DE Fixture-Summit 1000W 120V/240V/277V

Summit

Operates all DE lamps between 600W-1000W (HPS, MH, CMH)

6 types of lamps are compatible

HPS 1000W	HPS 600W
MH 1000W	MH 600W
CMH 1000W	CMH 630W

Features

• Full digital circuit ballast with maximum efficiency up to 95%

Pure aluminum alloy material is applied to help dissipate heat. Height and amount of crenate coolers (heat dissipation) are calculated accurately by thermodynamically technology. Products undergo rigorous testing to keep long-term safety and stability.

• Reflector applies special material to achieve 97% reflectivity

It's convenient and easy for users to regularly remove and clean, and easier to maintain the reflector. This design achieves highest efficiency of lighting. Reflector can enhance deeper penetration, which enables irradiation more evenly and guarantees the best angle for planting illumination area.

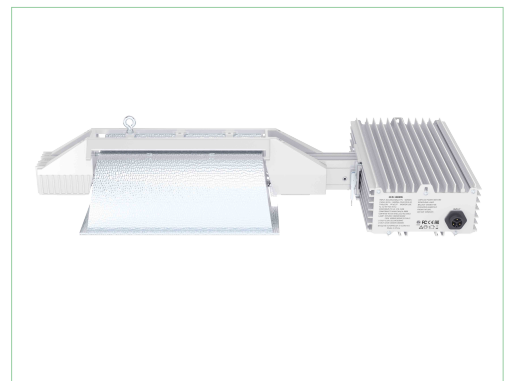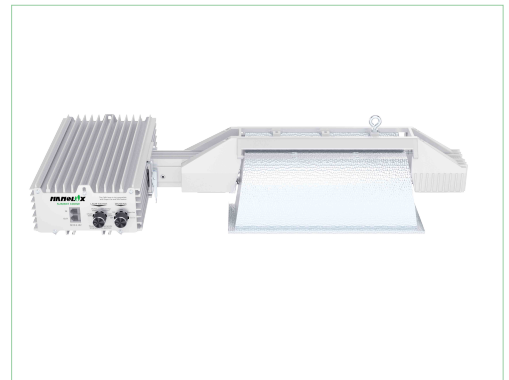### • Ceramic socket with better insulation & non-flammability

Alumina 95 ceramics with better hardness, high temperature and pressure resistence and non-flammability is applied for the socket that matches Nanolux patented design. The unique structure design is convenient and easy for users to replace and maintain the lamp and to guarantee the safety of production and management.

• The installation of sheet metal arm is convenient and fast

Adopt sheet metal process design prevents the deformation and rupture that are caused by high and low temperature, thermal expansion and contraction. The lamp holder matching holes to fix the socket is more stable. The reflector matching a automatic design is perfectly combined with arm mold. This is a secure, convenient and stable design.

• 0-10V dimming makes centralized control available

Control module in the fixture can make the group lighting control ON/ OFF available along with 20%~100% precise dimming adjustment.

Specifications

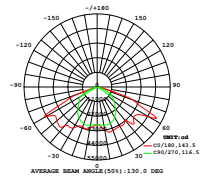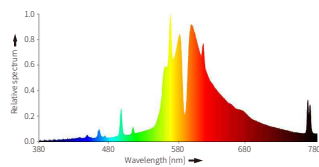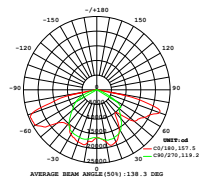|	
Product	SUMMIT 1000W
Product code	80.01.0403(US) / 80.01.0404(EU)
Model code	NB-FDHMC1000H-(120-277)NNL1-AAAI
Output power	DE-HPS/MH1000W: 500~1100W DE-HPS/MH600W: 300~660W DE-CMH1000W: 750~1000W DE-CMH630W: 473~630W
Dimming	0-10V; HPS/MH: Super-Lux,100%,75%,50%; CMH: 100%,75%
Input voltage	AC120V/240V/277V
Input current	10.5A/10.0-4.9-4.2A
Input frequency	50/60Hz
Power factor	≥0.97
Efficiency	>95%
THD	≤10%
Protection	Open/short circuit protection, bulb faulty protection, bulb aging protection, input undervoltage protection, over-temperature protection
Operating temperature	0°C~35°C
Lamp available	HPS 1000W/600W & MH 1000W/600W & CMH 1000W/630W/315*2
Initial Luminous Flux	150000lm (Double ended HPS 1000W)
PPF	2100µmol/s (Double ended HPS 1000W)
Requirement of installment	Comply with ETL/FCC/CE/EAC certificate
Whole machine efficiency	150000Lux (Laboratory test value)
Product dimensions	667x285x118mm
Product weight	5.6KG
Packaging method	Carton Box/1 Set (ballast, arm, reflector, power cord, instructions)
Packing dimensions	680x340x160mm
Gross weight	6.9KG
Number of containers	20GP:624 Carton 40HQ: 1530 Carton
Warranty	Free replacement within 3 years for ballast, 1 year for lamp
Region applied	USA, Canada, Australia, EU, etc.
Industry applied	Grow lighting, industry lighting (Indoor only)

Suitable bulbs

DE-HPS 1000W

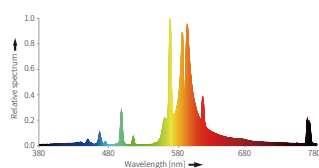DE-MH 1000W 4K 6K

DE-CMH 1000W 3K 4K

DE-HPS 600W

DE-MH 600W 4K 6K

DE-CMH 630W 3K 4K

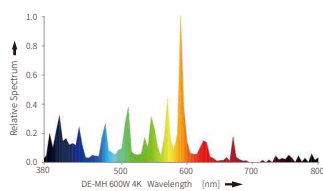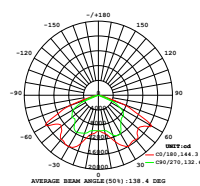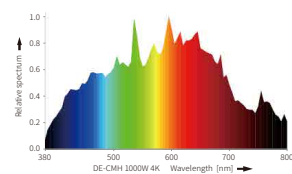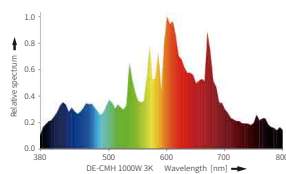## Bulb Spectrum

DE-HPS 1000W

DE-HPS 600W

DE-MH 1000W 4K 6K
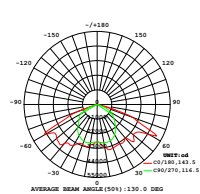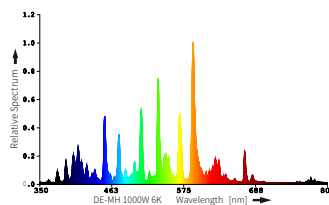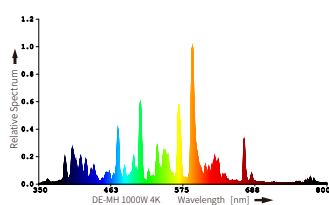
DE-MH 600W 4K 6K
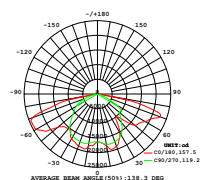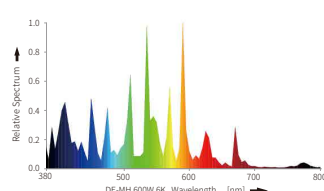
DE-CMH 1000W 3K 4K

DE-CMH 630W 3K 4K