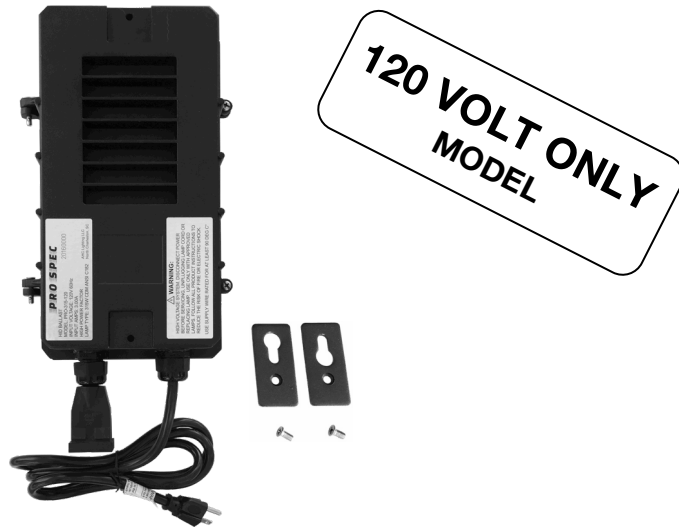


PRO SPEC

315 WATT CERAMIC METAL HALIDE REMOTE GROW BALLAST

MODEL: PRO-315-120



The PRO SPEC 315 Watt (ANSI C182) is a professional grade ballast for 315 Watt ceramic metal halide lamps. Ballast is dimmable from 100% to 50% light output using external 0-10V controls. The powder coated die cast aluminum enclosure is rated for wet locations to protect ballast and components from the environment. Assembled in the USA.

Ballast utilizes PHILIPS brand components. Electronic ballast is specifically designed for PHILIPS 315 Watt CDM Elite and ANSI C182 ceramic metal halide lamps. Operates lamps at low frequency square wave and has built in safety features to ensure long lamp life, reliable and safe operation. Ballast monitors lamp operation and is equipped with lamp end of life (EOL) protection. Thermally protected. The aluminum enclosure is designed to dissipate heat and keep the components cool, extending the service life. Ballast operates lamp at 100% output. Dimming requires an external 0-10V dimmer or 0-10V controller.

Features:

- PHILIPS ballast specifically designed for (ANSI C182) ceramic lamps
- Input Voltage: 120 Volts
- 5' 120V (NEMA 5-15P) power cord
- High Power Factor: >90%
- Remote mounting: up to 25ft
- Sealed powder coated aluminum enclosure
- Suitable for wet locations
- 3 Year Warranty

PRO SPEC 315 WATT REMOTE GROW BALLAST

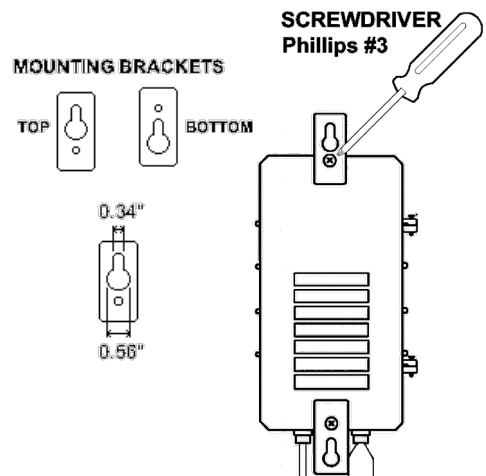
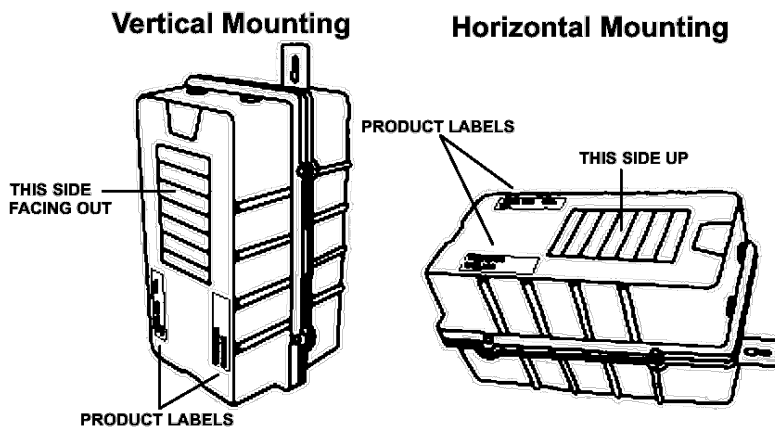
Important Product Information

WARNING!

Follow all product instructions and warnings to reduce the risk of fire or electric shock. Ballast generates high voltage during operation. Disconnect power before servicing, unplugging lamp cord or when replacing lamp. Use only with approved lamps.

Mounting and Installation

Ballast must be properly mounted. Ballast comes with mounting brackets, allowing the ballast to be wall mounted. Brackets must be installed on the backside (side without product labels). The side with product labels is the front side of the ballast. The shown mounting positions allow proper cooling. Operating ballast in other positions will VOID WARRANTY.



Ballast is required to be installed in a well-ventilated location. Provide adequate room around the ballast for proper cooling. Do not place near other heat sources or in a confined space. Maximum allowed ambient air temperature: 104°F / 40°C

Electrical

Ballast enclosure is rated for wet locations. Operating system (ballast/lamp) near water or in damp/wet conditions requires the feeding circuit to be equipped with Ground Fault Protection. Ballast and lighting system must be properly grounded.

PRO SPEC 315 WATT REMOTE GROW BALLAST

Important Product Information

Ballast is designed for the North American market. Ballast comes standard with a grounded (NEMA 5-15P) 120 Volt plug. Never remove the grounding or alter the power cord. Plug is compatible with standard 120 Volt outlets.

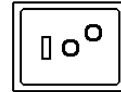
120 VOLT PLUG
(NEMA 5-15P)



Never overload a circuit. A hazardous and dangerous condition could result. Ballast electrical input:

Input Volts: 120 Volts, 60 Hz
Input Amps: 3.00A
Power Factor: Greater than 90%

**BALLAST
RECEPTACLE**



Ballast is equipped with a common ballast output receptacle. Works with various brand cord sets. **DISCONNECT POWER BEFORE PLUGGING IN OR REMOVING THE LAMP CORD FROM THE BALLAST RECEPTACLE!** Make sure all plugs are completely seated and lamp is properly installed before powering. The ballast outputs high voltage and can cause severe arcing. Use only with ≥ 600 Volt rated cord sets and wire. Lamp holder must also be pulse rated (4000V minimum). Ballast to lamp cable length limit will depend on wire and wiring techniques used (Up to 25 feet possible).

Ballast is designed to operate 315 Watt ceramic metal halide lamps (ANSI C182) only. Using lamps not designed to ANSI C182 standard will VOID WARRANTY.

Ballast meets FCC part 18 standards and operates at low frequency square wave. Recommendations to keep interference at a minimum:

- Keep ballast power cord and lamp cord separated
- Keep lamp cord short
- Avoid large cord loops or wire bundles
- System must be properly grounded

Operation

All high intensity discharge lamps require a warm up period. It may take a few minutes for the lamp to light and then the lamp will warm up to full brightness over a few minutes. Lamps require a burn in period (typically 100 hours). During this period light levels may fluctuate, lamp may flicker and light color can vary. During the burn in period it is recommended to light the lamp a minimum of 15 minutes each time, even for testing purposes. Difficult lamp starting could result. Hot lamp may take up to 20 minutes to relight. Ballast will automatically power down if a lamp fails to light after 30 minutes or a failing lamp is detected. To reset ballast, cycle power to the ballast.

Ballast Dimming

Ballast utilizes standard 0-10V dimming protocol (Dimming wires: violet + / gray -). Ballast dimming is optional using an external 0-10V dimmer or controller. Ballast operates at 100% output without dimming. Dimming wires are accessible inside the ballast enclosure. For detailed information regarding ballast dimming please refer to the Ballast Dimming Specification sheet.

Limited Warranty

AHC Lighting LLC, warrants to the original purchaser (first end-user purchaser) only, that its lighting components will be free from defects in material and workmanship for the specified warranty periods listed (3 years from the date of purchase). If a product fails to operate or is found to be defective during the warranty period, AHC Lighting LLC will repair or replace, at our discretion. Failure to follow all product instructions, improper use or abuse is not covered under warranty. To request warranty service please contact AHC Lighting LLC directly.