



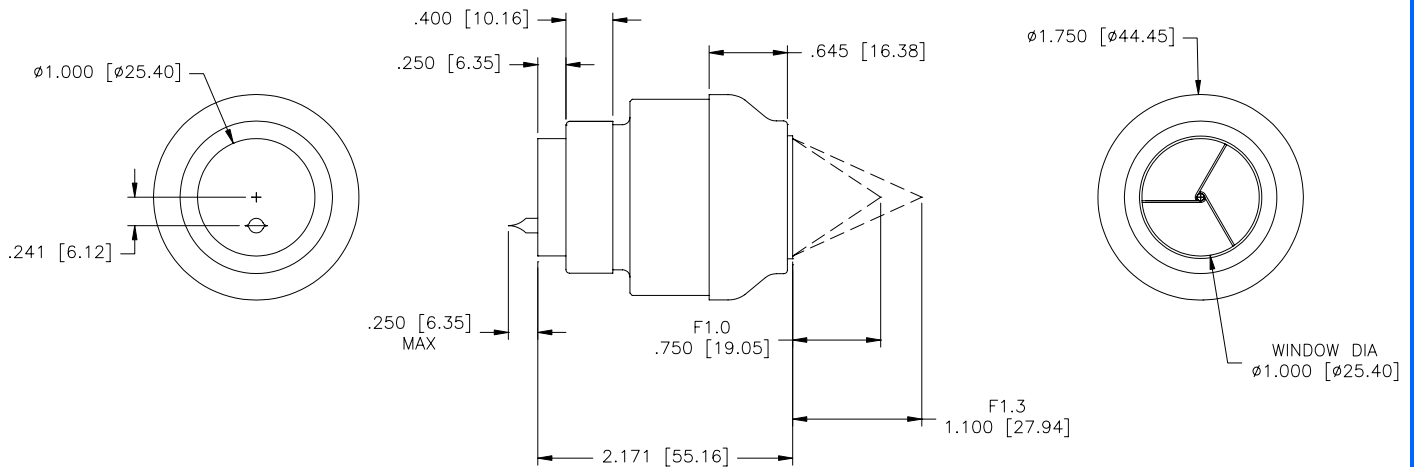
CeraLux® Xenon Arc Lamps

CeraLux Xenon Lamp - C Body Elliptical

Luxtel's C 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 C 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
M = 1.2136
N = .7129

F 1.3
M = 1.3648
N = .7311

REFLECTOR EQUATION

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



CeraLux Xenon Elliptical Arc Lamps - C Body Size

OPERATIONAL SPECIFICATIONS—STANDARD MODELS

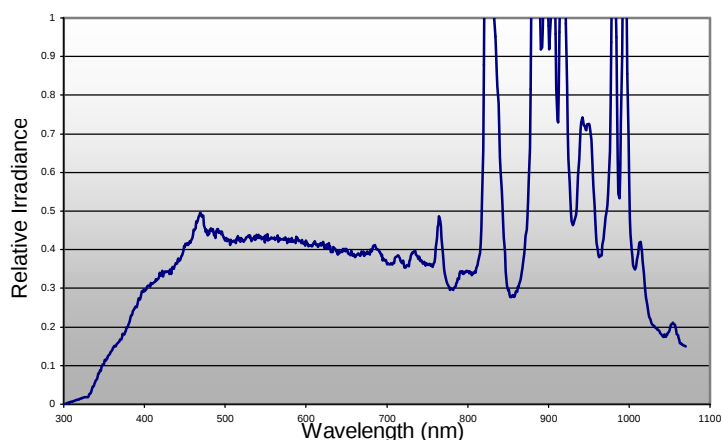
		CL300CF-10F	CL300CF-13F	CL500CF-10F	CL500CF-13F	CL700CF-10F	CL700CF-13F
POWER (watts)	Nominal	300	300	500	500	700	700
	Range	175-325	175-325	350-525	350-525	600-750	600-750
CURRENT (amps DC)	Nominal	22	22	32	32	42	42
	Range	13-23	13-23	23-35	23-35	35-46	35-46
VOLTAGE (volts DC)	Nominal	14	14	16	16	17	17
	Range	12-16	12-16	14-18	14-18	15-19	15-19
Minimum Ignition Voltage (kV)		30	30	30	30	30	30
OUTPUT AT NOMINAL POWER							
Radiant Output (watts)		75	75	110	110	190	190
Visible Output (lumens)		7450	7450	11000	11000	17500	17500
UV Output (watts)		4	4	5	5	7	7
IR Output (watts)		36	36	65	65	98	98
Color Temperature (°K)		5900	5900	5900	5900	5900	5900
Arc Gap (inches/mm)		.045/1.14	.045/1.14	.045/1.14	.045/1.14	.045/1.14	.045/1.14

OPERATIONAL SPECIFICATIONS—VIDEO MODELS

		CL330CF-10FV	CL330CF-13FV	CL420CF-10FV	CL420CF-13FV	CL550CF-10FV	CL550CF-13FV	CL750CF-10FV	CL750CF-13FV
POWER (watts)	Nominal	330	330	420	420	550	550	750	750
	Range	270-390	270-390	350-420	350-420	400-575	400-575	600-775	600-775
CURRENT (amps DC)	Nominal	23	23	26	26	35	35	43	43
	Range	21-26	21-26	24-28	24-28	32-38	32-38	40-45	40-45
VOLTAGE (volts DC)	Nominal	15	15	16	16	16	16	17	17
	Range	14-17	14-17	15-17	15-17	15-18	15-18	16-19	16-19
Minimum Ignition Voltage (kV)		30	30	30	30	30	30	30	30
OUTPUT AT NOMINAL POWER									
Radiant Output (watts)		70	70	82	82	125	125	165	165
Visible Output (lumens)		6800	6800	7800	7800	11800	11800	15000	15000
UV Output (watts)		3	3	4	4	6	6	8	8
IR Output (watts)		40	40	48	48	72	72	86	86
Color Temperature (°K)		5900	5900	5900	5900	5900	5900	5900	5900
Arc Gap (inches/mm)		.038/.97	.038/.97	.038/.97	.038/.97	.038/.97	.038/.97	.038/.97	.038/.97



Relative Spectral Distribution
(filtered non-UV lamp)



All values and specifications are subject to change without notice.

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