

THE QUESTION: TO REPLACE OR RETROFIT THE FIXTURE

- Our HID retrofit kits are a great option when you need to make the decision to retrofit.
- If the fixture is in good shape, retrofitting is the best option as it will save you on time and labor costs.
- A major benefit of the HID retrofit kit is with the driver mounted separately; it helps to keep the heat away from the LEDs light engine.
- Additionally, since the HIDRP kit only has LEDs mounted on one side, it forces the light down whereas a corn lamp that has LED's in a 360 degree can lose some of the light in the fixture housing.
- These retrofit kits are easy to install and operate and deliver energy-savings with a long service life.



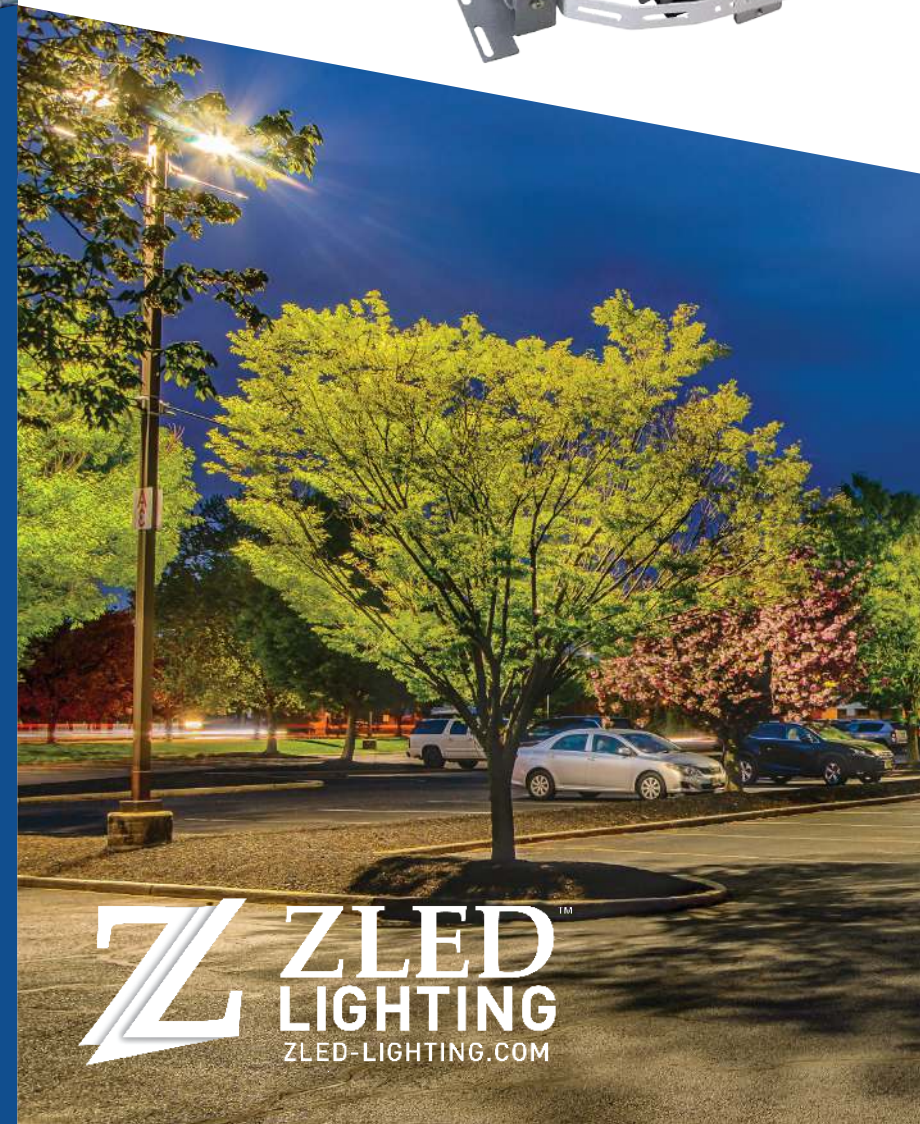
Product Overview

Use this product to retrofit metal-halide (MH) and other high-intensity discharge (HID) fixtures into long-lasting, energy-efficient LED fixtures. The retrofit kit includes an aluminum LED fixture with a cooling fan, a 90-277VAC or 480VAC, Mean Well Driver, and brackets for installation in MH light fixtures (ballast can be removed or bypassed).

Using powerful LEDs, our 11 different wattage kits can emit from 4,950-60,000 lumens of cool white illumination. With a longer life expectancy, the LED kit reduces costly repairs, disposal fees, and the need for replacements.



LED RETROFIT KIT FOR HID FIXTURES



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HIDR KIT IS IDEAL FOR:



Standard E39 Bracket Supplied with kit
Adjustable Mounting Bracket Order separately. Part #: AMB

Applications

- Parking Lot Lighting
- Shoebox & Streetlight
- Wall Packs
- High and Low Bays
- Warehouse Facilities
- Industrial Facilities



Product Features

- **Wattages:** 45W, 60W, 80W, 100W, 120W, 150W, 200W, 240W, 300W, 400W, 480W
- **Voltage Input:** 90-277VAC, 480VAC available by special order
- **LED Lifespan:** 70,000 hours
- **Warranty:** 5 years
- **Components:** Includes Philips Chip, SUNON fan
- **Driver:** Meanwell Driver provides 2.5KV surge protection
- **Over-Heating Protection:** At 110 degrees fahrenheit, light engine will shut down until cooling takes place, then engine will turn back one once cooling point has been reached.
- **Dimming:** Optional dimming capability available
- **Mounting:** Optional bracket or standard socket installation

SPECIFICATIONS FOR LED RETROFIT KITS FOR HID FIXTURES

PRODUCT #	WATTS	DIMENSIONS (WxLxH)	LUMENS (+/-10%)	SUGGESTED HID EQUIV.	LISTED
HIDRP-45-50K	45W	5.20" x (7.08-8.27") x 5.12"	4,950	175W	N/A
HIDRP-45-50K-HV	45W	5.20" x (7.08-8.27") x 5.12"	4,950	175W	N/A
HIDRP-60-50K	60W	5.20" x (7.08-8.27") x 5.12"	7,500	300W	DLC
HIDRP-60-50K-HV	60W	5.20" x (7.08-8.27") x 5.12"	7,500	300W	N/A
HIDRP-80-50K	80W	6.30" x (9.25-11.22") x (5.12-5.91")	10,000	375-400W	DLC
HIDRP-80-50K-HV	80W	6.30" x (9.25-11.22") x (5.12-5.91")	10,000	375-400W	N/A
HIDRP-100-50K	100W	6.30" x (9.25-11.22") x (5.12-5.91")	12,500	400W	DLC
HIDRP-100-50K-HV	100W	6.30" x (9.25-11.22") x (5.12-5.91")	12,500	400W	N/A
HIDRP-120-50K	120W	6.30" x (9.25-11.22") x (5.12-5.91")	15,000	400-600W	DLC
HIDRP-120-50K-HV	120W	6.30" x (9.25-11.22") x (5.12-5.91")	15,000	400-600W	N/A
HIDRP-150-50K	150W	7.17" x (12.80-13.98") x (5.12-6.30")	18,750	700-800W	DLC
HIDRP-150-50K-HV	150W	7.17" x (12.80-13.98") x (5.12-6.30")	18,750	700-800W	N/A
HIDRP-200-50K	200W	7.17" x (12.80-13.98") x (5.12-6.30")	25,000	800-1000W	DLC
HIDRP-200-50K-HV	200W	7.17" x (12.80-13.98") x (5.12-6.30")	25,000	800-1000W	N/A
HIDRP-240-50K	240W	7.17" x (12.80-13.98") x (5.12-6.30")	30,000	1000W	DLC
HIDRP-240-50K-HV	240W	7.17" x (12.80-13.98") x (5.12-6.30")	30,000	1000W	N/A
HIDRP-300-50K	300W	10.24" x (14.96-17.52") x (5.12-6.30")	37,500	1500W	DLC
HIDRP-300-50K-HV	300W	10.24" x (14.96-17.52") x (5.12-6.30")	37,500	1500W	N/A
HIDRP-400-50K	400W	10.24" x (14.96-17.52") x (5.12-6.30")	50,000	1500W+	DLC
HIDRP-400-50K-HV	400W	10.24" x (14.96-17.52") x (5.12-6.30")	50,000	1500W+	N/A
HIDRP-480-50K	480W	10.24" x (14.96-17.52") x (5.12-6.30")	60,000	1500W+	DLC
HIDRP-480-50K-HV	480W	10.24" x (14.96-17.52") x (5.12-6.30")	60,000	1500W+	N/A

NOTE: Number ranges under "Dimensions (WxLxH)" account for adjustable mounting brackets. HV = 480 unit.



INSTALLATION INSTRUCTIONS

WARNING: Please make sure the power is off before installation and hire a qualified electrician.

1. Connect the U bracket to the AMB or E39 Screw Base with the provided screws. See Figure 1.
2. Connect the LED module to the U bracket with the provided screws. See Figure 2.
3. Adjust the length and height of the U bracket and LED module so the center of the module is on the center of the fixture. See Figure 3.
4. Remove or bypass the existing ballast.
5. Replace the ballast with the new LED driver and connect this driver's output leads directly to the LED module. Power is no longer being supplied through existing socket. If using the E39 Screw Base with the existing socket, it is now a means of support for the U bracket and LED Module. Do not apply power through the E39 Screw Base. See Figure 4.
6. If lamps are installed vertically, position the LED module accordingly. See Figure 5.
7. Connect the incoming power to the new LED driver. Check to see if the supplied voltage matches the voltage listed on the LED driver input.
8. Some drivers come equipped with an extra (blue and white) lead for 0-10V dimming. If dimming is not needed, you can leave this alone and tuck it to the side.

