



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SELECT_20_OPEN.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061702301
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 6/13/2017
[MANUFAC] Kino Flo Lighting Systems
[LUMCAT] CFX-SL20
[LUMINAIRE] Select 20, open
[BALLASTCAT] KINO FLO LED150X120U
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[TEST CONDITION] BRIGHTNESS IS SET TO 100%. COLOR TEMPERATURE IS SET TO 6500K.
[MORE] TEST IS PERFORMED WITHOUT LOUVER.
[INPUT] 120VAC, 1.08A, 128.64W, 0.99PF, 7%ATHD
[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Table with 2 columns: Characteristic Name and Value. Includes Lumens Per Lamp, Total Lamp Lumens, Luminaire Lumens, Total Luminaire Efficiency, Luminaire Efficacy Rating (LER), Total Luminaire Watts, Ballast Factor, CIE Type, Spacing Criteria (0-180), Spacing Criteria (90-270), Spacing Criteria (Diagonal), Basic Luminous Shape, Luminous Length (0-180), Luminous Width (90-270), Luminous Height.



LUMINANCE DATA (cd/sq.m)

Table with 4 columns: Angle In Degrees, Average 0-Deg, Average 45-Deg, Average 90-Deg. Shows luminance values for angles 45, 55, 65, 75, and 85 degrees.

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	2808	2808	2808	2808	2808
5	2793	2793	2797	2795	2793
10	2750	2752	2756	2756	2753
15	2676	2682	2688	2689	2688
20	2581	2586	2595	2596	2598
25	2464	2470	2475	2478	2479
30	2325	2327	2337	2342	2344
35	2167	2172	2181	2188	2191
40	1995	1999	2009	2017	2020
45	1800	1809	1820	1827	1830
50	1589	1598	1618	1625	1628
55	1368	1377	1400	1410	1414
60	1163	1173	1195	1212	1215
65	929	939	960	983	986
70	689	696	716	742	746
75	455	462	479	503	512
80	244	250	264	286	297
85	76	80	92	108	123
90	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2162.8	N.A.	27.80
0-40	3526.44	N.A.	45.40
0-60	6179.65	N.A.	79.60
0-90	7766.27	N.A.	100.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
0-180	7766.27	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	265.46
10-20	757.53
20-30	1139.8
30-40	1363.64
40-50	1401.5
50-60	1251.71
60-70	948.00
70-80	514.14
80-90	124.48
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

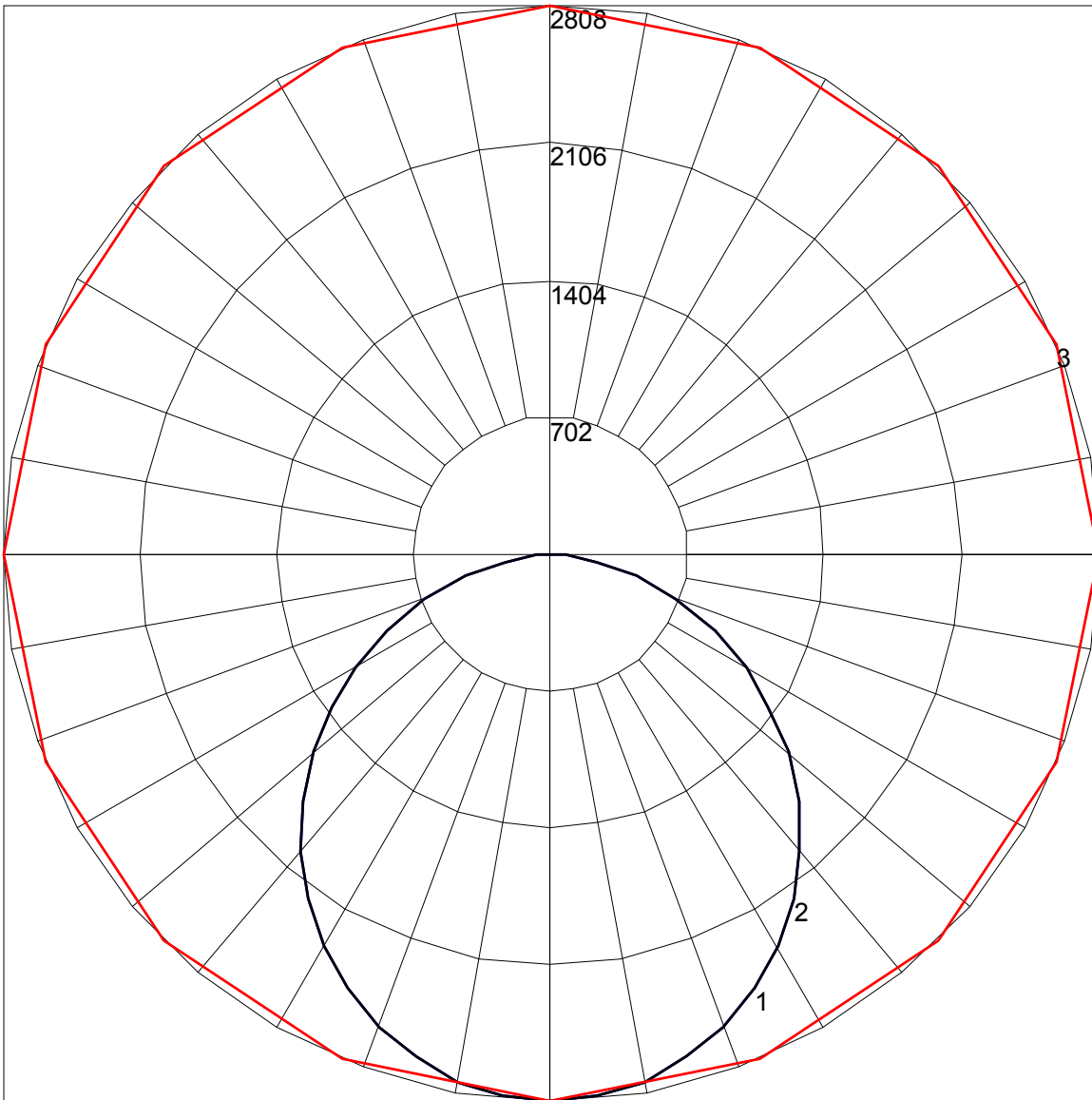
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84	
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70	
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59	
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50	
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44	
6	70	57	48	42	68	56	47	41	54	47	41	52	46	41	51	45	40	38	
7	65	52	43	37	63	51	42	37	49	42	36	48	41	36	46	40	36	34	
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	43	37	32	30	
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27	
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	37	31	26	25	

POLAR GRAPH



Maximum Candela = 2808 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)