

## Powerful & Efficient



## Overview

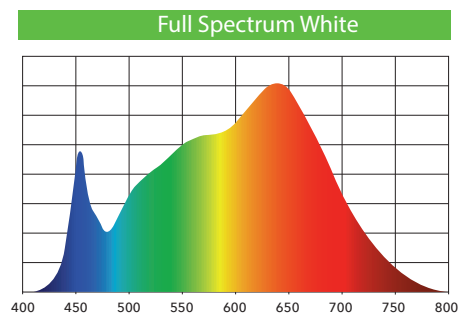
The new Boost Light Bar is a high output, high efficiency LED grow light designed to replace older lighting technologies including high pressure sodium and ceramic metal halide.

### FEATURES & BENEFITS

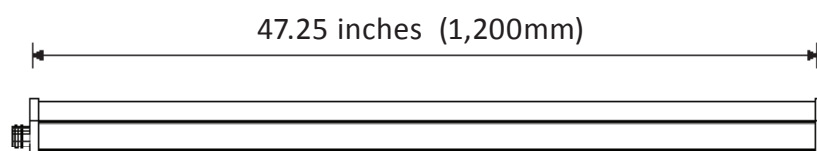
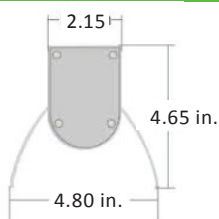
- Greenhouse Supplemental: Increase DLI by 5-10 moles
- Indoor Vertical Grow: 1,000 umols/m<sup>2</sup>/sec on the canopy
- Patent-pending intensity compensation technology
- 45-deg & 120-deg beam angles
- 0-10V dimming from max intensity to off
- Simple wiring & daisy-chaining
- 5-Year Warranty

### SPECIFICATIONS

- 285 umols/sec Light Output
- 130W Electrical Input
- 2.2 umols/joule Efficiency
- 100V-277V Input
- IP66 Waterproof, UL & cUL Listed
- 62,000 Hour Lifetime

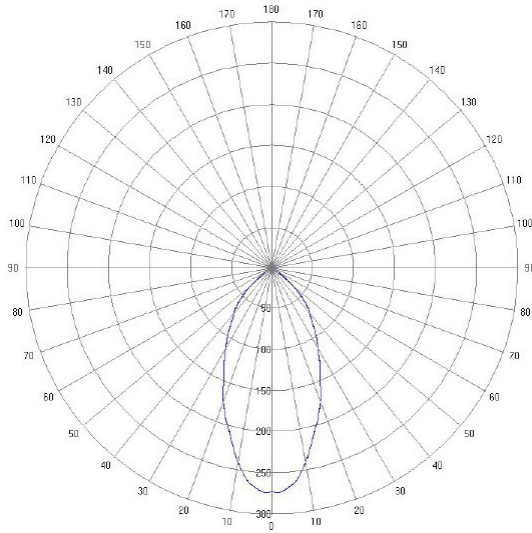


## Dimensional Drawing



## ILLUMINATION INTENSITY VS ANGLE

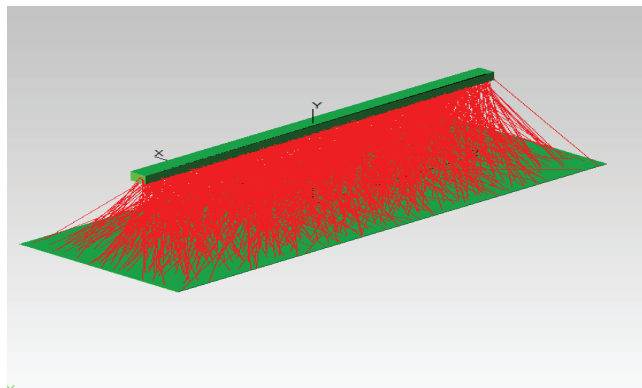
### 45 Degree Beam Angle



## LIGHTING LAYOUTS

Lighting layouts for a variety of horticulture applications can be found at: [www.thriveagritech.com](http://www.thriveagritech.com).

If you need a customized lighting layout, please contact our customer support team at: 800-205-7216.



## WIRING & INTERCONNECTION

Boost LED light bars can be electrically connected end-to-end or with interconnection cables. See the installation manual for detailed instructions.

## DIMMING

Two wire 0-10V dimming. Dimming spans from max intensity to off. Dimming control access via fixture connector and cable.



Male Connector



Female Connector



Dimming Cable

## MAXIMUM DAISY-CHAIN

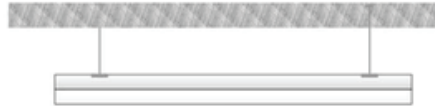
Voltage	Max # of connected lights	Length
110	7	28 ft.
240	14	56 ft.
277	19	76 ft.

## MOUNTING

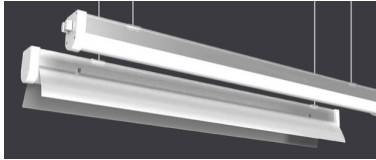






Flush mount



Suspension mount



## PART NUMBERS

<u>Part Number</u>	<u>Description</u>	<u>Photo</u>
BST-FSW-DIM	Boost light bar, 130W	
RFL-BD-45	Reflector Lens 45 degrees (1 pair)	
BDPC2	Wall power cable: 2 meters in length	
BDINC05	Interconnection power cable: 0.5 meters in length	
DIMPC2	Dimming controls cable with flying leads: 2 meters in length	
DIMINC05	Interconnection dimming cable: 0.5 meters in length	
SMBUN-BD	Suspension mount bundle	
FMBUN-BD	Flush mount bundle	