



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100803A.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1008-03A
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 10/8/2008
[MANUFAC] ATEX AMERICA
[LUMCAT] FL10-96C1W-11
[LUMINAIRE] 1000MM L. X 10MM W. X 10MM H. FLEXIBLE CHANNEL
[MORE] 96 COOL WHITE LEDS WITH COVERED IN SILICONE DIFFUSER
[LAMPPOSITION] 0,90
[LAMPCAT] COOL WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 12VDC, 4.0W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	N.A.
Total Luminaire Watts	4
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.24
Spacing Criteria (Diagonal)	1.26
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.17 ft
Luminous Width (90-270)	0.03 ft
Luminous Height	0.03 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6939	4087	3390
55	5797	2997	2428
65	4406	2305	1829
75	4304	1932	1477
85	4683	1714	1253

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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	82.4	82.4	82.4	82.4	82.4
5	89.6	89.3	87.7	85.3	84.5
15	100.8	100.6	99.5	97.5	97.1
25	83.9	83.6	83.1	82.0	81.5
35	61.6	61.3	60.7	59.6	59.2
45	43.8	43.7	43.8	43.0	42.4
55	29.8	30.2	30.7	30.4	29.9
65	16.8	20.5	21.8	21.8	21.5
75	10.2	13.6	16.2	16.2	16.0
85	4.0	8.5	12.1	12.2	12.0
90	0.9	6.6	10.8	10.7	10.7
95	0.5	6.4	10.7	10.7	10.6
105	0.0	6.0	10.4	10.5	10.4
115	0.0	4.5	8.9	9.6	9.7
125	0.0	2.0	6.6	8.0	8.3
135	0.0	0.8	4.3	5.8	6.3
145	0.0	0.0	2.0	3.8	4.1
155	0.0	0.0	0.7	1.6	1.9
165	0.0	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

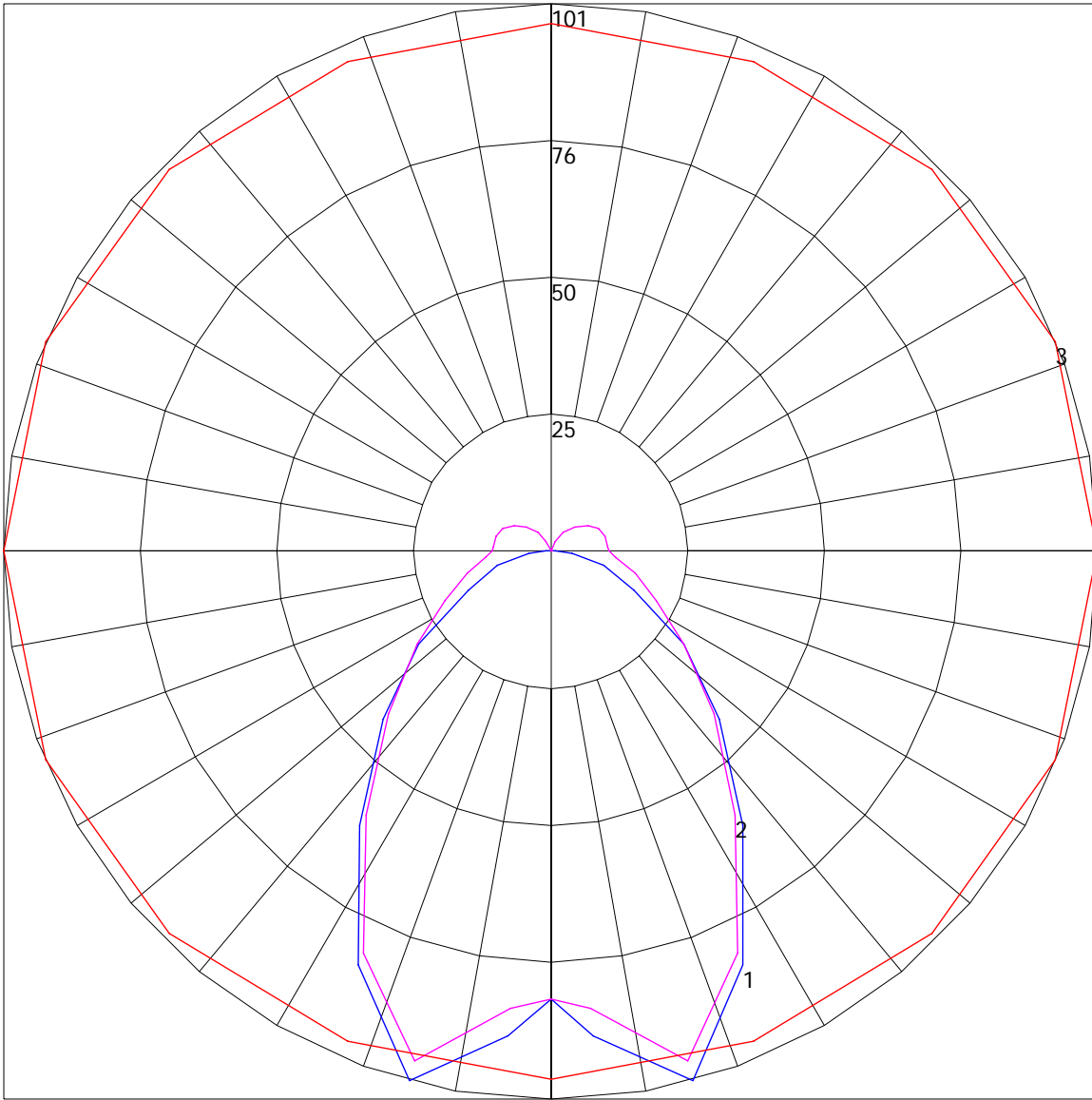
Zone	Lumens	%Lamp	%Fixt
0-30	53.85	N.A.	21.1
0-40	93.1	N.A.	36.5
0-60	160.58	N.A.	62.9
0-90	221.71	N.A.	86.9
90-120	21.14	N.A.	8.3
90-130	26.9	N.A.	10.5
90-150	32.48	N.A.	12.7
90-180	33.39	N.A.	13.1
0-180	255.1	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	2.03
10-20	17.73
20-30	34.09
30-40	39.25
40-50	36.57
50-60	30.91
60-70	24.23
70-80	18.31
80-90	18.58
90-100	4.6
100-110	8.82
110-120	7.71
120-130	5.76
130-140	3.65
140-150	1.93
150-160	.76
160-170	.15
170-180	0

POLAR GRAPH



Maximum Candela = 100.8 Located At Horizontal Angle = 0, Vertical Angle = 15
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 (15) (Through Max. Cd.) : RED