OUTDOOR LIGHTING LAYOUT

Need a simple lighting design or point-by-point calculations? Of course you do. Which is why we made you this tool. Easily model a fixture’s light output based on mounting height, orientation, placement, and tilt. Add multiple fixtures, if you feel like it. Then, finish with a detailed, printable summary. The icing on the cake? It only takes seven steps.

To get started, visit e-conolight.com/lightinglayouttool

1. Luminaire
   - Select a luminaire from the dropdown menu. This will import the correct specs, plus a linked IES file.
   - What’s Light Loss Factor (LLF)? Glad you asked. It takes into consideration the amount of light lost due to environmental factors. You'll see it defaults to 1, which can be used for most basic applications.
   - You can also adjust lamp lumens and luminaire wattage, if you'd like to.

2. Arrangement/Layout
   - This is the part where you position your fixtures and determine layout. Use the given constraints and parameters to do so.

3. Isolines
   - The Isolines tab is set to display industry footcandle standards. Have a more advanced application? No sweat. You can adjust however you see fit.
   - Not sure how many footcandles you need? This guide can help.

4. Display
   - Use the Display tab to customize how you’d like your photometric layout scaled and presented.

5. Analysis
   - Select which data you’d like to appear on your layout, plus adjust the X and Y axes.

6. Units
   - Easily switch between Feet and Meters, Footcandles and Lux.

7. Output / Help
   - Click “Print Preview” for a comprehensive summary of your lighting layout. Alternative views, reports and layouts are also available.

GOT QUESTIONS?
We’ve got lighting experts. Give them a call at 1-888-243-9445.