



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI030610A.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

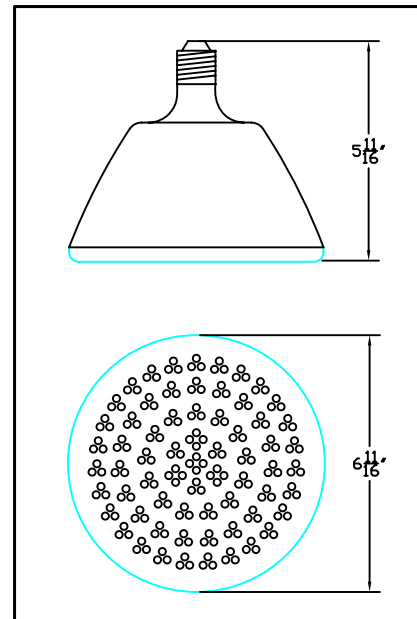
IESNA:LM-63-2002  
[TEST] LLI0306-10A  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUEDATE] 3/28/06  
[MANUFAC] J&J ELECTRONICS  
[LUMCAT] CGAL-2030-110  
[LUMINAIRE] 6-11/16" DIA. X 4-15/16" H. WALL WASH LIGHT EDISON BASE  
[LAMPPOSITION] 0,0  
[LAMP] 202 RGB 5MM 30 DEGREE LED  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[\_INPUT] 120VAC, 15.57W

**CHARACTERISTICS**

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.44
Spacing Criteria (90-270)	0.44
Spacing Criteria (Diagonal)	0.46
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.53 ft (Diameter)
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	977	977	977
55	630	630	630
65	473	473	473
75	471	471	471
85	364	364	364



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CANDELA TABULATION

	<u>0</u>
0	352.78
1	344.64
3	319.18
5	287.31
7	256.01
9	227.53
11	203.33
13	181.16
15	152.46
17	117.95
19.5	77.31
22.5	46.18
25.5	32.64
29	25.87
33	22.15
37.5	19.18
42.5	16.14
47.5	12.22
55	7.41
65	4.1
75	2.5
85	0.65
90	0

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**ZONAL LUMEN SUMMARY**

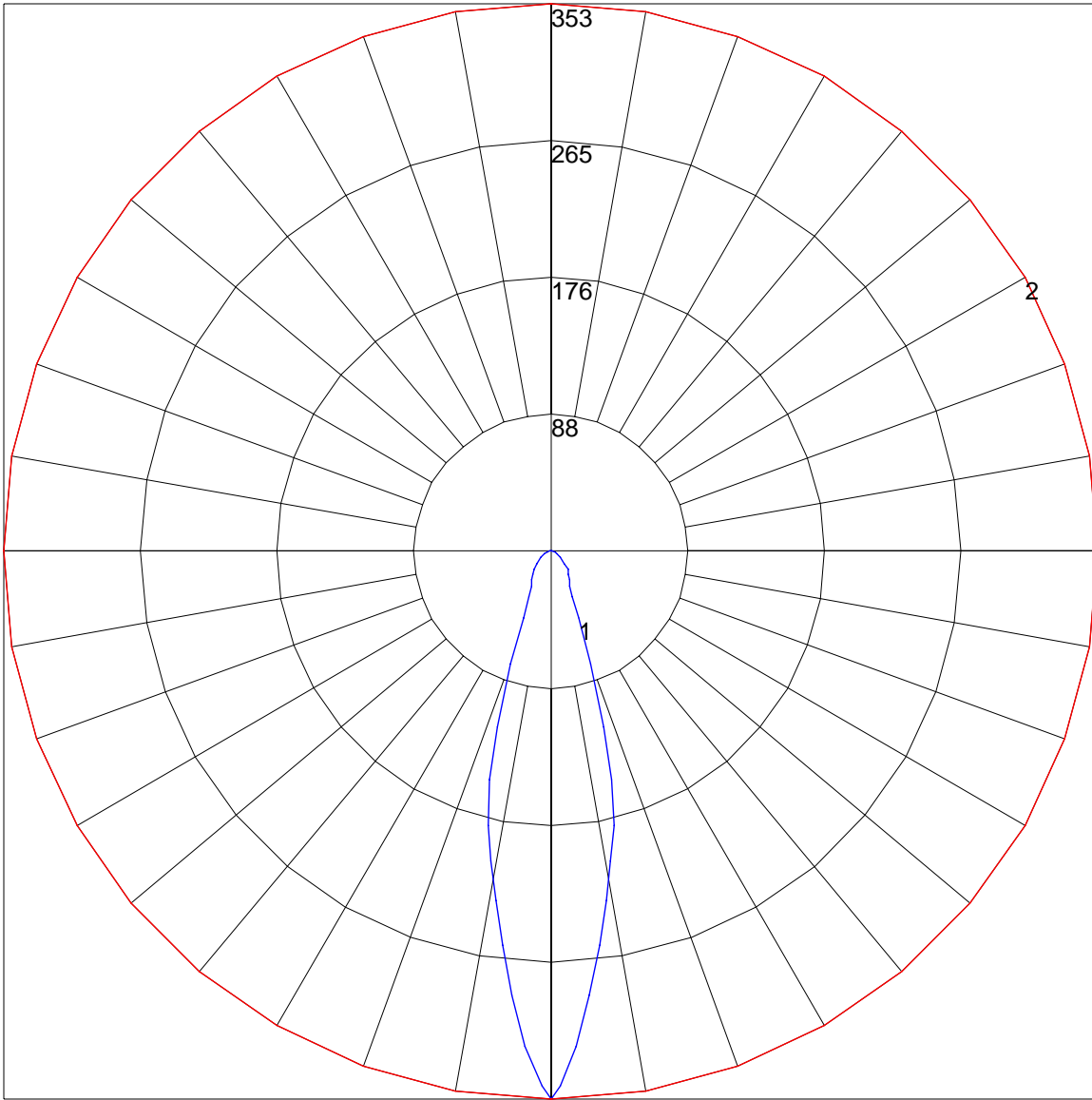
Zone	Lumens	%Lamp	%Fixt
0-30	81.19	N.A.	67
0-40	92.5	N.A.	76.3
0-60	110.5	N.A.	91.1
0-90	121.24	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	121.24	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	21.12
10-20	42.38
20-30	17.69
30-40	11.31
40-50	11.72
50-60	6.29
60-70	5.46
70-80	3.4
80-90	1.88
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 = 352.78 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI030610B.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

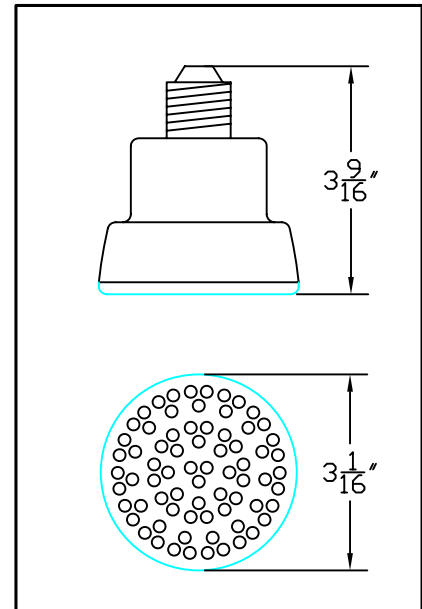
IESNA:LM-63-2002  
[TEST] LLI0306-10B1  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUE DATE] 3/28/06  
[MANUFAC] J&J ELECTRONICS  
[LUMCAT] CGAL-7030-110  
[LUMINAIRE] 3-1/16" DIA. X 2-7/16" H. WALL WASH LIGHT EDISON BASE  
[LAMP POSITION] 0,0  
[LAMP CAT] 72 RGB 5MM 30 DEGREE LED  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[\_INPUT] 120VAC, 5.49W

**CHARACTERISTICS**

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.50
Spacing Criteria (90-270)	0.50
Spacing Criteria (Diagonal)	0.52
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.24 ft (Diameter)
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1918	1918	1918
55	1616	1616	1616
65	1249	1249	1249
75	946	946	946
85	1064	1064	1064



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CANDELA TABULATION

	<u>0</u>
0	125.15
1	121.59
3	111.3
5	102.15
7	94.52
9	86.12
11	78.18
13	71.25
15	63.73
17	53.39
19.5	39.12
22.5	24.78
25.5	15.63
29	10.91
33	8.66
37.5	7.38
42.5	6.33
47.5	5.08
55	3.9
65	2.22
75	1.03
85	0.39
90	0

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**ZONAL LUMEN SUMMARY**

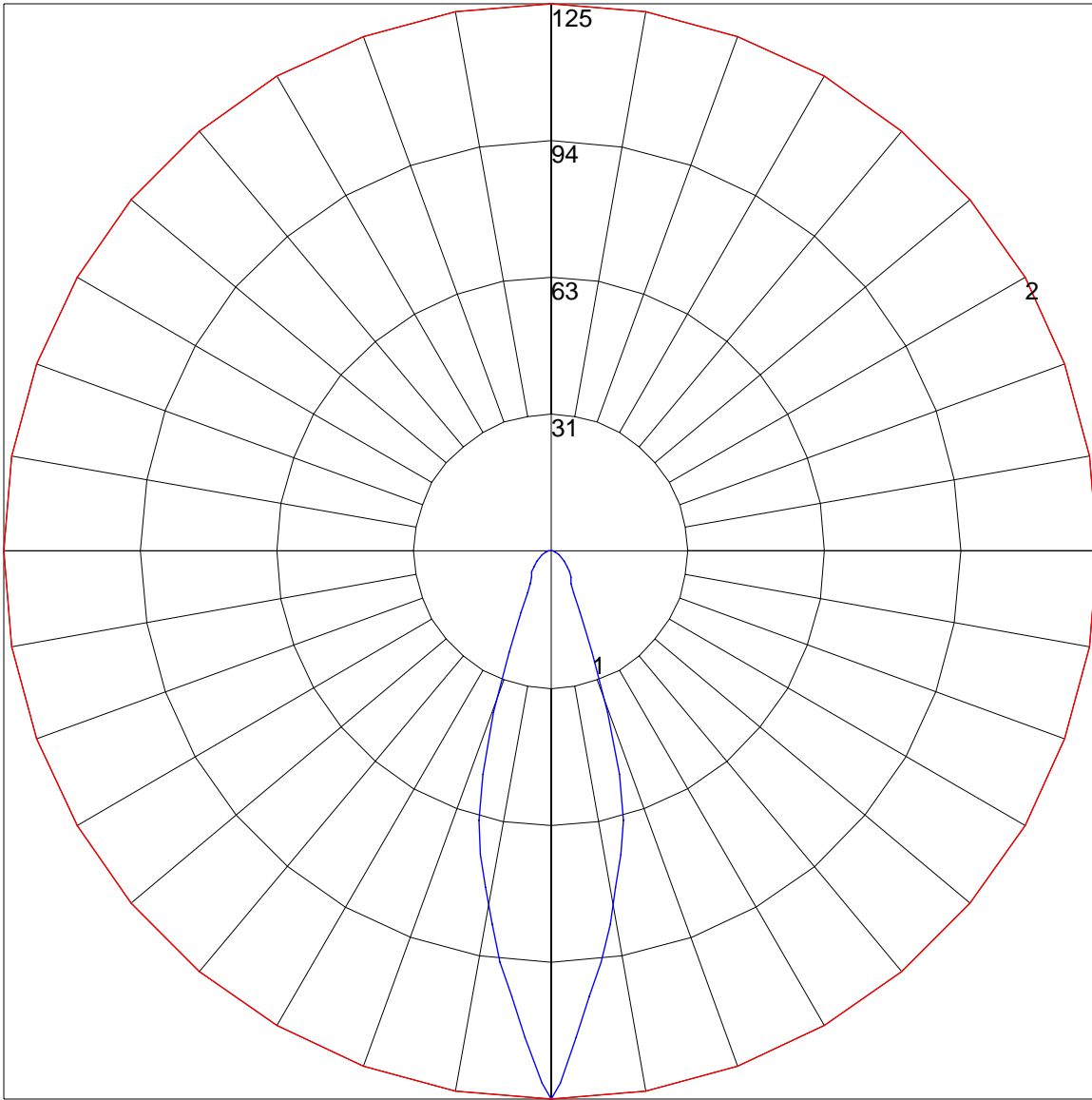
Zone	Lumens	%Lamp	%Fixt
0-30	34.08	N.A.	66.1
0-40	38.58	N.A.	74.9
0-60	46.08	N.A.	89.4
0-90	51.53	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	51.53	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	7.65
10-20	17.63
20-30	8.8
30-40	4.49
40-50	4.63
50-60	2.88
60-70	2.9
70-80	1.67
80-90	.87
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 = 125.15 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)