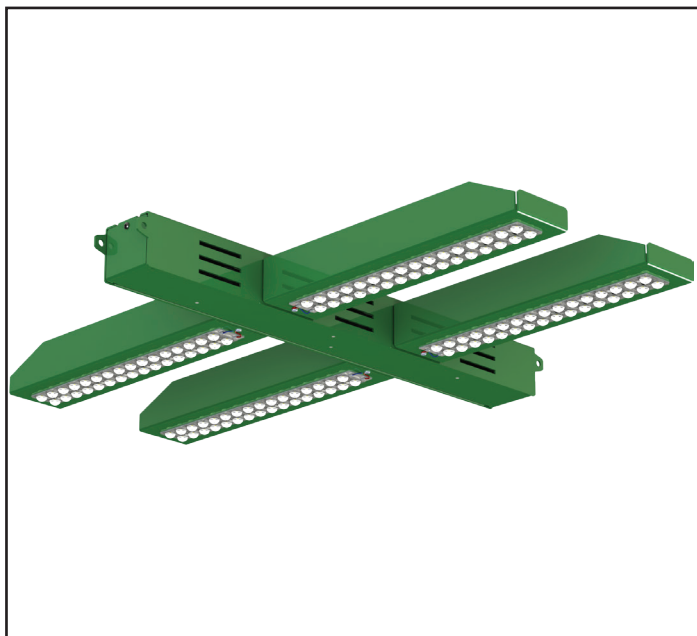


RapidGrow-4 LED Specifications



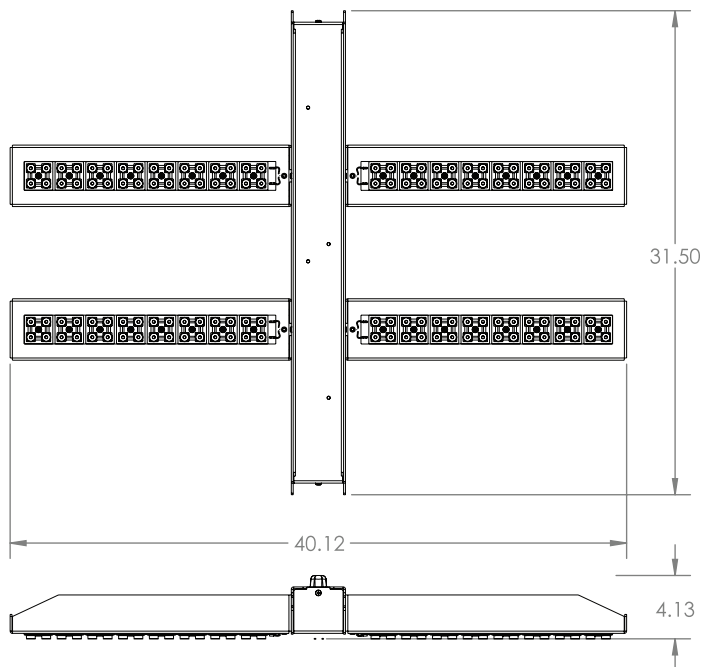
Project Name: _____

Catalog Number: _____

Type: _____

RapidGrow Specs	
Spectrum	3K (Bloom), 4K (Vegetative), and 3/4K (Seed to Harvest)
PPF	≥ 501μmol/s
Input Power	430W
Efficacy	≥ 1.2μmol/J
Input Voltage	100-277V, 347V, 400V & 480V
Weight	27lbs 11oz
Max Ambient Temperature	95°F / 35°C
Dimming	10V-Source
Light Distribution	15°/45°
Lifetime L90	60,000 hours
Power Factor	> 90%
Warranty	5 Year Standard Warranty

Electrical Load - Rapid Grow 4 - RPD-4							
Ordering nomenclature	System Watts	120V	208V	240V	277V	347V	480V
Rapid Grow 4 - RPD-4	430	3.63	2.10	1.82	1.57	1.26	0.91



Ordering Information

MODEL	WATTAGE	SPECTRA	LIGHT DISTRIBUTION	VOLTAGE	MOUNTING	FINISH	OPTIONS	MOUNTING ACCESSORIES
RPD-4	430	3K 3K/4K 4K Full Spectrum	Symmetrical Flat Greenhouse Narrow	120 to 277 347 to 480	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-4 3x4 Flowering Footprint

The **RPD-4** is optimized for a 3 by 4 Flowering footprint. High output LED's combined with superior optics outperform the competition. The **RPD-4** is excellent for any low-ceiling indoor horticulture application. Designed for ease of use in reflective tents and for home hobbyists where CO2 is not being supplemented, it provides a range of output to fit any PAR Requirements.

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.

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

