

# RL-E26 (600 mA or 48V)

## LOW VOLTAGE LED LAMP



### Edison Base DC Screw-In E26 Lamp

The RL-E26 LED lamp offers high lumen output in a traditional Edison light bulb format featuring efficient flicker free and perfectly 0-100% smooth dimming. ATX LED's E26 LED lamps are available as filament or frosted.

### Key Specifications

Electrical/Operational	
Operating Wattage	6 W
Max Wattage	7 W
Operating Voltage - Signature family	7.5 to 9.0 V 0 to 660 mA - 6 W
Operating Voltage value family 4 W	44 to 52 V 0 to 125 mA - 6 W
Operating Temperature	Ceiling mount, -20 to 50°C non-condensing
Photometrics/Optical	
Color Temperature	2700K, 4000K
CRI	90
Dimming Range	0 to 100%, flicker-free, no artifacts
Lumens	500

### Features

- LED efficiency with traditional appearance
- Filament and frosted options available
- 0-100% smooth dimming
- Zero flicker
- Cool operation with no hot spots

## Wiring Options

The RL-E26-660MA signature line are wired in series. Up to 5 bulbs can be wired in series for the brightest result and perfect dimming. The RL-E26-48V value line are wired in parallel, up to 6 can be wired in parallel and share the 30 Watt drive ability of an ATX LED DR family driver. These are driverless designs: the driver can be located up to 50 ft from the LEDs using AWG20/2 wire since constant current eliminates the concerns about voltage drop.

**DCC – Direct Current Controlled** - Signature line - The voltage per bulb is between 7 and 9 volts, with current from 0-660 mA for perfect flicker-free dimming to 0.16%. Up to five LEDs are wired in series, and two series circuits wire to each AL-WS-DR2 for applications from 1 to 10 bulbs.

**CV – Controlled by Voltage** - Value line - The brightness is constant from 44 to 52 V, and dimming down to 5% is possible over a 44 to 38 V range using any ATX LED wall switch. Or a simple On/Off switch can be used with a 48 V supply.

**CV-WiFi** - The brightness and color temperature are controlled by WiFi, with scheduling and full cloud control with Alexa, Google, Siri and other smart home control interfaces. 48 V operation is the same as all ATX LED products.

## Color Temperature Options

The RL-E26 is available in two different fixed color temperatures (2700K, 4000K).

Part Number	2700K <i>Soft White</i>	3000K <i>Bright White</i>	3500K <i>Neutral White</i>	3850K <i>Cool White</i>	4000K <i>Direct Sun</i>	5000K <i>Daylight</i>
<i>Fixed Color Options</i>						
RL-E26-600MA	+				+	
RL-E26-48V	+				+	

## Recommended Drivers

Wall Switch Drivers	Fixed Color	Tunable White	Feature	DABus <sup>1</sup>
AL-WS-DR1	5		Value	
AL-WS-DR1-PIR	5		Motion	X
AL-WS-DR2	10	5	Smart	X
AL-WS-DR2C	10	5	Universal	
AL-WS-DR2W	10	5	WiFi	
AL-WS-BATH	5		Value	

**NOTE:**

<sup>1</sup> - ATX LED Smart switches are compatible with the IEC62386 standard. For more information, please see <https://www.dali-alliance.org/dali/standards.html>.

## Part Numbering

RL	-	E26	-	600mA	-	3000K
Product Number		Description		Variety		