

Power questions

5 Things an End User Should Ask
When Considering LED Retrofit Lamps



PHILIPS

sense and simplicity

What is the light output in delivered lumens of the LED lamp; and what is the system wattage consumption (of the end product)?



NOTE: It is important to ask for delivered lumens of the lamp, not lumens of the LED chips.

At a comparable
light level, what
light source and
wattage does the
LED lamp replace?



NOTE: For reflector lamps, compare Maximum Beam Candle Power (MBCP) instead of lumens.

What lifetime is specified for the LED lamp and what is the lumen maintenance at end of life?

- Do you use the recommended standards from IES: LM-79 & LM-80?
- What lifetime warranty do you have in place for your LED lamp?



NOTE: The lifetime of the LED lamp is dependent on many factors, not just the lifetime of the LED chips.

What is the color temperature of the LED lamp (end product), in kelvin; and do you publish a maximum range of color variation (in kelvin)?



NOTE: LED lamps can have large variations in color temperature resulting in visible color differences lamp-to-lamp.

What documentation do you have to verify the LED lamp has met safety requirements (UL, CSA, etc.)?



NOTE: All LED lamps need UL certification to ensure a safe product.



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