

Photometric Test Report

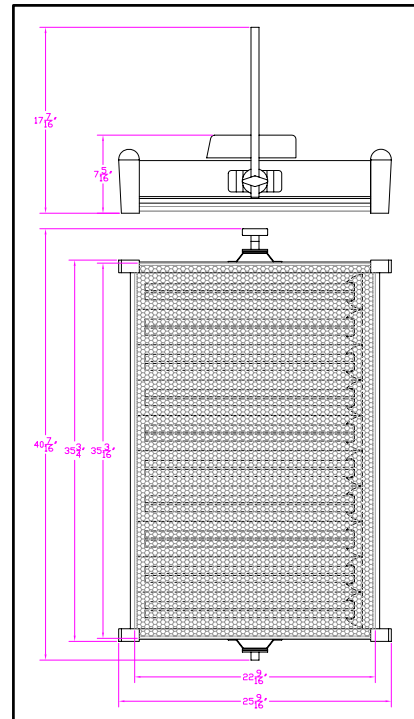
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L01120102.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L01120102
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 1/12/2011
[MANUFAC] KINOFLO
[LUMCAT] **IMARA S10 60 DEGREE**
[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] WITH 60 DEGREE 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, 525.34W

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2513
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	5
Total Luminaire Watts	525.34
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.52
Spacing Criterion (90-270)	0.48
Spacing Criterion (Diagonal)	0.54
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.88 ft
Luminous Width (90-270)	2.93 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	226	265	226
55	204	170	143
65	360	143	129
75	852	181	173
85	538	515	493

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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	7089	7089	7089	7089	7089
5	6240	6235	6181	6095	6053
10	5075	5020	4926	4778	4666
15	3795	3733	3627	3455	3370
20	2503	2496	2336	2172	2164
25	1386	1362	1193	1079	1094
30	592	468	436	430	382
35	195	185	220	221	197
40	112	128	143	139	124
45	82	95	96	87	82
50	70	75	68	57	56
55	60	64	50	41	42
60	68	56	39	33	34
65	78	55	31	28	28
70	100	46	26	25	25
75	113	27	24	23	23
80	91	24	23	22	22
85	24	25	23	22	22
90	37	30	24	22	21

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2131.76	N.A.	84.80
0-40	2285.37	N.A.	90.90
0-60	2405.69	N.A.	95.70
0-90	2513.38	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	2513.38	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	554.20
10-20	993.12
20-30	584.45
30-40	153.61
40-50	72.58
50-60	47.74
60-70	41.70
70-80	37.60
80-90	28.40
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

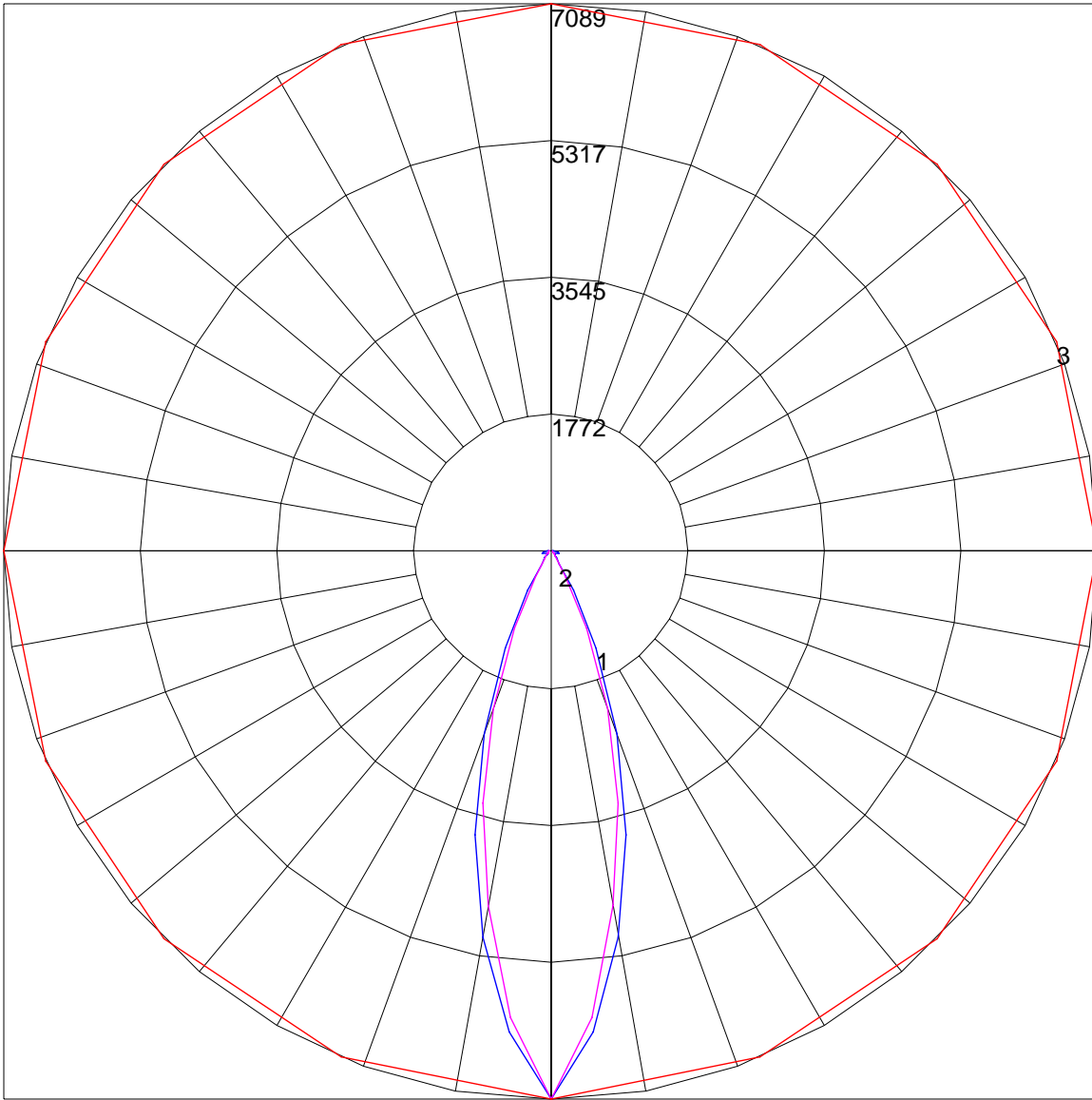
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	93	90	102	97	92	89	94	90	88	92	89	86	89	87	85	83
4	100	93	88	84	98	92	87	83	90	86	82	88	84	82	86	83	81	79
5	96	88	83	79	94	87	83	79	86	81	78	84	80	78	83	79	77	76
6	92	84	79	75	91	83	79	75	82	78	74	81	77	74	79	76	73	72
7	89	81	75	72	87	80	75	71	79	74	71	78	74	71	77	73	70	69
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66
9	82	74	69	66	81	74	69	66	73	68	65	72	68	65	71	68	65	64
10	80	71	66	63	79	71	66	63	70	66	63	70	66	63	69	65	63	61

POLAR GRAPH



Maximum Candela = 7089 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 (90 - 270) : MAGENTA
3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED