

# The Top 15 Questions to Ask About Every Retrofit

Retrofitting existing fixtures requires gathering various pieces of information to ensure proper fit and determine if the fixture lends itself to be appropriately retrofitted. Typically, we are able to retrofit 95% of existing traditional fixtures with some type of LED solution. It is important however, that there is adequate air space and that the fixture is comprised of the proper components to allow for proper heat dissipation in order to keep the LEDs cool.

*Simply fill in your answers below for each fixture and email or fax this document to your HiLumz Account Director and they will assist you with an Estimate or a Sales Order.*

	THE TOP 15 QUESTIONS	ADDITIONAL INFO	YOUR ANSWERS
1	<b>NEED A NEW FIXTURE OR A RETROFIT?</b>	Is this a new install? Is your current fixture in good condition?	
2	<b>FIXTURE TYPE?</b>	Wall Pack, Flood, Parking Lot, Canopy, etc. <b>Emailing pictures is very helpful (both close ups &amp; wide shots) in determining if fixture can be retrofitted.</b>	
3	<b>REFLECTOR REMOVAL?</b>	Can the reflector be removed? Is the Mogul attached to the reflector or is it separate?	
4	<b>FIXTURE DIMENSIONS?</b>	This is very important in determining if there is space for proper heat dissipation for the LEDs.	
5	<b>MOUNTING REQUIREMENTS?</b>	Will this be a horizontal or vertical mount? Any mounting requirements or concerns?	
6	<b>QUANTITY FOR EACH FIXTURE TYPE?</b>	How many retrofits or fixtures do you need? Do you have multiple heads per a pole?	
7	<b>TYPE OF BULB REPLACING?</b>	Metal Halide? High Pressure Sodium? Fluorescent? HID?	
8	<b>WATTAGE OF CURRENT BULB?</b>	We are typically able to retrofit between 100W-1000W HID with an LED solution.	
9	<b>VOLTAGE?</b>	Very important to know, not guess.	
10	<b>WHAT APPLICATION IS LIGHT USED IN?</b>	Retail, office building, manufacturing, warehouse, etc.?	
11	<b>IS THE END-USER SATISFIED WITH CURRENT LIGHT LEVELS?</b>	Very important to know to ensure lighting expectations are being met.	
12	<b>BASE TYPE?</b>	Medium - E26, Mogul - E39	
13	<b>MOUNTING HEIGHT?</b>	This will help determine whether you may need additional optics or increased wattage.	
14	<b>COLOR TEMPERATURE?</b>	What color temp is preferred? Measured in Kelvin. 5000K is standard and cooler, 4000K more neutral.	
15	<b>OTHER SPECIFICATIONS OR ADD-ONS?</b> <i>(Additional charges may apply)</i>	Need to be DLC approved? Dimmable? Surge Protection? Optics? (Over 30 ft.) Photo Cell Sensors?	