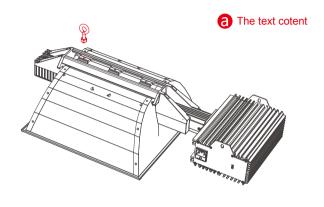
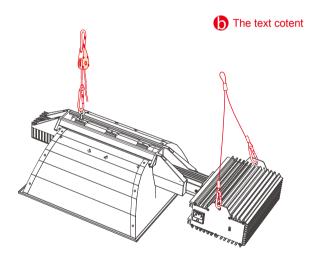
# FIXTURE HANGING

The Nanolux DE fixture should be handled with care. If it is damaged or deformed you should replace it. We recommend to change the reflector every year for optimal results. Replacement reflectors are available through your Nanolux Technology reseller.

To replace the reflector, you must remove the lamp first as described above in how to install the lamp. Let the reflector cool down if it has been operating to prevent an injury. At the end of the reflector bracket, you will find a chrome knob. Pull the knob outward to release the pin holding the reflector in place (a-1). The reflector can then be pulled away from the ballast end of the bracket to remove it from the two pins holding it in place (a-2 & a-3). When inserting the new reflector, slide it into the two pins (a-2 & a-3) and then release the pin (a-1) to secure it in place.







## **CAUTION**

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There are no serviceable parts inside the luminaire. Opening the luminaire will void warranty. Keep housing clean from dust and dirt with a dry or damp cloth to ensure optimal cooling. When using a damp cloth disconnect from the power first. Check your electrical connections regularly.from dust and dirt with a dry or damp cloth to ensure optimal cooling. When using a damp cloth disconnect from the power first. Check your electrical connections regularly.



## **WARRANTY**

Nanolux Technology warrants the mechanical and electronic components of this product to be free of defects in material and workmanship if used under normal operating conditions for a period of three (3) years from the original date of purchase. If the product shows any defects within this period and that defect is not due to user error or improper use Nanolux Technology shall, at its discretion, either replace or repair the product using suitable new or refurbished parts. For Nanolux DE HPS lamps and reflector the warranty period is one (1) year from the original date of purchase. In case Nanolux decides to replace the entire product, this limited warranty shall apply to the replacement ballast for the remaining initial warranty period, i.e. three (3) years from the date of purchase of the original product. For service return the ballast to your shop with the **original sales receipt.** 

For more information about Nanolux product please visit nanoluxtech.com









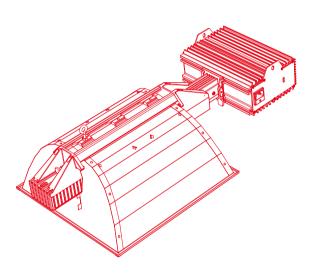


### PATENTED PRODUCTS, COUNTERFEITING NOT ALLOWED.

Designed by NANOLUX in California Made in China

# OPERATING MANUAL DIGITAL ELECTRONIC BALLAST

CMH 630NC 315x2



ADJUSTABLE POWER+ SOFT DIM



# PLEASE READ THESE INSTRUCTIONS FIRST BEFORE INSTALLATION

Congratulations on the purchase of your new Nanolux DE FIXTURE 1000W and 600W luminaire. We have done everything to insure a long life and safe operations, but the installations and use of the ballast is the responsibility of the user. Incorrect use or installations can lead to failure and damage to the ballast. Damage to the luminaire and electronic circuitry as a result of incorrect installations and use revokes your warranty. Read this manual carefully before installing your luminaire.

## **TECHNICAL SPECIFICATIONS**

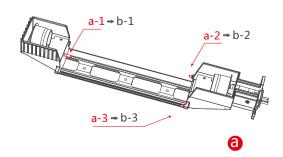
			I	
Model	1000W		600W	
	No Fan	Fan	No Fan	Fan
Input Voltage	208VAC-240VAC	120VAC-240VAC	208VAC-240VAC	120VAC/240VAC
Output Voltage	200V-300V		80V-150V	
Input Frequency	50-60Hz		50-60Hz	
Output Power	1200W Max		600W Max	
Power Factor	≥0.99		≥0.99	
Crest Factor	< 1.7		< 1.7	
THD	≤10%		≤10%	
Dimming	600W-660W-750W-825W-1000W -1200W		300W-450W-600W -Super-Lux	
Strike Lamp	Double Ended Lamp		Double Ended Lamp	
Protection Function	Over Temperature Protection; Over/Under Voltage Protection; Open/Short Circuit Protection;			
Size (L*W*H)	670*301*115mm 26.4*11.8*4.5 inch	670*330*115mm 26.4*13*4.5 inch	670*240*115mm 26.4*9.4*4.5 inch	670*270*115mm 26.4*10.6*4.5 inch
Weight	5.54 kgs 12.21 lbs	5.88 kgs 12.96 lbs	4.62 kgs 10.2 lbs	4.95 kgs 10.91 lbs



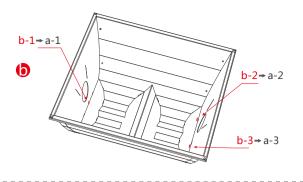
## REFLECTOR/LAMP HOLDER INSTALLMENT

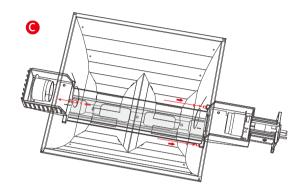
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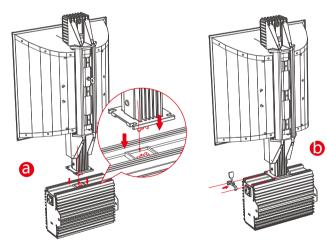


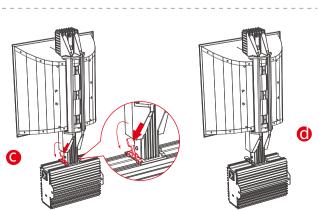


## HOW TO INSTALL LAMP HOLDER ON BALLAST

The Nanolux DE fixture ballasts are designed to drive horticultural high frequency HPS lamps for plant cultivation. They are intended for climate room use. They are suited for a damp location but should not be used outdoors or in wet environments.

High Intensity Discharge lamps generate intense heat. Installations of HID lamps should follow local installation and safety regulations.

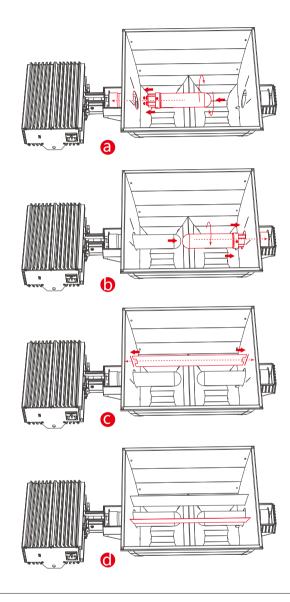






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# NOTALLATION COMPLY WITH LOCAL INSTALLATION REGULATIONS

These luminaires are suitable for a damp indoor location. Do not install your luminaires in a wet environment or outdoors.

Do not operate these luminaires close to combustible materials. The lamp and reflector will get hot during operation. Do not touch the reflector or lamp during or right after operation. Make sure the power cord does not touch any hot part of the luminaire. Make sure the lamp is clean and inserted correctly.

A normal operating environment temperature should be below 122°F. Exceeding the maximum environmental temperature will stress electronic components, which will lead to shorter lifetime and decreased reliability.

When using a NCCS RTU in the USB port of a Nanolux ballast, the Dimming function control dial on the ballast will be taken out of function.