

Sunlight LED is NOT Affiliated with Sunlight Supply, Inc.

# Sunlight LED

## GROW LIGHTS

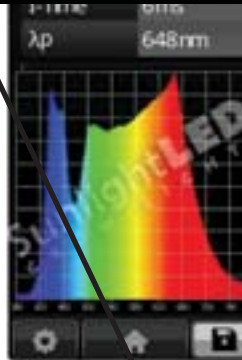
Industrial Agricultural LED Solutions

Sunlight LED is NOT Affiliated with Sunlight Supply, Inc.

On one page they claim 94,560 Lumens for the SL-400 and on the next page they claim it's 125,000 Lumen. Both of these are impossible to achieve in that they are both over 300 Lumens per watt.



Full Spectrum Sunlight LED Grow Light



400W LED Full Spectrum LED Chip

DIGITAL LIGHT METER

8785

400W measured at 90°

94,560 Lumens

### Sunlight LED SL-300

Item Number:	SL-300 (300W)
Light Source:	LED
Input Voltage:	110V-277V AC
Frequency Range:	50~60Hz
Power Consumption:	300W
Ideal Replacement:	MH/HPS Lamps
Net Weight:	9.2 kg
LED Initial Lumens:	90,000 lm
Light Beam Angle:	68°
Body Lens:	Glass
Body Case Material:	Die Cast Aluminum
Suitable Height:	18-48" from plants
IP Grade:	IP65 (can be washed!)
Size:	18-1/16" x 12-1/8" x 12-9/16"
Lifespan:	>50,000 Hrs

### Sunlight LED SL-400

Item Number:	SL-400 (400W)
Light Source:	LED
Input Voltage:	110V-277V AC
Frequency Range:	50~60Hz
Power Consumption:	400W
Ideal Replacement:	MH/HPS Lamps
Net Weight:	10.8 kg
LED Initial Lumens:	125,000 lm
Light Beam Angle:	68°

This is the same 300 watt fixture made by the parent company Brightlight. The Brightlight is an area light which as you will see on their spec is rated 24,000 Lumen. For a grow light to put out more energy in the visual range than the area light shows they dont know what their doing even when their cooking the numbers. There is no way they have a light at 90,000 Lumens. That would be 300 Lumens per watt. A landmark accomplishment worthy of a Nobel Prize in physics.

## 300 Watt LED High Bay Lights

Bright Light will customize 100-400 Watt LED High Bays to provide the right industrial lighting solution for you



[Overview](#) [Product Specifications](#) [Photometric Charts](#)

### Product Specifications

Item Number:	BL-HB02-300W-WW (Warm White) BL-HB02-300W-NW (Natural White) BL-HB02-300W-DW (Day White)
Light Source:	Cree® LED
LED Quantity:	1pc
Input Voltage:	110V-277V AC
Frequency Range:	50~60Hz
Power Consumption:	300W
Base/Connection:	AC (18 AWG - Wired)
Ideal Replacement:	MH/HP5 Lamps
Net Weight:	9.2 kg
LED Initial Lumens:	24,000-27,000 lm (LPV varies based on color temp)
Lumens Per Watt:	>95%
Color Temperature:	Warm White: 3,000K Natural White: 4,000K Day White: 5,700K
Color Rendering Index:	>70
Light Beam Angle:	60°
Body Lens:	Glass
Body Case Material:	Die Cast Aluminum
Suitable Height:	1-3M
IP Grade:	IP65 (IP67 available upon request)
Size:	459mm x 374mm x 323mm
Lifespan:	>50,000 Hrs

*Based in the same 300 watt fixture being offered as a grow light with three times the stated Lumen output, I would advise anyone interested in Highbay area lights to buy the grow light as you will only need one of those for every three of these of course this is ludicrous. The manufacturer is correct on the Highbay spec and, at best, confused with the growlight spec. The biggest problem this represents for Brightlight and Sunlight is that the Lumen output on the growlamp assuming custom plant spectral distribution should be much lower lumens as this is a visual region.*