



Picasso Lighting

IES INDOOR REPORT

PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLIA002143-002
[TESTLAB] LightLab International Allentown, LLC
[ISSUE DATE] 6/22/2023
[MANUFAC] Picasso Lighting Industries, LLC
[LUMCAT] EZ-RAI-R-2x2-DR3-40-80-OW-XX(GRID)-XX-W
[LUMINAIRE] Recessed mounted, formed aluminum housing with white painted
[MORE] steel reflectors, center LED mounting plate with frosted plastic enclosure
[MORE] above LEDs.
[LAMP] 96 white LEDs, 48 LEDs on 2 LED boards
[BALLAST] One Advance XI054C150V054BST1 LED driver
[OTHER] 120.0Vac, 60.00Hz, 40.95W, 0.983PF, 10.6%THD(i)
[OTHER] This file was modified from EZ-RAI-R-2x2-DR2-30-80-OW-XX(GRID)-XX-W.
[MORE] Lamp lumens value was set to -1

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3400
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	40.95
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.90 ft
Luminous Width (90-270)	1.90 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2940	3228	3599
55	2901	3513	3968
65	2827	3806	4197
75	2675	3602	3176
85	2386	3788	4899

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1001.90	1001.90	1001.90	1001.90	1001.90
0.5	1001.35	1001.77	1001.63	1001.63	1001.22
1.0	1001.08	1001.35	1000.81	1000.40	999.85
1.5	1000.81	1000.94	999.71	998.89	998.20
2.0	1000.40	1000.12	998.34	997.24	996.56
2.5	1000.12	999.16	997.10	995.73	995.05
3.0	999.57	998.20	995.60	994.23	993.40
3.5	998.89	997.10	994.23	992.58	991.76
4.0	998.34	996.01	992.85	991.07	990.11
4.5	997.52	994.64	991.35	989.29	988.60
5.0	996.69	993.40	989.70	987.92	986.96
5.5	995.73	992.03	988.19	986.41	985.59
6.0	994.91	990.52	986.55	984.77	983.81
6.5	993.81	989.02	984.90	982.98	982.16
7.0	992.72	987.37	983.26	981.48	980.65
7.5	991.48	985.73	981.61	979.83	979.15
8.0	990.25	983.94	979.83	978.19	977.50
8.5	988.60	982.30	977.91	976.40	975.85
9.0	987.37	980.52	976.27	974.90	974.35
9.5	985.86	978.73	974.35	973.11	972.70
10.0	984.08	976.68	972.56	971.60	971.19
10.5	982.57	974.76	970.51	969.82	969.82
11.0	980.79	972.56	968.59	968.18	968.18
11.5	979.01	970.37	966.53	966.40	966.67
12.0	977.09	968.18	964.48	964.61	965.02
12.5	975.17	965.85	962.42	963.10	963.38
13.0	972.98	963.65	960.36	961.19	961.87
13.5	970.92	961.32	958.17	959.54	960.36
14.0	968.86	958.72	956.11	957.76	958.99
14.5	966.40	956.25	953.78	956.11	957.48
15.0	964.06	953.65	951.73	954.33	955.98
15.5	961.60	951.04	949.40	952.55	954.47
16.0	959.13	948.30	947.20	950.77	952.96
16.5	956.52	945.56	944.73	948.98	951.45
17.0	953.92	942.81	942.40	947.20	950.08
17.5	951.18	939.94	940.07	945.42	948.44
18.0	948.44	936.92	937.60	943.50	946.93
18.5	945.42	933.90	935.14	941.85	945.42
19.0	942.68	931.02	932.67	939.94	944.05
19.5	939.80	927.87	930.20	938.29	942.54
20.0	936.37	924.58	927.60	936.51	941.03
20.5	933.35	921.29	924.99	934.45	939.52
21.0	930.06	918.14	922.39	932.67	938.02
21.5	926.77	914.71	919.78	930.75	936.65
22.0	923.35	911.28	917.18	928.83	935.00
22.5	919.92	907.85	914.30	927.05	933.63
23.0	916.35	904.43	911.69	925.27	932.26
23.5	912.93	900.86	908.95	923.35	930.61
24.0	909.23	897.30	906.07	921.43	929.24
24.5	905.39	893.60	903.19	919.65	927.87
25.0	901.69	889.90	900.45	917.59	926.36
25.5	897.71	885.78	897.57	915.53	924.72
26.0	894.01	882.22	894.69	913.75	923.35
26.5	889.76	878.24	891.68	911.83	921.84

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

27.0	885.92	874.27	888.80	909.91	920.47
27.5	881.67	870.29	885.92	907.99	918.96
28.0	877.42	866.18	882.77	905.94	917.31
28.5	873.17	862.06	879.89	904.02	915.81
29.0	868.65	857.95	876.73	902.10	914.30
29.5	864.26	853.70	873.58	900.04	912.65
30.0	859.73	849.59	870.29	897.98	911.15
30.5	855.21	845.20	867.27	895.93	909.50
31.0	850.55	840.81	864.12	893.87	907.58
31.5	845.75	836.29	860.83	891.81	905.94
32.0	841.23	832.04	857.68	889.62	904.15
32.5	836.29	827.52	854.52	887.56	902.23
33.0	831.35	822.99	851.23	885.23	900.45
33.5	826.28	818.33	847.94	882.90	898.67
34.0	821.48	813.67	844.65	880.57	896.75
34.5	816.27	808.87	841.23	878.10	894.97
35.0	811.06	804.21	837.94	875.91	893.05
35.5	805.85	799.41	834.51	873.31	891.27
36.0	800.65	794.61	831.08	870.98	889.62
36.5	795.30	789.81	827.65	868.65	887.70
37.0	789.95	784.74	824.09	866.18	885.92
37.5	784.33	779.81	820.66	863.85	884.14
38.0	778.85	774.73	816.96	861.38	882.22
38.5	773.09	769.80	813.40	859.05	880.30
39.0	767.47	764.59	809.83	856.58	878.65
39.5	761.98	759.52	805.99	854.11	876.60
40.0	755.95	754.17	802.29	851.65	874.81
40.5	750.19	749.10	798.45	849.18	872.90
41.0	744.30	743.89	794.75	846.71	870.84
41.5	738.27	738.54	790.77	844.10	868.65
42.0	732.23	733.19	786.94	841.64	866.31
42.5	726.20	727.71	782.96	839.17	863.71
43.0	720.03	722.36	778.98	836.56	861.10
43.5	713.73	716.88	775.01	833.69	858.50
44.0	707.69	711.26	770.90	830.81	856.03
44.5	701.25	705.77	766.92	827.65	853.43
45.0	694.94	700.29	762.94	824.36	850.82
45.5	688.50	694.67	758.97	821.21	847.94
46.0	681.92	688.91	754.72	817.92	844.79
46.5	675.34	683.43	750.74	814.77	841.64
47.0	668.76	677.53	746.63	811.34	837.94
47.5	662.18	671.77	742.52	808.05	834.23
48.0	655.32	665.88	738.27	804.35	830.12
48.5	648.60	660.12	734.15	800.65	825.73
49.0	641.61	654.23	729.90	796.53	820.80
49.5	634.90	648.47	725.65	792.28	815.73
50.0	628.18	642.57	721.54	787.62	810.52
50.5	621.05	636.54	717.15	782.82	804.90
51.0	614.19	630.65	712.77	777.75	799.96
51.5	606.93	624.48	708.10	772.13	795.44
52.0	599.94	618.44	703.44	766.37	791.05
52.5	592.67	612.41	698.37	760.06	786.52
53.0	585.54	606.38	693.44	754.17	781.86
53.5	578.14	600.21	688.50	749.10	776.93
54.0	571.01	594.04	683.70	744.16	771.85
54.5	563.74	587.87	678.77	739.09	766.65

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

55.0	556.20	581.56	673.56	733.60	760.89
55.5	548.80	575.40	668.35	728.40	755.40
56.0	541.12	568.95	662.73	722.50	749.51
56.5	533.72	562.65	656.97	716.74	743.20
57.0	526.04	556.06	650.94	710.71	736.90
57.5	518.50	549.62	644.77	704.40	730.59
58.0	510.82	543.04	638.19	697.82	723.73
58.5	503.01	536.46	631.47	691.24	717.02
59.0	495.33	530.15	624.34	684.52	709.89
59.5	487.52	523.30	616.94	677.53	702.35
60.0	479.70	516.85	609.53	670.27	694.67
60.5	471.89	510.00	602.81	662.73	686.03
61.0	464.07	503.28	596.37	655.19	677.40
61.5	455.98	496.70	589.52	647.23	668.35
62.0	448.17	489.98	582.80	638.73	658.89
62.5	439.81	483.27	575.67	629.82	649.02
63.0	431.99	476.55	568.40	620.77	638.87
63.5	424.04	469.83	561.14	611.45	628.18
64.0	415.68	462.98	553.60	601.44	616.94
64.5	407.59	456.12	545.78	591.30	605.42
65.0	399.36	449.40	537.69	580.47	592.94
65.5	391.14	442.55	529.60	569.50	580.06
66.0	382.91	435.69	521.24	557.85	566.07
66.5	374.82	428.56	512.60	545.78	551.68
67.0	366.32	421.30	503.69	532.90	536.19
67.5	358.10	414.03	494.92	519.60	519.73
68.0	349.73	406.90	485.46	505.75	502.73
68.5	341.51	399.50	475.59	490.53	486.01
69.0	333.15	392.10	465.58	475.18	471.48
69.5	324.65	384.42	454.89	458.31	456.26
70.0	316.28	376.88	444.19	442.82	441.18
70.5	307.65	368.79	432.81	428.15	424.73
71.0	299.56	360.56	421.44	413.90	408.69
71.5	290.78	351.93	408.96	398.54	392.37
72.0	282.42	343.02	396.35	383.32	377.43
72.5	274.06	334.10	383.46	367.97	362.07
73.0	265.56	325.19	369.61	352.75	345.48
73.5	257.19	316.56	355.35	338.63	329.03
74.0	248.42	307.78	340.14	323.41	311.62
74.5	240.19	298.87	325.47	308.33	293.66
75.0	231.42	289.55	311.62	292.15	274.74
75.5	223.19	280.50	297.91	275.98	255.69
76.0	214.56	270.77	283.79	258.98	235.67
76.5	206.19	261.03	269.67	241.84	216.61
77.0	197.69	251.44	256.65	224.56	199.34
77.5	189.33	241.02	243.76	207.43	187.69
78.0	180.97	230.73	230.60	192.07	181.10
78.5	172.33	219.77	216.89	181.93	176.31
79.0	163.97	209.07	203.18	175.62	172.47
79.5	155.60	197.69	188.92	170.41	169.86
80.0	147.65	186.59	175.21	166.16	168.08
80.5	139.43	174.80	161.64	162.73	167.26
81.0	131.61	163.42	150.40	160.13	167.40
81.5	124.48	152.45	143.13	158.21	168.63
82.0	116.81	141.48	137.10	156.84	170.41
82.5	109.27	131.20	131.75	156.43	172.47

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

83.0	101.31	121.33	126.81	156.02	175.35
83.5	93.36	112.15	122.29	156.02	178.23
84.0	85.41	102.96	118.18	155.88	172.60
84.5	77.32	94.19	114.48	149.44	158.76
85.0	69.51	85.27	110.36	135.86	142.72
85.5	61.28	76.64	105.84	121.06	123.66
86.0	53.47	67.73	96.93	101.59	89.39
86.5	45.24	58.40	84.31	59.23	47.85
87.0	37.43	48.67	66.22	25.23	19.74
87.5	29.75	38.39	32.63	16.18	15.77
88.0	22.48	27.15	13.44	12.20	12.06
88.5	15.22	13.71	8.91	8.36	8.23
89.0	9.19	6.31	5.21	4.94	5.07
89.5	3.70	2.19	2.06	1.92	1.92
90.0	0.14	0.27	0.27	0.27	0.14
90.5	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

111.0	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

139.0	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	363.93	N.A.	10.70
0-30	781.97	N.A.	23.00
0-40	1310.00	N.A.	38.50
0-60	2491.9	N.A.	73.30
0-80	3300.94	N.A.	97.10
0-90	3399.61	N.A.	100.00
10-90	3305.56	N.A.	97.20
20-40	946.07	N.A.	27.80
20-50	1536.82	N.A.	45.20
40-70	1688.45	N.A.	49.70
60-80	809.05	N.A.	23.80
70-80	302.50	N.A.	8.90
80-90	98.67	N.A.	2.90
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3399.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	94.06
10-20	269.87
20-30	418.05
30-40	528.02
40-50	590.75
50-60	591.15
60-70	506.55
70-80	302.50
80-90	98.67
90-100	0.01
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT

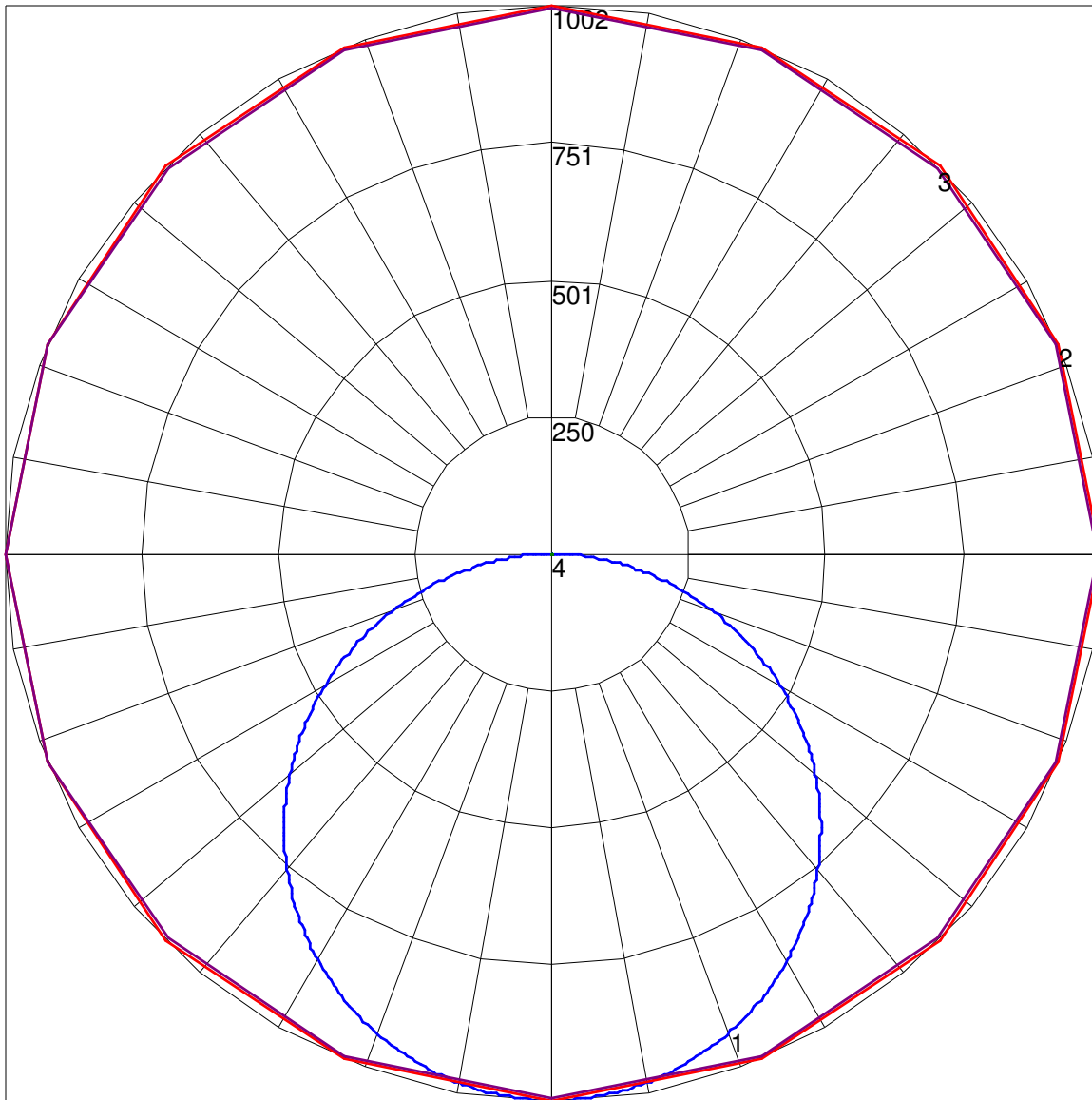
PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR3-40-80-OW-XX(GRID)-XX-W.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	88	81	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	55
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	58	49	43	56	48	42	54	47	42	52	46	41	39
6	67	53	44	37	65	52	43	37	51	43	37	49	42	36	47	41	36	34
7	62	48	39	33	61	47	39	32	46	38	32	44	37	32	43	36	32	30
8	58	44	35	29	56	43	35	29	42	34	28	40	33	28	39	33	28	26
9	54	40	32	26	53	39	31	26	38	31	26	37	30	25	36	30	25	23
10	51	37	29	23	49	36	28	23	35	28	23	34	28	23	33	27	23	21

POLAR GRAPH



Maximum Candela = 1001.9 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.)
3 - Horizontal Cone Through Vertical Angle (2)
4 - Horizontal Cone Through Vertical Angle (90)