



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707A.IES**

DESCRIPTION INFORMATION (From Photometric File)

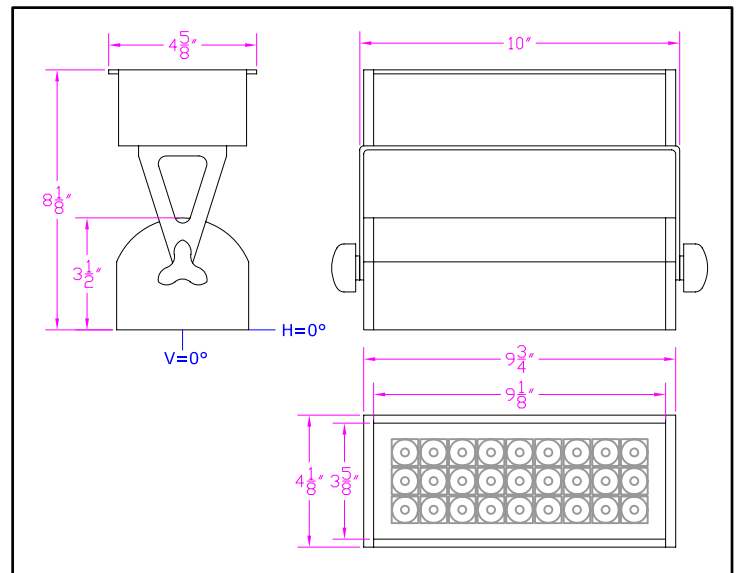
IESNA:LM-63-2002
[TEST] LLI 0706-07A
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 6/28/2007
[MANUFAC] J&J ELECTRONIC, INC.
[LUMCAT] LLS-PP1200-28-RED
[LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 MEDIUM ANGLE WASH LIGHT
[MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 9 RED LEDS ON
[MORE] ACRYLIC CLEAR LENS
[_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
[LAMPPOSITION] 0,0
[LAMPCAT] RED LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 20.18W

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)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	600	734	667
55	329	411	411
65	223	223	335
75	182	182	182
85	541	541	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707A.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	849	849	849	849	849
5	812	804	790	779	774
15	391	402	393	385	395
25	98	106	100	97	107
35	24	27	26	25	28
45	9	10	11	10	10
55	4	4	5	6	5
65	2	2	2	3	3
75	1	1	1	1	1
85	1	1	1	1	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707A.IES

ZONAL LUMEN SUMMARY

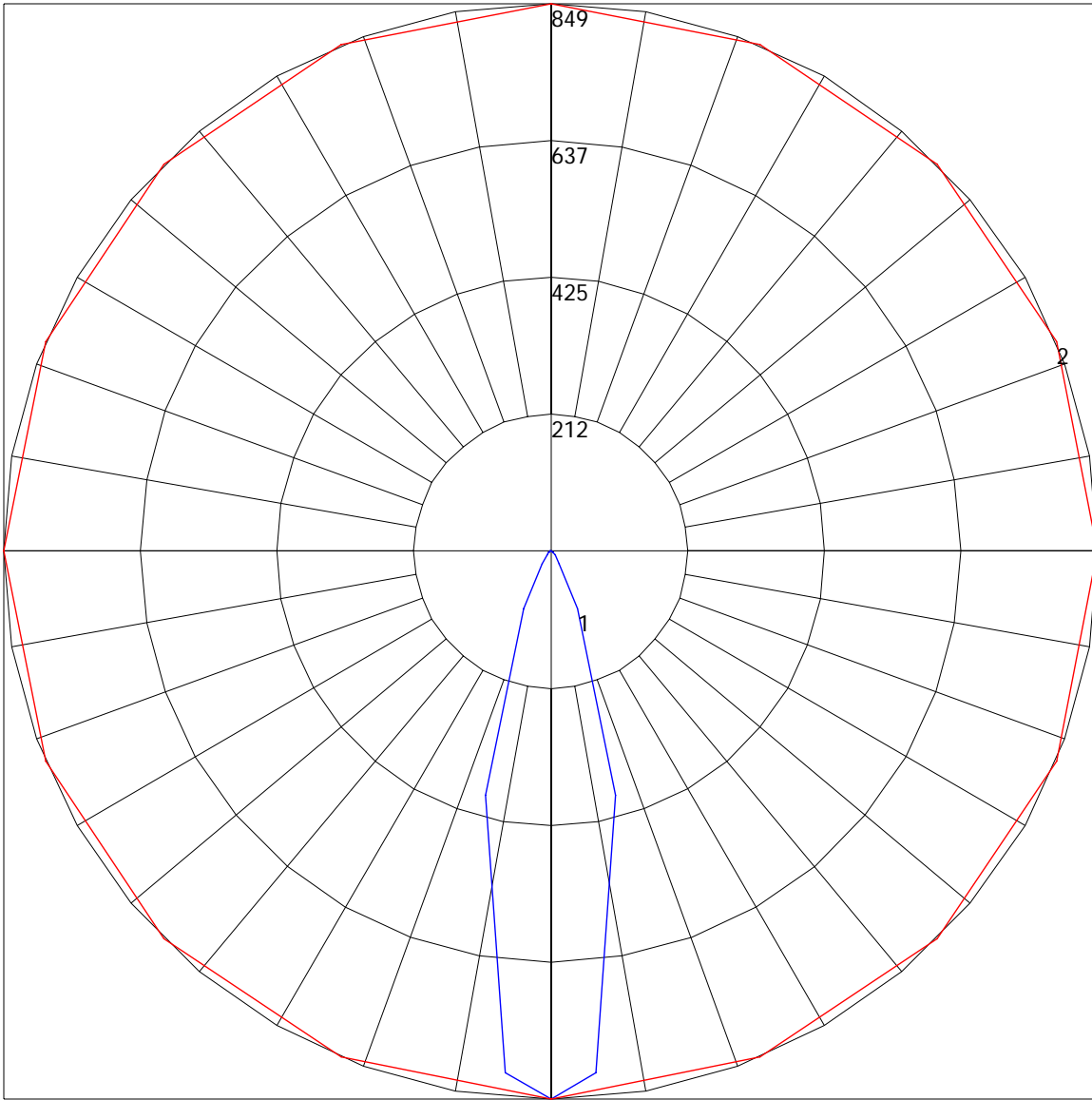
Zone	Lumens	%Lamp	%Fixt
0-30	224.91	N.A.	78.9
0-40	259.79	N.A.	91.1
0-60	278.8	N.A.	97.7
0-90	285.22	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	285.22	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	19.61
10-20	112.66
20-30	92.64
30-40	34.88
40-50	12.72
50-60	6.29
60-70	3.44
70-80	1.74
80-90	1.25
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 = 849 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 : LLI060707B.IES**

DESCRIPTION INFORMATION (From Photometric File)

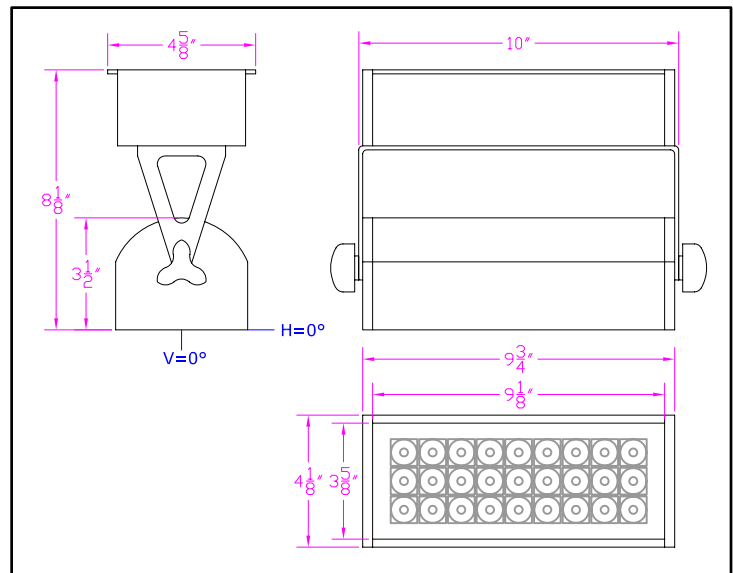
IESNA:LM-63-2002
 [TEST] LLI 0706-07B
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 6/28/2007
 [MANUFAC] J&J ELECTRONIC, INC.
 [LUMCAT] LLS-PP1200-28-GREEN
 [LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 MEDIUM ANGLE WASH LIGHT
 [MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 GREEN LEDS ON
 [MORE] ACRYLIC CLEAR LENS
 [_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
 [LAMPPOSITION] 0,0
 [LAMPCAT] GREEN LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 120VAC, 20.21W

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	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	667	734	734
55	411	493	493
65	223	335	335
75	182	182	182
85	0	0	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707B.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	740	740	740	740	740
5	715	705	690	679	677
15	354	366	358	351	360
25	93	102	97	93	103
35	24	27	27	25	27
45	10	11	11	11	11
55	5	5	6	6	6
65	2	2	3	3	3
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707B.IES

ZONAL LUMEN SUMMARY

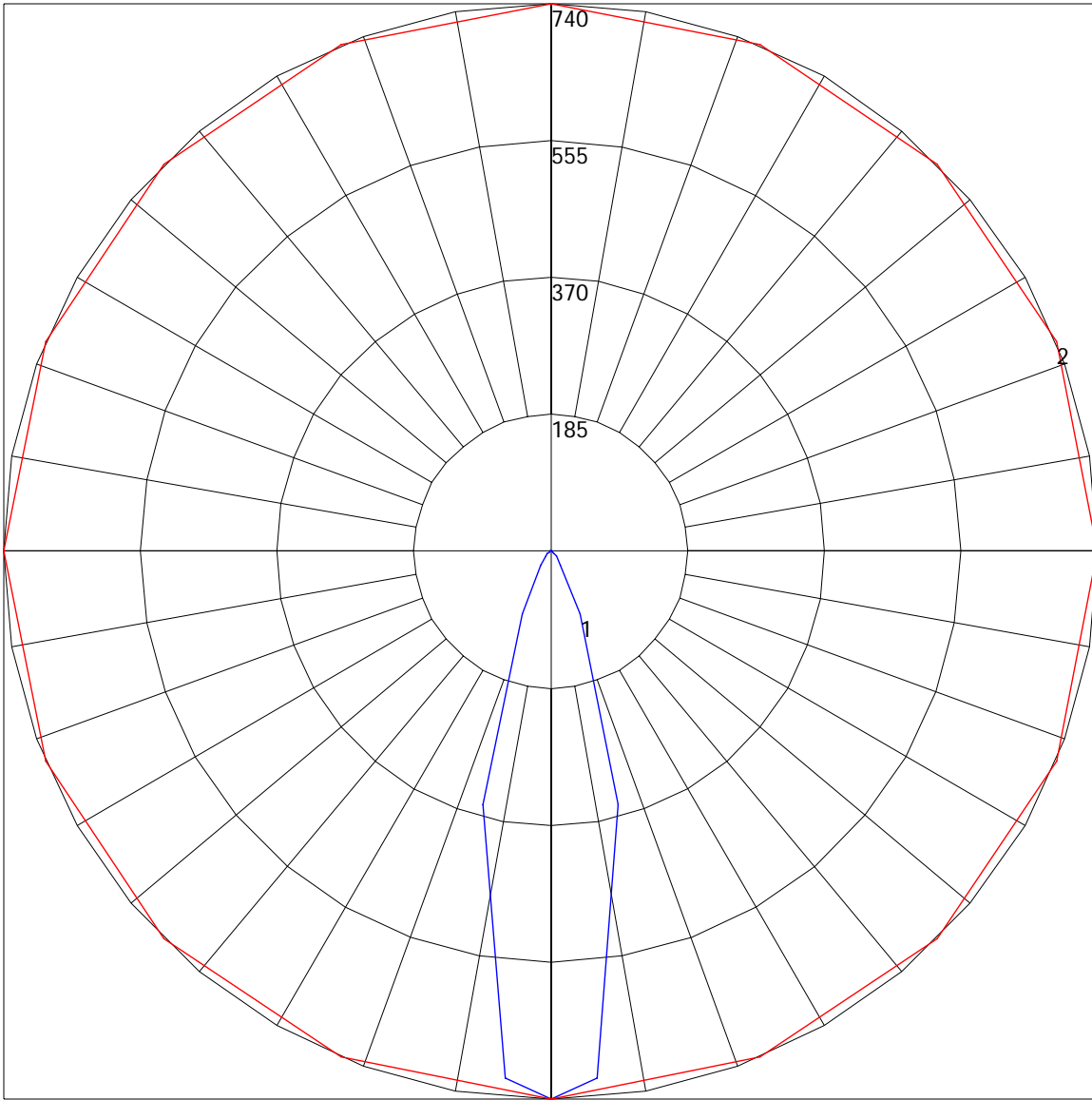
Zone	Lumens	%Lamp	%Fixt
0-30	202.33	N.A.	77.1
0-40	236.18	N.A.	90
0-60	256.13	N.A.	97.6
0-90	262.45	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	262.45	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	17.13
10-20	99.89
20-30	85.31
30-40	33.85
40-50	13.02
50-60	6.92
60-70	3.91
70-80	1.87
80-90	.54
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 = 740 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 : LLI060707C.IES**

DESCRIPTION INFORMATION (From Photometric File)

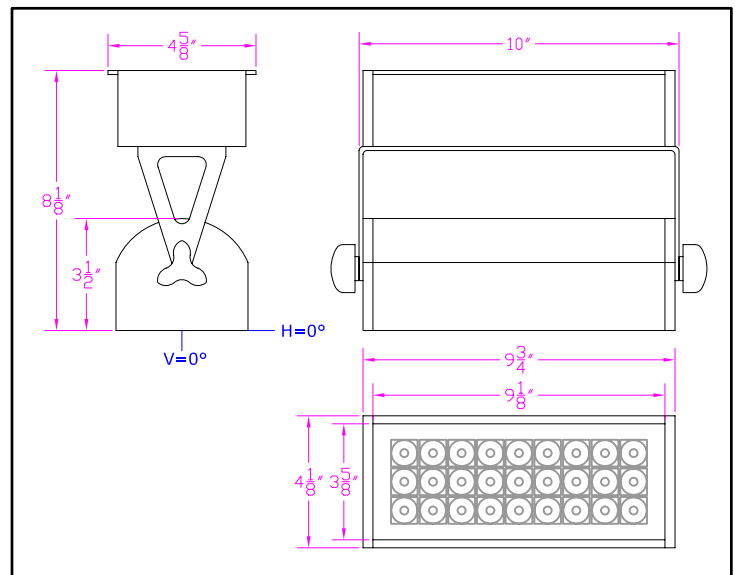
IESNA:LM-63-2002
 [TEST] LLI 0706-07C
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 6/28/2007
 [MANUFAC] J&J ELECTRONIC, INC.
 [LUMCAT] LLS-PP1200-28-BLUE
 [LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 MEDIUM ANGLE WASH LIGHT
 [MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 BLUE LEDS ON
 [MORE] ACRYLIC CLEAR LENS
 [_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
 [LAMPPOSITION] 0,0
 [LAMPCAT] BLUE LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 120VAC, 20.29W

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)	0.54
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	200	200	200
55	82	164	164
65	112	112	112
75	0	0	0
85	0	0	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707C.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	202	202	202	202	202
5	195	192	189	185	184
15	98	102	99	97	100
25	26	29	28	26	30
35	7	8	8	7	8
45	3	3	3	3	3
55	1	1	2	2	2
65	1	1	1	1	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707C.IES

ZONAL LUMEN SUMMARY

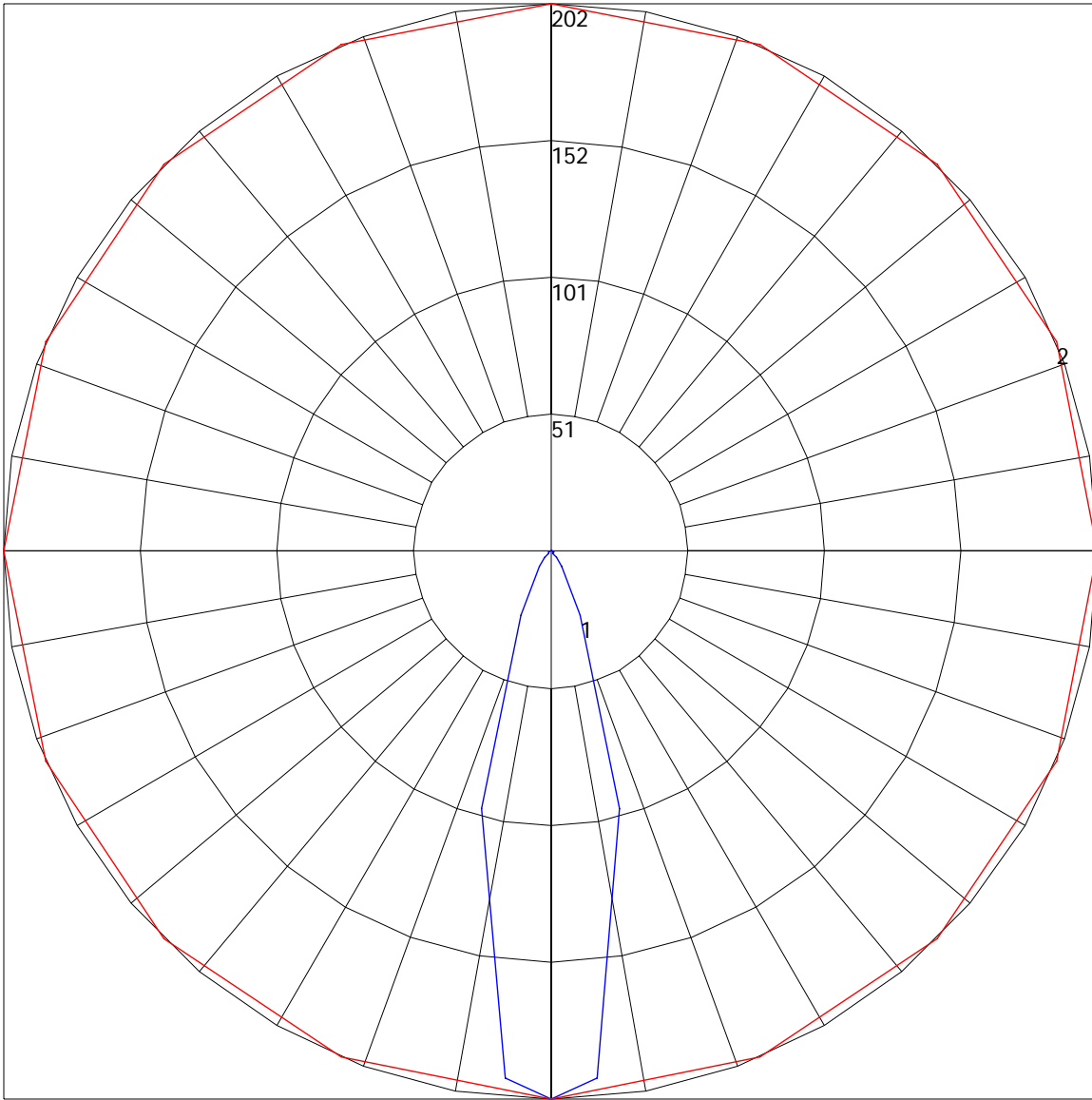
Zone	Lumens	%Lamp	%Fixt
0-30	55.86	N.A.	76.5
0-40	65.54	N.A.	89.8
0-60	71.22	N.A.	97.6
0-90	72.98	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	72.98	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	4.67
10-20	27.4
20-30	23.79
30-40	9.69
40-50	3.74
50-60	1.94
60-70	1.24
70-80	.51
80-90	0
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 = 202 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 : LLI060707D.IES**

DESCRIPTION INFORMATION (From Photometric File)

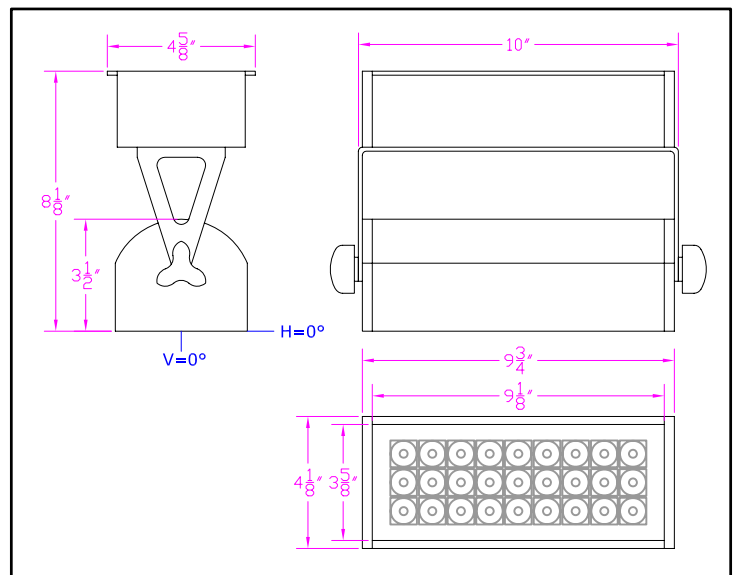
IESNA:LM-63-2002
[TEST] LLI 0706-07D
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 6/28/2007
[MANUFAC] J&J ELECTRONIC, INC.
[LUMCAT] LLS-PP1200-28-WHITE
[LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 MEDIUM ANGLE WASH LIGHT
[MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 WHITE LEDS ON
[MORE] ACRYLIC CLEAR LENS
[_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
[LAMPPOSITION] 0,0
[LAMPCAT] WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 20.26W

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	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	800	934	934
55	493	576	576
65	335	446	446
75	182	182	364
85	541	541	541



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707D.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	1233	1233	1233	1233	1233
5	1223	1207	1172	1143	1132
15	592	623	603	585	613
25	129	151	136	127	152
35	31	36	33	31	36
45	12	14	14	13	14
55	6	7	7	8	7
65	3	3	4	4	4
75	1	1	1	2	2
85	1	1	1	1	1
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707D.IES

ZONAL LUMEN SUMMARY

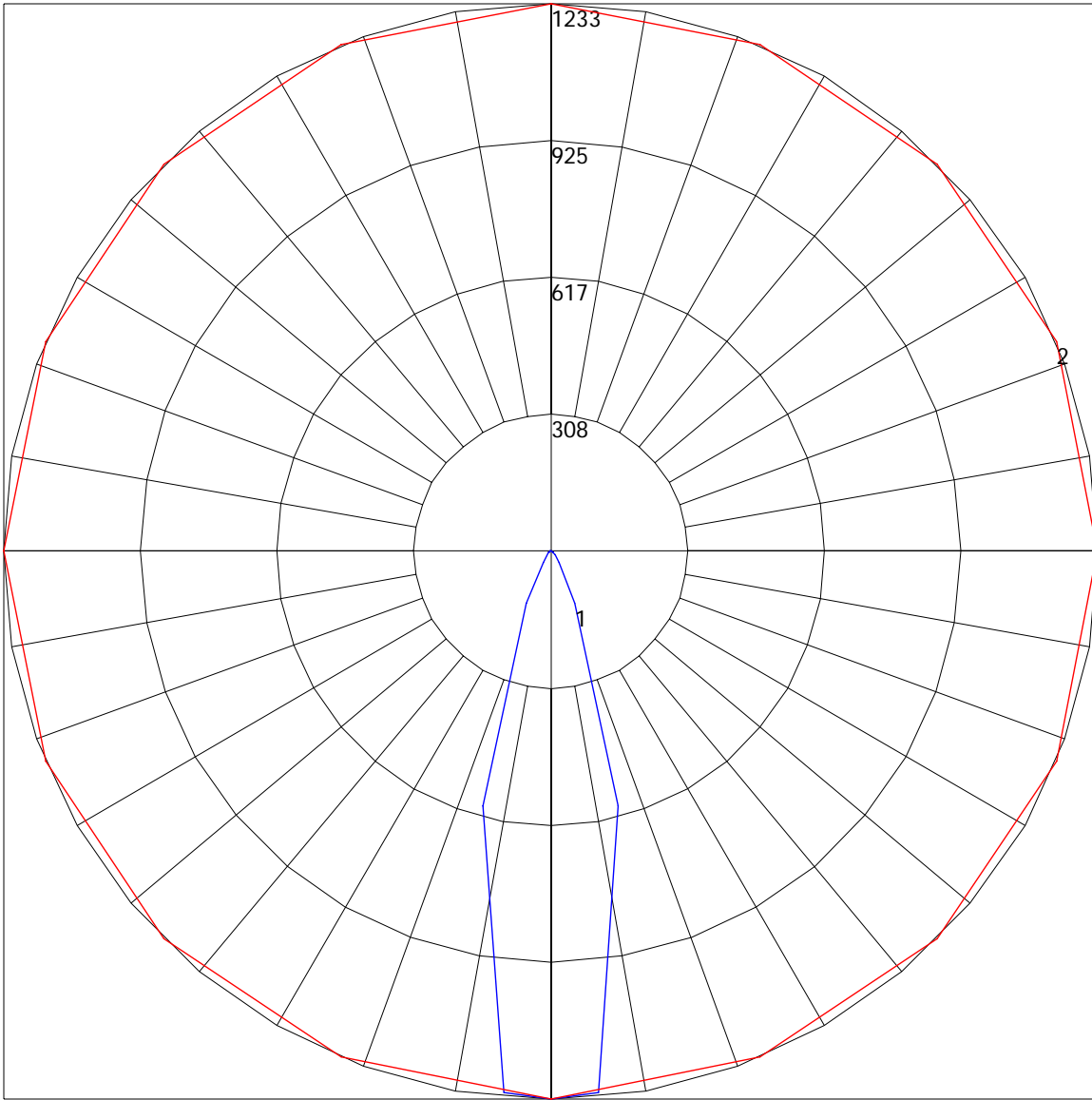
Zone	Lumens	%Lamp	%Fixt
0-30	336.86	N.A.	80.5
0-40	383.95	N.A.	91.8
0-60	409.1	N.A.	97.8
0-90	418.33	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	418.33	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	28.79
10-20	169.1
20-30	138.97
30-40	47.09
40-50	16.5
50-60	8.65
60-70	5.1
70-80	2.57
80-90	1.55
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 = 1233 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 : LLI060707E.IES**

DESCRIPTION INFORMATION (From Photometric File)

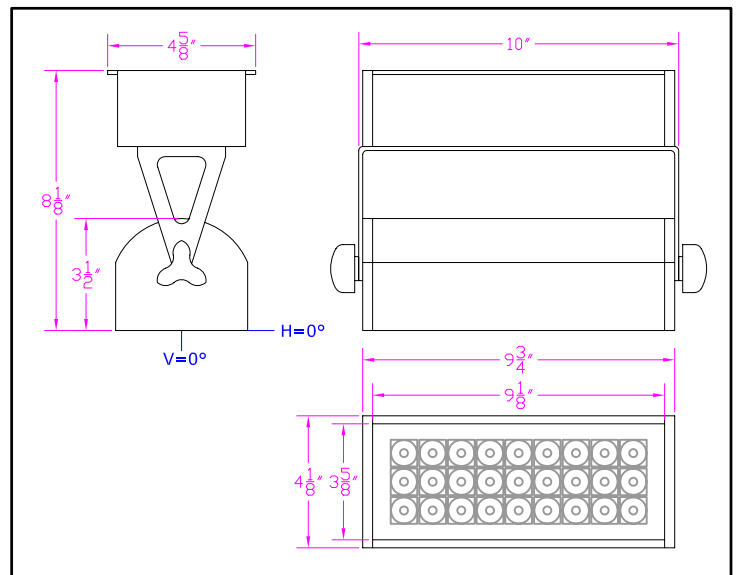
IESNA:LM-63-2002
[TEST] LLI 0706-07E
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 6/27/2007
[MANUFAC] J&J ELECTRONIC, INC.
[LUMCAT] LLS-PP1200-14-RED
[LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 NARROW ANGLE WASH LIGHT
[MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 9 RED LEDS ON
[MORE] ACRYLIC CLEAR LENS
[_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
[LAMPPOSITION] 0,0
[LAMPCAT] RED LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 20.40W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.28
Spacing Criteria (90-270)	0.28
Spacing Criteria (Diagonal)	0.30
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	400	467	400
55	247	329	329
65	223	223	335
75	182	182	182
85	0	0	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707E.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	3136	3136	3136	3136	3136
5	2195	2198	2180	2164	2170
15	177	191	209	196	179
25	38	38	37	36	36
35	16	15	15	14	14
45	6	7	7	7	6
55	3	3	4	4	4
65	2	2	2	3	3
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707E.IES

ZONAL LUMEN SUMMARY

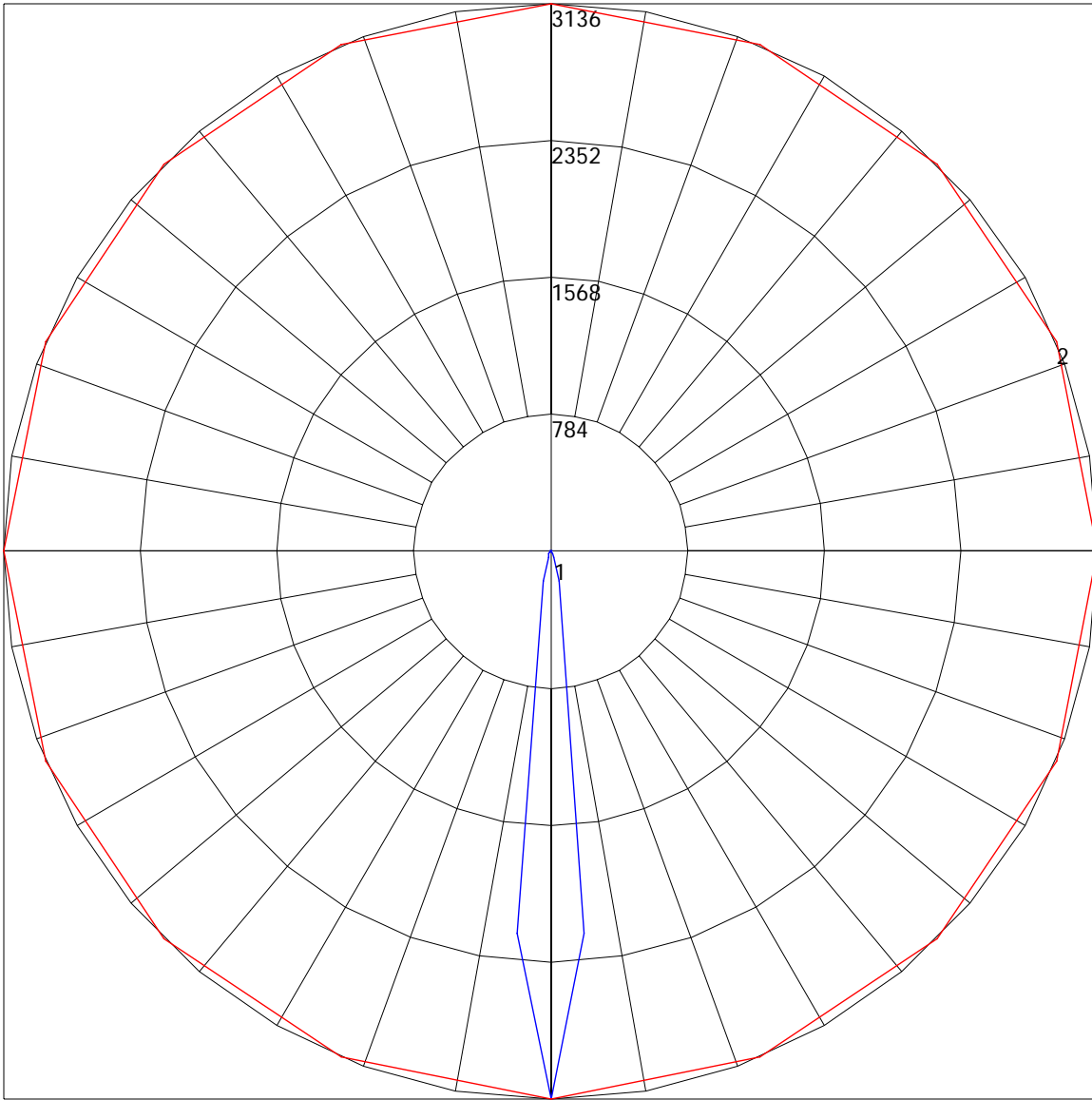
Zone	Lumens	%Lamp	%Fixt
0-30	332.55	N.A.	91.4
0-40	346.71	N.A.	95.3
0-60	358.64	N.A.	98.6
0-90	363.76	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	363.76	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	63.56
10-20	225.81
20-30	43.17
30-40	14.17
40-50	7.57
50-60	4.35
60-70	2.85
70-80	1.74
80-90	.54
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 = 3136 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 : LLI060707F.IES**

DESCRIPTION INFORMATION (From Photometric File)

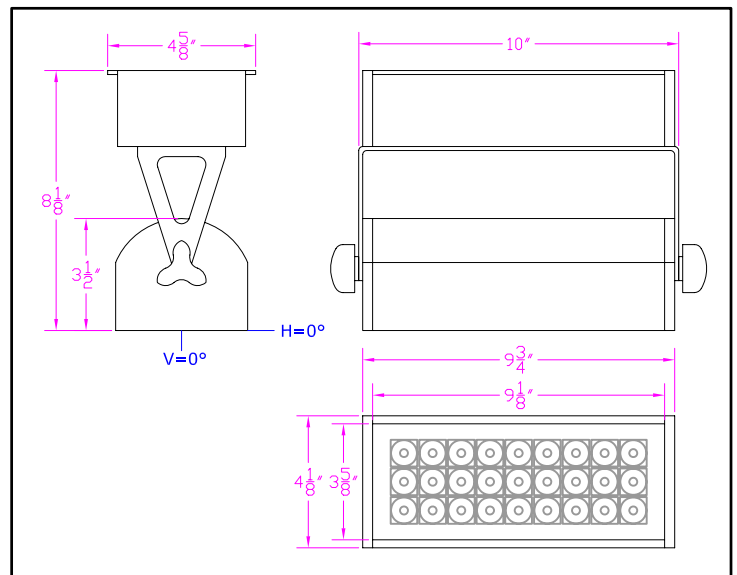
IESNA:LM-63-2002
[TEST] LLI 0706-07F
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 6/27/2007
[MANUFAC] J&J ELECTRONIC, INC.
[LUMCAT] LLS-PP1200-14-GREEN
[LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 NARROW ANGLE WASH LIGHT
[MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 GREEN LEDS ON
[MORE] ACRYLIC CLEAR LENS
[_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
[LAMPPOSITION] 0,0
[LAMPCAT] GREEN LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 20.42W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.28
Spacing Criteria (90-270)	0.28
Spacing Criteria (Diagonal)	0.30
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	467	534	467
55	247	411	329
65	223	223	335
75	182	182	182
85	0	0	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707F.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	2844	2844	2844	2844	2844
5	1964	1970	1951	1937	1942
15	169	177	181	170	161
25	45	45	43	43	43
35	17	17	18	16	16
45	7	7	8	8	7
55	3	4	5	4	4
65	2	2	2	3	3
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707F.IES

ZONAL LUMEN SUMMARY

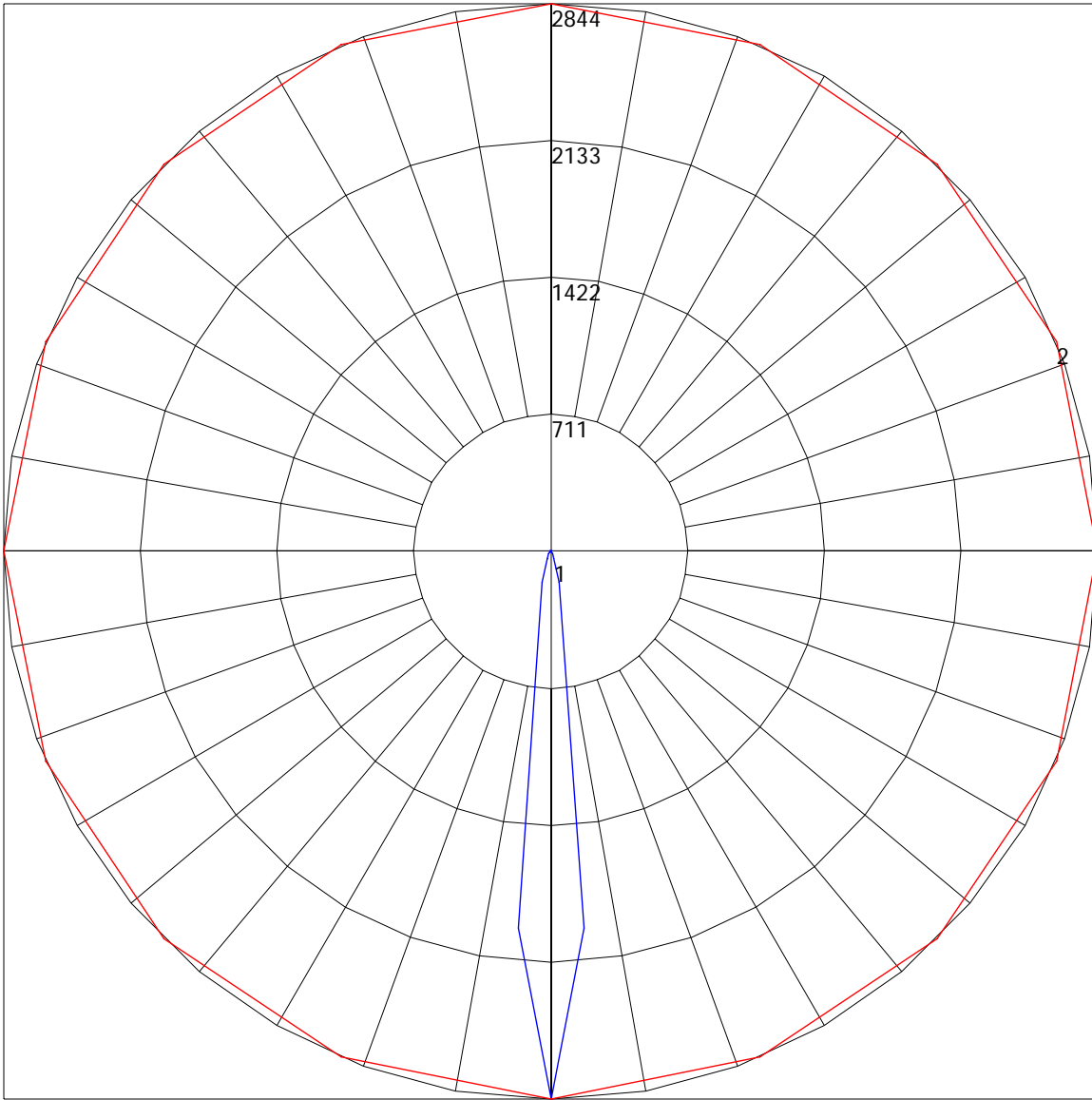
Zone	Lumens	%Lamp	%Fixt
0-30	300.15	N.A.	89.4
0-40	316.75	N.A.	94.4
0-60	330.21	N.A.	98.4
0-90	335.57	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	335.57	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.34
10-20	202.17
20-30	40.64
30-40	16.6
40-50	8.58
50-60	4.88
60-70	3.08
70-80	1.74
80-90	.54
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 = 2844 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 : LLI060707G.IES**

DESCRIPTION INFORMATION (From Photometric File)

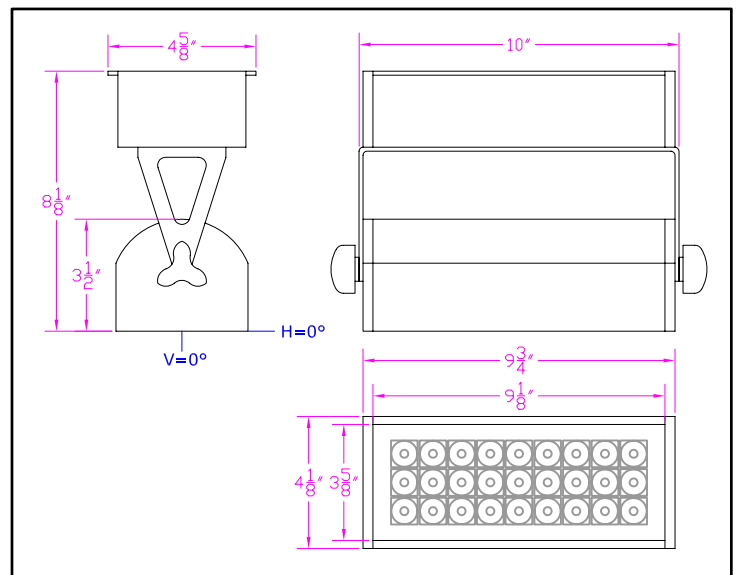
IESNA:LM-63-2002
 [TEST] LLI 0706-07G
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 6/27/2007
 [MANUFAC] J&J ELECTRONIC, INC.
 [LUMCAT] LLS-PP1200-14-BLUE
 [LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 NARROW ANGLE WASH LIGHT
 [MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 BLUE LEDS ON
 [MORE] ACRYLIC CLEAR LENS
 [_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
 [LAMPPOSITION] 0,0
 [LAMPCAT] BLUE LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 120VAC, 20.48W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.28
Spacing Criteria (90-270)	0.26
Spacing Criteria (Diagonal)	0.30
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	133	133	133
55	82	82	82
65	112	112	112
75	0	0	0
85	0	0	0



CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	827	827	827	827	827
5	552	553	549	544	545
15	43	45	46	42	40
25	13	13	13	13	13
35	5	5	5	5	4
45	2	2	2	2	2
55	1	1	1	1	1
65	1	1	1	1	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707G.IES

ZONAL LUMEN SUMMARY

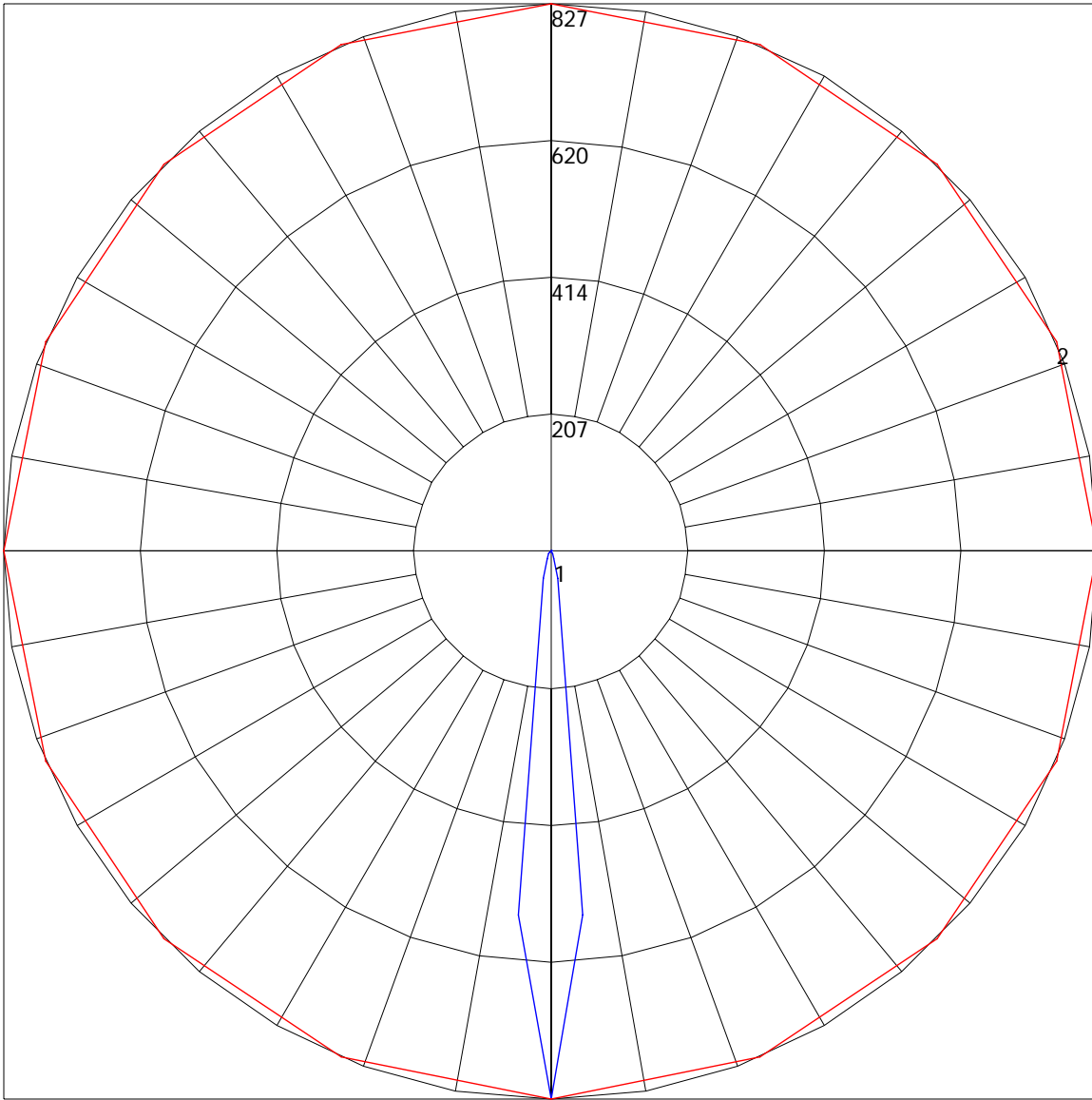
Zone	Lumens	%Lamp	%Fixt
0-30	83.37	N.A.	89.3
0-40	88.26	N.A.	94.5
0-60	91.94	N.A.	98.4
0-90	93.41	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	93.41	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	16.45
10-20	56.32
20-30	10.61
30-40	4.89
40-50	2.42
50-60	1.26
60-70	.95
70-80	.51
80-90	0
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 = 827 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 : LLI060707H.IES**

DESCRIPTION INFORMATION (From Photometric File)

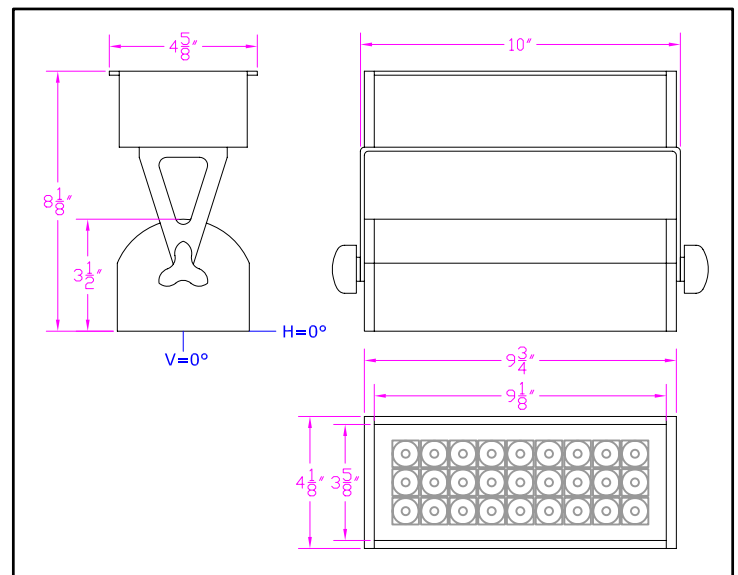
IESNA:LM-63-2002
[TEST] LLI 0706-07H
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 6/27/2007
[MANUFAC] J&J ELECTRONIC, INC.
[LUMCAT] LLS-PP1200-14-WHITE
[LUMINAIRE] 10"L. X 4-5/8"W. X 8-1/8"H. POWERPLUS 1200 NARROW ANGLE WASH LIGHT
[MORE] 9 RED, 6 GREEN, 6 BLUE, 6 WHITE LEDS. ONLY 6 WHITE LEDS ON
[MORE] ACRYLIC CLEAR LENS
[_CONTROLLER] LEVITON N3004-00D 4CH. DMX CONSOLE
[LAMPPOSITION] 0,0
[LAMPCAT] WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 20.41W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.24
Spacing Criteria (90-270)	0.24
Spacing Criteria (Diagonal)	0.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 ft
Luminous Width (90-270)	0.76 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	600	600	534
55	411	411	411
65	223	335	335
75	182	182	182
85	541	541	0



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707H.IES

CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	5903	5903	5903	5903	5903
5	3630	3640	3588	3554	3559
15	180	194	199	175	163
25	61	60	57	55	55
35	22	21	20	19	19
45	9	9	9	9	8
55	5	5	5	5	5
65	2	3	3	3	3
75	1	1	1	1	1
85	1	1	1	0	0
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI060707H.IES

ZONAL LUMEN SUMMARY

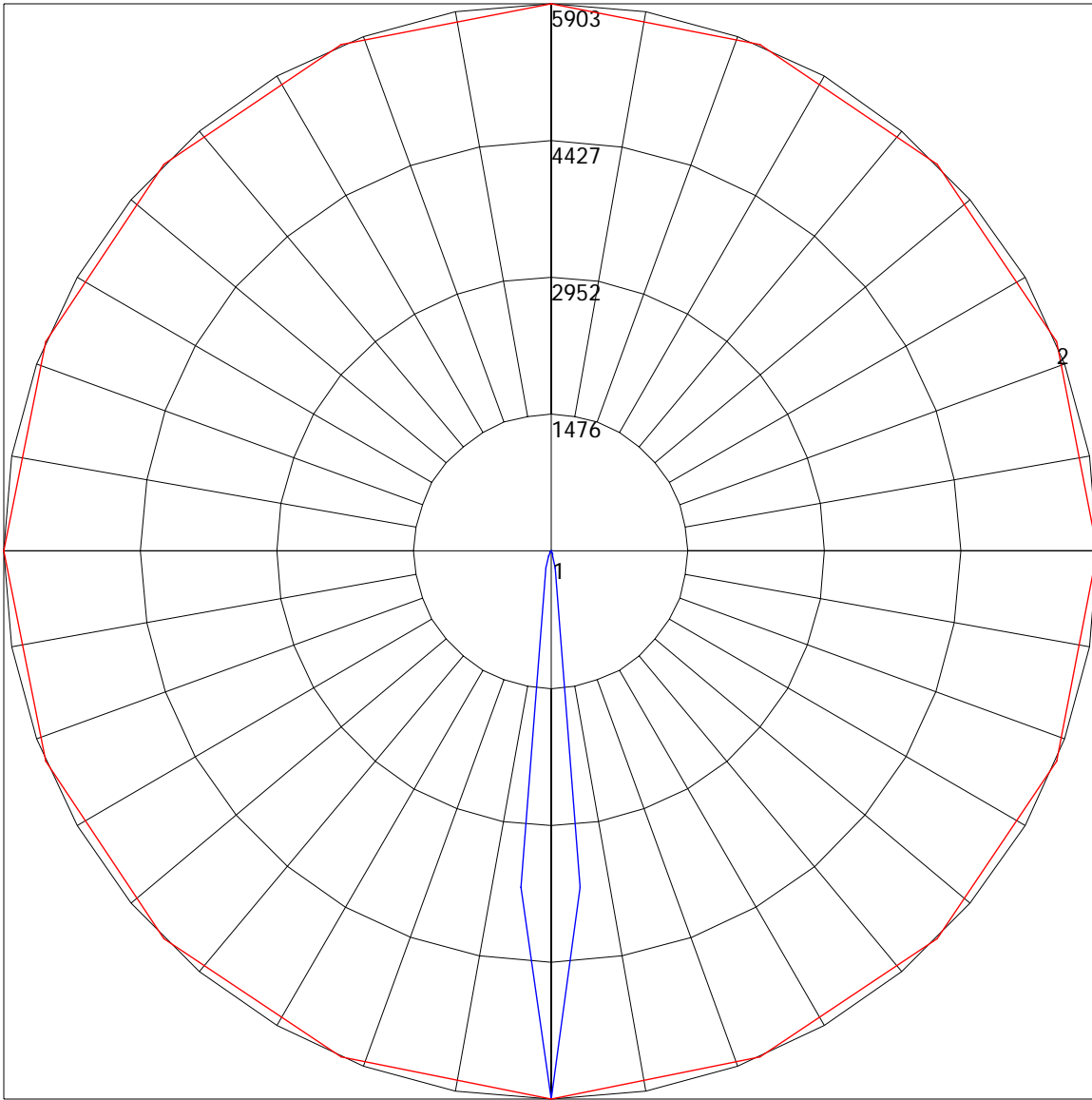
Zone	Lumens	%Lamp	%Fixt
0-30	518.29	N.A.	92.2
0-40	539.54	N.A.	95.9
0-60	555.57	N.A.	98.8
0-90	562.34	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	562.34	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	113.54
10-20	359.35
20-30	45.4
30-40	21.25
40-50	10.21
50-60	5.82
60-70	3.73
70-80	1.99
80-90	1.05
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 = 5903 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.)