



Picasso Lighting

IES INDOOR REPORT

PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR4-30-80-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-DR4-30-80-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, 49.28W, 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	4300
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	49.28
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	3718	4082	4552
55	3669	4443	5019
65	3575	4813	5308
75	3383	4555	4016
85	3017	4791	6195

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR4-30-80-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	1267.11	1267.11	1267.11	1267.11	1267.11
0.5	1266.42	1266.94	1266.77	1266.77	1266.25
1.0	1266.07	1266.42	1265.73	1265.21	1264.51
1.5	1265.73	1265.90	1264.34	1263.30	1262.43
2.0	1265.21	1264.86	1262.60	1261.22	1260.35
2.5	1264.86	1263.65	1261.04	1259.31	1258.44
3.0	1264.17	1262.43	1259.14	1257.40	1256.36
3.5	1263.30	1261.04	1257.40	1255.32	1254.28
4.0	1262.60	1259.66	1255.67	1253.42	1252.20
4.5	1261.56	1257.92	1253.76	1251.16	1250.29
5.0	1260.52	1256.36	1251.68	1249.43	1248.21
5.5	1259.31	1254.63	1249.77	1247.52	1246.48
6.0	1258.27	1252.72	1247.69	1245.44	1244.23
6.5	1256.88	1250.81	1245.61	1243.19	1242.15
7.0	1255.50	1248.73	1243.53	1241.28	1240.24
7.5	1253.94	1246.65	1241.45	1239.20	1238.33
8.0	1252.38	1244.40	1239.20	1237.12	1236.25
8.5	1250.29	1242.32	1236.77	1234.86	1234.17
9.0	1248.73	1240.06	1234.69	1232.96	1232.26
9.5	1246.83	1237.81	1232.26	1230.70	1230.18
10.0	1244.57	1235.21	1230.01	1228.79	1228.27
10.5	1242.67	1232.78	1227.41	1226.54	1226.54
11.0	1240.41	1230.01	1224.98	1224.46	1224.46
11.5	1238.16	1227.23	1222.38	1222.21	1222.55
12.0	1235.73	1224.46	1219.78	1219.95	1220.47
12.5	1233.30	1221.51	1217.18	1218.04	1218.39
13.0	1230.53	1218.74	1214.58	1215.62	1216.48
13.5	1227.93	1215.79	1211.80	1213.54	1214.58
14.0	1225.33	1212.50	1209.20	1211.28	1212.84
14.5	1222.21	1209.38	1206.25	1209.20	1210.94
15.0	1219.26	1206.08	1203.65	1206.95	1209.03
15.5	1216.14	1202.79	1200.71	1204.69	1207.12
16.0	1213.02	1199.32	1197.93	1202.44	1205.21
16.5	1209.72	1195.85	1194.81	1200.19	1203.31
17.0	1206.43	1192.38	1191.86	1197.93	1201.57
17.5	1202.96	1188.74	1188.92	1195.68	1199.49
18.0	1199.49	1184.93	1185.79	1193.25	1197.58
18.5	1195.68	1181.11	1182.67	1191.17	1195.68
19.0	1192.21	1177.47	1179.55	1188.74	1193.94
19.5	1188.57	1173.48	1176.43	1186.66	1192.04
20.0	1184.23	1169.32	1173.14	1184.41	1190.13
20.5	1180.42	1165.16	1169.84	1181.81	1188.22
21.0	1176.26	1161.17	1166.55	1179.55	1186.31
21.5	1172.10	1156.84	1163.25	1177.13	1184.58
22.0	1167.76	1152.50	1159.96	1174.70	1182.50
22.5	1163.43	1148.17	1156.32	1172.44	1180.77
23.0	1158.92	1143.83	1153.02	1170.19	1179.03
23.5	1154.58	1139.33	1149.56	1167.76	1176.95
24.0	1149.90	1134.82	1145.92	1165.33	1175.22
24.5	1145.05	1130.14	1142.27	1163.08	1173.48
25.0	1140.37	1125.46	1138.81	1160.48	1171.58
25.5	1135.34	1120.25	1135.17	1157.88	1169.50
26.0	1130.66	1115.75	1131.52	1155.63	1167.76
26.5	1125.28	1110.72	1127.71	1153.20	1165.85

IES INDOOR REPORT**PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR4-30-80-OW-XX(GRID)-XX-W.IES****CANDELA TABULATION - (Cont.)**

27.0	1120.43	1105.69	1124.07	1150.77	1164.12
27.5	1115.05	1100.66	1120.43	1148.34	1162.21
28.0	1109.68	1095.46	1116.44	1145.74	1160.13
28.5	1104.30	1090.26	1112.80	1143.31	1158.23
29.0	1098.58	1085.06	1108.81	1140.89	1156.32
29.5	1093.03	1079.68	1104.82	1138.29	1154.24
30.0	1087.31	1074.48	1100.66	1135.69	1152.33
30.5	1081.59	1068.93	1096.85	1133.08	1150.25
31.0	1075.69	1063.38	1092.86	1130.48	1147.82
31.5	1069.63	1057.66	1088.70	1127.88	1145.74
32.0	1063.90	1052.29	1084.71	1125.11	1143.49
32.5	1057.66	1046.56	1080.72	1122.51	1141.06
33.0	1051.42	1040.84	1076.56	1119.56	1138.81
33.5	1045.00	1034.95	1072.40	1116.61	1136.55
34.0	1038.94	1029.05	1068.24	1113.67	1134.13
34.5	1032.35	1022.98	1063.90	1110.54	1131.87
35.0	1025.76	1017.09	1059.74	1107.77	1129.44
35.5	1019.17	1011.02	1055.41	1104.48	1127.19
36.0	1012.58	1004.95	1051.07	1101.53	1125.11
36.5	1005.82	998.88	1046.74	1098.58	1122.68
37.0	999.06	992.47	1042.23	1095.46	1120.43
37.5	991.95	986.23	1037.90	1092.51	1118.17
38.0	985.01	979.81	1033.21	1089.39	1115.75
38.5	977.73	973.57	1028.71	1086.44	1113.32
39.0	970.62	966.98	1024.20	1083.32	1111.24
39.5	963.69	960.56	1019.34	1080.20	1108.64
40.0	956.06	953.80	1014.66	1077.08	1106.38
40.5	948.77	947.39	1009.81	1073.96	1103.96
41.0	941.32	940.80	1005.13	1070.84	1101.35
41.5	933.69	934.04	1000.10	1067.54	1098.58
42.0	926.06	927.27	995.24	1064.42	1095.63
42.5	918.43	920.34	990.21	1061.30	1092.34
43.0	910.63	913.58	985.19	1058.01	1089.04
43.5	902.65	906.64	980.16	1054.37	1085.75
44.0	895.02	899.53	974.96	1050.73	1082.63
44.5	886.88	892.60	969.93	1046.74	1079.33
45.0	878.90	885.66	964.90	1042.58	1076.04
45.5	870.75	878.55	959.87	1038.59	1072.40
46.0	862.43	871.27	954.50	1034.43	1068.41
46.5	854.10	864.33	949.47	1030.44	1064.42
47.0	845.78	856.88	944.27	1026.10	1059.74
47.5	837.46	849.60	939.06	1021.94	1055.06
48.0	828.79	842.14	933.69	1017.26	1049.86
48.5	820.29	834.86	928.49	1012.58	1044.31
49.0	811.45	827.40	923.11	1007.38	1038.07
49.5	802.96	820.12	917.74	1002.00	1031.65
50.0	794.46	812.67	912.54	996.11	1025.06
50.5	785.44	805.04	906.99	990.04	1017.96
51.0	776.77	797.58	901.44	983.63	1011.71
51.5	767.58	789.78	895.54	976.52	1005.99
52.0	758.74	782.15	889.65	969.23	1000.44
52.5	749.55	774.52	883.23	961.26	994.72
53.0	740.54	766.89	876.99	953.80	988.83
53.5	731.17	759.09	870.75	947.39	982.58
54.0	722.16	751.29	864.68	941.15	976.17
54.5	712.97	743.48	858.44	934.73	969.58

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55.0	703.43	735.51	851.85	927.79	962.30
55.5	694.07	727.71	845.26	921.21	955.36
56.0	684.36	719.56	838.15	913.75	947.91
56.5	675.00	711.58	830.87	906.47	939.93
57.0	665.29	703.26	823.24	898.84	931.96
57.5	655.75	695.11	815.44	890.86	923.98
58.0	646.04	686.79	807.12	882.54	915.31
58.5	636.16	678.46	798.62	874.22	906.81
59.0	626.45	670.49	789.60	865.72	897.80
59.5	616.56	661.82	780.24	856.88	888.26
60.0	606.68	653.67	770.88	847.69	878.55
60.5	596.80	645.00	762.38	838.15	867.63
61.0	586.92	636.50	754.23	828.62	856.71
61.5	576.69	628.18	745.56	818.56	845.26
62.0	566.80	619.69	737.07	807.81	833.30
62.5	556.23	611.19	728.05	796.54	820.81
63.0	546.34	602.69	718.86	785.10	807.98
63.5	536.29	594.20	709.67	773.31	794.46
64.0	525.71	585.53	700.14	760.65	780.24
64.5	515.48	576.86	690.25	747.82	765.68
65.0	505.08	568.36	680.02	734.12	749.90
65.5	494.67	559.69	669.79	720.25	733.60
66.0	484.27	551.02	659.22	705.51	715.92
66.5	474.04	542.01	648.29	690.25	697.71
67.0	463.29	532.82	637.02	673.96	678.12
67.5	452.89	523.63	625.93	657.14	657.31
68.0	442.31	514.61	613.96	639.63	635.81
68.5	431.91	505.25	601.48	620.38	614.66
69.0	421.33	495.89	588.82	600.96	596.28
69.5	410.58	486.18	575.30	579.63	577.03
70.0	400.00	476.64	561.77	560.04	557.96
70.5	389.08	466.41	547.38	541.49	537.15
71.0	378.85	456.01	532.99	523.46	516.87
71.5	367.75	445.08	517.21	504.04	496.23
72.0	357.18	433.81	501.26	484.79	477.33
72.5	346.60	422.54	484.96	465.37	457.92
73.0	335.85	411.27	467.45	446.13	436.94
73.5	325.27	400.35	449.42	428.27	416.13
74.0	314.18	389.25	430.17	409.02	394.11
74.5	303.77	377.98	411.62	389.95	371.40
75.0	292.68	366.19	394.11	369.49	347.47
75.5	282.27	354.75	376.77	349.03	323.37
76.0	271.35	342.44	358.91	327.53	298.05
76.5	260.77	330.13	341.05	305.85	273.95
77.0	250.02	317.99	324.58	284.01	252.10
77.5	239.45	304.81	308.28	262.33	237.37
78.0	228.87	291.81	291.64	242.92	229.04
78.5	217.95	277.94	274.30	230.08	222.98
79.0	207.37	264.42	256.96	222.11	218.12
79.5	196.79	250.02	238.93	215.52	214.83
80.0	186.74	235.98	221.59	210.15	212.57
80.5	176.33	221.07	204.42	205.81	211.53
81.0	166.45	206.68	190.21	202.52	211.71
81.5	157.44	192.81	181.02	200.09	213.27
82.0	147.73	178.94	173.39	198.35	215.52
82.5	138.19	165.93	166.63	197.83	218.12

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83.0	128.13	153.45	160.38	197.31	221.76
83.5	118.08	141.83	154.66	197.31	225.40
84.0	108.02	130.21	149.46	197.14	218.29
84.5	97.79	119.12	144.78	188.99	200.78
85.0	87.91	107.85	139.58	171.83	180.50
85.5	77.50	96.92	133.85	153.10	156.40
86.0	67.62	85.65	122.58	128.48	113.05
86.5	57.22	73.86	106.63	74.90	60.51
87.0	47.33	61.55	83.75	31.90	24.97
87.5	37.63	48.55	41.27	20.46	19.94
88.0	28.44	34.33	16.99	15.43	15.26
88.5	19.25	17.34	11.27	10.58	10.40
89.0	11.62	7.98	6.59	6.24	6.42
89.5	4.68	2.77	2.60	2.43	2.43
90.0	0.17	0.35	0.35	0.35	0.17
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-DR4-30-80-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-DR4-30-80-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-DR4-30-80-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-DR4-30-80-OW-XX(GRID)-XX-W.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	460.26	N.A.	10.70
0-30	988.97	N.A.	23.00
0-40	1656.76	N.A.	38.50
0-60	3151.52	N.A.	73.30
0-80	4174.72	N.A.	97.10
0-90	4299.51	N.A.	100.00
10-90	4180.55	N.A.	97.20
20-40	1196.5	N.A.	27.80
20-50	1943.63	N.A.	45.20
40-70	2135.39	N.A.	49.70
60-80	1023.21	N.A.	23.80
70-80	382.57	N.A.	8.90
80-90	124.79	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	4299.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.95
10-20	341.30
20-30	528.71
30-40	667.79
40-50	747.12
50-60	747.63
60-70	640.64
70-80	382.57
80-90	124.79
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-DR4-30-80-OW-XX(GRID)-XX-W.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

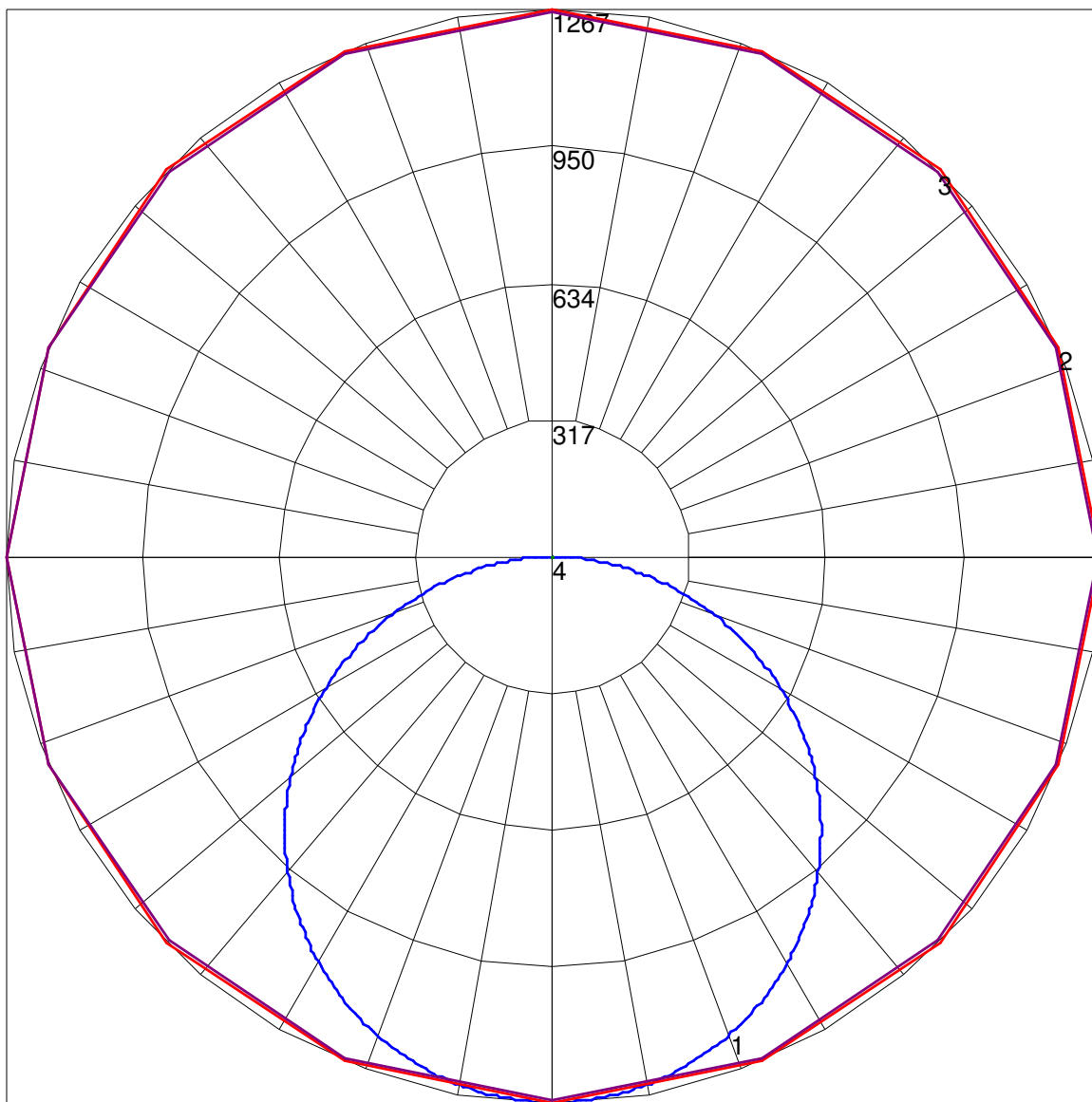
Effective Floor Cavity Reflectance 0.20

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

IES INDOOR REPORT

PHOTOMETRIC FILENAME : EZ-RAI-R-2X2-DR4-30-80-OW-XX(GRID)-XX-W.IES

POLAR GRAPH



Maximum Candela = 1267.11 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)