

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060903B.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0609-19B
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 06/019/2009
 [MANUFAC] ATEX AMERICA, INC.
 [LUMCAT] FL10-96T4W-11
 [LUMINAIRE] 965mm L. X 7mm W. X 12mm H. SILICONE COVERED FLEXIBLE LIGHT
 [MORE] 10mm SPACING, 96 COOL WHITE LEDS WITH DIFFUSED CAP
 [LAMPPOSITION] 0,0
 [LAMPCAT] COOL WHITE LED
 [_INPUT] 12VDC, 3.93W

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	Direct
Spacing Criteria (0-180)	1.30
Spacing Criteria (90-270)	1.30
Spacing Criteria (Diagonal)	1.34
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	6907	4040	3454
55	6633	3310	2744
65	6845	2812	2246
75	7427	2468	1893
85	6322	2295	1670

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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	69.2	69.2	69.2	69.2	69.2
5	78.9	78.9	78.4	77.2	76.6
15	81.5	81.4	81.0	80.0	79.6
25	70.0	70.0	69.8	69.5	68.9
35	55.8	55.7	55.5	55.5	55.4
45	43.6	43.5	43.3	43.2	43.2
55	34.1	34.0	33.9	33.9	33.8
65	26.1	26.3	26.6	26.5	26.4
75	17.6	20.5	20.7	20.7	20.5
85	5.4	15.9	16.2	16.2	16.0
90	0.5	13.4	14.3	14.1	14.1
95	0.5	10.3	12.4	12.3	12.3
105	0.4	3.6	8.6	8.8	8.8
115	0.3	0.3	4.2	5.4	5.4
125	0.3	0.3	0.7	2.2	2.4
135	0.3	0.3	0.3	0.4	0.5
145	0.3	0.3	0.3	0.3	0.3
155	0.3	0.3	0.3	0.3	0.3
165	0.3	0.3	0.3	0.3	0.3
175	0.3	0.3	0.3	0.3	0.3
180	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

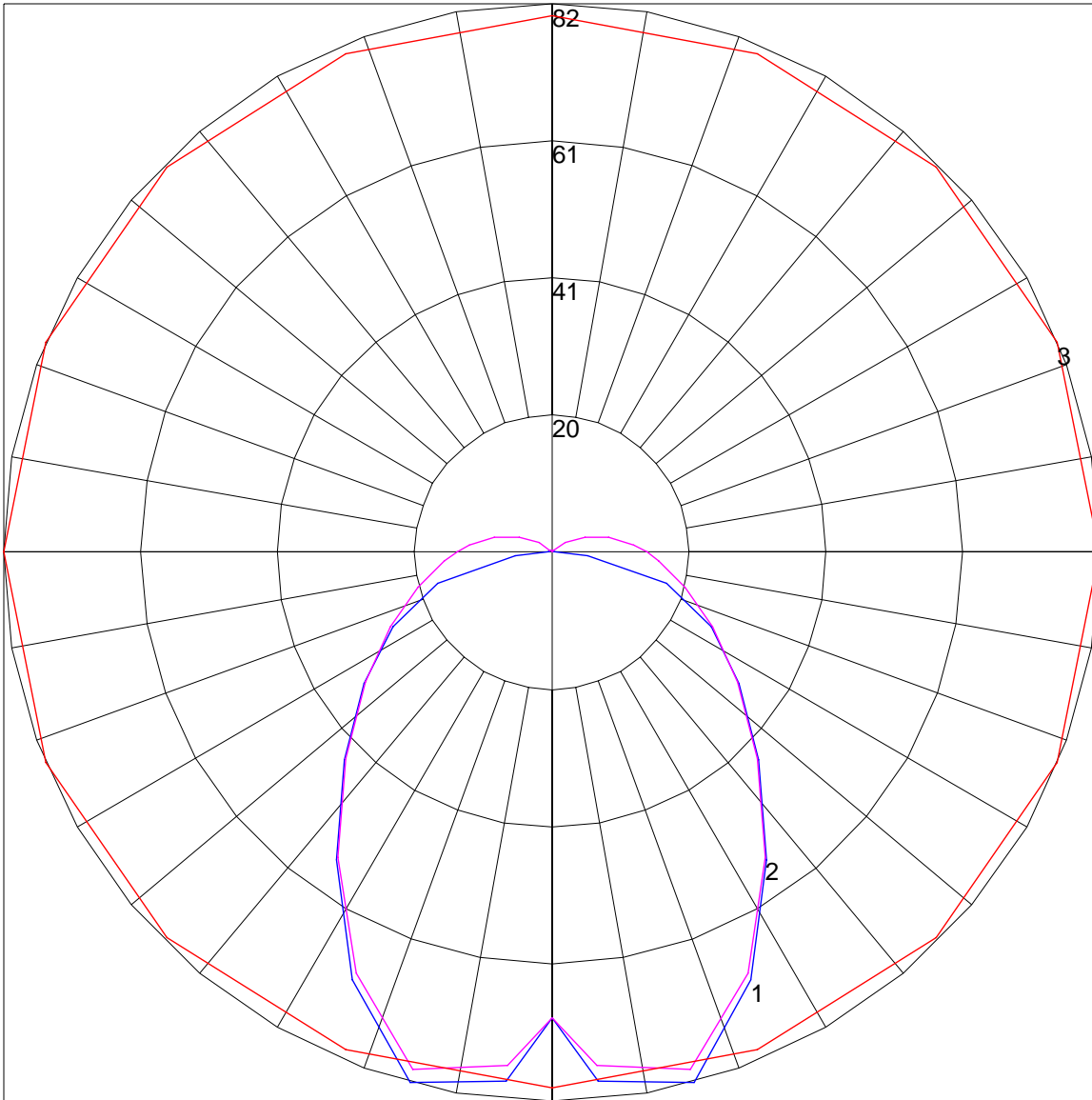
Zone	Lumens	%Lamp	%Fixt
0-30	45.04	N.A.	18.1
0-40	79.33	N.A.	31.9
0-60	146.58	N.A.	58.9
0-90	225.47	N.A.	90.6
90-120	20.16	N.A.	8.1
90-130	22.21	N.A.	8.9
90-150	23.07	N.A.	9.3
90-180	23.4	N.A.	9.4
0-180	248.87	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1.76
10-20	15.1
20-30	28.17
30-40	34.3
40-50	34.82
50-60	32.42
60-70	28.62
70-80	24.01
80-90	26.27
90-100	6.19
100-110	9.03
110-120	4.93
120-130	2.05
130-140	.62
140-150	.23
150-160	.16
160-170	.11
170-180	.06

POLAR GRAPH



Maximum Candela = 81.5 Located At Horizontal Angle = 0, Vertical Angle = 15
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)