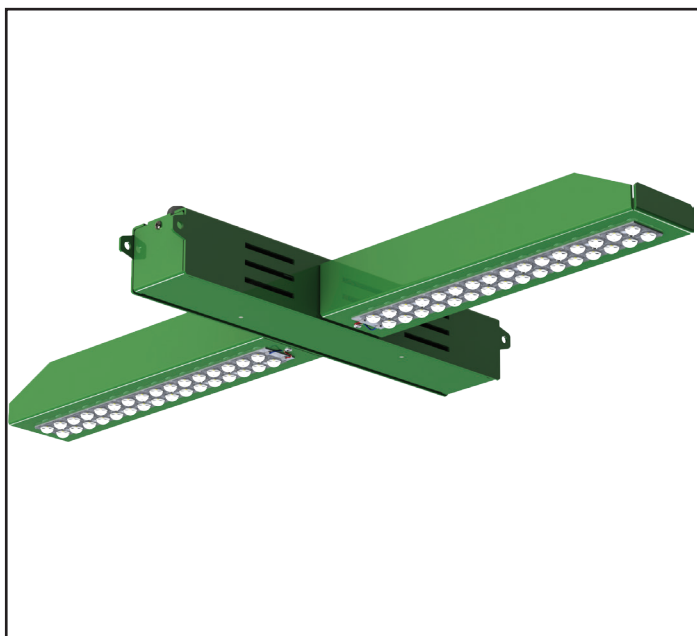


# RapidGrow-2 LED Specifications

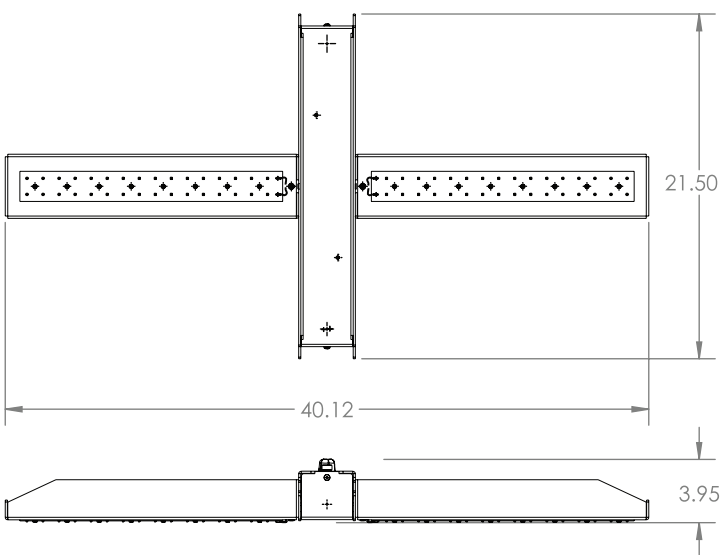


Project Name: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Type: \_\_\_\_\_

RapidGrow Specs	
<b>Spectrum</b>	3K (Bloom), 4K (Vegetative), and 3/4K (Seed to Harvest)
<b>PPF</b>	≥ 501 μmol/s
<b>Input Power</b>	218W
<b>Efficacy</b>	≥ 2.3 μmol/J
<b>Input Voltage</b>	100-277V, 347V, 400V & 480V
<b>Weight</b>	27lbs 11oz
<b>Max Ambient Temperature</b>	95°F / 35°C
<b>Dimming</b>	10V-Source
<b>Light Distribution</b>	15°/45°
<b>Lifetime L90</b>	60,000 hours
<b>Power Factor</b>	> 90%
<b>Warranty</b>	5 Year Standard Warranty



Electrical Load - Amperage Draw							
Ordering nomenclature	System Watts	120V	208V	240V	277V	347V	480V
RapidGrow 2 - RPD-2	218	1.82	1.05	0.91	0.79	0.63	0.45

## Ordering Information

MODEL	WATTAGE	SPECTRA	LIGHT DISTRIBUTION	VOLTAGE	MOUNTING	FINISH	OPTIONS	MOUNTING ACCESSORIES
RPD-2	218	3K 3K/4K 4K Full Spectrum	Symmetrical Flat Greenhouse Narrow	120 to 277 347 to 477	Cable Mount Ready Trunnion Mount	Forest Green Black Grey White	Wireless Control 10' cord 15' cord NEMA 5-15P NEMA 6 6-15P NEMA L7-15P	1-5' Adjustable Cable Mount Kit 6-10' Adjustable Cable Mount Kit 11-15' Adjustable Cable Mount Kit



## RPD-2 2x4 Flowering Footprint

The **RPD-2** is optimized for the 2 by 4 Flowering foot print. A linear design helps cover space most efficiently. Excellent for semi-commercial horticulture cultivation, or a full-cycle top-lighting solution for home hobbyists cultivating without CO2 supplementation at ambient conditions.

### Housing

The LED light engines are constructed of heavy-duty, extruded aluminum, with heat radiating fins. The driver compartment allows for easy access, cooler operation and longer life.

### Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for five (5) years.

### Thermal Management

The RPD Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the RPD Series to withstand higher ambient temperatures and drive currents without degrading LED life. The RPD Series has a low thermal resistance rating. The heat radiating fins create superior thermal management results.

The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The RPD Series LEDs have been determined to last a minimum of 100,000 hours in 25°C environments. See LED Data Chart for additional test results.

### Optical System

The highest lumen output LEDs are utilized in the RPD Series. Distribution Type Symmetrical Narrow 40° is standard. LED light assemblies come in multiples of 32 LEDs.

- Custom optics available

### Mounting

- Available standard for:
  - Cable Mount

### Electrical Assembly

The RPD Series is supplied with an adjustable current high-performance LED driver that accepts 120V to 277V or 347V to 480V, 50 Hz to 60 Hz, input. Power factor of ≥ 90%.

- Rated for -40 °C to +65 °C temperature operations.
- 10 kV surge protector supplied as standard.
- 5' Cord as standard.
- 0-10v Dimming Driver

### Warranty

- Five (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit [npsled.com](http://npsled.com).

### Options

- Wireless Control
- Cord

### Listings

- UL/cUL listed UL 1598 Suitable for damp locations
- UL 8750 LED equipment in Lighting Products
- Powder Tough™
- DLC Listed \*Pending

