IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0807-07E
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 8/15/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] IMAGE 80/85/87 BLACK SQUARE LOUVERS
[LUMINAIRE] 48-3/4"L. X 24-1/6"W. X 6-1/4"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[MORE] BLACK SQUARE LOUVERS
[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, 553.3W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4497
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	8
Total Luminaire Watts	553.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.98
Spacing Criteria (90-270)	0.90
Spacing Criteria (Diagonal)	0.96
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.96 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1880	1682	1884
55	584	794	579
65	162	136	376
75	53	276	445
85	94	818	1149

IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	3512	3512	3512	3512	3512
5	3646	3576	3454	3337	3287
15	3177	3078	2955	2888	2876
25	2473	2341	2234	2214	2233
35	1721	1589	1485	1551	1633
45	969	886	867	916	971
55	244	274	332	286	242
65	50	46	42	94	116
75	10	20	52	72	84
85	6	12	52	66	73
90	5	6	8	10	11
95	5	9	12	13	13
105	6	11	16	18	19
115	9	14	19	21	21
125	8	12	19	23	23
135	8	12	18	22	24
145	9	14	17	19	20
155	10	14	16	17	18
165	10	11	14	16	16
175	10	10	10	11	11
180	9	9	9	9	9

IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1683.72	N.A.	37.40
0-40	2740.89	N.A.	60.90
0-60	4116.37	N.A.	91.50
0-90	4403.42	N.A.	97.90
90-120	34.96	N.A.	0.80
90-130	51.38	N.A.	1.10
90-150	77.46	N.A.	1.70
90-180	93.94	N.A.	2.10
0-180	4497.35	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	83.33
10-20	612.89
20-30	987.49
30-40	1057.17
40-50	874.81
50-60	500.67
60-70	165.99
70-80	58.66
80-90	62.40
90-100	5.13
100-110	13.55
110-120	16.27
120-130	16.42
130-140	14.42
140-150	11.66
150-160	8.59
160-170	5.38
170-180	2.50

IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

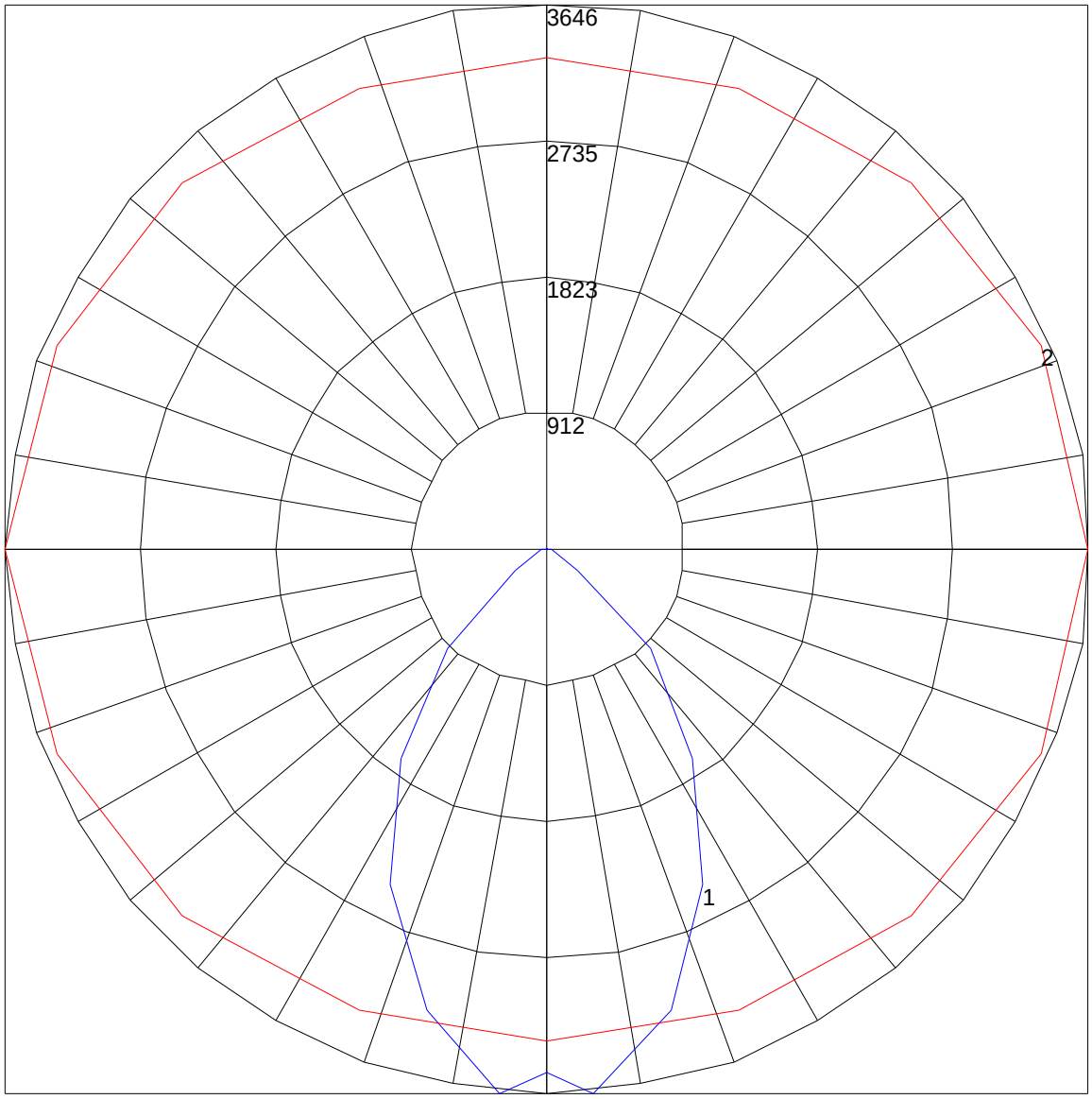
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	105	105	105	100	100	100	98
1	110	107	103	100	108	104	101	98	100	97	95	95	93	92	92	90	89	86
2	102	96	90	85	100	94	89	84	90	86	82	86	83	80	83	80	78	76
3	95	86	79	74	92	84	78	73	81	76	71	78	74	70	76	72	69	67
4	88	78	70	64	86	76	69	64	74	67	63	71	66	62	69	64	61	59
5	81	70	62	57	79	69	62	56	67	60	55	65	59	55	63	58	54	52
6	76	64	56	50	74	63	55	50	61	54	49	59	53	49	57	52	48	46
7	70	58	50	45	69	57	50	45	56	49	44	54	48	44	53	47	43	41
8	66	53	45	40	64	53	45	40	51	44	40	50	44	39	48	43	39	37
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	39	35	34
10	57	45	38	33	56	45	38	33	44	37	33	42	37	32	41	36	32	30

IES INDOOR REPORT
PHOTOMETRIC FILENAME : IMAGE 80 85 OR 87 BLACK PLASTIC LOUVERS.IES

POLAR GRAPH



Maximum Candela = 3646 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.)