



## Technical Survey

Thanks for your interest and wise decision to pursue solid state lighting as a means to reduce carbon footprint, conserve energy and invest in a better future today. We invite you to consult one of our lighting design specialists to confirm your optimal selection of ReLux LED product prior to purchase.

Kindly review the product cut sheets supplied, which you will find are laid-out to provide information reading left to right describing the LED bulb. This information includes model for ordering, bulb type to match to existing fixture type, several beam spread lens choices (angle from narrow to wide), power consumption and bulb rating given in watts, color temperature (range from cool white to warm, the latter best for living areas), as well as the equivalent bulb power when compared to incandescent products.

*Example below.*

Type	Beam Spread	Power	Color Temp.	Equivalent/Replaced Power
<b>PAR30</b>	<b>40°, 60°, 80°</b>	<b>(15w)</b>	<b>3,000 K (warm)</b>	<b>45 - 65 watts Halogen</b>

Prior to your order, we must understand the requirements of the environment to be lit.

Please provide information on existing lighting fixtures if your interest is tied to a remodel or lighting renovation. Information on fixture type/make/model, quantity, rated power of each fixture in watts will permit us to provide best possible lighting consultation for your project. Having your existing fixture list (we will also need to know the average weekly on time – or work week) will also permit us to provide an informative study of savings that will be achieved based on the upgrade to LED.

Alternately, we can assist you to plan and design for LED lighting in your space (whether new construction or renovation) based on learning the space dimensions and what is the application or tasks to be lit.

At the least we must know average elevation to ceiling and clarification whether the space is for shop, office, studio, cafeteria, etc.

Please provide architectural drawings, including plan or layout, As-Builts preferred.

These may be sent in A-4 size for immediate study. Once we understand the area to be lit, including elevation to soffit or fixture height in the room, we can cross check to confirm issues such as beam cone, as we select for narrow to wide lens configuration.

### Benefits of Design

*Better heat dispersion through advanced aluminum housing; temperature < 45c*

*Beam Angle is flexible per your choice and lighting needs*

*Color temperature choices maximize potential use at home,*

*At the office, studio, shop or scores of other applications.*

*Constant current design*

*Replace traditional lights directly – no need to re-fixture in many cases*

*No UV or IR Radiation*

*Compliance: RoHS; CE*



Call 425-212-9092 and ask for a lighting design specialist at ReLux LED today.

Email [jsilverman@comcast.net](mailto:jsilverman@comcast.net) or visit us at [www.reluxled.com](http://www.reluxled.com)

## CREATING THE OPTIMAL LIGHTING PLAN

<p><b>Is the project new construction or a renovation?</b></p> <p><b>Can you provide drawings of the area to be lit?</b></p> <p><b>If a renovation and you do not have drawings, what can you tell us about existing fixture types, rated bulb power, quantity and placement?</b></p>	<p><i>If yes, we can study those as well as fixture schedule and control/circuiting to advise the led relighting process.</i></p> <p><b>Make/Model/Type ?</b> <i>These may be HID, Metal Halide, Halogen, Sodium Vapor, CF, T5 or T* fluorescent, and more.</i></p>	<p><i>We prefer plan view to study area to be lit, while side elevations are helpful in study as well.</i></p> <p><b>Output Power ratings?</b> <i>As measured in watts</i></p>	<p><b>Quantity ?</b> <i>What distance between centers, from fixture to fixture?</i></p> <p><b>Current placements ?</b> <i>For example sconce lights may be wall mounted at 7 ft elevation while fluorescent T5 fixtures are 9.5 ft. elevation over work benches.</i></p>
	<p><b>Are the fixtures indoors or outdoors?</b></p>	<p><i>Interior lights usually will feature warm color temperature, but some tasks are best lit in cool white. Please tell us about your intended lighting tasks.</i></p>	

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