

# Luxtel® llc

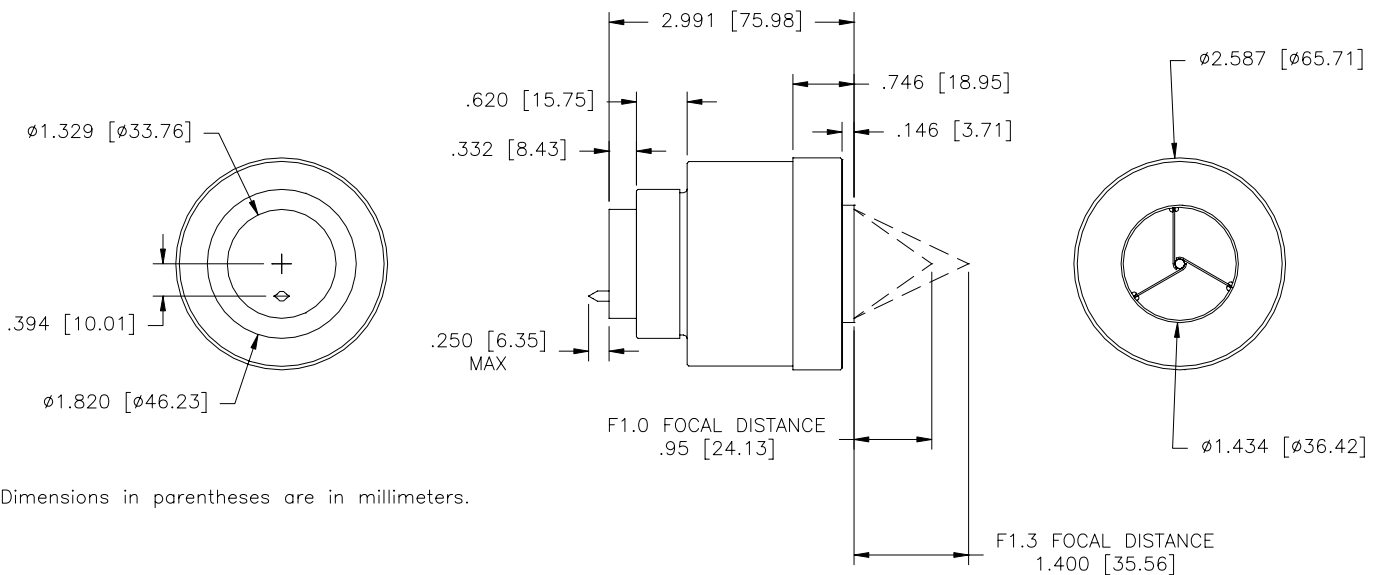
## CeraLux® Xenon Arc Lamps

### CeraLux Xenon Lamp - D Body Elliptical

Luxtel's D size CeraLux Xenon Lamps have an integrated reflector which provides high output focused light. These high power lamps are perfect for large venue projection lighting and simulation systems.

As with all CeraLux lamps, the xenon gas provides the best white light for the most accurate color spectrum without the use of mercury or other rare earth elements that can be difficult to dispose of.

Luxtel offers D body size lamps in common power ranges as well as models specifically for video projection use. All lamps have been designed to exact manufacturing requirements and will fit your current system or can be designed for your specific needs. We can assist you in any number of OEM or custom designs. Lamps with enhanced UV output are also available.



#### REFLECTOR SPECIFICATIONS

F 1.0	F 1.3
M = 1.7038	M = 1.9114
N = .9321	N = .9727

#### REFLECTOR EQUATION

$$1 = \frac{X^2}{M^2} + \frac{Y^2}{N^2}$$



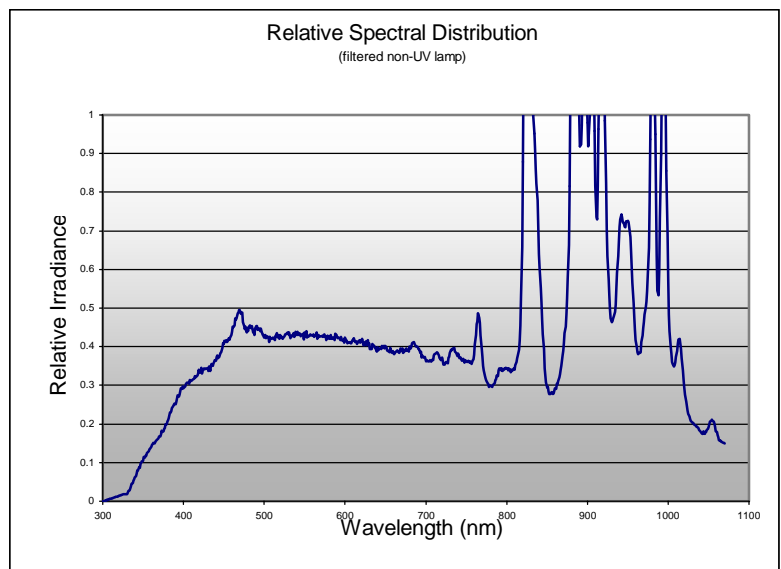
# CeraLux Xenon Elliptical Arc Lamps - D Body Size

## OPERATIONAL SPECIFICATIONS—STANDARD MODELS

		CL1000DF-10F	CL1000DF-13F	CL1200DF-10F	CL1200DF-13F	CL1500DF-10F	CL1500DF-13F
POWER (watts)	Nominal	1000	1000	1200	1200	1500	1500
	Range	600-1050	600-1050	800-1250	800-1250	900-1550	900-1550
CURRENT (amps DC)	Nominal	50	50	63	63	65	65
	Range	30-52	30-52	45-65	45-65	45-80	45-80
VOLTAGE (volts DC)	Nominal	20	20	19	19	18.5	18.5
	Range	15-22	15-22	17-22	17-22	17-23	17-23
Minimum Ignition Voltage (kV)		30	30	30	30	30	30
OUTPUT AT NOMINAL POWER							
Radiant Output (watts)		250	250	270	270	360	360
Visible Output (lumens)		23000	23000	30000	30000	40000	40000
UV Output (watts)		13	13	15	15	20	20
IR Output (watts)		135	135	150	150	200	200
Color Temperature (°K)		5900	5900	5900	5900	5900	5900
Arc Gap (inches/mm)		.062/1.57	.062/1.57	.067/1.70	.067/1.70	.075/1.91	.075/1.91

## OPERATIONAL SPECIFICATIONS—VIDEO MODELS

		CL1200DF-10FV	CL1200DF-13FV	CL1500DF-10FV	CL1500DF-13FV	CL1850DF-10FV	CL1850DF-13FV
POWER (watts)	Nominal	1200	1200	1500	1500	1800	1800
	Range	900-1300	900-1300	1100-1600	1100-1600	1300-1850	1300-1850
CURRENT (amps DC)	Nominal	65	65	73	73	80	80
	Range	45-70	45-70	55-75	55-75	60-90	60-90
VOLTAGE (volts DC)	Nominal	18	18	19	19	20	20
	Range	16-22	16-22	17-22	17-22	19-26	19-26
Minimum Ignition Voltage (kV)		30	30	30	30	30	30
OUTPUT AT NOMINAL POWER							
Radiant Output (watts)		252	252	330	330	375	375
Visible Output (lumens)		25400	25400	31500	31500	37800	37800
UV Output (watts)		12	12	15	15	18	18
IR Output (watts)		146	146	180	180	220	220
Color Temperature (°K)		5900	5900	5900	5900	5900	5900
Arc Gap (inches/mm)		.053/1.35	.053/1.35	.053/1.35	.053/1.35	.053/1.35	.053/1.35



All values and specifications are subject to change without notice.