



## CONTACT US

## Request A Light Plan

Successful grow lighting begins with a carefully considered light plan. A lighting plan calculates the best possible coordination of luminaires, reflectors, distribution patterns and distance between luminaires and the crop. This requires a thorough analysis of various factors, such as the desired light level, the light distribution, the most effective mounting height, the greenhouse structure, irrigation, screening and heating.

### What Combination Is Best?

As lighting specialists, P.L. Light can provide you with expert advice about the ideal combination of all these factors to ensure that you will achieve optimum lighting quality with as few fixtures as possible. Using proprietary computer software, we generate a tailor-made light plan, based on the specific needs of a given project.



### STEP 1: SELECT YOUR APPLICATION

- GREENHOUSE
- INDOOR
- VERTICAL

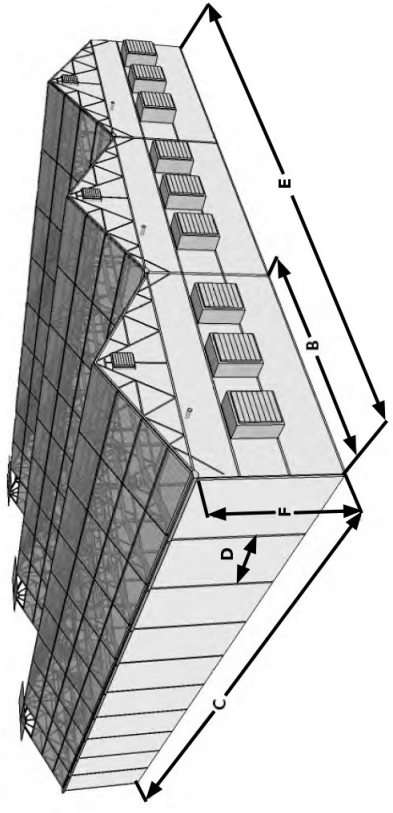
### STEP 2: LIGHT PLAN

To request a custom light plan for your application, complete the form below. Should you need to sketch any aisles, obstacles, non-traditional layouts, etc. on the plan, please download the pdf version.

**Note: For all light plan requests for taller / vine crop applications, please complete PDF form.**

**DOWNLOAD**  
Download a blank map as a PDF  
**DOWNLOAD** →

**UPLOAD**  
Upload your completed lightplan.  
Browse... No file selected.



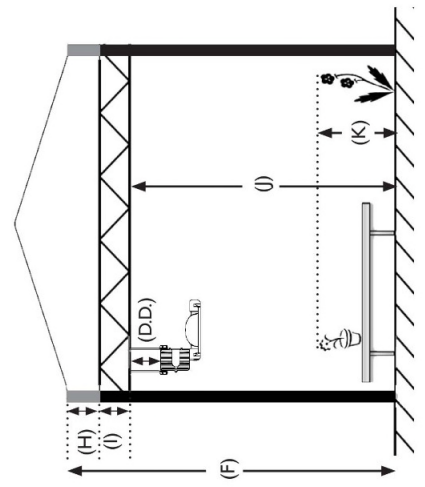
(A) Number of Bays \*

(C) Total Length \*

(E) Total Width \*

(B) Bay Size \*

(D) Section Size / Truss Spacing \*



(F) Gutter Height

(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)

LED

Preferred Reflector (HID only)

Preferred Lamp (HID only)

Voltage Required \*

120

Track/Truss Mounting Preference

Track Drop from Truss (track only)

Track

Track/Truss Cross-section Dimensions: (width x height)

(D.D.) Drop Distance (bottom of track/truss to top of fixture housing)

Standard

Custom Drop Distance (max allowable 12in / 30cm)

Shade Screen \*

Yes, on the top chord of the truss

Yes, on the bottom chord of the truss

No

Heating Pipes \*

Yes

No

Irrigation Pipes \*

Yes

No

Describe any other obstacles

Newly Built Greenhouse \*

Yes

No

If fixtures are already present, what type are they?

### PROJECT INFO

Project Name \*

Customer Name \*

Street Address \*

Address Line 2

City \*

State / Province / Region \*

ZIP / Postal Code \*

Country \*

417 / russia/ruwe Country

Phone \* Email \*

Dealer Potential Order Date

Contact Name Phone

Email

**CAPTCHA**

I'm not a robot

**SUBMIT LIGHTPLAN**

All light plans are designed on the basis of the supplied information. P.L. Light Systems is not liable for any inaccurate or missing data.

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