



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI030610N.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LLI0306-10N  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUEDATE] 3/29/2006  
[MANUFAC] J&J ELECTRONICS  
[LUMCAT] LLS-16-115-RGB  
[LUMINAIRE] 16" X 5/8" X 3/8" COLOR GLO LED LIGHT STRIP.  
[MORE] 48 RGB LEDS 115 DEGREES.  
[LAMPPOSITION] 0,0  
[LAMPCAT] RGB LEDS  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[\_INPUT] 120VAC, 7.88W

**CHARACTERISTICS**

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	1.40
Spacing Criteria (90-270)	1.34
Spacing Criteria (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.33 ft
Luminous Width (90-270)	0.02 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14125	13688	12343
55	7131	6385	6800
65	5064	4502	4164
75	3859	4227	3859
85	3820	4911	3274

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**CANDELA TABULATION**

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
<b>0</b>	30.4	30.4	30.4	30.4	30.4
<b>1</b>	31.4	31.1	30.9	30.4	30.3
<b>3</b>	32.6	32.4	32	31.4	31.1
<b>5</b>	34	33.8	33.3	32.6	32.2
<b>7</b>	35.2	35	34.6	33.6	33.3
<b>9</b>	36	35.8	35.5	34.5	34.1
<b>11</b>	36.3	36.2	36	35	34.5
<b>13</b>	36.3	36.3	36.3	35.3	34.5
<b>15</b>	36	36.1	36.2	35.2	34.2
<b>17</b>	35.6	35.7	35.9	34.8	33.6
<b>19.5</b>	34.9	34.9	35.1	34	32.8
<b>22.5</b>	33.5	33.5	33.6	32.8	31.4
<b>25.5</b>	31.9	32	32	31.4	30.1
<b>29</b>	29.9	30.1	30.2	29.8	28.5
<b>33</b>	27.7	28.3	28.6	28.1	26.8
<b>37.5</b>	26.5	26.7	26.8	26.1	24.9
<b>42.5</b>	24	23.1	23.7	23.2	21.3
<b>47.5</b>	18	16.5	17	17.7	15.4
<b>55</b>	8.6	7	7.7	9.3	8.2
<b>65</b>	4.5	4.2	4	4.2	3.7
<b>75</b>	2.1	2.4	2.3	2.2	2.1
<b>85</b>	0.7	1	0.9	0.9	0.6
<b>90</b>	0.6	0.6	0.6	0.6	0.6

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**ZONAL LUMEN SUMMARY**

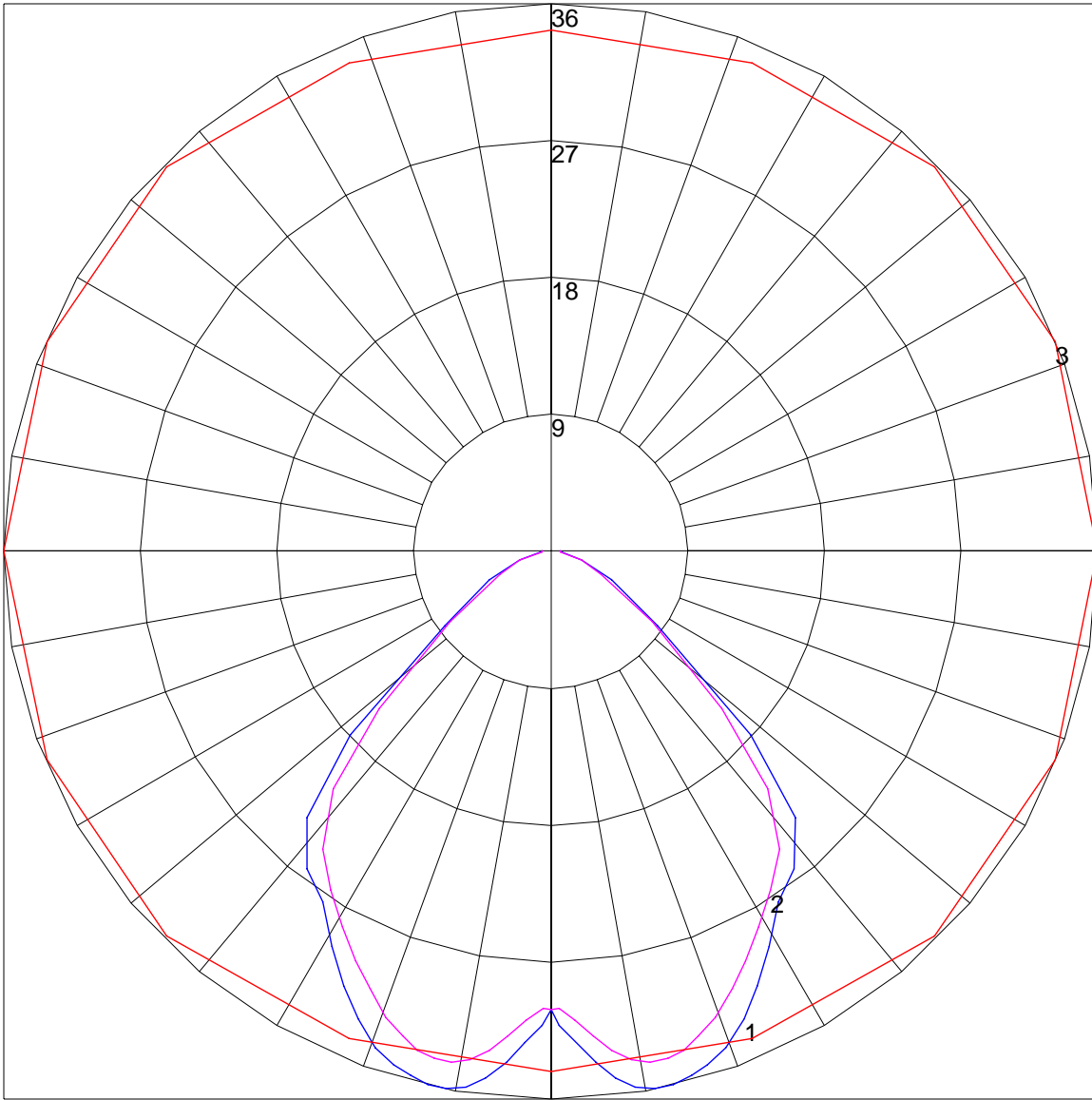
Zone	Lumens	%Lamp	%Fixt
0-30	26.32	N.A.	34.5
0-40	40.6	N.A.	53.2
0-60	65.13	N.A.	85.4
0-90	76.29	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	76.29	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	2.6
10-20	10.01
20-30	13.71
30-40	14.28
40-50	16.5
50-60	8.04
60-70	5.8
70-80	3.28
80-90	2.08
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 = 36.3 Located At Horizontal Angle = 0, Vertical Angle = 11  
# 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 (11) (Through Max. Cd.) : RED