Picasso Lighting

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-2-PF-4-D5-I3-30-80-FW-W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 13313159.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 10/29/2023JS
[MANUFAC] Picasso Lighting Industries
[LUMCAT] BLD-2-PF-4-D5-I3-30-80-FW-W
[LUMINAIRE] Formed White aluminum housing, plastic lens enclosures
[LAMP] 96 White LEDs down, 96 White LEDs up
[BALLAST] Two ERP PSB50W-1200-42-S Driver
[OTHER] 24.4 C, 119.989 V, 0.476329 A, 39.04 W, 0.974777 PF, 59.9705
[MORE] Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3500
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	39.04
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.33 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12867	4702	3773
55	11935	3516	2765
65	10678	2430	1888
75	8787	1424	1098
85	5260	522	433

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	704.93	704.93	704.93	704.93	704.93
0.5	704.14	705.63	702.83	704.14	709.46
1.0	704.06	705.54	702.75	704.14	709.29
1.5	703.88	705.45	702.57	703.97	709.03
2.0	703.53	705.19	702.49	703.79	708.59
2.5	703.27	704.84	702.22	703.45	708.16
3.0	702.83	704.40	701.96	703.10	707.46
3.5	702.22	703.97	701.61	702.66	706.76
4.0	701.70	703.45	701.18	702.14	706.06
4.5	701.09	702.92	700.65	701.61	705.36
5.0	700.48	702.31	700.04	700.92	704.67
5.5	699.78	701.61	699.35	700.22	703.88
6.0	699.00	700.83	698.47	699.43	703.10
6.5	698.30	700.04	697.60	698.56	702.14
7.0	697.17	699.17	696.64	697.69	701.18
7.5	696.12	698.12	695.51	696.55	700.22
8.0	695.16	697.08	694.29	695.51	699.00
8.5	694.11	695.94	693.15	694.37	697.78
9.0	692.89	694.64	691.84	693.15	696.38
9.5	691.67	693.33	690.45	691.76	694.90
10.0	690.27	692.02	689.05	690.27	693.24
10.5	688.88	690.54	687.66	688.62	691.58
11.0	687.40	688.88	686.18	686.96	689.58
11.5	685.91	687.40	684.61	685.22	687.75
12.0	684.26	685.74	682.95	683.38	685.74
12.5	682.69	684.08	681.38	681.47	683.73
13.0	680.85	682.34	679.55	679.46	681.64
13.5	679.11	680.59	677.71	677.45	679.46
14.0	677.19	678.76	675.88	675.36	677.37
14.5	675.27	676.84	673.88	673.18	675.10
15.0	673.27	674.84	671.87	671.00	672.92
15.5	671.35	672.83	669.78	668.73	670.74
16.0	669.17	670.74	667.60	666.46	668.47
16.5	667.07	668.64	665.42	664.11	666.20
17.0	664.81	666.46	663.06	661.75	663.85
17.5	662.54	664.11	660.71	659.31	661.40
18.0	660.27	661.75	658.26	656.69	658.87
18.5	657.83	659.31	655.73	654.16	656.35
19.0	655.47	656.78	653.12	651.46	653.73
19.5	652.94	654.16	650.59	648.67	651.20
20.0	650.33	651.46	647.80	645.88	648.41
20.5	647.62	648.76	645.01	643.00	645.70
21.0	645.01	645.97	642.13	640.21	643.00
21.5	642.30	643.09	639.34	637.24	640.12
22.0	639.51	640.21	636.28	634.28	637.16
22.5	636.55	637.16	633.23	631.31	634.10
23.0	633.75	634.19	630.09	628.26	630.79
23.5	630.79	631.14	627.04	625.21	627.56
24.0	627.82	628.00	623.81	621.98	624.42
24.5	624.68	624.86	620.50	618.75	621.19
25.0	621.54	621.72	617.18	615.53	617.88
25.5	618.32	618.49	613.96	612.21	614.65
26.0	615.09	615.00	610.47	608.90	611.16
26.5	611.77	611.69	607.06	605.49	607.76

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CANDELA TABULATION - (Cont.)

27.0	608.37	608.20	603.58	601.83	604.19
27.5	604.97	604.71	600.09	598.34	600.70
28.0	601.48	601.05	596.60	594.68	597.21
28.5	597.82	597.38	593.02	591.10	593.46
29.0	594.16	593.72	589.36	587.35	589.80
29.5	590.67	589.97	585.70	583.60	586.13
30.0	586.92	586.22	582.03	579.85	582.47
30.5	583.34	582.29	578.37	576.01	578.72
31.0	579.68	578.37	574.62	572.26	574.71
31.5	575.93	574.44	570.78	568.43	570.78
32.0	572.26	570.52	567.03	564.41	566.86
32.5	568.34	566.51	563.11	560.49	563.11
33.0	564.50	562.41	559.18	556.48	559.18
33.5	560.58	558.40	555.26	552.64	555.17
34.0	556.56	554.21	551.33	548.63	551.07
34.5	552.55	550.02	547.23	544.61	546.97
35.0	548.45	545.92	543.13	540.43	543.04
35.5	544.35	541.74	539.21	536.24	539.12
36.0	540.17	537.46	535.11	532.05	535.02
36.5	535.98	533.19	530.92	527.87	530.92
37.0	531.62	529.00	526.73	523.59	526.73
37.5	527.26	524.64	522.46	519.32	522.46
38.0	522.90	520.28	518.19	515.13	518.36
38.5	518.53	515.83	513.91	510.95	514.00
39.0	514.00	511.38	509.55	506.67	509.38
39.5	509.64	506.76	505.19	502.31	504.93
40.0	505.02	502.31	501.00	497.86	500.57
40.5	500.48	497.69	496.55	493.50	495.94
41.0	495.77	493.07	492.11	488.97	491.58
41.5	491.15	488.53	487.57	484.52	486.96
42.0	486.61	483.73	483.04	479.98	482.51
42.5	481.99	479.11	478.41	475.45	477.89
43.0	477.28	474.40	473.88	470.82	473.27
43.5	472.48	469.69	469.17	466.20	468.64
44.0	467.86	464.89	464.54	461.49	464.11
44.5	463.06	460.10	459.75	456.78	459.40
45.0	458.26	455.30	454.86	452.16	454.51
45.5	453.38	450.50	450.07	447.45	449.72
46.0	448.50	445.70	445.09	442.56	444.92
46.5	443.61	440.73	440.30	437.77	439.95
47.0	438.64	435.76	435.41	432.88	434.98
47.5	433.58	430.88	430.44	428.00	430.09
48.0	428.61	425.99	425.47	423.20	424.86
48.5	423.46	420.93	420.58	418.40	419.89
49.0	418.40	415.96	415.53	413.52	414.74
49.5	413.34	410.90	410.55	408.55	409.86
50.0	408.29	405.67	405.49	403.58	404.88
50.5	403.05	400.61	400.52	398.60	400.00
51.0	397.82	395.55	395.46	393.55	395.03
51.5	392.67	390.41	390.41	388.57	390.06
52.0	387.44	385.35	385.35	383.52	385.00
52.5	382.29	380.11	380.20	378.37	379.94
53.0	377.15	374.97	374.97	373.31	374.79
53.5	371.91	369.91	369.73	368.08	369.65
54.0	366.59	364.68	364.50	362.93	364.68
54.5	361.45	359.53	359.18	357.78	359.53

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CANDELA TABULATION - (Cont.)

55.0	356.13	354.30	353.86	352.64	354.30
55.5	350.72	349.06	348.63	347.49	348.98
56.0	345.31	343.83	343.31	342.26	343.65
56.5	339.73	338.60	337.90	337.11	338.25
57.0	334.23	333.28	332.49	331.88	333.01
57.5	328.74	327.95	327.08	326.73	327.61
58.0	323.24	322.46	321.76	321.50	322.37
58.5	317.84	316.96	316.44	316.27	317.14
59.0	312.34	311.47	311.03	311.12	311.82
59.5	306.93	306.15	305.63	305.89	306.41
60.0	301.44	300.74	300.22	300.57	301.18
60.5	296.12	295.16	294.81	295.33	295.94
61.0	290.80	289.75	289.40	290.01	290.71
61.5	285.39	284.26	284.17	284.78	285.48
62.0	279.90	278.85	278.76	279.46	280.16
62.5	274.49	273.44	273.44	274.14	275.01
63.0	269.08	268.03	268.12	268.82	269.86
63.5	263.58	262.63	262.80	263.58	264.72
64.0	258.26	257.22	257.48	258.26	259.49
64.5	252.77	251.90	252.07	253.03	254.25
65.0	247.27	246.49	246.66	247.71	249.02
65.5	241.78	241.08	241.34	242.48	243.79
66.0	236.28	235.67	235.94	237.24	238.55
66.5	230.70	230.27	230.61	232.01	233.23
67.0	225.12	224.77	225.38	226.78	227.91
67.5	219.62	219.28	220.06	221.46	222.59
68.0	213.87	213.87	214.65	216.22	217.27
68.5	208.37	208.29	209.25	210.99	211.95
69.0	202.70	202.88	203.92	205.67	206.54
69.5	197.03	197.30	198.60	200.44	201.05
70.0	191.45	191.89	193.20	195.03	195.29
70.5	185.96	186.66	188.14	189.80	189.71
71.0	180.29	181.16	182.90	184.82	184.74
71.5	174.79	175.93	177.85	179.42	179.50
72.0	170.00	170.52	172.61	174.10	174.36
72.5	164.50	165.02	167.38	168.86	169.21
73.0	159.18	159.70	162.15	163.63	164.15
73.5	153.77	154.38	157.00	158.40	159.27
74.0	148.98	149.06	151.68	153.16	154.38
74.5	143.83	144.27	146.45	148.19	149.50
75.0	138.60	139.12	141.39	143.31	144.61
75.5	133.54	134.23	136.33	138.42	139.82
76.0	128.39	129.18	131.53	133.97	135.54
76.5	123.33	124.12	126.56	129.35	130.75
77.0	118.27	119.06	121.59	124.55	125.77
77.5	113.30	114.00	116.79	119.84	120.80
78.0	108.24	109.03	112.08	114.96	115.83
78.5	103.18	104.06	107.37	110.16	110.95
79.0	98.30	99.17	102.66	105.28	105.97
79.5	93.33	94.29	97.86	100.48	101.18
80.0	88.44	89.32	93.07	95.77	96.38
80.5	83.65	84.34	88.36	91.15	91.84
81.0	78.85	79.46	83.56	86.61	87.31
81.5	74.05	74.66	78.94	82.16	82.95
82.0	69.43	69.95	74.23	77.80	78.76
82.5	64.72	65.33	69.60	73.53	74.57

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CANDELA TABULATION - (Cont.)

83.0	60.10	60.88	65.24	69.43	70.48
83.5	55.56	56.52	60.88	65.42	66.46
84.0	50.94	51.98	56.87	61.49	62.54
84.5	46.49	47.54	52.94	57.65	58.79
85.0	41.60	43.26	49.11	53.99	55.12
85.5	37.16	38.99	45.44	50.50	51.64
86.0	32.71	34.89	41.87	47.10	48.41
86.5	28.61	30.96	38.55	44.13	45.53
87.0	24.60	27.13	34.80	40.56	41.87
87.5	20.24	23.55	31.57	36.46	36.98
88.0	15.79	20.76	29.04	34.80	35.50
88.5	11.51	18.67	28.52	34.63	35.24
89.0	8.55	17.79	29.13	35.50	35.85
89.5	6.37	17.44	30.35	36.63	36.81
90.0	4.54	17.62	31.84	38.12	38.20
90.5	1.18	1.47	1.47	1.77	1.87
91.0	2.65	1.38	1.47	1.96	1.96
91.5	3.93	1.47	1.47	1.96	1.96
92.0	5.30	1.87	1.47	1.77	1.96
92.5	6.78	2.26	1.57	2.06	1.96
93.0	8.25	2.85	1.96	2.06	1.96
93.5	9.92	3.34	2.16	2.26	2.16
94.0	11.69	4.03	2.55	2.46	2.36
94.5	13.36	4.72	2.75	2.65	2.55
95.0	15.42	5.50	3.05	2.95	2.85
95.5	17.68	6.29	3.44	3.14	3.05
96.0	19.94	6.88	3.93	3.44	3.34
96.5	22.50	7.47	4.32	3.73	3.63
97.0	24.85	8.06	5.01	3.93	3.93
97.5	27.41	8.55	5.60	4.22	4.22
98.0	30.06	9.23	6.09	4.62	4.62
98.5	33.01	10.22	6.68	5.11	5.01
99.0	35.85	11.69	7.07	5.70	5.60
99.5	38.70	13.36	7.66	6.39	6.19
100.0	41.55	15.91	8.15	6.97	6.68
100.5	44.60	18.96	8.55	7.76	7.37
101.0	47.45	22.59	8.94	8.45	8.06
101.5	50.59	27.41	9.33	9.04	8.64
102.0	53.83	33.20	9.53	9.63	9.33
102.5	56.78	39.49	9.72	10.22	9.82
103.0	59.92	46.56	10.02	10.71	10.31
103.5	62.97	53.83	10.41	11.20	10.81
104.0	65.91	61.79	11.00	11.59	11.20
104.5	68.96	70.43	11.79	11.89	11.49
105.0	72.00	80.45	13.06	12.08	11.79
105.5	75.05	93.12	14.54	12.28	11.98
106.0	78.19	105.21	16.31	12.57	12.18
106.5	81.34	114.24	18.76	12.77	12.18
107.0	84.28	121.12	21.51	12.97	12.38
107.5	87.33	127.80	24.95	13.26	12.48
108.0	90.28	133.99	28.78	13.65	12.67
108.5	93.32	139.39	33.20	14.24	12.87
109.0	96.27	144.50	38.90	15.13	13.16
109.5	99.21	149.12	45.97	16.01	13.65
110.0	102.36	153.63	55.01	17.19	14.34
110.5	105.30	157.86	65.32	18.66	15.13

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CANDELA TABULATION - (Cont.)

111.0	108.35	161.89	76.92	20.53	16.21
111.5	111.30	165.72	89.10	22.79	17.19
112.0	114.24	169.45	102.36	25.44	18.57
112.5	117.29	173.18	116.11	28.49	20.14
113.0	120.04	176.72	130.35	32.02	22.30
113.5	122.99	180.45	146.76	36.15	24.46
114.0	125.93	183.89	164.24	41.16	27.21
114.5	128.68	187.43	183.89	47.74	30.45
115.0	131.43	190.77	203.34	55.89	33.99
115.5	134.28	194.20	223.87	66.60	38.21
116.0	137.13	197.35	244.50	78.19	43.61
116.5	139.98	200.49	266.90	91.45	50.49
117.0	142.83	203.54	290.37	105.89	59.14
117.5	145.58	206.58	312.67	121.22	69.55
118.0	148.33	209.43	332.51	138.02	81.63
118.5	151.18	212.38	347.84	155.60	94.79
119.0	154.03	215.32	361.39	174.75	109.63
119.5	156.78	218.07	373.38	195.48	125.15
120.0	159.53	220.92	384.87	219.06	142.24
120.5	162.28	223.67	395.19	244.01	160.12
121.0	165.03	226.52	404.03	271.02	179.76
121.5	167.78	229.17	411.20	298.43	201.28
122.0	170.53	231.73	417.49	326.92	224.56
122.5	173.18	234.48	422.99	356.78	250.79
123.0	175.93	236.94	427.80	386.94	278.78
123.5	178.78	239.49	432.12	419.74	307.96
124.0	181.34	241.85	435.76	451.77	338.11
124.5	184.09	244.40	439.39	480.55	369.35
125.0	186.64	246.86	442.34	504.81	401.57
125.5	189.29	249.21	445.38	525.44	436.84
126.0	191.85	251.47	447.94	543.32	471.22
126.5	194.40	253.83	450.39	559.33	502.65
127.0	197.05	256.29	452.75	575.05	531.43
127.5	199.71	258.55	455.01	588.70	554.91
128.0	202.36	260.90	457.37	599.90	576.03
128.5	204.72	263.26	459.23	608.74	594.89
129.0	207.27	265.52	461.10	616.40	612.38
129.5	209.72	267.68	462.77	622.59	628.29
130.0	212.28	269.84	464.44	627.80	641.75
130.5	214.64	272.00	466.01	631.83	652.46
131.0	217.09	274.17	467.49	635.36	660.90
131.5	219.65	276.33	468.86	638.21	668.07
132.0	221.91	278.29	470.14	640.57	674.07
132.5	224.36	280.45	471.02	642.63	678.98
133.0	226.72	282.51	472.00	644.30	682.91
133.5	229.17	284.48	472.89	645.48	686.25
134.0	231.53	286.44	473.38	646.46	689.00
134.5	233.89	288.41	473.97	647.25	691.45
135.0	236.15	290.37	474.36	647.84	693.32
135.5	238.51	292.24	474.36	648.33	694.70
136.0	240.86	294.20	474.56	648.53	695.87
136.5	243.12	295.97	474.66	648.43	696.66
137.0	245.38	297.74	474.36	647.84	697.05
137.5	247.64	299.51	474.07	647.05	697.45
138.0	249.90	301.38	473.67	645.97	697.35
138.5	252.06	303.05	472.99	644.79	696.76

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CANDELA TABULATION - (Cont.)

139.0	254.32	304.81	472.20	643.32	695.87
139.5	256.39	306.39	471.51	641.85	694.70
140.0	258.55	308.06	470.63	640.08	693.12
140.5	260.71	309.63	469.35	638.11	691.16
141.0	262.77	311.20	468.17	635.76	689.00
141.5	264.93	312.77	466.99	633.01	686.44
142.0	266.99	314.24	465.72	629.96	683.99
142.5	269.25	315.82	464.34	626.52	680.94
143.0	271.12	317.29	462.97	623.08	677.70
143.5	273.28	318.66	461.49	619.25	674.07
144.0	275.44	320.04	459.92	615.42	670.14
144.5	277.31	321.41	458.45	611.39	665.82
145.0	279.27	322.79	456.78	606.97	661.20
145.5	281.24	324.07	455.21	602.55	656.29
146.0	283.10	325.44	453.34	597.84	651.18
146.5	285.07	326.72	451.57	593.22	645.97
147.0	287.03	327.80	449.80	588.21	640.47
147.5	289.10	328.98	448.04	583.20	634.77
148.0	290.86	329.96	446.17	578.00	628.68
148.5	292.63	331.04	444.30	572.89	622.79
149.0	294.50	332.02	442.34	567.78	616.70
149.5	296.27	333.01	440.47	562.48	610.41
150.0	297.84	333.89	438.51	557.17	604.03
150.5	299.61	334.68	436.44	551.87	597.54
151.0	301.18	335.46	434.38	546.56	591.06
151.5	302.85	336.25	432.22	541.16	584.48
152.0	304.32	337.03	430.26	535.85	578.00
152.5	305.89	337.82	428.09	530.35	571.41
153.0	307.47	338.41	426.03	525.05	564.93
153.5	308.84	339.10	423.97	519.84	558.45
154.0	310.41	339.59	421.81	514.44	551.77
154.5	311.69	340.08	419.65	509.14	545.28
155.0	313.06	340.67	417.49	503.93	538.61
155.5	314.54	341.16	415.32	498.62	532.12
156.0	315.91	341.75	413.26	493.32	525.54
156.5	317.19	342.24	411.10	488.21	519.16
157.0	318.47	342.63	408.94	482.91	512.77
157.5	319.74	343.03	406.68	477.90	506.39
158.0	320.83	343.32	404.72	472.89	500.20
158.5	322.10	343.61	402.55	467.78	494.11
159.0	323.28	343.81	400.39	462.87	487.92
159.5	324.36	344.01	398.23	457.96	481.93
160.0	325.44	344.30	396.17	453.24	475.93
160.5	326.52	344.50	394.01	448.43	469.94
161.0	327.50	344.70	391.94	443.81	464.24
161.5	328.49	344.99	389.88	439.19	458.45
162.0	329.47	345.09	387.92	434.77	452.85
162.5	330.45	345.28	385.85	430.35	447.45
163.0	331.34	345.38	383.89	425.93	441.94
163.5	332.22	345.48	382.12	421.81	436.74
164.0	333.10	345.48	380.26	417.58	431.53
164.5	333.89	345.58	378.39	413.56	426.62
165.0	334.68	345.68	376.62	409.53	421.71
165.5	335.56	345.68	374.85	405.80	416.99
166.0	336.35	345.68	373.08	401.96	412.48
166.5	337.03	345.78	371.51	398.43	407.96

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CANDELA TABULATION - (Cont.)

167.0	337.72	345.78	369.84	394.99	403.83
167.5	338.31	345.68	368.27	391.55	399.61
168.0	339.00	345.68	366.70	388.31	395.68
168.5	339.59	345.58	365.13	385.17	391.75
169.0	340.28	345.68	363.65	382.22	388.21
169.5	340.86	345.68	362.18	379.17	384.48
170.0	341.36	345.68	360.90	376.42	381.24
170.5	342.04	345.68	359.53	373.67	378.00
171.0	342.53	345.68	358.25	371.12	374.85
171.5	342.93	345.68	357.07	368.66	372.00
172.0	343.52	345.68	355.89	366.31	368.96
172.5	343.91	345.68	354.81	364.24	366.60
173.0	344.30	345.68	353.63	362.28	364.05
173.5	344.60	345.68	352.75	360.31	361.79
174.0	344.99	345.68	351.77	358.64	359.53
174.5	345.38	345.68	350.98	357.17	357.56
175.0	345.58	345.58	350.10	355.70	355.70
175.5	345.87	345.58	349.61	354.42	354.22
176.0	346.07	345.48	349.02	353.34	352.65
176.5	346.37	345.58	348.43	352.26	351.47
177.0	346.46	345.48	348.13	351.38	350.39
177.5	346.66	345.48	347.64	350.49	349.41
178.0	346.76	345.48	347.35	349.61	348.72
178.5	346.86	345.48	347.05	348.82	348.23
179.0	346.95	345.38	346.76	348.23	347.84
179.5	346.95	345.38	346.46	347.84	347.54
180.0	346.66	346.66	346.66	346.66	346.66

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	256.39	N.A.	7.30
0-30	541.34	N.A.	15.50
0-40	881.54	N.A.	25.20
0-60	1548.51	N.A.	44.20
0-80	1943.02	N.A.	55.50
0-90	1999.19	N.A.	57.10
10-90	1932.56	N.A.	55.20
20-40	625.15	N.A.	17.90
20-50	975.79	N.A.	27.90
40-70	911.62	N.A.	26.00
60-80	394.51	N.A.	11.30
70-80	149.86	N.A.	4.30
80-90	56.17	N.A.	1.60
90-110	48.00	N.A.	1.40
90-120	188.50	N.A.	5.40
90-130	511.17	N.A.	14.60
90-150	1163.17	N.A.	33.20
90-180	1500.76	N.A.	42.90
110-180	1452.76	N.A.	41.50
0-180	3499.95	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	66.62
10-20	189.77
20-30	284.95
30-40	340.20
40-50	350.64
50-60	316.33
60-70	244.65
70-80	149.86
80-90	56.17
90-100	7.07
100-110	40.93
110-120	140.49
120-130	322.67
130-140	361.03
140-150	290.97
150-160	195.98
160-170	107.81
170-180	33.80

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	63	63	63	57
1	99	94	90	87	92	88	84	81	76	73	71	65	63	61	55	53	52	47
2	90	82	76	70	83	77	71	66	66	62	58	57	54	51	48	46	44	39
3	82	72	64	58	76	67	61	55	58	53	49	50	46	43	42	39	37	33
4	75	64	55	49	69	60	52	47	52	46	41	44	40	36	38	34	32	28
5	69	57	48	42	64	53	46	40	46	40	36	40	35	31	34	30	27	24
6	63	51	42	37	59	48	40	35	42	36	31	36	31	28	31	27	24	21
7	58	46	38	32	54	43	36	30	38	32	27	33	28	24	28	24	21	19
8	54	42	34	28	50	39	32	27	34	28	24	30	25	22	26	22	19	17
9	51	38	30	25	47	36	29	24	31	26	22	27	23	19	24	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	22	18	16	14

IES INDOOR REPORT
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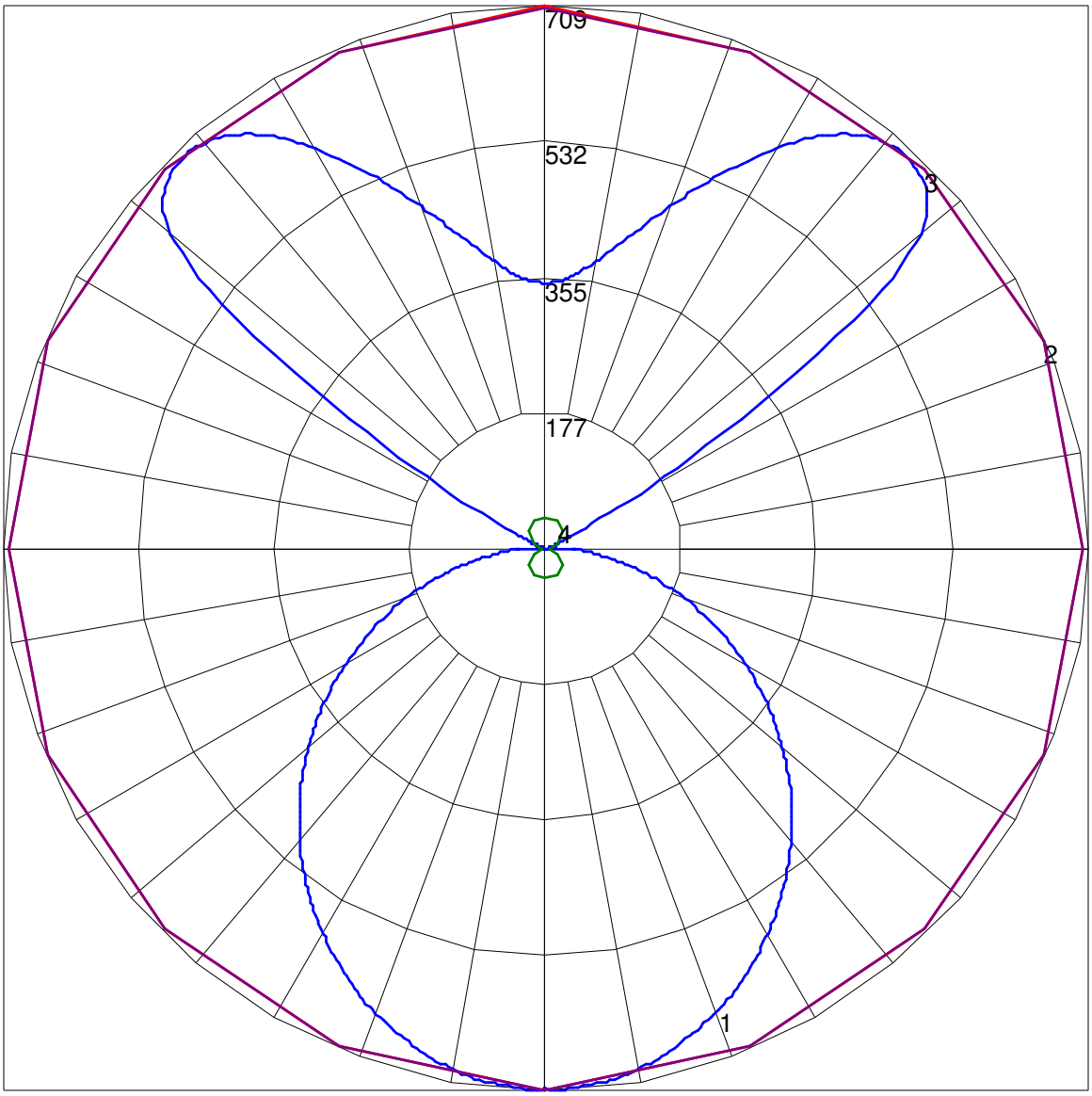
POLAR GRAPH



Maximum Candela = 709.46 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)
3 - Horizontal Cone Through Vertical Angle (2)
4 - Horizontal Cone Through Vertical Angle (90)

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