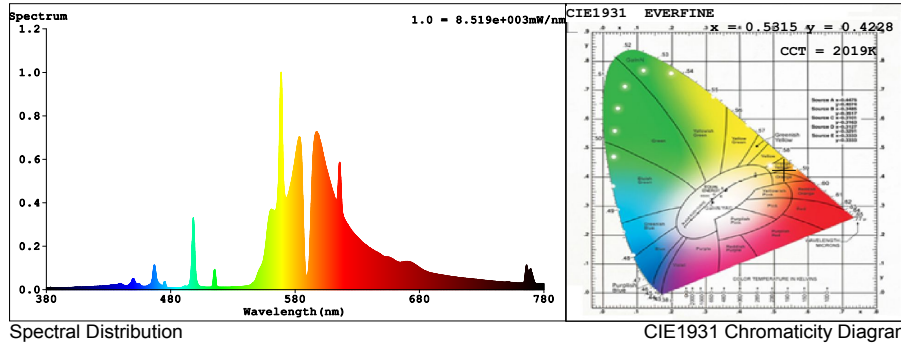


PHOTONMAX 1000W HPS-L-DE

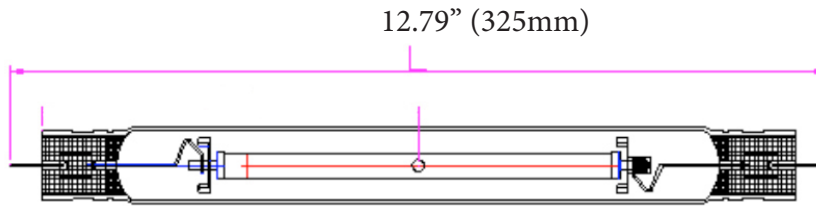
The PhotonMAX, 1000 Watt, Double Ended High pressure sodium lamp for horticulture applications.

SPECTRAL ANALYSIS:

Spectrum



DIAGRAM



LAMP SPECIFICATION		
GENERAL INFORMATION	Cap-Base	K12X30S
	Operating Position	Horizontal
	Life To 10% Failures	10,000 HRS
	Sytem Description	HPS1000Wsuper/K12X30S
	Dimensions	12.79"x1.29"x1.29"
LIGHT ELECTRICAL	Color Code	210 [CCT of 2100K]
	Luminous Flux (Rated)	≥135000
	Photosynthetic Photon Flux (PPF)	≥1900
	PPF Maintenance (4,000 Hour)	≥95%
	PPF Maintenance (8,000 Hour)	≥88%
	PPF Maintenance (10,000 Hour)	≥85%
	Chromaticity Coordinate X (Nom)	0.5315
	Chromaticity Coordinate Y (Nom)	0.4228
	Correlated Color Temperature (Nom)	2100K
	Luminous Efficacy (Rated) (Nom)	135 lm/w
Color Rendering Index (Nom)	25	

LAMP SPECIFICATION		
OPERATING AND ELECTRICAL	Lamp Supply Voltage	170-250V
	Power (Rated) (Min)	950
	Power (Rated) (Nom)	1000
	Ignition Supply Voltage	≥3500V
	Re-ignition Time (Min) (Max)	3minutes
CONTROLS AND DIMMING	Igition Time (Seconds)	≤5 Seconds
	Dimmable	Yes
	Run-Up Time 90% (Max)	10 mins@25°C
APPROVAL AND APPLICATION	Energy Efficiency	1.08/H
	Mercury (Hg) Content (Nom)	40mg
LUMINAIRE DESIGN	Energy Consumption kWh/1000 h	1080KW
MECHANICAL AND HOUSING	Lamp Temperature (Max)	700°C
	Lamp Finish	Clear

ORDERING INFORMATION:

ORDER NUMBER	MODEL	DESCRIPTION
1410139	PH-1000HPS-L-DE	1000W DOUBLE ENDED HIGH PRESSURE SODIUM LAMP