DER-III Remote DE Ballast

Nanolux Technology has redesigned its DE-REMOTE (DER) high frequency ballast to offer increased efficiency, performance, and reliability.

Design Improvements:

- 50% more cooling fin surface area
- Strike voltage increased from industry standard of 5000V to 7000V allowing 100% firing of all lamps at 15'
- Improved design to optimize cooling under ballast
- New internal heat dissipation technology
- Improved PFC circuit design for efficient use for 120-240V/277 in commercial applications

Run your DE lamp in an air-cooled reflector by using the Remote Double Ended ballast. This ballast allows the user to choose various reflector options that allows the ballast to operate remotely like a traditional electronic ballast. The Nanolux DER-APP has increased the standard of 1150W to 1200W allowing the ballast to drive the lamp hard enough to produce a class leading PAR output. The Nanolux DER-APP is fully sealed and ready for even the most rugged environments. This ballast is NCCS APP ready, meaning you will be able to control it wirelessly on your computer through the Nanolux Cloud Control System. Like all of our ballasts the DER-APP comes with Random Start, Soft Start, and Soft Dimming capabilities. All Nanolux ballasts are ETL listed meeting product safety standards.

- 600W and 1000W Models Available
- NCCS APP
- Random Start, Slow Start, open circuit and low voltage protection
- Soft Start and Soft Dim Technology
- 6 phase dimming (600-1200W)
- Class leading lowest operating temperature
- Compatible with all industry DE HPS & MH Bulbs
- Non Fan Ballast (fully sealed)
- 3 Year Warranty

Input Voltages: 120-240V, 277V
Output: 600-1200 (6 settings)
Input Frequency: 50/60Hz
Operational Frequency: >105kHz
THD: <10%
Power Factor: >0.99
CF <1.7
Ta = 86F, **Tc** = 149F
Ballast Weight: 8.25lbs
Ballast Dimension: 12.6"x6.6"x4.1"

NCCS APP WIRELESS COMPATIBLE

Use the NCCS APP to control your grow room from anywhere in the world with your Smart Phone or Tablet. The first of its kind; the NCCS is an "all-in-one" application that will continually expand to satisfy your growroom needs. The phone APP is far more versatile and extensive compared to the original PC software release. The new APP will have the same lighting features plus several new controls including: room temperature, humidity, and CO2 --all integrated into the NCCS THC controller and soon with our pH/EC doser. Just like the with the lighting controls, the THC and pH controller will be wireless, and adjustable from the APP. With the APP you can set the perfect growing parameters and have the peace of mind knowing it's all automated. No longer do you have to constantly walk through the grow room and take readings from several different controllers. Simply open your phone APP to monitor or adjust settings depending on your plants' needs. This means less time wasted in the growroom and therefore less of a chance of disrupting the controlled environment, or introducing outside pathogens. This system will continue to expand as we introduce new controllers and monitors. Our next launch will include remote connectivity to Nanolux security cameras, environmental controllers, and dosing controllers in the Spring of 2017. We look forward to bringing you the newest, and most reliable environmental controllers on the market.