

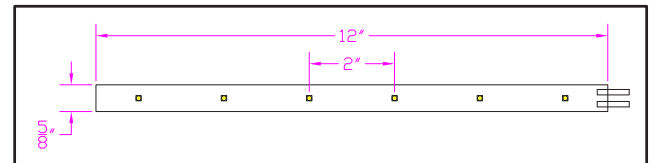
**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI020910A.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLI 0209-10A  
 [TESTLAB] LIGHT LABORATORY INC  
 [ISSUEDATE] 3/2/2009  
 [MANUFAC] J&J ELECTRONICS  
 [LUMCAT] LLS-12-120-2800K  
 [LUMINAIRE] 12"L. X 5/8"W. LED STRIP LIGHT  
 [MORE] 2" SPACING, 6 WARM WHITE LEDS  
 [LAMPPOSITION] 0,0  
 [LAMPCAT] WARM WHITE LED  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [MORE] LM-79  
 [INPUT] 24VAC, 3.75W

**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)	1.24
Spacing Criteria (90-270)	1.24
Spacing Criteria (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.84 ft
Luminous Width (90-270)	0.01 ft
Luminous Height	0.00 ft



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	32499	32589	31955
55	29909	30355	30578
65	26355	26960	26960
75	20280	21269	20775
85	13220	11751	11751

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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>
<b>0.0</b>	28.1	28.1	28.1	28.1	28.1
<b>1.0</b>	28.1	28.2	28.1	27.7	28.1
<b>3.0</b>	28.1	28.2	28.0	27.7	28.1
<b>5.0</b>	28.2	28.3	27.8	27.9	28.2
<b>7.0</b>	27.8	28.1	27.5	27.7	28.1
<b>9.0</b>	27.7	27.8	27.3	27.4	27.5
<b>11.0</b>	27.5	27.3	27.3	27.5	27.1
<b>13.0</b>	27.3	27.0	26.9	27.4	26.7
<b>15.0</b>	26.7	26.5	26.7	26.9	26.4
<b>17.0</b>	25.9	26.2	26.5	26.2	26.0
<b>19.5</b>	25.5	25.8	26.3	25.6	25.8
<b>22.5</b>	25.0	25.3	25.4	25.0	25.2
<b>25.5</b>	24.1	24.2	24.4	24.6	24.3
<b>29.0</b>	23.4	23.4	23.3	23.8	23.5
<b>33.0</b>	22.1	22.3	22.3	22.1	22.2
<b>37.5</b>	20.6	20.6	20.9	20.8	20.5
<b>42.5</b>	18.9	18.8	19.1	19.0	18.7
<b>47.5</b>	17.0	17.0	16.9	16.8	16.6
<b>55.0</b>	13.4	13.5	13.6	13.6	13.7
<b>65.0</b>	8.7	8.8	8.9	8.8	8.9
<b>75.0</b>	4.1	4.2	4.3	4.3	4.2
<b>85.0</b>	0.9	1.0	0.8	0.8	0.8
<b>90.0</b>	0.3	0.3	0.3	0.3	0.3

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**ZONAL LUMEN SUMMARY**

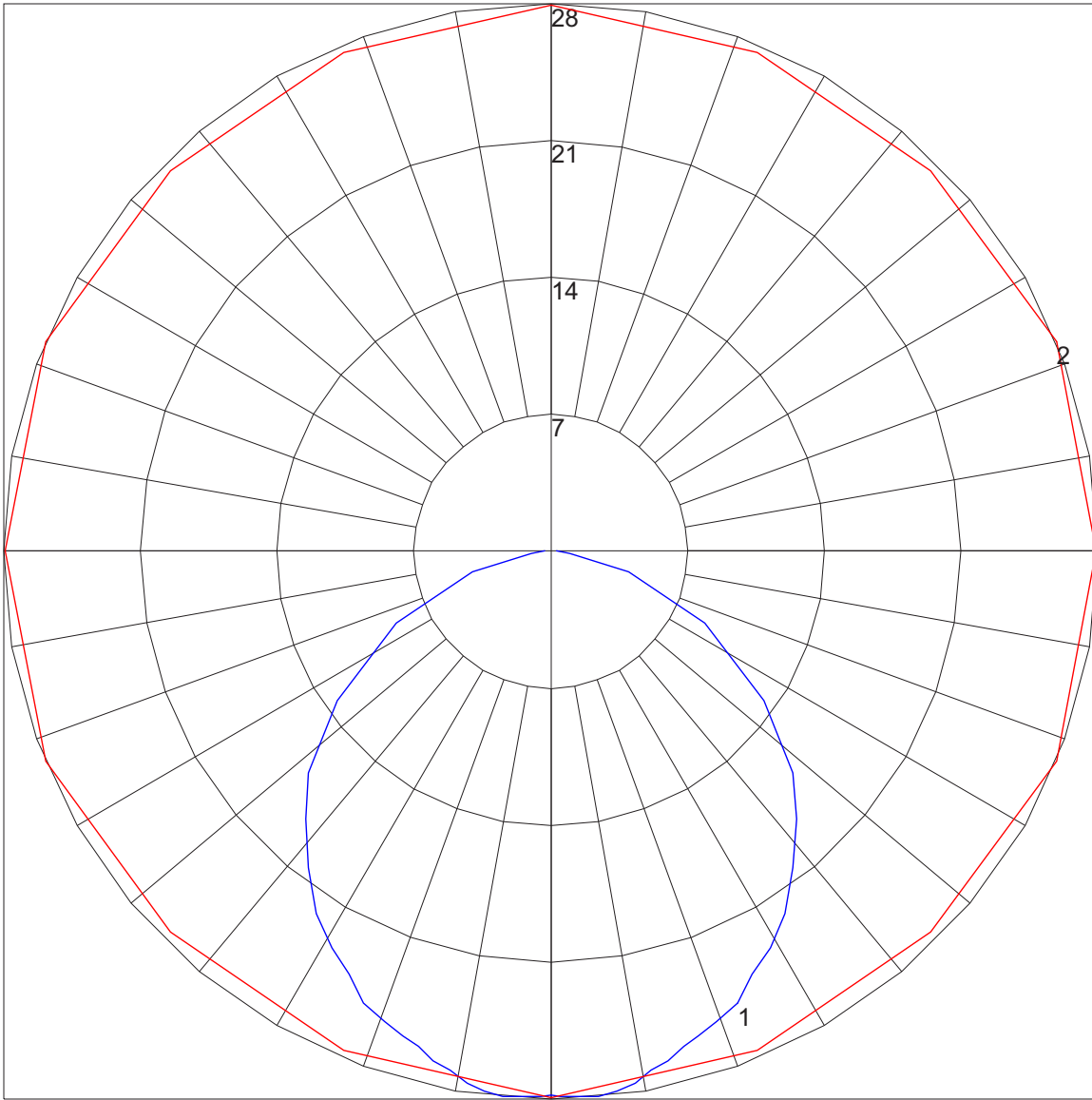
Zone	Lumens	%Lamp	%Fixt
0-30	20.22	N.A.	26.8
0-40	31.5	N.A.	41.7
0-60	55.17	N.A.	73
0-90	75.58	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	75.58	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	2.15
10-20	7.54
20-30	10.53
30-40	11.27
40-50	13.92
50-60	9.75
60-70	10.62
70-80	6.72
80-90	3.07
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

POLAR GRAPH



Maximum Candela = 28.3 Located At Horizontal Angle = 22.5, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.) : BLUE  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED