IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 OPEN FACE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0807-07D
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 8/15/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] IMAGE 80/85/87 OPEN FACE
[LUMINAIRE] 48-3/4"L. X 24-1/6"W. X 6-1/4"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[BALLASTCAT] KINOFLO IMAGE 85 DMX
[BALLAST] 120V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,90
[LAMPCAT] KINO FLO F75/T12/HO/800
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_LAMPLUM] 3290
[_INPUT] 120VAC, 565.7W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13824
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	24
Total Luminaire Watts	565.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.26
Spacing Criteria (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.96 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	6188	6268	6508
55	5617	6318	6469
65	4589	6043	5875
75	2915	4632	4383
85	771	1668	1684

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	4701	4701	4701	4701	4701
5	4988	4920	4767	4603	4536
15	4830	4764	4623	4481	4421
25	4445	4377	4278	4162	4108
35	3887	3822	3736	3758	3789
45	3190	3148	3231	3351	3355
55	2349	2356	2642	2706	2705
65	1414	1631	1862	1856	1810
75	550	815	874	844	827
85	49	102	106	102	107
90	18	19	21	23	24
95	17	20	21	21	21
105	18	21	26	27	27
115	22	26	30	32	32
125	21	24	31	34	34
135	22	24	30	34	34
145	22	26	28	30	31
155	22	25	28	29	29
165	20	21	25	26	26
175	20	20	20	21	21
180	19	19	19	19	19

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2672.04	N.A.	19.30
0-40	4879.44	N.A.	35.30
0-60	9793.82	N.A.	70.80
0-90	13661.05	N.A.	98.80
90-120	62.43	N.A.	0.50
90-130	89.88	N.A.	0.70
90-150	134.20	N.A.	1.00
90-180	163.27	N.A.	1.20
0-180	13824.32	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	113.14
10-20	892.57
20-30	1666.32
30-40	2207.4
40-50	2477.78
50-60	2436.6
60-70	2038.32
70-80	1309.95
80-90	518.96
90-100	11.29
100-110	23.93
110-120	27.21
120-130	27.45
130-140	24.38
140-150	19.93
150-160	14.92
160-170	9.48
170-180	4.67

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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	110	110	110	106	106	106	101	101	101	99
1	107	101	96	92	104	99	94	90	94	90	87	90	87	84	86	84	81	79
2	96	87	79	72	93	85	77	71	81	75	70	77	72	68	74	70	66	64
3	87	75	66	59	84	73	65	58	70	63	57	67	61	55	64	59	54	52
4	78	65	56	48	76	64	55	48	61	53	47	59	52	46	56	50	45	43
5	72	58	48	41	69	56	47	40	54	46	40	52	45	39	50	44	39	36
6	66	51	42	35	64	50	41	34	48	40	34	46	39	34	45	38	33	31
7	61	46	37	30	59	45	36	30	43	35	29	42	35	29	40	34	29	27
8	56	42	32	26	54	41	32	26	39	31	26	38	31	26	37	30	25	23
9	52	38	29	23	50	37	29	23	36	28	23	35	28	23	33	27	22	20
10	49	35	26	21	47	34	26	20	33	25	20	32	25	20	31	25	20	18

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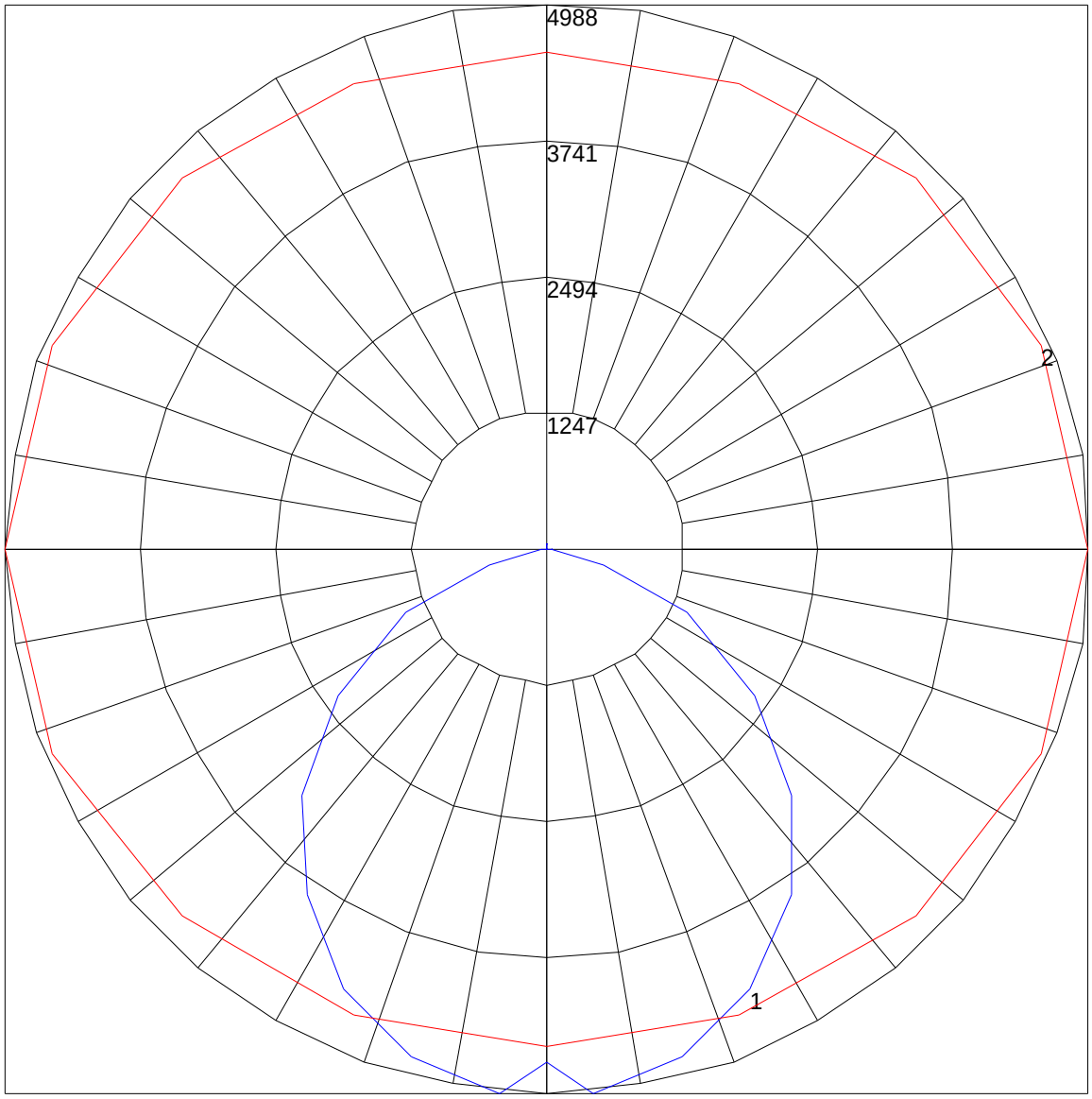
POLAR GRAPH



Maximum Candela = 4988 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)