



emium™

emium lighting, see differently

EXTERIOR LIGHTING



Low-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 70-300W HID lamps

Maintenance free operation – lasts up to 10 times longer than conventional lighting

Cool beam – No UV or IR, reduces air conditioning loads significantly

Advanced thermal engineering design for cooler operation and extended lamp life

Environmentally friendly – fully recyclable, no mercury or other hazardous material

Listed on the DLC Qualified Products List



FEATURES

Power Consumption: 30W - 80W

Lumen Output: 3,450 – 9,200 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: 120-277VAC or 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)

## EXTERIOR LIGHTING

Ordering Guide: Low-Power Light Engine: Example - EL-RL30W-LV-5000K

Fixture Type	Wattage	Voltage	CCT (X.X00) Kelvin
EL-RL		LV	
EL-RL Emium Lighting Retrofit Light Engine	30W 45W 60W 80W	LV 100-277VAC)	3000K 4000K 5000K (Standard) 5700K

## SPECIFICATIONS

Model	EL-RL30W-LV	EL-RL45W-LV	EL-RL60W-LV	EL-RL80W-LV
Power	30W	45W	60W	80W
Lumen Output	3,450 Lm	5,175 Lm	6,900 Lm	9,200 Lm
Dimensions Lamp Body	4.72"(diameter) x 2.5"			7" x 5.5" x 3"
Input Voltage	100 - 277VAC			
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.

