

## DESCRIPTION

Accelerate the growth of your plants through their entire life cycle with this LED strip grow light fixture. Allowing you to switch between red light and blue light, this fixture allows you to provide the peak spectrum needed by your plants depending on their growth stage.

## FEATURES

- Blue spectrum light promotes healthy root development and strong plant growth during the vegetative stage; red spectrum light promotes higher yield during flowering stages
- LEDs generate less heat than other types of grow lights, reducing the amount of heat in indoor grow rooms and allowing the lights to be closer to the plants
- Light intensity can be manipulated by adjusting the fixture height; see Mounting Heights section for recommended heights based on growth stage
- Connect up to 10 fixtures end-to-end using included 5' SJTW power cord
- Toggle between red and blue light using water-resistant push button switches on top of the fixture; see installation instructions for more information

## LISTINGS

- ETL rated for wet locations
- RoHS
- FCC

## PERFORMANCE

- PAR ( $\mu\text{mol/s}$ ): 30.57
- Rated lifetime L70: 50,000

## THERMAL

- 32°F to 104°F (0°C to 40°C) operating temperature

## ELECTRICAL

- Input Voltage: 120V

## INSTALLATION

- Designed for suspension mounting with included hooks, 14" chains, and mounting accessories; see installation instruction for more information

## CONSTRUCTION

- Polycarbonate housing with white finish

project name	type
catalog number	
comments	voltage
approved by	date



## WARRANTY

- 3 year limited warranty; see [pltsolutions.com](http://pltsolutions.com) for warranty details

## APPLICATIONS

- Greenhouses
- Grow Tents

# PERFORMANCE SUMMARY

<b>PERFORMANCE</b>	Watts	20
	Life Hours	50000
	PAR (µmol/s)	30.57
<b>ELECTRICAL</b>	Input Voltage	120V
<b>CONSTRUCTION</b>	Material	Polycarbonate
	Finish	White
<b>LISTINGS</b>	Certifications	ETL Listed; FCC
	Material Usage	RoHS – No mercury or lead
	Environment	Wet Location Rated

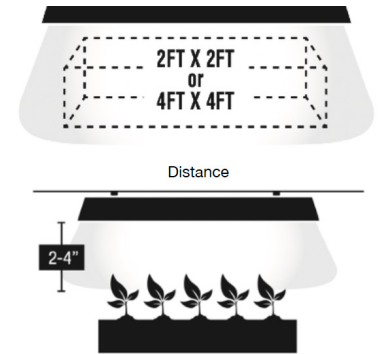
Lighting Summary, Horticultural Application			
Brand	Archipelago Lighting	PAR (µmol/s)	30.57
Model	GL-9-2-20-RBS	PAR efficacy (µmol/J)	1.5
Lamp Type	LED	PAR efficacy (mol/KWh)	5.5
Voltage(VAC)	120	Luminous Flux (lm)	658
Current(A)	0.185	CCT (K)	100000
Power(W)	20	CRI (Ra)	None
Photon Flux (µmol/s)		Normalized Photon Flux	
mm range (µmol/s)			
400-499	13.520		
500-599	0.270		
600-699	16.780		
<b>Total</b>	<b>30.570</b>		

## MOUNTING HEIGHTS

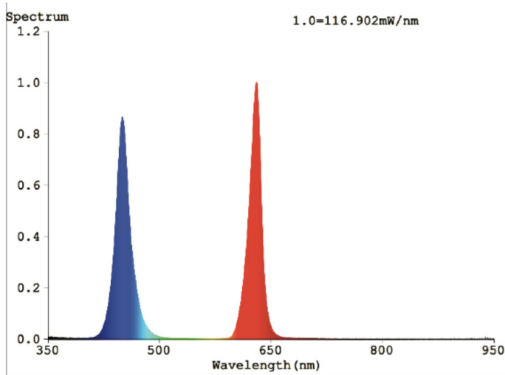
Plant Type	Distant (in)*	Growth Stage
High Intensity	2-4	Mature plants vegetative, flowering
Low Intensity	12-24	Seeding (>2 leaves), pre-vegetative

\*between light and top of plant

Only two 2ft fixtures are required for coverage of an area of 2ft x 2ft



## SPECTRUM



## DIMENSIONS



### **DIMENSIONS**

Length: 22.5"  
 Height: 1.8"  
 Width: 5.1"  
 Weight: 1.9 lbs.