

# LED RETROFIT LAMPS



## Description

Venture Lighting's LED retrofit lamps are the ideal upgrade solution to traditional HID lamp technologies. These ballast-bypass LED retrofit lamps are a simple energy saving solution for providing significant maintenance savings. The integrated driver design is an ideal upgrade from traditional technologies.

## Performance

- CCT options: 4000K or 5000K
- CRI: 80
- EX39 based lamps are DLC Qualified
- Efficiency of up to 140 lumens per Watt
- Up to 5 times longer life and 80% energy savings compared to 50W through 400W metal halide lamps
- Improved reliability and reduced maintenance costs
- Universal Burn Position - Omnidirectional (base-up/base-down/horizontal operation)

## Applications

- Post top
- Wall pack
- Area Lighting
- Flood lighting
- Garage lighting
- General illumination

## Installation

- Replaces HPS or MH lamps
- Ballast bypass
- Acceptable for open and enclosed rated luminaires

## Warranty

- 5-year warranty

## Compliance

- cULus Listed
- Suitable for damp and dry locations
- Do not use where exposed to water

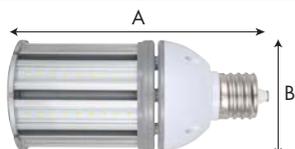
## Electrical

- Standard Universal Voltage - 100-277V 50/60 Hz
- Non dimming
- Optional 120-277V surge protector
- Operating Temperature Range: -40°F to 122°F (-40°C to 50°C)

Catalog Number
Type
Date
Notes

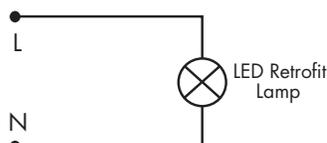


## Dimensions



Wattage	Base	A	B	Minimum Compartment Size Requirements
8W	E26	4.84" (123mm)	2.32" (59mm)	6.0" x 6.0" x 8.5"
10W	E26	5.63" (143mm)	2.32" (59mm)	6.0" x 6.0" x 8.5"
14W	E26	5.75" (146mm)	2.72" (69mm)	6.0" x 6.0" x 8.5"
18W	E26	6.77" (172mm)	2.72" (69mm)	6.0" x 6.0" x 8.5"
22W	E26	7.56" (192mm)	2.72" (69mm)	6.0" x 6.0" x 8.5"
27W	E26	8.98" (228mm)	3.66" (93mm)	8.0" x 8.0" x 11.0"
27W	EX39	8.98" (228mm)	3.66" (93mm)	8.0" x 8.0" x 11.0"
36W	E26	10.16" (258mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
36W	EX39	10.16" (258mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
45W	E26	11.34" (288mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
45W	EX39	11.34" (288mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
54W	E26	11.34" (288mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
54W	EX39	11.34" (288mm)	3.66" (93mm)	9.3" x 9.3" x 17.4"
100W	E39	11.42" (290mm)	4.91" (125mm)	5.8" x 5.8" x 16.0"

## Wiring



Easy to install - bypass ballast and provide voltage directly to lamp

## Accessories

- SP12714 - Surge protector (120-277V)  
(Order as separate line items)



Certified to UL 1598C



For Mogul Based Lamps

*Note: It is the customer's responsibility to verify that the lamp compartment meets the minimum required lamp compartment dimension*

# LED RETROFIT LAMPS

## Medium Base Lamps

Lamp Watts	Order Code	Product Description	Base Type	Lumen Output	Color Temp.	CRI	Rated Life (hrs)	Input Voltage Range	Lumens Per Watt	Power Factor	THD	Replaces Existing HID	Certified to UL 1598C	Model Number
8W	LP21504	8W 4000K LED Retrofit, E26	E26	1100	4000K	80	50,000	100-277V	140	>0.90	<20%	75W	-	OR008B26D-4000K
10W	LP51412	10W 4000K LED Retrofit, E26	E26	1400	4000K	80	50,000	100-277V	140	>0.90	<20%	75W	-	OR108B26D-4000K
14W	LP78125	14W 4000K LED Retrofit, E26	E26	1900	4000K	80	50,000	100-277V	140	>0.90	<20%	100W	-	OR014B26D-4000K
18W	LP21918	18W 4000K LED Retrofit, E26	E26	2500	4000K	80	50,000	100-277V	140	>0.90	<20%	100W	Yes	OR018B26D-4000K
22W	LP94167	22W 4000K LED Retrofit, E26	E26	3100	4000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR022B26D-4000K
27W	LP17165	27W 4000K LED Retrofit, E26	E26	3800	4000K	80	50,000	100-277V	140	>0.90	<20%	175W	-	OR027B26D-4000K
27W	LP21346	27W 5000K LED Retrofit, E26	E26	3800	5000K	80	50,000	100-277V	135	>0.90	<20%	175W	-	OR027B26D-5000K
36W	LP51734	36W 4000K LED Retrofit, E26	E26	5000	4000K	80	50,000	100-277V	135	>0.90	<20%	175W	Yes	OR036B26D-4000K
54W	LP48791	54W 4000K LED Retrofit, E26	E26	7600	4000K	80	50,000	100-277V	135	>0.90	<20%	175W	-	OR054B26D-4000K

## Mogul Base Lamps

Lamp Watts	Order Code	Product Description	Base Type	Lumen Output	Color Temp.	CRI	Rated Life (hrs)	Input Voltage Range	Lumens Per Watt	Power Factor	THD	Replaces Existing HID	Certified to UL 1598C	Model Number
27W	LP27915	27W 4000K LED Retrofit, EX39	EX39	3800	4000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR027B39D-4000K
27W	LP51246	27W 5000K LED Retrofit, EX39	EX39	3800	5000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR027B39D-5000K
36W	LP78106	36W 4000K LED Retrofit, EX39	EX39	5000	4000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR036B39D-4000K
36W	LP13519	36W 5000K LED Retrofit, EX39	EX39	5000	5000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR036B39D-5000K
45W	LP94209	45W 4000K LED Retrofit, EX39	EX39	6300	4000K	80	50,000	100-277V	140	>0.90	<20%	175W	Yes	OR045B39D-4000K
54W	LP21781	54W 4000K LED Retrofit, EX39	EX39	7600	4000K	80	50,000	100-277V	140	>0.90	<20%	250W	Yes	OR054B39D-4000K
54W	LP61926	54W 5000K LED Retrofit, EX39	EX39	7600	5000K	80	50,000	100-277V	140	>0.90	<20%	250W	Yes	OR054B39D-5000K
100W	LP28509	100W 4000K LED Retrofit, E39	E39	13,500	4000K	80	50,000	100-277V	135	>0.90	<20%	400W	Yes	OR100-40BE39
100W	LP28192	100W 5000K LED Retrofit, E39	E39	13,500	5000K	80	50,000	100-277V	135	>0.90	<20%	400W	Yes	OR100-50BE39



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