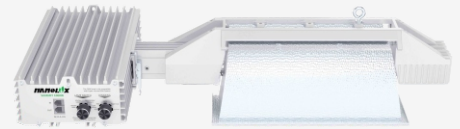
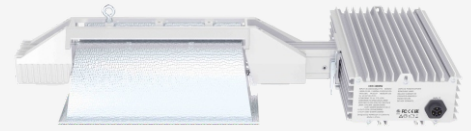
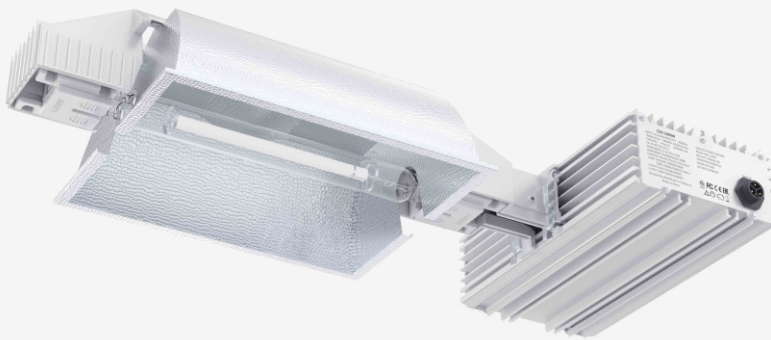


PRODUCT SPECIFICATION

HID SUMMIT 1000



FEATURES

- Compatible with six types of bulbs (600-1000W HPS, MH, CMH)
- Digital ballast, maximum efficiency up to 95%
- Patent design reflector, up to 97% reflectivity
- Patent design ceramic lamp base, flame retardant and insulated
- 2 dimming options: Rotate and SLC 0-10V.

BENEFITS

- High-efficiency ballast for energy-saving
- Patented lamp shade, low light loss
- Patented lamp holder, safe and durable
- Over-temperature/voltage/short-circuit protection for safety

PPFD READING

100cm(40")Height @ Input Power 1000W

211	251	276	290	284	268	243	212
221	261	296	317	317	303	272	229
218	259	300	325	328	308	277	231
210	258	294	320	320	302	264	217
207	253	289	312	311	289	255	209
210	256	288	307	305	282	256	211
214	253	290	307	305	290	253	210
200	234	261	274	282	270	237	204

SPECIFICATIONS

PRODUCT MODEL	SUMMIT 1000W
PRODUCT CODE	80.01.0403(US) / 80.01.0404(EU)
OUTPUT POWER	DE-HPS/MH1000W: 500~1100W DE-HPS/MH600W: 300~660W DE-CMH1000W: 750~1000W DE-CMH630W: 473~630W
PPE(400-700nm)	2.1 μmol/J(Double ended HPS 1000w)
PPF(400-700nm)	2100μmol/s (Double ended HPS 1000W)
PPFD _{max} @24in	1078
LAMP AVAILABLE	HPS 1000W/600W & MH 1000W/600W & CMH 1000W/630W/315W*2
DIMMING	Manual Knob & 0-10v
DIMMING RANGE	HPS/MH: Super-Lux,100%,75%,50%; CMH: 100%,75%
DAISY CHAIN	1
INPUT VOLTAGE	AC 120V-277V
LIGHT CURRENT	4.2A-10.5A
LIGHT BEAM ANGLE	130°
OPERATING TEMPERATURE	-20°C~35°C
OPERATING HUMIDITY	0~95%
HEAT DISSIPATION METHOD	Passive Cooling
POWER FACTOR	≥ 0.97
TOTAL HARMONIC DISTORTION	≤ 10%
CERTIFICATES	ETL/CE/EAC/FCC
PRODUCT DIMENSIONS	667x285x118mm / 26.26x11.22x4.64 in
PRODUCT WEIGHT	5.6KG / 11.68 LBS
PACKAGING METHOD	1 PSC /Carton (Ballast, arm, reflector, power cord, instructions)
PACKING DIMENSIONS	680x340x160mm / 26.77x13.39x6.30 in
GROSS WEIGHT	6.9KG / 31.79 LBS
LOADING QUANTITY	20GP:624 Cartons 40HQ: 1530 Cartons
STANDARD WARRANTY	Free replacement within 3 years for ballast, 1 year for lamp

HEAT LOAD

HEAT LOAD PER FIXTURE	3412 BTU
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SUITABLE BULBS

DE-HPS 1000W



DE-MH 1000W 4K 6K



DE-CMH 1000W 3K 4K



DE-HPS 600W



DE-MH 600W 4K 6K



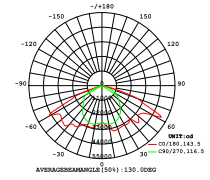
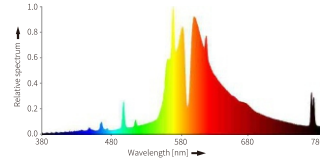
DE-CMH 630W 3K 4K



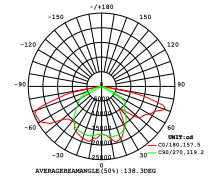
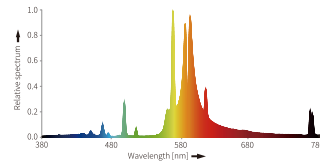
BULB SPECTRUM



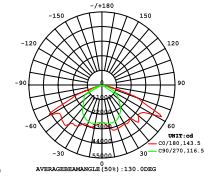
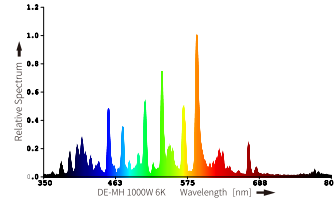
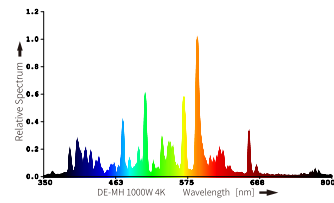
DE-HPS 1000W



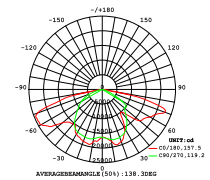
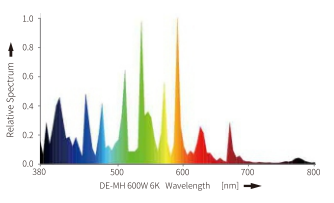
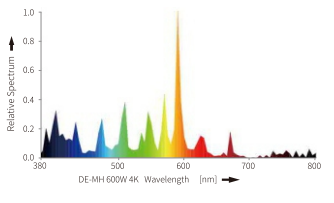
DE-HPS 600W



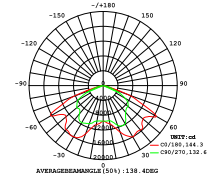
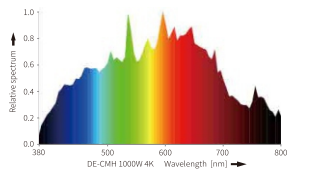
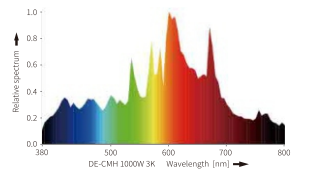
DE-MH 1000W 4K 6K



DE-MH 600W 4K 6K



DE-CMH 1000W 3K 4K



DE-CMH 630W 3K 4K

