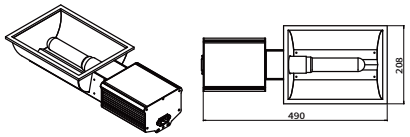
315W CMH GROW LIGHT 315-8

3 YEAR WARRANTY

Features & benefits

- Integrated reflector fixture
- Dimmable function
- Adjustable reflector fixture
- 95% Rate reflector fixture

Dimension



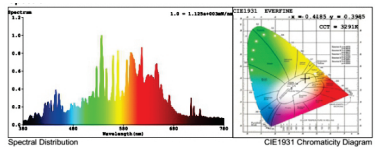
(MM)

Specification

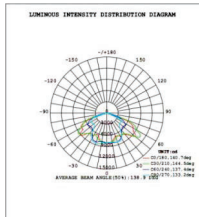
315W CMH Lamp: Biquartz & Common		
Voltage	[V]	120
Current	[A]	2.63
Wattage	[W]	315
Lumens(Whole luminaire)	[lm]	38918
Power Factor	cosΦ	≥0.98
Bulb Type		PGZ18
CCT	[K]	3000K/4000K
CRI	[Ra]	90
Rated frequency	[HZ]	50/60
PPFD	[Umol/s/w]	1.68
Average Life	[hrs]	12000

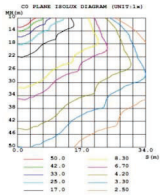
315W Ballast: Dimmable & Non-dimmable		
Input Voltage	[V]	120-240/220-277
Input Frequency	[HZ]	50/60
Input Power Factor	cosΦ	≥0.98
THD	[%]	≤10
Wave Crest Ratio	[Ω]	≤1.7
Starting Time	[S]	5 Max
Pulse Voltage	[KV]	4-5
Output Rated Frequency	[HZ]	110
Open Circuit Voltage	[V]	≤440
Efficiency	[%]	≥92%

Photometry


Spectral Distribution

CIE1931 Chromaticity Diagram



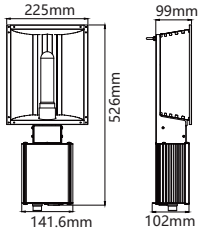


500W CMH GROW LIGHT 500-8

Features & benefits

- Integrated reflector fixture
- Dimmable function
- Adjustable reflector fixture
- 95% Rate reflector fixture

Dimension



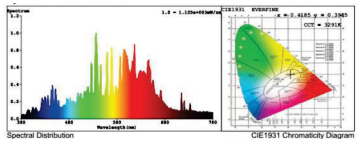
(MM)

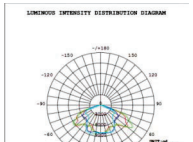
Specification

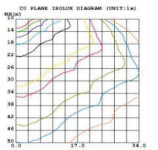
500W CMH Lamp	500W CMH Lamp
Wattage [W]	500
Lumens(Whole luminaire) [lm]	52100
Power Factor	≥0.98
Bulb Type	PGZ18
CCT [K]	3000K/4000K
CRI [Ra]	90
Rated Frequency [HZ]	50/60
PPFE (380-780nm)[μmol/s/w]	1.6
Average Life [hrs]	12000

500W Ballast	
Input Voltage [V]	120-240/208-277
Input Frequency [HZ]	50/60
Input Power Factor	≥0.98
THD [%]	≤10
Wave Crest Ratio	≤1.7
Starting Time [S]	5 Max
Pulse Voltage [KV]	4-5
Output Rated Frequency [KHZ]	110
Open Circuit Voltage [V]	≤440
Efficiency [%]	≥92%

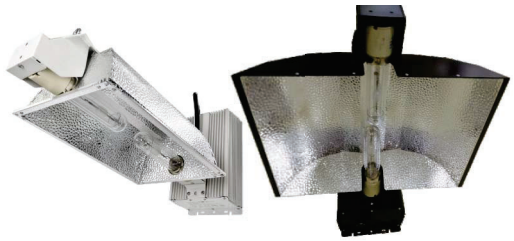
Photometry







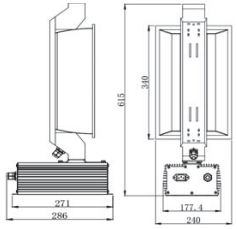
630W DUAL-BULB CMH GROW LIGHT



Features & benefits

- 95% rate reflector fixture
- Stable operating system
- High reflecting area reflecotor fixture
- Dimmable function

Dimension



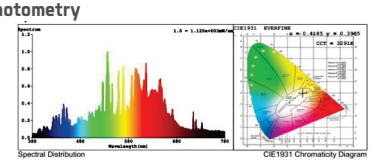
(MM)

Specification

315W CMH Lamp		
Voltage	[V]	120
Current	[A]	2.63
Wattage	[W]	315
Lumens(Whole luminaire)	[lm]	38918
Power Factor	cosΦ	≥0.98
Bulb Type		PGZ18
CCT	[K]	3000K/4000K
CRI	[Ra]	90
Rated frequency	[HZ]	50/60
PPFD	[Umol/s/w]	1.68
Average Life	[hrs]	12000

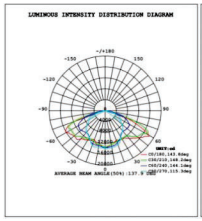
630W Ballast		
Input Voltage	[V]	120-240/220-277
Input Frequency	[HZ]	50/60
Input Power Factor	cosΦ	≥0.98
THD	[%]	≤10
Wave Crest Ratio	[Ω]	≤1.7
Starting Time	[S]	5 Max
Pulse Voltage	[KV]	4-5
Output Rated Frequency	[HZ]	110
Open Circuit Voltage	[V]	≤440/≤500
Efficiency	[%]	≥92%

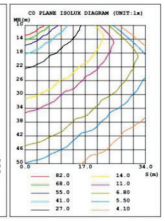
Photometry



Spectral Distribution

CIE1931 Chromaticity Diagram



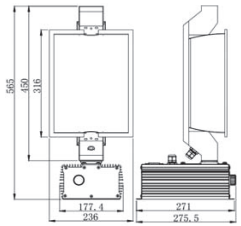


630W DE CMH GROW LIGHT

Features & benefits

- Integrated DE 630 CMH relector fixture
- Dimmable function
- Horizontal &Vertical installation as option

Dimension



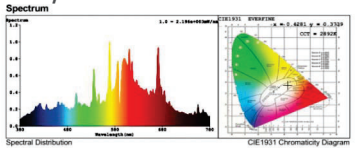
(MM)

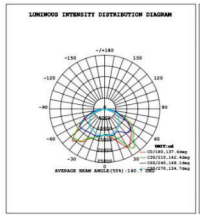
Specification

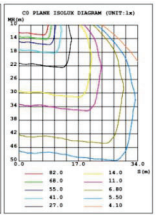
630W CMH Lamp		
Voltage	[V]	240
Current	[A]	2.63
Wattage	[W]	630
Lumens(Whole luminaire)	[lm]	75000
Bulb Type		T20
CCT	[K]	3000K/4000K
CRI	[Ra]	90
PPFD	[Umol/s/w]	1.8
Average Life	[hrs]	12000

630W Integrated Ballast		
Input Voltage	[V]	120-277
Input Frequency	[HZ]	50/60
Input Power Factor	cosΦ	≥0.98
THD	[%]	≤10
Wave Crest Ratio	[Ω]	≤1.7
Starting Time	[S]	5 Max
Pulse Voltage	[KV]	4-6
Output Rated Frequency	[HZ]	220
Open Circuit Voltage	[V]	≤450
Efficiency	[%]	≥92%

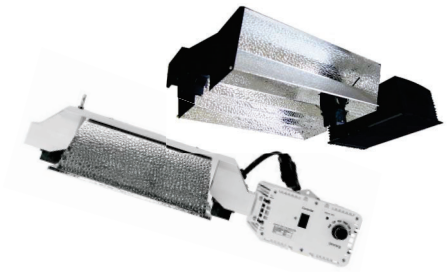
Photometry







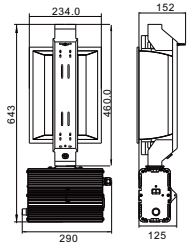
1000W DE HPS/MH GROW LIGHT



Features & benefits

- Dimmable fixture
- 0-10V Remote Control
- Small volume to save shipping cost
- 95% Rate reflector fixture
- Dimmable function
- Easy installation and replacement

Dimension



(MM)

Specification

HPS/MH Lamp		
	1000W HPS	1000WMH
Wattage [W]	1000	1000
Lumens(Whole luminaire) [lm]	160000	110000
Bulb Type	T10	T10
CCT [K]	2100K	4000K/6000K
CRI [Ra]	30	70
Average Life [hrs]	12000	12000
PPFE (380-780nm)	2.0μmol/s/W	1.43μmol/s/W

1000W Ballast		
	HPS/MH1000W	HPS/MH1000W
Input Voltage [V]	120-240V	277/347V
Input Frequency [HZ]	50/60	50/60
Input Power Factor	≥0.98	≥0.98
THD [%]	≤10	≤10
Wave Crest Ratio	≤1.7	≤1.7
Starting Time [S]	5 Max	5 Max
Pulse Voltage [KV]	4-5	3.6-4.5
Output Rated Frequency [KHZ]	100-170KHZ	80-170KHZ
Open Circuit Voltage [V]	≤440	750
Efficiency [%]	≥93%	≥92%

Photometry