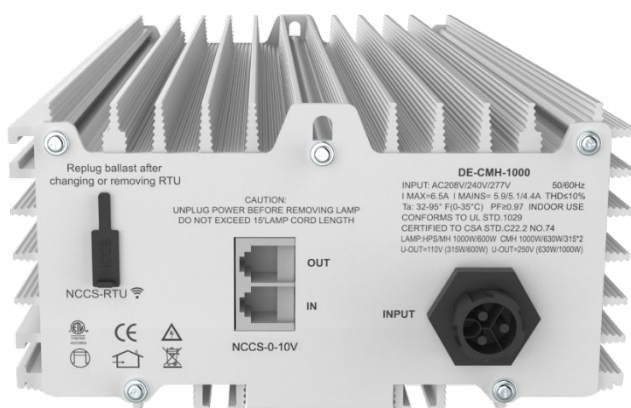


Summit Series Lighting System

The Nanolux Summit series modular lighting system allows growers to invest in lighting systems that can be utilized in many different applications. The backbone of the Summit system is the Summit ballast. The Summit ballast is the first ballast that operates a range of lamp styles and wattages with the correct lamp voltage, operation frequency and strike voltage. The ballast will correctly operate all HPS, MH and CMH lamp configurations between 600W and 1000W. Simply select the correct lamp style and wattage and the ballast will now properly operate that way within the proper operational parameters.

The Summit series modular system also allows different lamp arm configurations and a variety of reflectors for different growing styles. Nanolux has also developed a new operational warranty chip which allows faster processing times on warranties and replacements. The Summit series ballast also operates between 208 – 277 volts allowing for the ballast to be any commercial voltage application.

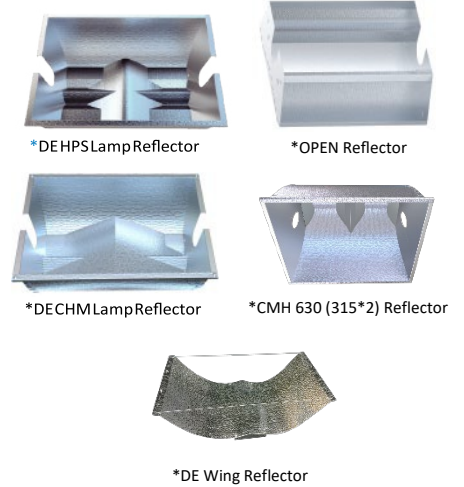


Summit Series Lighting System

Technical Specifications

Technology Items	Specification/Parameters
Industry applied	Grow lighting, industry lighting (Indoor only)
Output power	HPS/MH 1000W 500W-1100W HPS (SE or DE) HPS/MH 600W 300W-660W (SE or DE) CMH 1000W 750W-1000W CMH 630W 473W-630W (DE Lamp or 315x2 Lamps)
Dimming	NCCS-RTU/NCCS-0-10V; Super-Lux; 100%; 75%; 50%
Input voltage	AC 208V/240V/277V
Input frequency	50/60Hz
Power factor Efficiency	≥0.97->95%
THD	≤10%
Protection	Open circuit protection, short circuit protection, bulb aging protection
Operating temperature	0°C~35°C
Lamp available	HPS 1000W/600W & MH 1000W/600W & CMH 1000W/630W
Requirement of installment	ETL Listed, CE certificate

Summit Reflectors (Germany Alanod 97%)



Bulb 1: DE-HPS 1000W & 600W



DE-HPS 1000W



DE-HPS 600W

Bulb 2: DE-MH 1000W & 600W



DE-MH 1000W 4K 6K



DE-MH 600W 4K 6K

Bulb 3: DE-CMH 1000W & 630W



DE-CMH 1000W 3K 4K



DE-CMH 630W 3K 4K

Bulb 4: 315 lamps x 2



Summit Lamp/Reflector Arms



*CMH 630 (315*2) ARM



*DE Lamp ARM

Summit Power Cords

Cords available in 6' and 15' lengths in 120V, 240V and 277V plug styles.



5-15P



6-15P



L7-15P