

Request for Greenhouse Light Plan

PROJECT INFO

Project Name* _____

Customer Name* _____

Street* _____

City* _____

State* _____ ZIP* _____

Phone* _____

Email* _____

4800 Hinar Drive
 Beamsville, Ontario
 CANADA L0R 1B1

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 Fax: 905.563.0445
 E-Mail: info@pllight.com

www.pllight.com

DEALER INFO (If Applicable)

Dealer:* _____

Contact Name* _____

Phone* _____

Email* _____

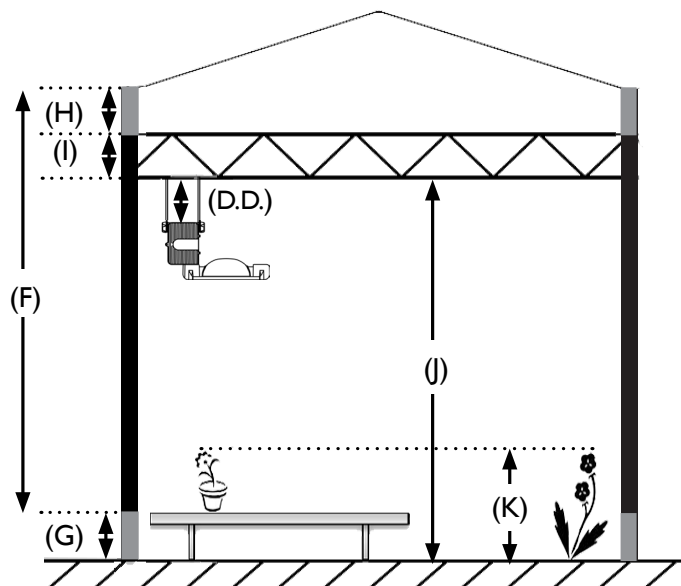
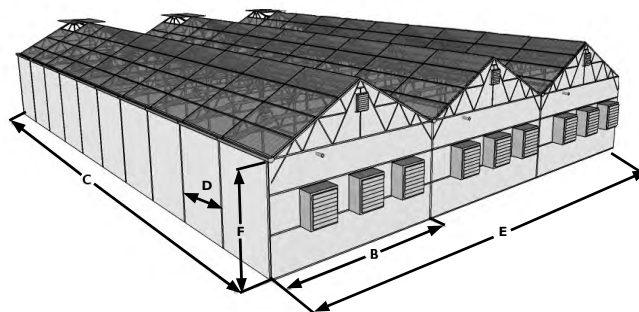
Potential Order Date* _____

(A) # Bays*	_____
(B) Bay Size*	_____
(C) Total Length*	_____
(D) Section Size / Truss Spacing	_____
(E) Total Width	_____

(F) Gutter Height	_____
(G) Height of Concrete Pile	_____
(H) Gutter to Truss*	_____
(I) Truss Height*	_____
(J) Underside Truss to Ground*	_____
(K) Top of Crop (from Ground)*	_____

Crop Type*	_____
Light Level ($\mu\text{mol}/\text{m}^2\cdot\text{s}$)*	_____
Desired Light Source*	_____
Desired Spectrum (LED only)*	_____
Voltage Required*	_____

Track/Truss Mounting Preference	_____				
Track/Truss Cross-section Dimensions	<table border="1"> <tr> <td>width</td> <td>_____</td> </tr> <tr> <td>height</td> <td>_____</td> </tr> </table>	width	_____	height	_____
width	_____				
height	_____				
(D.D.) Drop Distance <small>Bottom of track/truss to top of fixture housing - max. allowable 12 in / 30 cm</small>	_____				



* Indicates required information. The light plan is designed on the basis of the available information.
 P.L. Light Systems is not liable for any inaccurate or missing data.

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Vertical Floor Plan

Number of Benches _____

(BL) Bench Length _____

(BW) Bench Width _____

(AW) Aisle Width _____

(W-B) Wall to Bench Distance _____

(SW-B) Side Wall to Bench Distance _____

Horizontal Floor Plan

Number of Benches _____

(BL) Bench Length _____

(BW) Bench Width _____

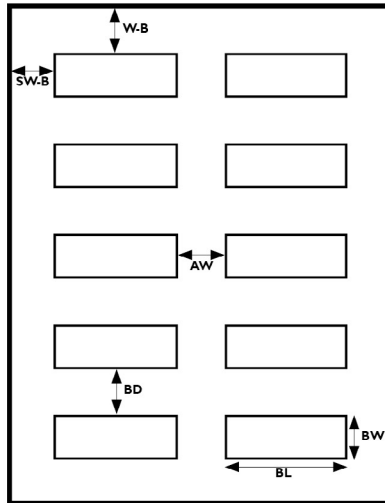
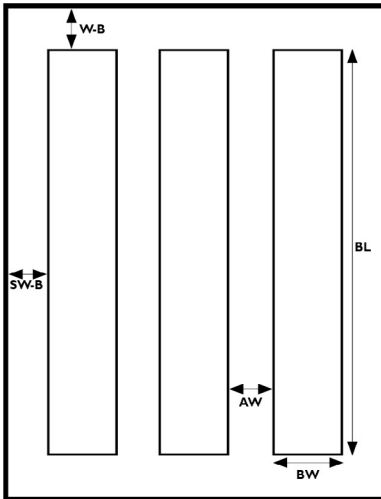
(AW) Aisle Width _____

(W-B) Wall to Bench Distance _____

(SW-B) Side Wall to Bench Distance _____

(BD) Bench to Bench Distance _____

Other Floor Plan



	Yes	No
Shade Screen If yes, is it on the top or bottom chord of the truss?	_____	_____
Heating Pipes	_____	_____
Irrigation Pipes	_____	_____
Other Obstacles If yes, what kind:	_____	_____

	Yes	No
Newly Built Greenhouse	_____	_____
Fixtures Already Present If yes, what type	_____	_____

Notes:

- Please sketch in the location of the aisles, sinks, and other areas that do not need supplemental lighting. In the case of more complex areas, please include the greenhouse design plans.
- Heating pipes, irrigation pipes, etc., affect the uniformity and light levels. Please sketch in the exact locations and their numbers.

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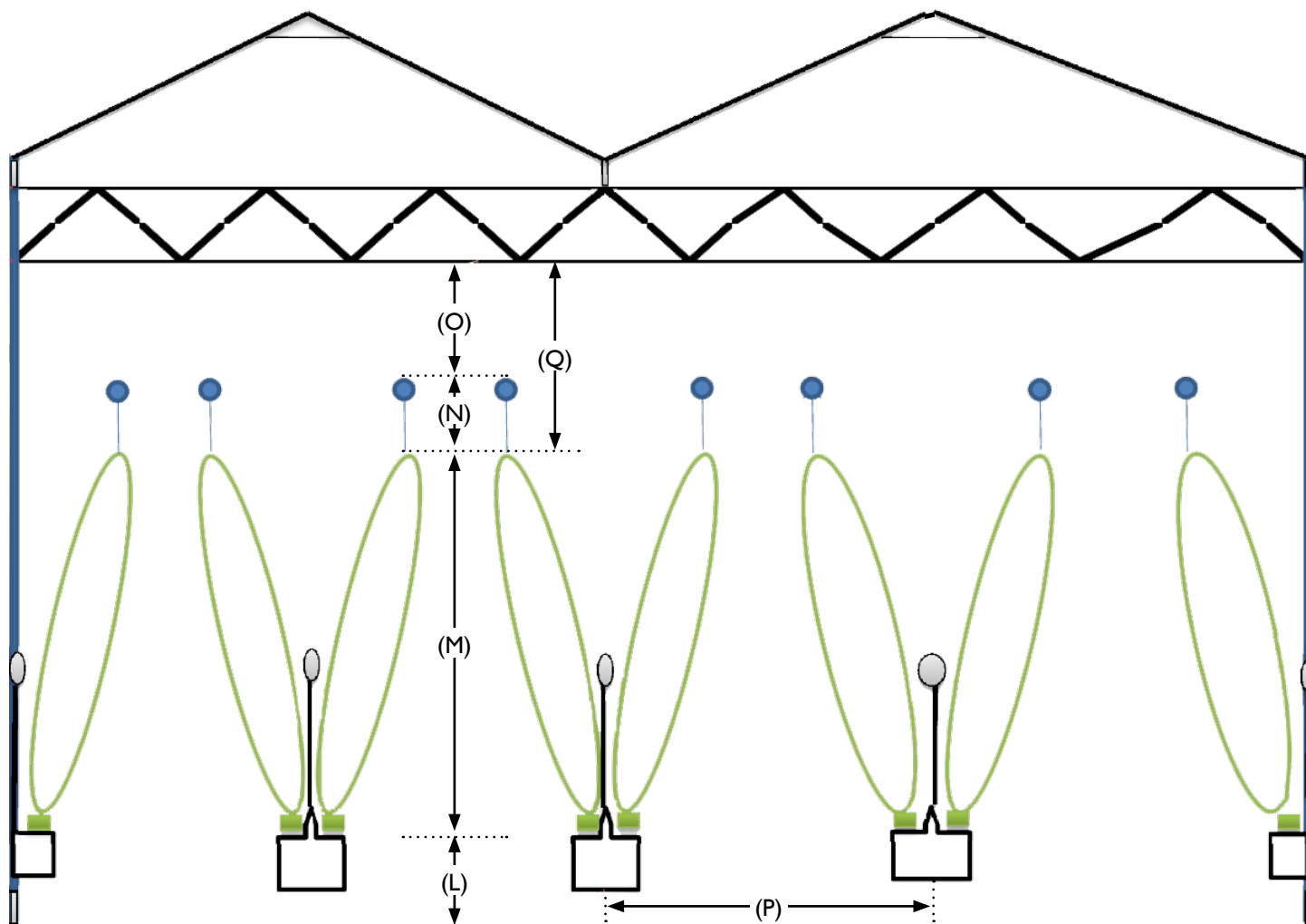
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Note: Completion of this page is only required for high wire crops like tomatoes, etc.

(L) Crop Gutter Height	_____
(M) Crop Height	_____
(N) Top of Crop to Crop Wires	_____
(O) Underside Truss to Crop Wires	_____
(P) Distance between Crop Rows	_____
(Q) Underside truss to Crop (O + N)	_____
# Crop Rows per Bay	_____

This calculation is based on exact measurements in perfect conditions. Because of this you may experience some variance in light-levels.

All fixtures must be mounted straight and level in all directions to achieve the calculated light-level and uniformity



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