



emium™

emium lighting, see differently

EXTERIOR LIGHTING



Hi-Power LED Light Engine Retrofit Assemblies

5 Year Full Product Warranty



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

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

FEATURES

Power Consumption: 100W - 480W

Lumen Output: 7,500 – 55,000 lumens

Light Source: Philips 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: 120-277VAC (480VAC Optional)

Warranty: 5 Years



for more information email info@emium.com
or call 224.735.3435 | www.emium.com

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Ordering Guide: Hi-Power Light Engine: Example - EL-RL100W-LV-5000K

Fixture Type	Wattage	Voltage	CCT (X.X00) Kelvin
EL-RL		LV	
EL-RL Emium Lighting Retrofit Light Engine	100W 120W 150W 185W 240W 320W 370W 480W	LV 100-277VAC	3000K 4000K 5000K (Standard) 5700K

SPECIFICATIONS

Model	EL-RL100W-LV	EL-RL120W-LV	EL-RL150W-LV	EL-RL185W-LV	EL-RL240W-LV	EL-RL320W-LV	EL-RL370W-LV
Power	100W	120W	150W	185W	240W	320W	370W
Lumen Output	11,500 Lm	13,800 Lm	17,250 Lm	21,275 Lm	27,600 Lm	36,800 Lm	42,550 Lm
Dimensions Lamp Body	7" x 5.5" x 3"			10.4" x 6.3" x 3"		12.5" x 9.3" x 3.3"	
Input Voltage	100 - 277VAC (200 - 480VAC available)						
Driver	Dimmable Meanwell driver (1-10VDC/PWM/Resistor)						
Beam Angle	120°						
Color Temp	Standard color temp – 5000K (Also available in 3000K, 4000K & 5700K)						
CRI	> 70 Ra						
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.

