



**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

CANDELA TABULATION

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

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ZONAL LUMEN SUMMARY

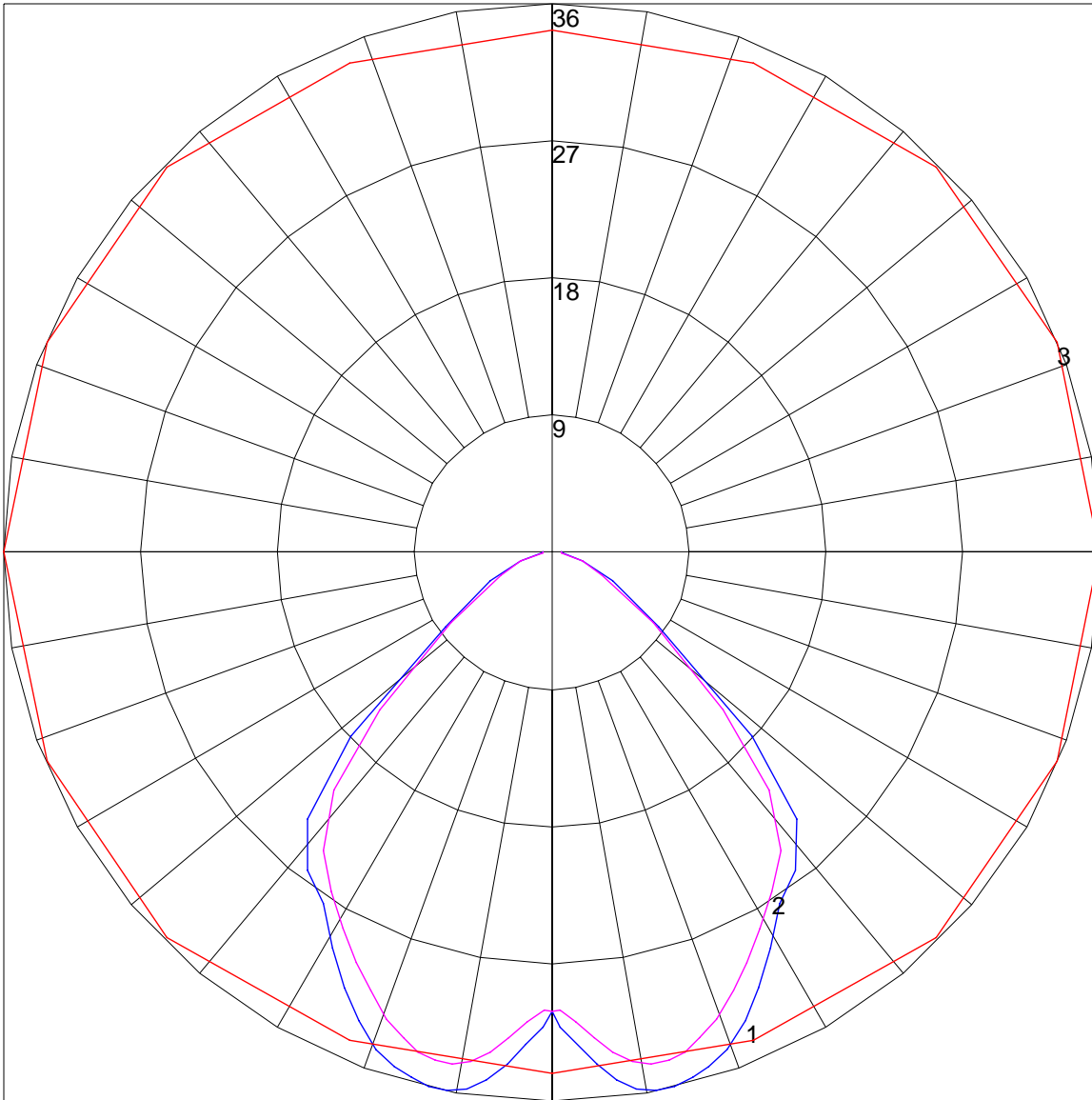
Zone	Lumens	%Lamp	%Fixt
0-30	26.32	N.A.	34.5
0-40	40.6	N.A.	53.2
0-60	65.13	N.A.	85.4
0-90	76.29	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	76.29	N.A.	100

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



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI0306100.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI0306-100
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 3/29/2006
[MANUFAC] J&J ELECTRONICS
[LUMCAT] LLS-16-30-RGB
[LUMINAIRE] 16" X 5/8" X 3/8" COLOR GLO LED LIGHT STRIP.
[MORE] 48 RGB LEDS 30 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, 7.89W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.48
Spacing Criteria (90-270)	0.48
Spacing Criteria (Diagonal)	0.52
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	3699	3800	3195
55	2736	2239	2239
65	1801	1801	1463
75	2389	2756	2389
85	4366	4911	6003

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CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	131.5	131.5	131.5	131.5	131.5
1	129.2	128.5	128	126.3	125.9
3	118.8	119.3	119.3	117.6	117.3
5	109.8	109.7	109.5	108.4	108.4
7	100.2	100.1	99.9	98.1	97.5
9	90.2	90.2	89.9	87.7	86.8
11	80.2	80.5	80.9	79.1	77.9
13	71.6	72.2	73.2	72.5	72
15	63.7	64.5	66.5	65.9	65.1
17	54.6	55.5	56.4	54.6	54
19.5	40.5	41.1	41.8	39.2	36.7
22.5	25.4	25.7	26.1	25.2	23.9
25.5	16.4	16.2	16.3	15.7	15.1
29	11.5	11	10.8	10.6	10.3
33	9	8.7	8.6	8.6	8.4
37.5	7.6	7.5	7.4	7.4	7
42.5	6.2	6.3	6.3	6.2	5.7
47.5	4.8	4.1	5	4.9	3.8
55	3.3	2.4	2.7	3.4	2.7
65	1.6	1.4	1.6	1.7	1.3
75	1.3	1.6	1.5	1.3	1.3
85	0.8	1	0.9	1.2	1.1
90	0.7	0.7	0.7	0.7	0.7

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ZONAL LUMEN SUMMARY

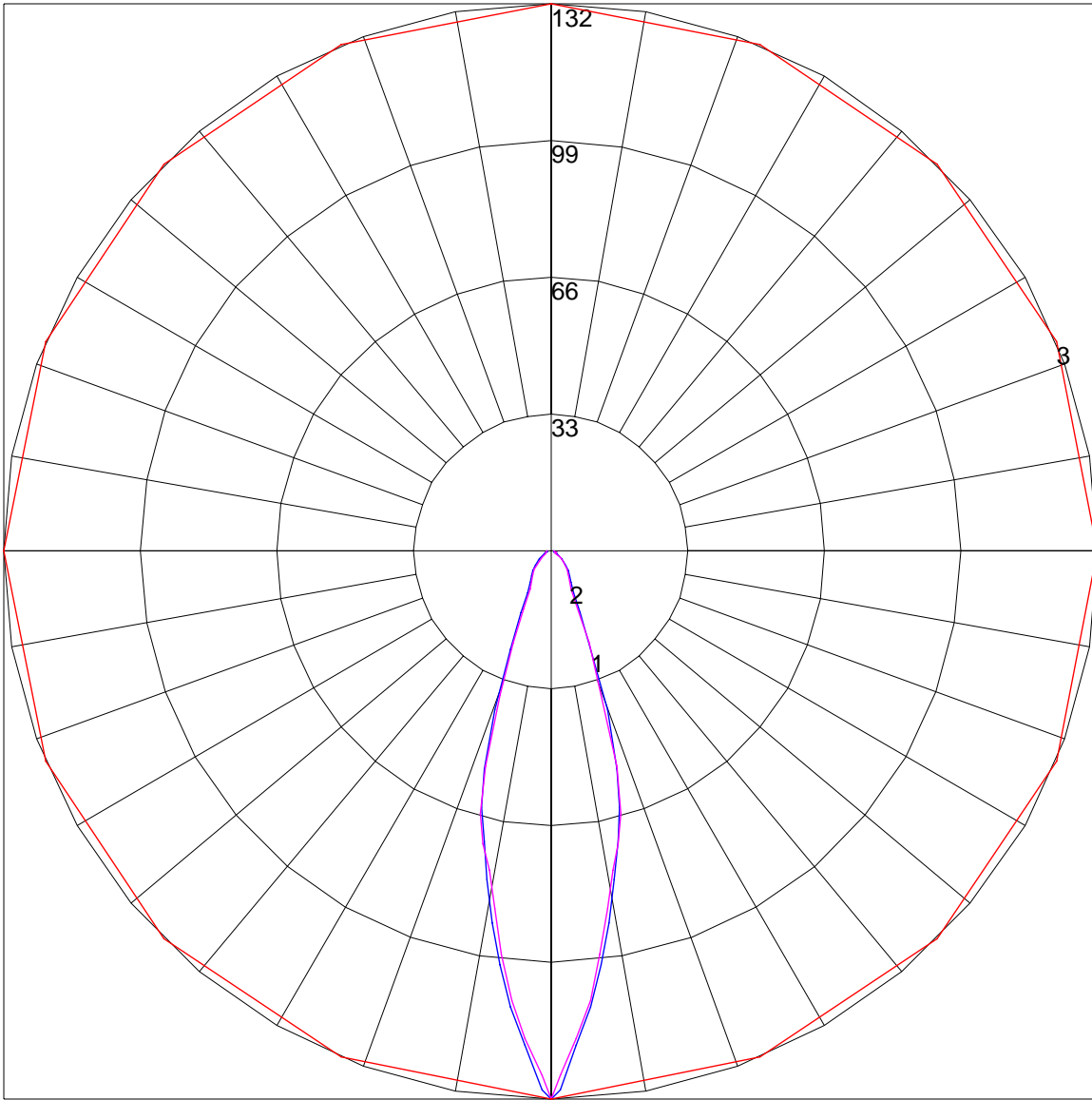
Zone	Lumens	%Lamp	%Fixt
0-30	35.14	N.A.	67.7
0-40	39.63	N.A.	76.4
0-60	46.49	N.A.	89.6
0-90	51.89	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	51.89	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	8.07
10-20	18.08
20-30	8.99
30-40	4.48
40-50	4.48
50-60	2.39
60-70	2.09
70-80	1.52
80-90	1.78
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 = 131.5 Located At Horizontal Angle = 0, Vertical Angle = 0
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 (0) (Through Max. Cd.) : RED