



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 2FT 4BANK BLACK LOUVERS.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0108-06G
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 2/26/2008
 [MANUFAC] KINO FLO, INC.
 [LUMCAT] 2FT 4BANK/BLACK SQUARE LOUVERS
 [LUMINAIRE] 27-3/4"L. X 12-1/8"W. X 3-3/8"H. STUDIO FIXTURE
 [MORE] SPECULAR REFLECTOR
 [MORE] BLACK SQUARE LOUVERS
 [BALLASTCAT] KINOFLO BAL-410-S120, BAL-415-120, BAL-427-120U
 [BALLAST] 120V 50/60Hz ELECTRONIC
 [LAMPPOSITION] 0,90
 [LAMPCAT] KINO FLO K29 F40/T12/HO/800
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_LAMPLUM] 1625
 [_INPUT] 120VAC, 107.4W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1032
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	10
Total Luminaire Watts	107.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.92
Spacing Criteria (90-270)	0.90
Spacing Criteria (Diagonal)	0.96
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.94 ft
Luminous Width (90-270)	0.94 ft
Luminous Height	0.00 ft





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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1760	1635	1993
55	679	936	822
65	391	419	586
75	501	638	797
85	1015	1489	1489

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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	795	795	795	795	795
5	774	771	771	772	773
15	660	650	640	643	654
25	514	492	476	490	507
35	367	340	326	346	380
45	211	194	196	215	239
55	66	71	91	86	80
65	28	28	30	38	42
75	22	25	28	33	35
85	15	22	22	23	22
90	5	14	6	2	1



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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	367.15	N.A.	35.60
0-40	596.74	N.A.	57.80
0-60	912.41	N.A.	88.40
0-90	1032.11	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	1032.11	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	18.73
10-20	134.97
20-30	213.45
30-40	229.59
40-50	194.96
50-60	120.71
60-70	53.59
70-80	31.58
80-90	34.53
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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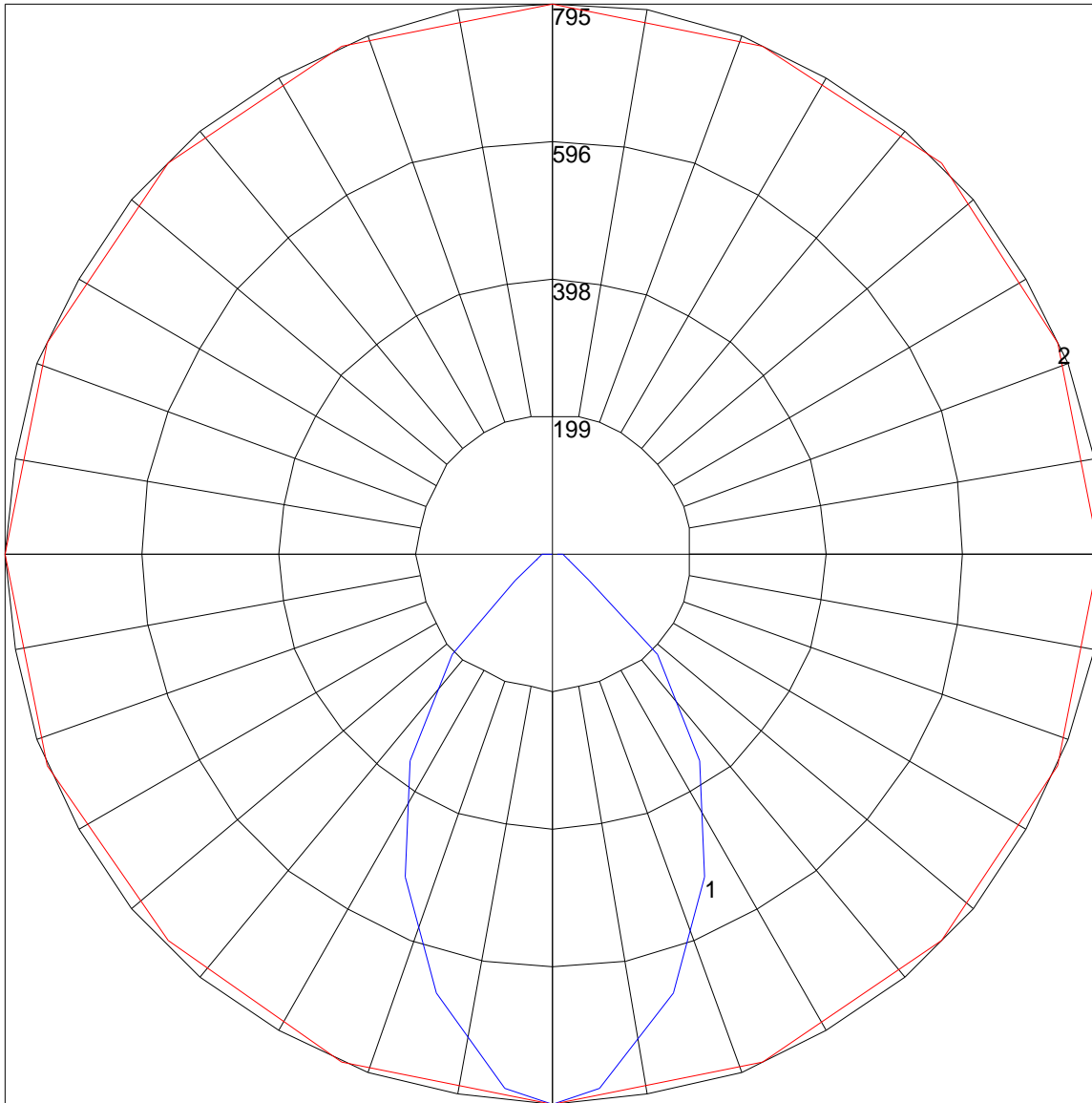
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	110	105	101	98	107	103	100	96	99	96	93	95	93	90	91	90	88	86
2	101	94	88	83	99	92	86	82	89	84	80	85	81	78	82	79	76	74
3	93	84	77	71	91	82	76	70	80	74	69	77	72	68	74	70	67	65
4	86	76	68	61	84	74	67	61	72	65	60	70	64	59	67	63	59	57
5	80	68	60	54	78	67	59	54	65	58	53	63	57	53	61	56	52	50
6	74	62	54	48	72	61	53	47	59	52	47	58	51	47	56	51	46	44
7	69	56	48	42	67	56	48	42	54	47	42	53	46	42	51	46	41	40
8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	42	37	36
9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29

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POLAR GRAPH



Maximum Candela = 795 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)