

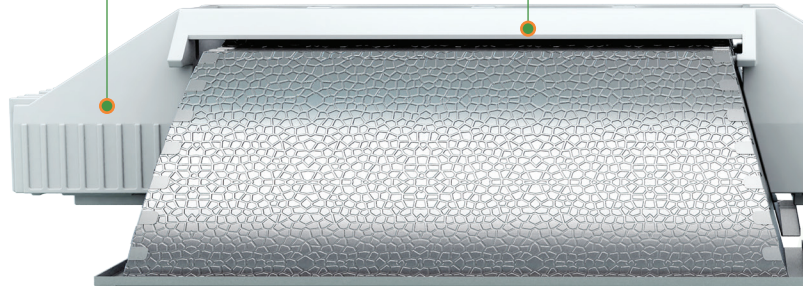
NANOLUX EXCLUSIVE FEATURES THAT SEPARATES NANOLUX FROM OTHER BRANDS

HEAVY DUTY DIE CAST ALUMINUM BRIDGE WILL NOT RUST

LOWEST PROFILE FIXTURE ON THE MARKET ALLOWING FOR MAXIMUM PLANT HEIGHT

BALLAST & REFLECTOR CAN SEPARATE FOR REMOTE BALLAST PLACEMENT IF DESIRED

CLASS LEADING LOWEST OPERATING TEMPERATURE BALLAST

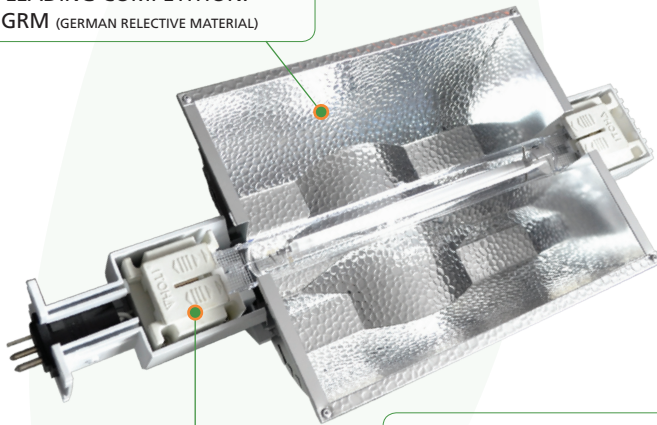


THE ONLY WIRELESS CONTROLLED DE FIXTURE ON THE MARKET NO NEED FOR RELAYS/LIGHT CONTROL PANELS OR TIMERS

208-240V RANGE. 277V, 347V, 480V

EXCLUSIVE 1200W OVERDRIVE. MOST LUMEN OUTPUT ON THE MARKET

REDESIGNED & UPGRADED REFLECTOR THAT PROVIDES 8% BETTER LIGHT UNIFORMITY THAN THE LEADING COMPETITION. 97% GRM (GERMAN SELECTIVE MATERIAL)



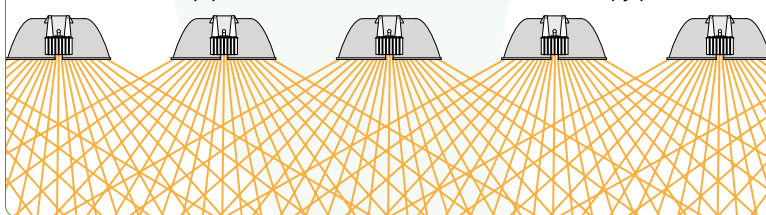
EXCLUSIVE CERAMIC INDUSTRIAL GRADE RECEPTACLES

We've pushed the newest & hottest technology in lighting to the next level. We've increased the standard 1150W to 1200W producing class leading luminous flux of 160,300lm. The upgraded components, like ceramic lamp receptacles, make the Nanolux DE Fixture the safest on the market.

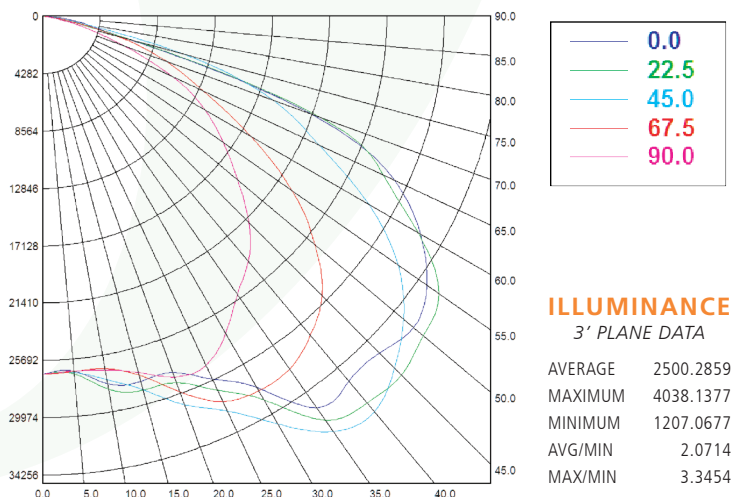
This fixture is commercial grade so its design quality and durability are second to none. The Nanolux DE fixtures are NCCS ready. NCCS (Nanolux Cloud Control System) is one of the many technologically advanced features offered exclusively by Nanolux. With NCCS, you will be able to control up to 999 lights on your computer.

Like all of our ballasts the DE comes with random start technology. Random start uses an algorithm that will start the ballast within a 0-15 second window. This allows for less initial power draw when using multiple ballasts.

Commercial overlap provides both vertical and horizontal canopy penetration



NANOLUX SQ REFLECTOR DISTRIBUTION CURVE



DE FIXTURES ELECTRICAL 1000W / 600W DATA				
Certifications	FCC, ETL, CE	Voltage	220V	1000W Ballast @ 100% Setting
Input Frequency	50/60 HZ		240V	600W Ballast @ 100% Setting
Power Factor	>.98		277V	
THD	<10%		347V	
NCCS	Compatible		480V	

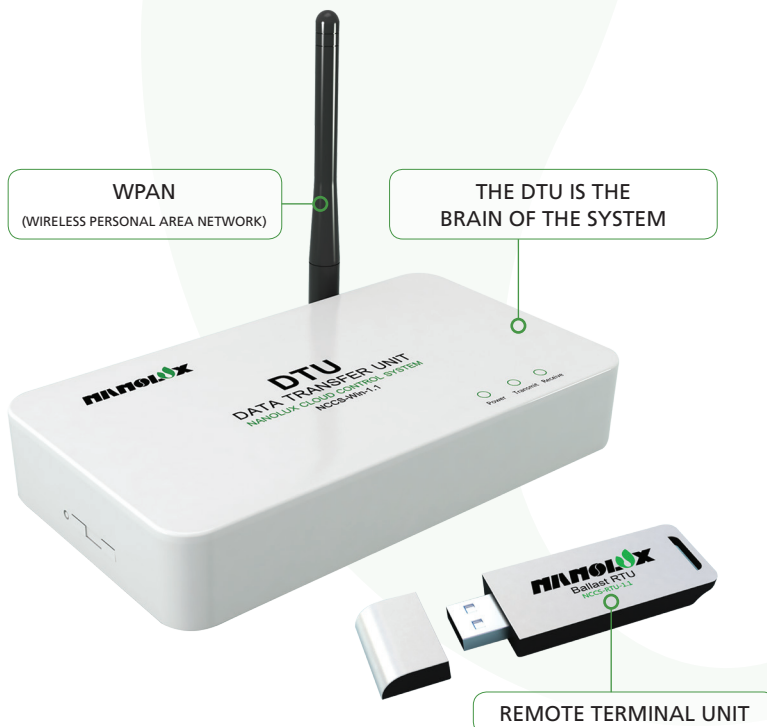
- NCCS ready - DTU and RTU sold separately
- Nanolux sunrise/sunset with additional hi-temp shutdown
 - Features through NCCS router
- Out of the box plug and play installation
- Best commercial fixture in its class for light uniformity reflector
- Dimming
 - 1000W - 6 phase dimming (600-1200 WATTS)
 - 600W - 5 Phase dimming (300-660 WATTS)
- These unit include a Nanolux DE lamp
 - 1000W (2100 μ mol) 600W (1150 μ mol)
- Patented and exclusive ceramic receptacles (no melting plastic)
- Other interchangeable reflector options (COMING SOON)
- Compatible with other industry DE lamps
- Slow soft start, open circuit and low voltage protection
- 3 Year warranty on fixtures and 1 year warranty on lamp
- Input voltage 208/220/240Vac, 277V, 347V, 480V
- Input frequency 50/60Hz – output frequency 85-105kHz
- THD <10%, PF > .99, CF <1.7, -Ta = 30°C (86°F), Tc = 65°C (149°F)
- BTU output of fixture
 - 1000W – 4200BTU
 - 600W – 2550BTU

Ballast & fixture separate for remote installation



15' max
* lamp cords sold separately *

NCCS COMPATIBLE



NANOLUX CLOUD CONTROL SYSTEM

The Nanolux Cloud Control System was designed and engineered to provide a complete solution for the control of the lighting and environmental controls of a grow room. The NCCS system allows for precision control of all devices in a grow room through its simple and intuitive computer software program. At the heart of the NCCS is a software program which allows you to specify all of the parameters of your lighting and environmental control settings in your room. The program is then downloaded from your computer to the DTU (DATA TRANSFER UNIT). The DTU is the brain of the system which communicates and controls all of the selected functions in the grow room. A WPAN (WIRELESS PERSONAL AREA NETWORK) is created to communicate with the individual RTU (REMOTE TERMINAL UNIT) USB devices (BALLASTS, DOSER, ETC). The NCCS system currently allows for precision control of your lighting system, with features such as dimming, multiple zones, high-temperature dimming along with fan control. The NCCS will be adding CO₂ functions, humidity and temperature control, pH and nutrient control, pump control and remote camera features in the near future.