

Provide key details about your greenhouse and cultivation setup to receive a customized lighting layout from the Hydrotek team. Accurate information allows us to deliver a more precise and effective design tailored to your facility.

### PROJECT INFORMATION

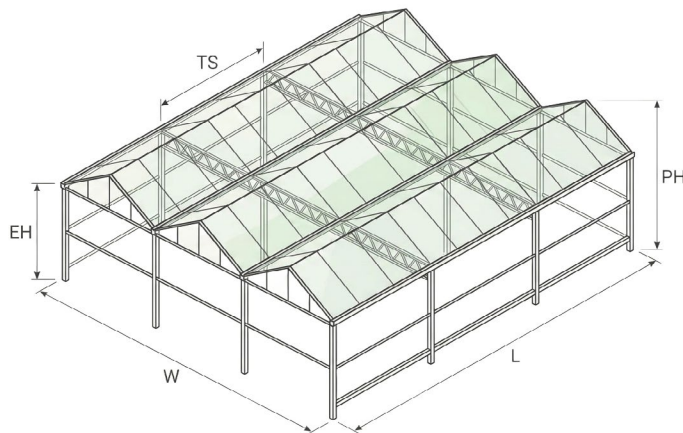
Project Name:		Company / Facility:	
Contact Name:		Phone:	
Email:		Location (City, State, ZIP):	

### GREENHOUSE SPECIFICATIONS

Structure Type:	<input type="checkbox"/> Greenhouse <input type="checkbox"/> Hybrid <input type="checkbox"/> Other	Number of Structures: <input type="text"/>
Roof Style:	<input type="checkbox"/> Arch <input type="checkbox"/> Gothic <input type="checkbox"/> Gable <input type="checkbox"/> Other	
Covering Material:	<input type="checkbox"/> Glass <input type="checkbox"/> Polycarbonate <input type="checkbox"/> Other	

**STRUCTURE(S):**

Width <b>W</b> :		# of Bays:	
Length <b>L</b> :		Bay Width:	
Eave Height <b>EH</b> :		Bay Length:	
Peak Height <b>PH</b> :		Truss Spacing <b>TS</b> :	



### GROWING AREA LAYOUT

Bench Type:	<input type="checkbox"/> Rolling <input type="checkbox"/> Stationary <input type="checkbox"/> Other
Bench Orientation:	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Custom
Benches per Bay:	

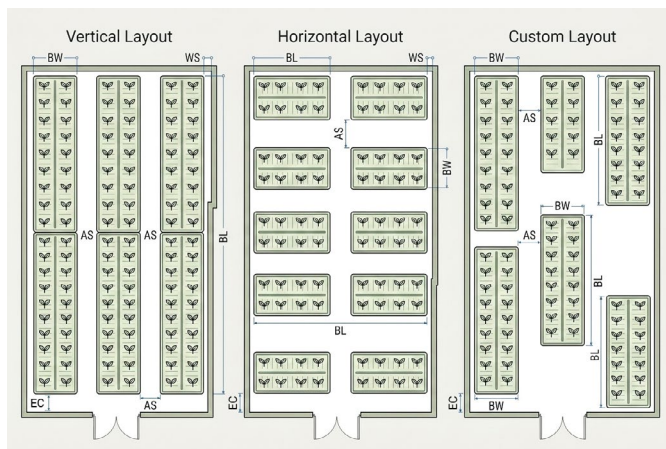
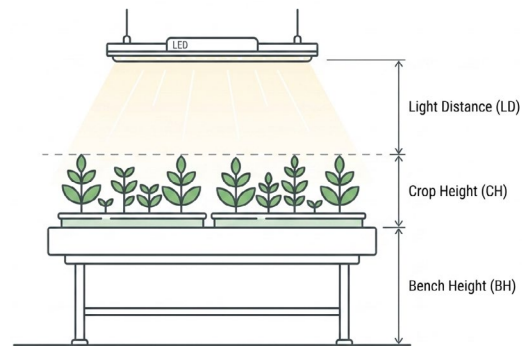
**BENCH DIMENSIONS:**

Bench Length <b>BL</b> :		Aisle Spacing <b>AS</b> :	
Bench Width <b>BW</b> :		Wall Spacing <b>WS</b> :	
Bench Height <b>BH</b> :		End Clearance <b>EC</b> :	

**OBSTRUCTIONS:**

Shade Curtain:	<input type="checkbox"/> None <input type="checkbox"/> Above <input type="checkbox"/> Below
Partition Walls:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Obstructions:	<input type="checkbox"/> Fans <input type="checkbox"/> HVAC <input type="checkbox"/> Irrigation <input type="checkbox"/> Other

**NOTES / SPECIAL LAYOUT CONDITIONS:**



Define your lighting goals and crop stage to help us tailor the most effective solution.

**LIGHTING OBJECTIVES:**

<b>LIGHTING APPLICATION:</b> <input type="checkbox"/> Supplemental Lighting <input type="checkbox"/> Photoperiod / Daylength Extension		<b>EXISTING LIGHTING INSTALLED?</b> <input type="checkbox"/> Yes If Yes, specify type/output: <input type="checkbox"/> No <input type="text"/>		<b>TARGET LIGHT OUTPUT:</b> <input type="checkbox"/> PPFD ( $\mu\text{mol}/\text{m}^2/\text{s}$ ) <input type="checkbox"/> DLI ( $\text{mol}/\text{m}^2/\text{day}$ ) <input type="checkbox"/> Not Sure (Hydrotek will recommend)	
<b>GROWTH STAGE:</b> <input type="checkbox"/> Propagation <input type="checkbox"/> Vegetative <input type="checkbox"/> Flowering		<b>CROP TYPE:</b> <input type="text"/>		<b>IF KNOWN:</b> PPFD <input type="text"/> DLI <input type="text"/>	
<b>LIGHTING PRIORITY:</b> <input type="checkbox"/> Maximum Yield <input type="checkbox"/> Balanced Performance <input type="checkbox"/> Energy Efficient		<b>PHOTOPERIOD (HOURS/DAY):</b> <input type="text"/>		<b>UNIFORMITY:</b> <input type="checkbox"/> Standard <input type="checkbox"/> High Uniformity (may require more fixtures)	

PPFD = light intensity  
DLI = total daily light

**FIXTURE OBJECTIVES:**

Specify any fixture preferences or constraints for your lighting layout.

<b>FIXTURE TYPE:</b> <input type="checkbox"/> LED <input type="checkbox"/> HPS <input type="checkbox"/> No Preference		<b>PREFERRED MOUNTING:</b> <input type="checkbox"/> Suspended <input type="checkbox"/> Rack / Bench Mount <input type="checkbox"/> Not Sure		<b>DIMMING REQUIREMENT:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure		<b>VOLTAGE AVAILABLE:</b> <input type="checkbox"/> 120V <input type="checkbox"/> 208V <input type="checkbox"/> 240V <input type="checkbox"/> 277V <input type="checkbox"/> 347V <input type="checkbox"/> Not Sure		<b>ENVIRONMENTAL:</b> <input type="checkbox"/> High Humidity <input type="checkbox"/> Washdown Required (IP Rated) <input type="checkbox"/> High Temperature <input type="checkbox"/> Standard Conditions	
				<b>CONTROL PREFERENCES:</b> <input type="checkbox"/> Manual <input type="checkbox"/> Central Controller <input type="checkbox"/> Environmental Integration <input type="checkbox"/> Not Sure					

**CUSTOM LAYOUT SKETCH:**

Use the grid below to sketch your greenhouse layout, including bench arrangement, aisle spacing, and any obstructions. A clear layout helps us deliver a more precise and efficient lighting design tailored to your facility.

