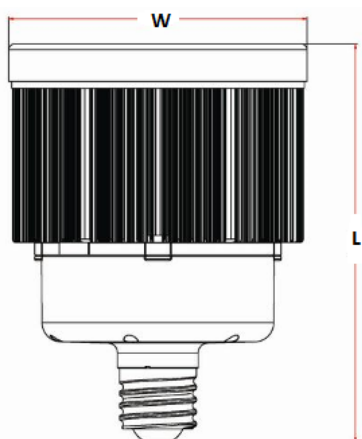


DIRECTLED – HBBC Series

FEATURES & SPECIFICATION SHEET



Application

The HBBC series LED retrofit lamp is specifically designed to replace HID, MH, and HPS lamps in existing light fixtures providing 60-90 percent in energy savings.

Features

- High Bay Retrofit, 170 degree beam angle. E39 Base
- Direct to AC (Direct Wire) connection.
- Metal Halide Inductive Ballast Compatible (Plug&Play)*
- Integrated 6KV Surge protector
- Designed for use in open or enclosed fixtures.
- UL listed. IP65 for wet locations.

COB LED & Driver

A long lifetime rating of 50,000 hours or about 10 years operating hours 12 hours per 7 days per week. LED array and Driver features Class P rating, THD of less than 10, constant output wattage, and a fail-safe protection.

Warranty

HBBC lamps are guaranteed for 5 years against manufacturing defects.

* See HBBC MH Ballast Compatibility Guidelines Document



Ordering Information

ECO- _____

Example:

MODEL	BEAM ANGLE	CRI	WATTS	DRIVER	CCT	LUMENS	Length x Width
ECO-HBBC	170	< 80	80 100 120	U-120V/277V Or Metal Halide Inductive Ballast Compatible	5000 4000 3000	10100 12500 15000	7.4 in x 6.1 in. 7.76 in x 6.1 in. 8.15 in x 6.1 in.

Ballast Compatibility List

IMPORTANTNOTICE.

This list is based in part on information provided by the ballast supplier, Testing was done on a stable AC power supply under laboratory conditions , which may not be representative of all particular end-use conditions. While each ballast type listed has undergone testing, some have undergone revisions that may change operating parameters and impact lamp performance. Applications and conditions of use are many and varied and beyond Ecolighting USA control, Therefore purchasers and user should make their own determinations as to the suitability of a lamp-ballast combination for their own particular application and use. Compatibility may also extend to ballasts beyond this list, so performing an on-site test before installation is recommended. Power Consumption is dependent upon Ballast Overhead power demand. Actual Power Demand may vary dependent upon ballast.

Ballast	One Lamp			
	120V	208V	240V	277V
Philips 71A6051A				
Philips71A6092AEE				
Universal 1110247SCTC				
Universal M400MLTAC4M				
Universal M40048TAC4M				
Universal P400ML5AC4M				
Venture V90D7613				
Venture V90J7612				
Venture V90Y7612T				
Plusrite BAPS400-CWA/V5				
Pinge MH70W4TM				

	Compatibale		Ballast doesn't have voltage
Compatibility may vary per revision			

INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE