

BudBoost

EN User and Installation Manual



P.L. LIGHT SYSTEMS

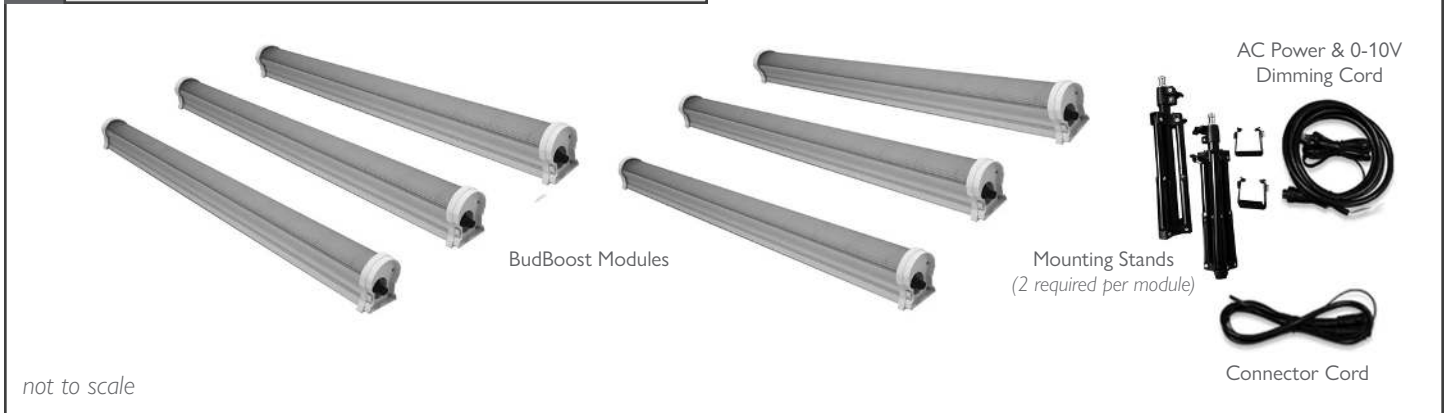
THE LIGHTING KNOWLEDGE COMPANY

Installation Instructions | BudBoost: Under-Canopy Lighting

Please carefully review the instructions in this guide, before installing and/or operating the product.

Always turn off and lock out the branch circuit before commencing installation or maintenance work.

1 Main Components



- Unbox BudBoost modules and place on a soft surface, along with relevant accessories

2 Set Up & Attach Mounting Stands



- Assemble the mounting stands by attaching one clip to the top of each tripod stand and adjust height to desired mounting height beneath the lower crop canopy..
- With lens facing upwards (towards the ceiling), position one fully assembled mounting stand beneath each end of the BudBoost module.
- Holding the one end of the BudBoost module in one hand and the middle post of the tripod stand in the other, align the module with the open end of the clip on top of the stand and press module down until it's fully engaged in the clip.
- Repeat with opposite end of module to attach the second mounting stand.



ATTENTION: Luminaires should only be installed by qualified individuals, and in accordance with national and local building and electrical codes.



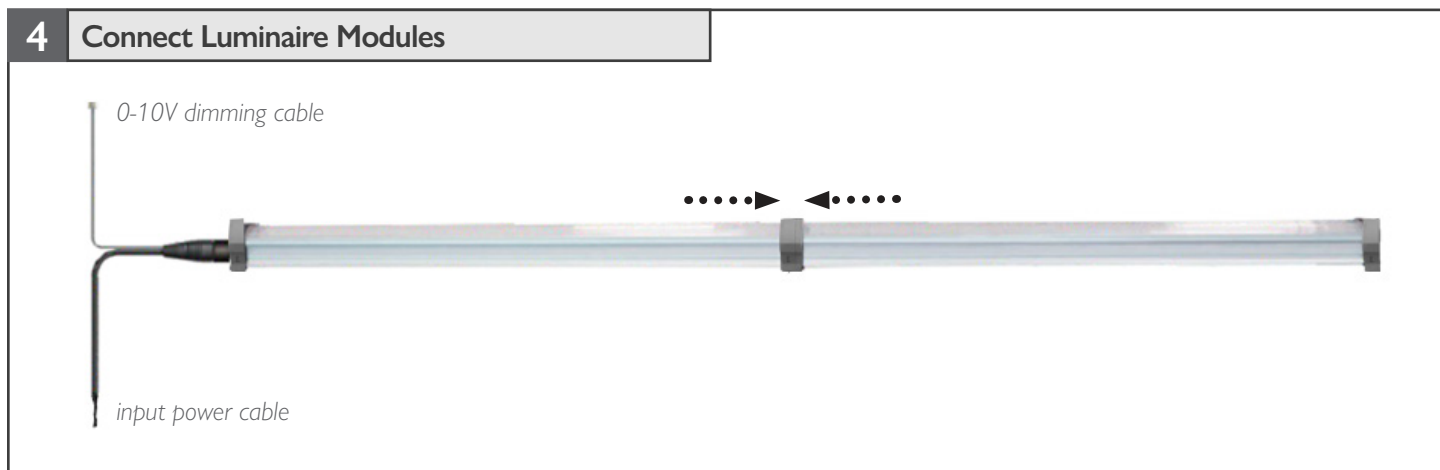
3 Position Luminaire Modules



- Once the mounting brackets have been attached, position the BudBoost modules on the floor between each row of the crop.

Note: Ensure the power input connector of first module is positioned on the outside of the row (where it can be connected to the power source) and that the power output end is lined up with power input connector of next module.

4 Connect Luminaire Modules



- Connect the BudBoost modules together by aligning the open connectors and pressing together until fully engaged.

First Module in each Daisy-Chain String:

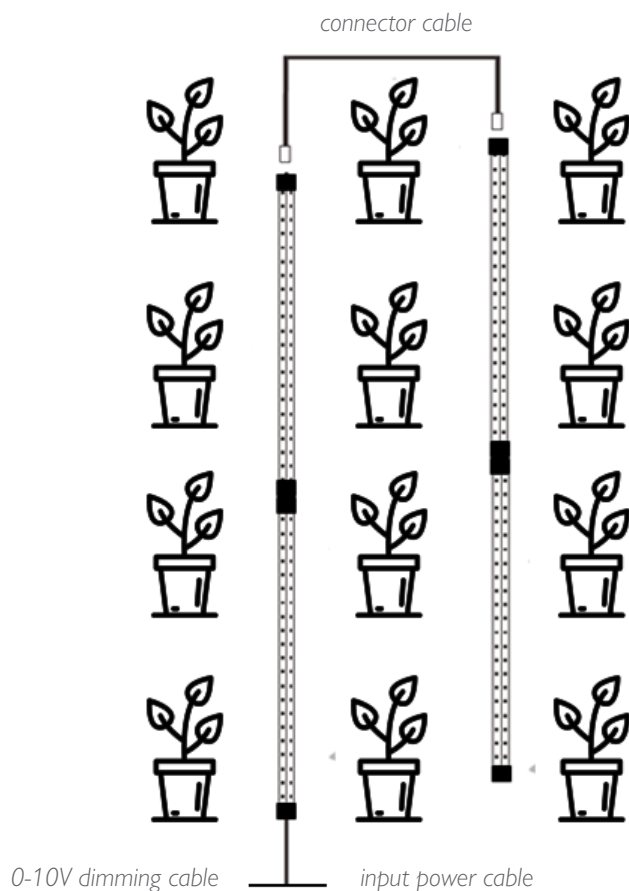
- Connect the whip end of the power cord to the branch circuit. Align female connector on power cord with male luminaire connector of first BudBoost module and push until fully engaged.
- If connecting luminaire(s) to a control system, connect 0-10V dimming cable to control system.



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Connecting Rows



- If connecting BudBoost modules from one row to the next, use the connector cable.
- Note that the max # modules that can be daisy-chained together applies, whether modules are connected continuously or via connector cable. Refer to daisy-chain guide below

See table below for maximum number of luminaires that can be daisy-chained per string.

DAISY-CHAIN GUIDE	
POWER	MAX # MODULES
120V	7
208V	13
240V	15
277V	17
347V	20

NOTE: The max # modules connected together applies, whether modules are connected continuously in a single row or when connecting modules via connector cable.



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