

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI040919A.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0409-19A
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 4/22/2009
 [MANUFAC] ATEX
 [LUMCAT] CL10-96C1M-30
 [LUMINAIRE] 978MM L. X 8MM W. X 16.6MM H. FLEXIBLE SUPER COLOR SILICONE LIGHT
 [MORE] 10MM SPACING, 32 RED, 32 GREEN AND 32 BLUE LEDS
 [MORE] WITH COVERED IN SILICONE DIFFUSER
 [LAMPPOSITION] 0,90
 [LAMPCAT] RED, GREEN AND BLUE LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 15VDC, 4.30W

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)	1.08
Spacing Criteria (90-270)	1.00
Spacing Criteria (Diagonal)	1.18
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	4768	2575	2127
55	4377	1972	1559
65	1993	1343	1038
75	1224	942	711
85	1054	779	564

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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	57.4	57.4	57.4	57.4	57.4
5	59.8	59.5	57.4	55.2	54.5
15	53.3	53.4	51.7	49.5	48.7
25	44.4	44.2	42.9	41.7	41.0
35	36.6	35.9	34.7	33.6	33.2
45	30.1	29.3	27.6	26.6	26.6
55	22.5	21.0	20.2	19.6	19.2
65	7.6	12.7	12.7	12.3	12.2
75	2.9	6.3	7.9	7.7	7.7
85	0.9	3.7	5.5	5.4	5.4
90	0.3	3.0	4.8	4.7	4.7
95	0.2	2.5	4.2	4.2	4.2
105	0.2	1.9	3.4	3.4	3.3
115	0.2	1.5	2.7	2.7	2.7
125	0.2	1.1	2.1	2.3	2.3
135	0.2	0.6	1.5	1.7	1.8
145	0.2	0.3	0.9	1.2	1.3
155	0.2	0.2	0.4	0.7	0.7
165	0.2	0.2	0.2	0.3	0.3
175	0.2	0.2	0.2	0.2	0.2
180	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

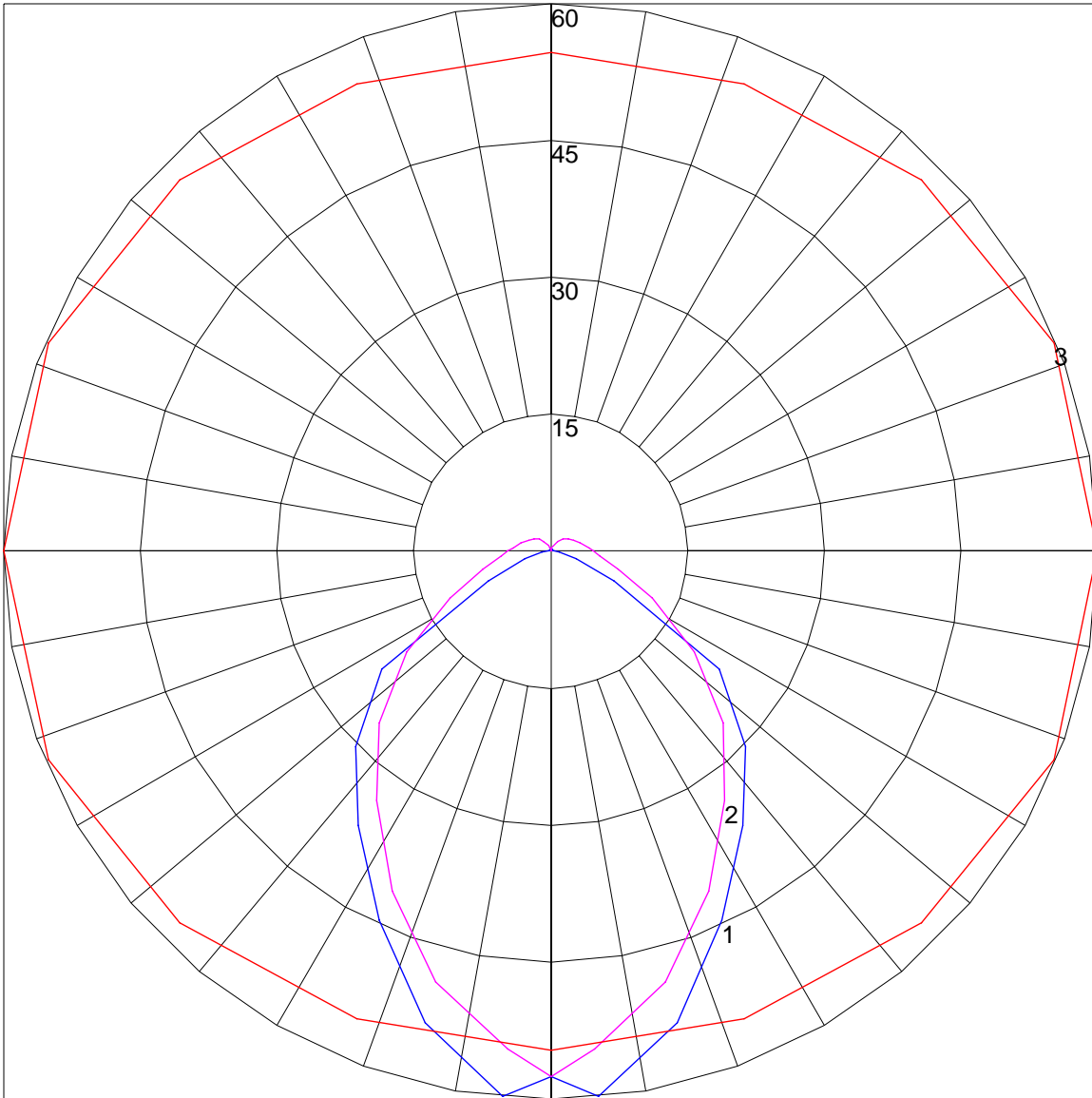
Zone	Lumens	%Lamp	%Fixt
0-30	29.37	N.A.	21.3
0-40	50.63	N.A.	36.7
0-60	93	N.A.	67.4
0-90	126.25	N.A.	91.5
90-120	7.52	N.A.	5.5
90-130	9.31	N.A.	6.7
90-150	11.22	N.A.	8.1
90-180	11.72	N.A.	8.5
0-180	137.98	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1.37
10-20	10.34
20-30	17.66
30-40	21.26
40-50	22.08
50-60	20.29
60-70	15.32
70-80	9.62
80-90	8.3
90-100	1.92
100-110	3.18
110-120	2.42
120-130	1.79
130-140	1.21
140-150	.7
150-160	.34
160-170	.13
170-180	.04

POLAR GRAPH



Maximum Candela = 59.8 Located At Horizontal Angle = 0, Vertical Angle = 5
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 (5) (Through Max. Cd.) : RED