



**KINO FLO® LIGHTING SYSTEMS**

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIVA-LITE\_30\_OPEN.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L061702304

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUEDATE] 6/13/2017

[MANUFAC] Kino Flo Lighting Systems

[LUMCAT] CFX-SL30

[LUMINAIRE] Diva-Lite 30, 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, 1.03A, 123.05W, 0.99PF, 8%ATHD

[TEST PROCEDURE] IESNA:LM-79-08

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8256
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	128.64
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.24
Spacing Criteria (90-270)	1.24
Spacing Criteria (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.85 ft
Luminous Width (90-270)	1.85 ft
Luminous Height	0.00 ft



### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18598	18704	18724
55	17515	17741	17777
65	16246	16522	16716
75	13079	13423	13978
85	7062	7690	9259

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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>
<b>0</b>	2991	2991	2991	2991	2991
<b>5</b>	2971	2971	2972	2978	2979
<b>10</b>	2925	2928	2930	2932	2934
<b>15</b>	2848	2850	2855	2859	2860
<b>20</b>	2752	2752	2756	2759	2759
<b>25</b>	2625	2628	2631	2636	2636
<b>30</b>	2478	2479	2485	2485	2487
<b>35</b>	2313	2314	2320	2321	2321
<b>40</b>	2128	2131	2135	2138	2138
<b>45</b>	1923	1929	1934	1936	1936
<b>50</b>	1701	1708	1719	1720	1720
<b>55</b>	1469	1475	1488	1491	1491
<b>60</b>	1255	1261	1273	1281	1280
<b>65</b>	1004	1010	1021	1034	1033
<b>70</b>	746	751	762	777	778
<b>75</b>	495	499	508	524	529
<b>80</b>	268	270	278	292	300
<b>85</b>	90	91	98	109	118
<b>90</b>	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	2300.2	N.A.	27.90
0-40	3749.98	N.A.	45.40
0-60	6571.67	N.A.	79.60
0-90	8256.39	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	8256.39	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	282.51
10-20	805.48
20-30	1212.21
30-40	1449.79
40-50	1489.75
50-60	1331.93
60-70	1008.76
70-80	544.79
80-90	131.18
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

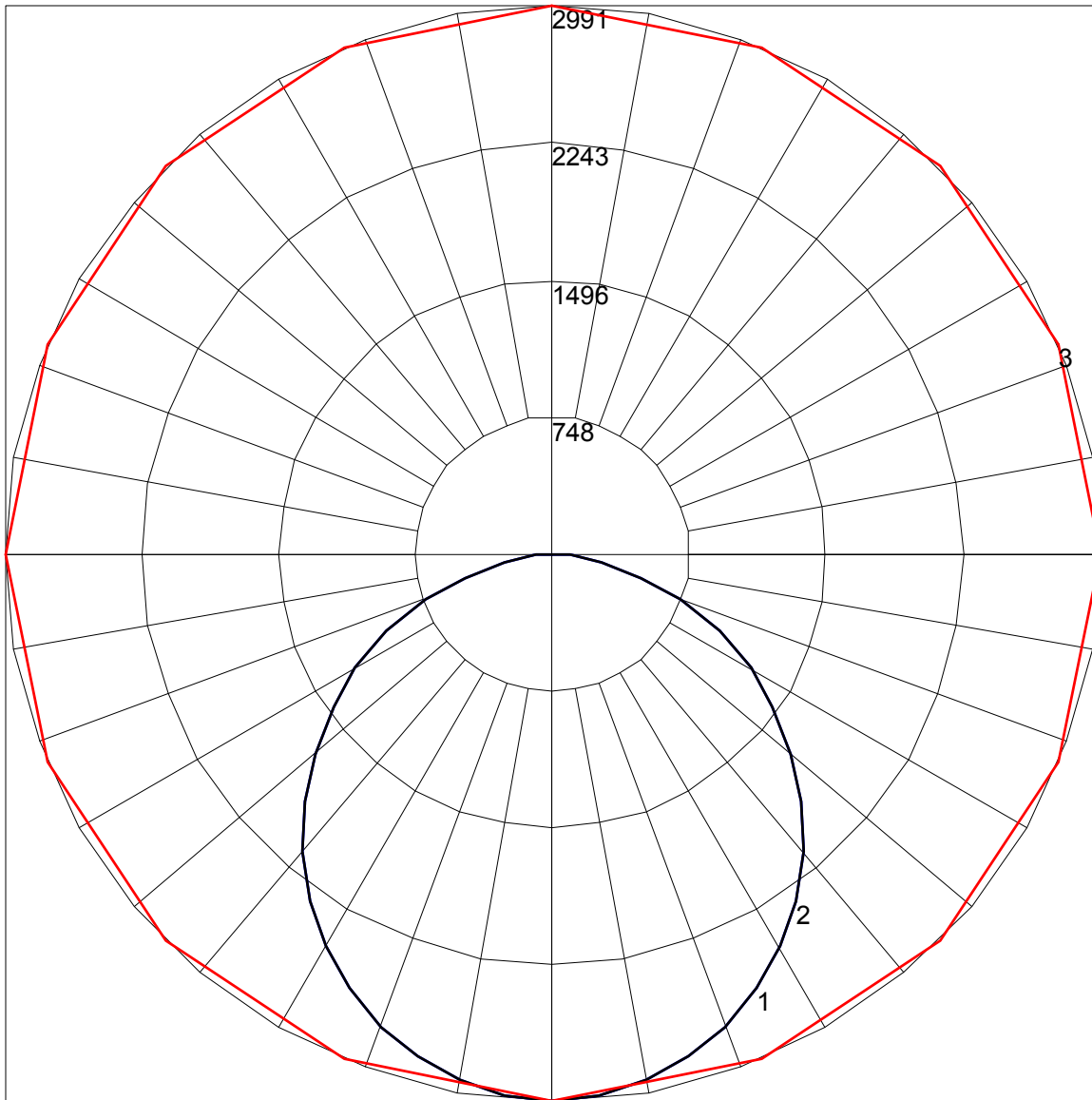
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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 = 2991 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.)