



- Reduce energy consumption and operating costs by up to 80% - replaces existing 100-1500W HID lamps
- Maintenance free operation – lasts up to 10 times longer than conventional lighting
- Advanced thermal engineering design for cooler operation and extended lamp life
- Patented thermal protection circuitry will dim light engine if temperature exceeds operating parameters to protect your investment
- Environmentally friendly – fully recyclable, no mercury or other hazardous material
- Listed on the DLC Qualified Products List



# High Voltage Input LED Light Engine Retrofit Assemblies

Integrated LED system, ideal for exterior lighting retrofits at Sports Venues, Retail Centers, Factories, Warehouses, etc.

## ◆ FEATURES

Power Consumption	65W - 450W
Lumen Output	7,500 – 51,750 lumens
Light Source	Nichia LEDs
Color Temperatures	Full spectrum available Std: Daylight 5700K
Color Rendering Index (CRI)	> 70
Rated Life	70,000 hrs
Housing Options	Retrofit kits for any existing fixture
Operating Temp	-30°C to +60°C
Voltage	200-480VAC
Warranty	5 Years



for more information email [info@emium.com](mailto:info@emium.com)  
 or call 224.735.3435 | [www.emium.com](http://www.emium.com)


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## SPECIFICATIONS

Model	EL-RL-65W-HV	EL-RL-100W-HV	EL-RL-150W-HV	EL-RL-200W-HV	EL-RL-300W-HV	EL-RL-450W-HV
Power Consumption	65W	100W	150W	200W	300W	450W
Lumen Output	7475	11500	17100	23000	34500	51750
Dimensions (Lamp body)	4.7" (diameter) x 2.5"	7" x 5.5" x 3"		10.4" x 6.3" x 3"	12.5" x 9.3" x 3.3"	
Input Voltage	200-480VAC					
Driver	Dimmable Meanwell driver (1-10VDC/PWM/Resistor)					
Beam Angle	120°					
Color	Standard color temp – 5700K (Also available in 3000K, 4000K & 5000K)					
CRI	>70					
Operating Temperature	-30°C to +60°C					
Rated Life	70,000 hrs					
Warranty	5 years					

### General

These units are designed to retrofit into almost any HID fixture using brackets or plates for easy plug and play installation. The units can be articulated to deliver the light precisely where it's needed.

### MagLev® Fan Technology

By using magnetic levitation force, these fans feature zero friction with no contact between shaft and bearing. Over 100,000 hour operating life.

### Mounting

Standard yoke bracket.



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