

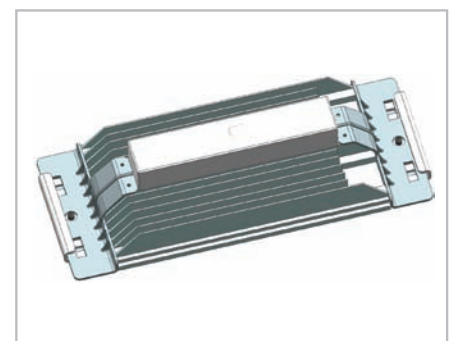
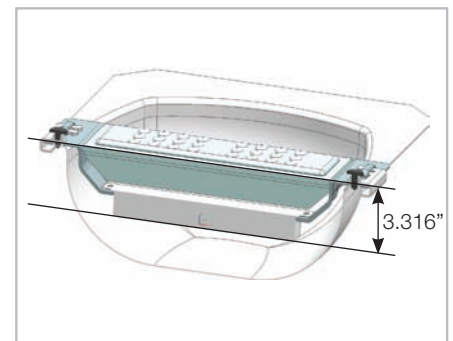
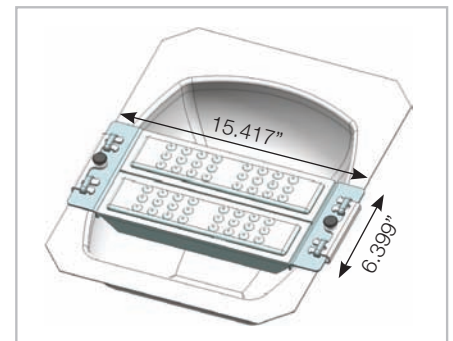


High-Output LED Retrofit Kit

FOR ROADWAY SIGN LIGHT, LOW/HIGH BAY, PARKING LOT/GARAGE/WAREHOUSE FIXTURES

Burnt out from replacing metal halide light or sodium bulbs? Not so eager to invest in the upfront cost of installation for an entirely new high-intensity discharge (HID) light fixture?

Clear-Vu Lighting has designed and developed an innovative retrofit kit that is a leap forward in functionality, efficiency and durability. The High-Output LED Retrofit Kit overcomes the deficiencies of other LED products by utilizing the already-installed base of fixtures from name brand manufacturers. This makes installation quick and easy, while reducing waste and minimizing capital investment.



FEATURES

Universal Mounting Bracket

Designed to be a drop-in replacement for the older HID light engines in prevalent housings from manufacturers including GE, American Lighting, and Sentry Electric, enabling a much lower cost of entry for advanced LED technology.

Energy Efficiency & Light Output

Consumes less than 30% of the energy required from HID-based lighting technology while providing almost double the lumen output of other LED manufacturers (approximately 4000 lm). This translates into significant energy savings as well as a reduced carbon footprint.

Superior Operational Life

With comprehensive thermal optimization and electric control, the high-output LED engines shine more than 5 times as long as metal halide bulbs. Maintenance workers will spend less time replacing light bulbs and more time doing the work they need to.

Extreme Durability

By encasing the LEDs and electronics in a UV stabilized, abrasion resistant polycarbonate lens with an IP67 rated watertight seal, the RSL Retrofit Kit is ready to handle the toughest of environments.

Compliance

RoHS compliant and UL, CE pending



High-Output LED Retrofit Kit

Applications

- Ideal for any roadway sign lights, indoor or outdoor area and high/low bay lighting, including parking lots, factories, warehouses, harsh-environment conditions
- Comes with easy-to-install variable mounting bracket and pigtail connector designed for GE, American Lighting, Sentry Electric, and other HID fixtures
- Functions in damp environments, impervious to steel dust and corrosion, operating temperature: -30° to 60°C

Construction

- Weather-resistant die-cast aluminum
- Zero halogen, heavy-duty injection molded components
- Automotive-grade polycarbonate lens assembly

Electrical

- LED Driver operating voltage: 90-295 VAC
- Power Consumption 57 Watts – (two light engine modules)

Optics

- 24 High-output bright white LED's (4745K ~ 6020K, CRI 70)
- Precision Opticlear™ Engine provides IES Type II, III, or V light distribution to maximize coverage area
- LEDs have a rated life of 70% lumen maintenance at 50,000 hours

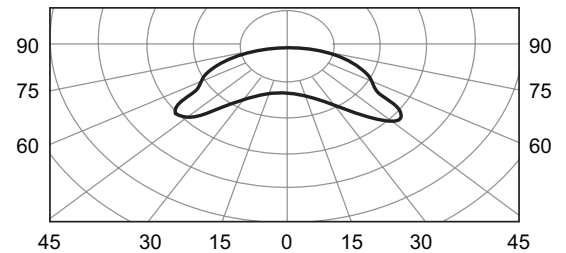
Warranty/Listings

- 3 year limited warranty
- RoHS compliant
- IP67
- LM-79 tested – results available upon request
- UL – currently under review

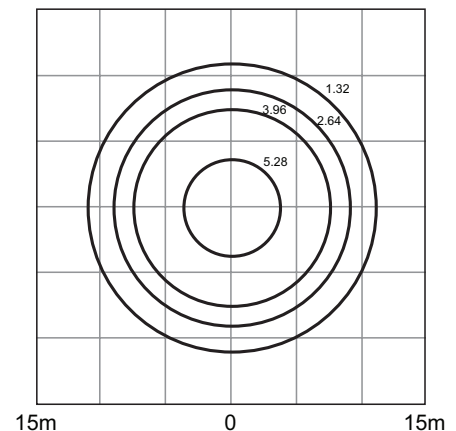
Photometric Data

- Total Rated Lamp Lumens: 4000 (two light engine modules)
— Expandable to 8000 (four light engine modules)

ILLUMINANCE CHARTS



Height 6m



Factor

Height	Footcandles
3m	4.00
4m	2.25
5m	1.44
6m	1.00
7m	0.73
8m	0.56