

Photometric Test Report

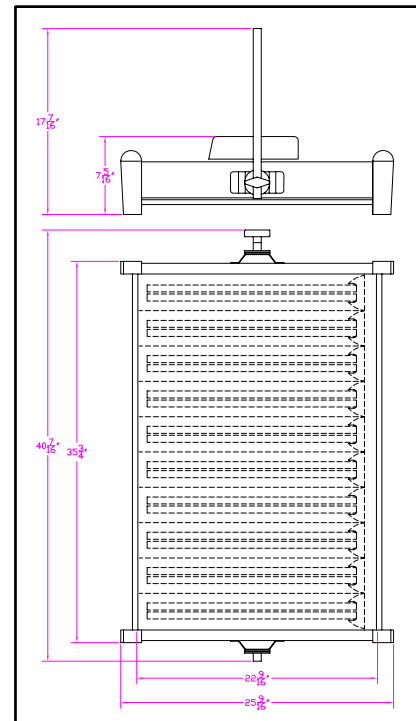
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L01120101.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L01120101
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 1/123/2011
[MANUFAC] KINOFLO
[LUMCAT] **IMARA S10**
[LUMINAIRE] 25-9/16"L. X 35-3/4"W. X 7-5/16"H. IMARA S10 FIXTURE
[MORE] TEN 55W COMPACT FLUORESCENT LAMPS, SPECULAR REFLECTOR
[MORE] **OPEN FACE WITHOUT LOUVER**
[BALLASTCAT] N.A
[BALLAST] 120V 60Hz ELECTRONIC
[LAMPPOSITION] 90,180
[LAMPCAT] **KINOFLO TRUE MATCH 55C-K55**
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 529.71W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15400
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	29
Total Luminaire Watts	529.71
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.77 ft
Luminous Width (90-270)	2.78 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	15410	13392	6423
55	13679	5673	671
65	11294	600	486
75	6493	718	692
85	2382	1755	1755

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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	8427	8427	8427	8427	8427
5	8342	8321	8266	8216	8212
10	8206	8144	8033	7957	7919
15	7955	7848	7754	7667	7622
20	7617	7478	7392	7275	7211
25	7206	7044	6944	6749	6678
30	6733	6557	6380	6138	6016
35	6200	5994	5762	5455	5435
40	5610	5370	4995	4677	4150
45	4986	4684	4333	2794	2078
50	4310	3976	3172	1189	777
55	3590	3209	1489	316	176
60	2931	2517	566	106	99
65	2184	1661	116	92	94
70	1453	685	92	90	90
75	769	122	85	83	82
80	242	88	77	76	76
85	95	80	70	69	70
90	77	70	65	63	62

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	6152.02	N.A.	39.90
0-40	9728.19	N.A.	63.20
0-60	14322.04	N.A.	93.00
0-90	15399.92	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	15399.92	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	783.39
10-20	2186.96
20-30	3181.67
30-40	3576.17
40-50	2957.11
50-60	1636.74
60-70	762.83
70-80	228.44
80-90	86.60
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

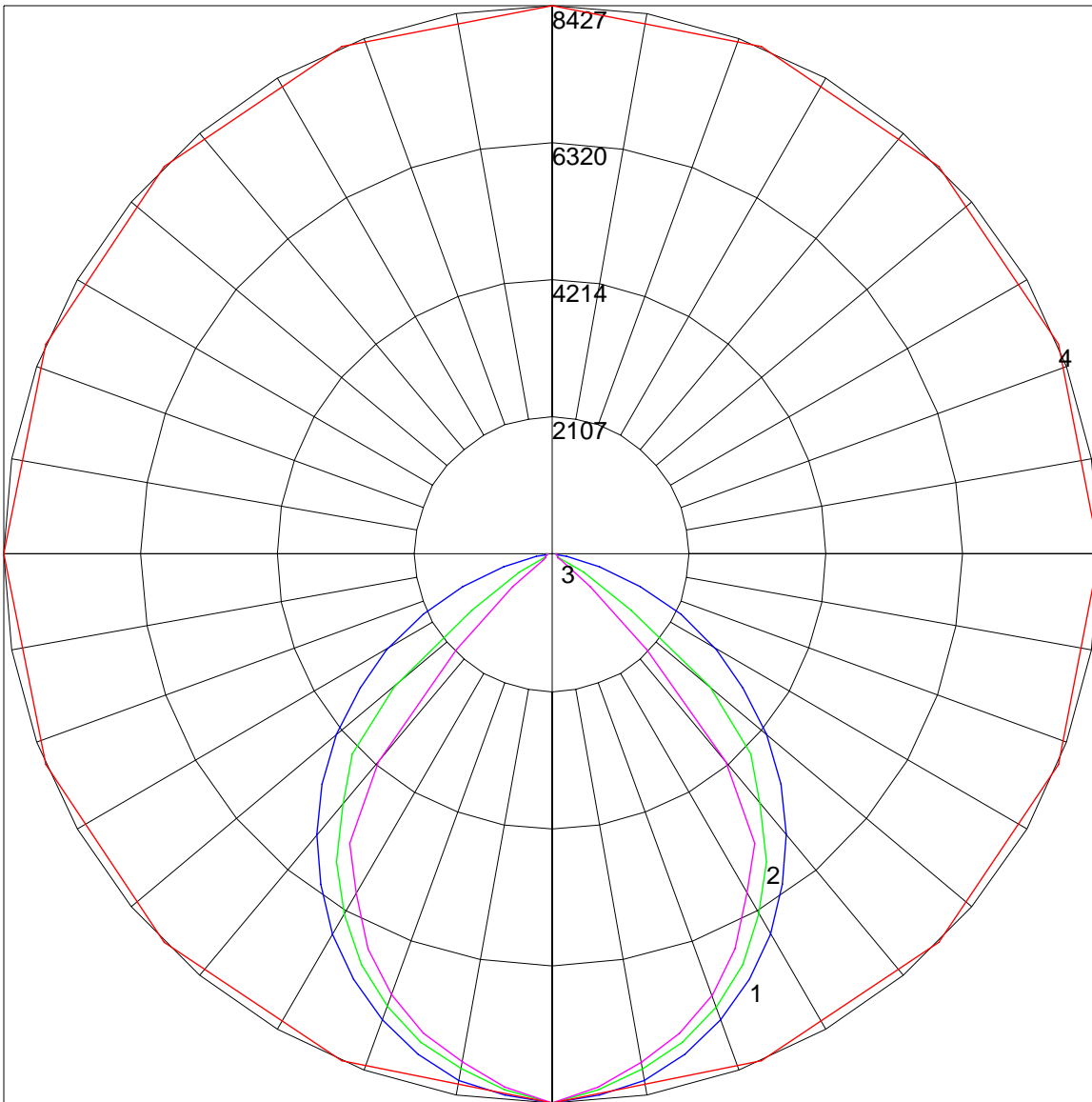
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	116	116	116	116	111	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	101	109	105	102	100	101	99	97	97	95	94	94	92	91	89	89
2	103	97	91	87	87	101	95	90	86	92	87	84	88	85	82	86	83	80	78	78
3	96	87	81	75	75	94	86	80	75	83	78	73	80	76	72	78	74	71	69	69
4	89	79	72	66	66	87	78	71	66	75	69	65	73	68	64	71	67	63	61	61
5	83	72	64	58	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55	55
6	77	65	58	52	52	75	65	57	52	63	56	52	61	56	51	60	55	51	49	49
7	72	60	52	47	47	70	59	52	47	58	51	46	56	51	46	55	50	46	44	44
8	67	55	48	42	42	66	55	47	42	53	47	42	52	46	42	51	46	42	40	40
9	63	51	44	39	39	62	51	43	39	49	43	38	48	43	38	47	42	38	36	36
10	59	47	40	35	35	58	47	40	35	46	40	35	45	39	35	44	39	35	33	33

POLAR GRAPH



Maximum Candela = 8427 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN
3 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
4 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED