



IES INDOOR REPORT
PHOTOMETRIC FILENAME : R1LA22H-50-35W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 4789945682_15
 [TESTLAB] UL-CCIC (Suzhou) Co.,Ltd
 [TESTDATE] 06/07/2021
 [ISSUEDATE] 07/08/2021
 [MANUFAC] LAMAR LED
 [LUMCAT] R1LA22H-50-35W
 [LUMINAIRE] 2X2 RECESSED 5000K
 [_VOLTAGE] 120.07V
 [_CURRENT] 0.2926A
 [_WATTS] 35.02W
 [_POWER FACTOR] 0.9969
 [_ATHD] 6.32%

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4550
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	35
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.58 m
Luminous Width (90-270)	0.52 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4407	4804	5198
55	4155	4822	5533
65	3786	4965	6058
75	3425	5410	6751
85	3004	5161	4528

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076
1	1492.392	1491.416	1491.123	1500.592	1501.666	1498.933	1495.906	1492.099	1490.440	1491.806
2	1494.247	1493.271	1492.392	1502.545	1504.887	1503.814	1501.568	1496.980	1492.392	1492.587
3	1494.442	1492.880	1491.611	1501.666	1505.571	1506.547	1505.180	1499.421	1493.173	1491.221
4	1494.540	1491.026	1488.683	1500.006	1505.083	1508.109	1507.425	1500.495	1492.685	1487.511
5	1493.466	1487.999	1484.583	1496.102	1503.521	1508.792	1508.402	1499.909	1490.537	1482.338
6	1490.928	1485.168	1480.288	1491.904	1501.568	1507.523	1506.840	1497.176	1487.218	1478.140
7	1487.609	1481.947	1477.066	1488.292	1499.128	1504.204	1502.935	1493.954	1483.314	1474.040
8	1483.802	1478.628	1474.138	1485.657	1496.297	1500.592	1498.152	1489.757	1478.823	1469.549
9	1479.409	1475.504	1471.892	1483.704	1492.783	1495.809	1492.880	1483.899	1472.869	1465.059
10	1473.649	1472.283	1469.842	1481.654	1488.878	1489.952	1486.047	1476.285	1466.035	1460.471
11	1467.109	1468.183	1467.597	1479.214	1483.997	1483.118	1477.652	1467.402	1458.616	1455.395
12	1459.397	1463.692	1465.059	1476.480	1478.726	1475.211	1468.183	1457.054	1450.514	1449.635
13	1450.514	1457.835	1461.447	1472.869	1473.161	1467.109	1458.128	1446.902	1442.021	1443.192
14	1440.947	1450.807	1456.176	1468.378	1467.304	1459.007	1447.585	1436.457	1432.454	1435.676
15	1430.795	1441.728	1449.440	1462.911	1461.154	1450.904	1437.335	1425.524	1421.521	1425.816
16	1420.252	1431.478	1441.338	1456.176	1454.711	1442.802	1427.476	1413.809	1409.416	1414.102
17	1408.733	1420.154	1431.576	1447.585	1447.683	1434.504	1417.226	1401.705	1396.238	1401.216
18	1396.531	1407.855	1420.838	1438.019	1439.581	1425.524	1406.488	1388.721	1382.474	1387.257
19	1383.059	1394.578	1408.440	1426.695	1429.916	1415.664	1395.555	1375.933	1368.417	1372.907
20	1368.710	1381.009	1395.067	1414.102	1418.690	1404.633	1383.548	1362.755	1354.164	1358.264
21	1353.774	1367.148	1381.009	1400.826	1406.586	1392.919	1371.443	1349.869	1340.205	1344.012
22	1339.229	1352.798	1366.952	1387.940	1394.383	1380.717	1359.338	1336.691	1325.855	1329.369
23	1324.879	1338.350	1353.481	1376.031	1382.864	1369.198	1347.233	1323.903	1311.505	1314.726
24	1310.626	1324.098	1340.791	1365.195	1372.614	1358.460	1335.422	1310.724	1297.058	1299.986
25	1296.277	1309.846	1328.491	1355.043	1363.048	1348.698	1324.195	1297.253	1282.415	1285.441
26	1281.927	1295.886	1316.679	1345.379	1354.457	1339.619	1313.165	1283.489	1267.284	1270.701
27	1267.870	1282.122	1305.160	1336.007	1345.769	1330.541	1301.841	1269.139	1252.348	1256.155
28	1253.617	1268.455	1293.934	1326.636	1337.179	1320.876	1290.029	1254.691	1237.022	1241.513
29	1238.877	1254.984	1282.708	1316.972	1327.710	1310.529	1277.143	1239.853	1221.696	1227.065
30	1223.844	1241.317	1271.091	1306.917	1317.850	1298.912	1263.770	1224.722	1206.272	1212.422
31	1208.225	1227.358	1258.986	1296.277	1307.112	1286.612	1249.224	1209.396	1190.458	1197.682
32	1192.215	1212.910	1246.296	1284.758	1295.691	1273.824	1233.996	1193.679	1174.253	1182.649
33	1175.230	1197.975	1233.020	1272.751	1283.879	1260.451	1218.475	1177.280	1157.756	1166.932
34	1158.244	1182.063	1218.963	1260.353	1271.677	1246.686	1202.758	1160.392	1140.575	1150.434
35	1140.575	1165.468	1204.320	1247.565	1259.670	1233.215	1186.944	1143.113	1122.808	1132.863
36	1122.808	1148.287	1188.799	1233.801	1246.882	1219.353	1171.227	1125.347	1104.261	1114.901
37	1104.163	1130.130	1172.496	1219.158	1233.898	1205.589	1155.315	1107.189	1085.421	1095.866
38	1085.713	1111.485	1155.315	1203.832	1219.939	1191.434	1139.111	1088.349	1065.213	1076.440
39	1066.287	1092.351	1138.037	1188.115	1205.296	1176.499	1122.320	1069.118	1045.397	1055.940
40	1046.568	1072.632	1119.880	1171.911	1190.068	1160.977	1105.237	1049.790	1024.897	1035.537
41	1026.459	1052.718	1101.723	1155.608	1174.741	1144.870	1087.763	1029.973	1004.104	1014.940
42	1005.959	1032.609	1083.468	1138.915	1158.732	1128.373	1069.802	1010.157	983.214	994.245
43	985.264	1012.792	1065.116	1122.320	1143.406	1111.582	1051.742	990.047	962.226	973.745
44	964.666	992.878	1046.861	1106.018	1127.885	1094.792	1033.292	969.938	941.531	953.050
45	943.483	972.866	1028.509	1089.521	1112.754	1077.806	1014.354	949.438	920.445	932.355
46	922.593	952.855	1010.352	1073.218	1097.623	1060.723	995.123	928.548	899.360	911.855
47	901.214	932.843	991.902	1057.014	1082.297	1043.542	975.795	907.560	877.981	891.062
48	879.738	912.343	973.550	1040.809	1066.971	1026.654	955.978	886.474	856.407	870.367
49	857.872	891.745	954.514	1024.409	1051.840	1009.766	936.162	865.193	834.736	849.477
50	835.615	870.953	935.381	1008.204	1036.904	993.171	915.955	843.327	812.674	828.098
51	813.553	849.379	915.955	991.902	1021.871	976.576	895.943	821.948	790.515	806.720
52	790.808	827.512	896.333	975.697	1006.935	960.371	875.931	800.179	767.965	785.048
53	767.965	805.451	876.907	959.493	991.707	943.971	856.115	778.898	745.318	763.182

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CANDELA TABULATION - (Cont.)

54	744.829	783.291	857.091	942.800	976.478	927.669	836.396	757.715	722.475	740.827
55	721.596	760.351	837.372	926.107	960.859	911.171	816.677	735.653	699.534	718.082
56	698.265	737.606	817.360	909.219	945.533	894.381	796.763	713.201	676.301	694.849
57	674.349	714.763	797.348	892.331	929.914	877.591	777.044	691.432	652.580	671.225
58	650.920	691.920	777.629	875.150	913.807	860.507	757.422	668.980	628.371	647.699
59	627.004	669.077	757.715	857.579	897.114	842.936	737.899	645.747	604.259	624.368
60	602.990	646.332	737.508	839.519	879.543	824.974	718.082	622.709	579.756	600.647
61	579.171	623.587	717.008	820.386	860.898	806.232	698.558	599.866	555.840	577.121
62	555.449	600.549	696.606	800.667	840.984	786.903	678.449	576.145	531.923	553.888
63	531.533	577.609	676.008	780.363	820.093	766.598	658.535	552.716	507.812	530.752
64	507.909	554.864	655.704	759.277	798.032	745.708	638.230	529.581	484.090	507.909
65	484.481	532.314	635.301	737.508	775.091	723.744	618.316	506.738	460.955	485.945
66	461.443	509.862	615.094	715.642	751.858	701.780	597.914	484.578	438.014	463.883
67	438.600	487.995	595.278	692.994	728.234	679.132	577.707	462.712	415.757	442.798
68	415.855	466.031	575.364	670.249	704.318	655.704	557.304	441.724	393.988	421.712
69	393.696	444.945	555.547	646.918	679.718	631.982	536.609	421.517	373.000	401.407
70	372.122	424.250	535.535	623.099	654.435	607.675	515.328	401.603	352.208	381.298
71	350.646	403.750	515.035	598.402	629.151	582.685	493.462	381.981	331.610	361.384
72	329.853	383.641	493.559	573.216	603.966	557.499	470.619	362.262	310.817	341.470
73	308.963	363.727	471.205	547.835	579.561	532.314	447.386	342.446	290.025	321.653
74	288.463	344.008	448.069	523.040	555.547	507.909	423.176	322.336	269.134	301.641
75	268.353	324.289	423.957	498.831	528.995	483.700	398.576	301.934	248.439	282.020
76	248.439	304.570	398.967	473.645	499.612	457.343	373.977	281.727	227.939	262.789
77	228.720	284.949	374.660	445.531	467.886	428.838	350.060	261.422	207.927	243.851
78	209.099	265.132	350.743	414.976	432.743	397.600	326.827	240.825	188.989	225.108
79	190.161	245.120	326.632	381.396	394.086	363.629	302.715	219.837	170.832	205.780
80	172.297	224.620	300.567	344.886	353.086	326.729	276.163	198.751	152.187	186.842
81	153.261	203.242	272.356	305.741	308.865	286.803	247.365	178.837	133.933	168.294
82	134.421	182.547	241.606	263.961	262.301	244.632	215.835	157.361	115.971	148.380
83	115.678	159.997	208.220	219.446	214.468	199.923	181.668	136.178	98.302	128.564
84	97.228	137.545	173.956	175.225	167.416	156.092	146.233	114.311	81.023	108.454
85	79.266	113.921	136.178	130.711	119.485	111.090	107.868	90.883	64.233	87.369
86	61.890	88.735	97.619	86.002	74.971	68.919	70.383	66.283	48.028	65.307
87	45.002	62.769	60.426	46.369	35.338	32.409	36.314	41.488	32.605	42.855
88	29.286	37.193	28.309	13.959	5.271	6.736	12.593	18.938	18.450	21.574
89	15.521	15.228	8.786	5.076	3.417	4.100	5.564	6.345	8.005	7.907
90	5.271	4.783	3.710	3.417	2.636	2.636	2.733	1.660	2.245	2.538
91	2.148	1.952	2.440	3.124	2.440	2.343	2.636	1.562	2.148	2.440
92	2.050	1.660	2.148	3.026	2.440	2.343	2.440	1.562	1.855	2.343
93	1.952	1.464	2.050	2.733	2.343	2.538	2.148	1.464	1.757	2.245
94	1.855	1.562	1.952	2.538	2.148	2.440	1.855	1.660	1.562	2.148
95	1.757	1.660	1.757	2.343	2.245	2.343	1.660	1.757	1.269	1.952
96	1.464	1.660	1.660	2.245	2.148	2.245	1.562	1.855	1.171	1.757
97	1.562	1.562	1.562	2.148	2.148	2.148	1.464	1.855	1.171	1.367
98	1.269	1.562	1.562	1.855	2.245	2.050	1.562	1.855	1.269	1.269
99	1.171	1.660	1.464	1.660	2.148	2.050	1.464	1.757	1.171	1.171
100	0.976	1.757	1.367	1.562	2.148	1.855	1.464	1.660	1.367	1.171
101	0.976	1.757	1.269	1.464	2.245	1.855	1.464	1.660	1.367	1.171
102	0.976	1.660	1.269	1.464	2.148	1.757	1.660	1.562	1.464	1.269
103	1.171	1.562	1.367	1.660	2.050	1.855	1.757	1.367	1.562	1.269
104	1.367	1.269	1.269	1.562	1.855	1.757	1.757	1.171	1.562	1.464
105	1.464	1.074	1.367	1.562	1.660	1.855	1.660	1.074	1.562	1.464
106	1.464	0.879	1.464	1.660	1.464	1.757	1.367	1.074	1.367	1.464
107	1.464	0.879	1.464	1.757	1.464	1.562	1.269	0.879	1.269	1.562
108	1.171	0.879	1.660	1.757	1.171	1.464	1.269	0.879	1.074	1.367
109	0.976	0.879	1.660	1.660	1.074	1.269	1.074	0.879	0.976	1.269

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CANDELA TABULATION - (Cont.)

110	0.976	0.976	1.562	1.660	1.074	1.074	0.976	0.879	0.879	1.269
111	0.976	0.976	1.464	1.660	1.074	1.074	1.074	1.074	0.879	1.074
112	1.074	1.074	1.269	1.562	1.074	0.976	0.976	1.367	0.781	0.976
113	0.976	1.074	1.269	1.660	1.074	1.074	0.879	1.464	0.781	0.976
114	0.976	1.269	1.171	1.562	1.171	1.074	0.879	1.464	0.781	0.976
115	0.879	1.464	1.074	1.660	1.171	1.269	0.976	1.464	0.976	0.976
116	0.879	1.464	1.074	1.562	1.367	1.269	1.171	1.367	0.976	0.976
117	0.781	1.562	0.976	1.464	1.367	1.367	1.269	1.367	1.074	1.074
118	0.879	1.562	1.074	1.464	1.660	1.464	1.367	1.269	1.171	1.269
119	0.879	1.562	1.074	1.269	1.660	1.660	1.367	1.074	1.269	1.367
120	1.074	1.562	1.171	1.171	1.757	1.757	1.562	1.074	1.464	1.660
121	1.269	1.562	1.367	1.171	1.855	1.757	1.562	1.074	1.562	1.660
122	1.464	1.562	1.464	1.269	1.855	1.757	1.757	1.074	1.660	1.757
123	1.660	1.464	1.660	1.367	1.855	1.757	1.855	1.074	1.660	1.757
124	1.660	1.562	1.660	1.562	1.952	1.757	1.855	1.171	1.660	1.660
125	1.757	1.562	1.660	1.757	1.952	1.660	1.855	1.269	1.464	1.757
126	1.757	1.562	1.855	1.855	1.952	1.660	1.757	1.464	1.464	1.757
127	1.855	1.562	1.952	2.050	1.952	1.464	1.660	1.562	1.562	1.660
128	1.855	1.464	1.952	2.050	1.952	1.464	1.562	1.757	1.562	1.660
129	1.855	1.367	1.855	2.148	1.855	1.562	1.562	1.855	1.464	1.757
130	1.855	1.464	1.855	2.245	1.855	1.757	1.562	1.952	1.464	1.855
131	1.855	1.464	1.660	2.245	1.855	1.855	1.562	2.148	1.464	1.757
132	1.660	1.562	1.562	2.343	1.757	1.952	1.660	2.245	1.562	1.757
133	1.660	1.660	1.660	2.440	1.855	2.050	1.952	2.245	1.562	1.757
134	1.660	1.757	1.757	2.440	1.855	1.952	1.952	2.245	1.757	1.757
135	1.660	1.952	1.952	2.538	1.952	1.952	1.952	2.148	1.855	1.855
136	1.855	2.245	1.952	2.538	2.148	1.952	2.050	2.148	2.050	1.855
137	2.148	2.440	2.245	2.636	2.343	2.050	2.050	2.148	2.148	1.952
138	2.440	2.538	2.245	2.538	2.343	2.245	2.245	2.148	2.245	2.050
139	2.538	2.636	2.538	2.538	2.538	2.440	2.538	2.050	2.245	2.343
140	2.733	2.636	2.636	2.440	2.831	2.538	2.733	2.148	2.440	2.440
141	2.733	2.636	2.831	2.538	2.831	2.733	2.831	2.148	2.636	2.733
142	2.733	2.440	2.831	2.538	2.831	2.831	2.636	2.440	2.733	2.831
143	2.831	2.440	2.831	2.440	2.929	2.831	2.831	2.636	2.831	2.929
144	2.929	2.440	2.929	2.440	2.929	2.733	2.733	2.636	2.929	2.929
145	2.929	2.440	3.026	2.440	2.831	2.831	2.733	2.929	3.026	2.929
146	2.831	2.440	3.124	2.636	2.733	2.733	2.636	3.026	3.026	3.026
147	2.733	2.636	3.221	2.831	2.636	2.636	2.733	3.221	3.026	3.026
148	2.733	2.733	3.124	3.026	2.733	2.636	2.636	3.124	2.929	3.026
149	2.733	2.733	3.026	3.221	2.733	2.733	2.733	3.026	3.026	2.929
150	2.733	2.831	2.929	3.319	2.831	2.733	2.733	3.124	2.831	3.026
151	2.733	3.026	2.929	3.417	2.929	2.831	2.831	2.929	2.831	2.929
152	2.929	3.319	3.026	3.514	3.221	2.831	3.026	2.831	2.929	2.929
153	3.124	3.514	3.124	3.612	3.221	3.124	3.124	3.026	3.026	3.026
154	3.221	3.710	3.221	3.612	3.417	3.221	3.319	3.319	3.319	3.026
155	3.612	3.807	3.319	3.612	3.612	3.319	3.319	3.514	3.417	3.221
156	3.710	3.807	3.319	3.612	3.905	3.417	3.514	3.905	3.417	3.514
157	3.807	3.905	3.417	3.612	4.002	3.710	3.710	3.905	3.612	3.514
158	4.002	4.002	3.514	3.514	4.100	4.002	3.807	3.905	4.002	3.710
159	4.100	4.100	3.710	3.612	4.198	4.198	3.905	3.905	4.100	3.905
160	4.198	3.905	4.002	3.807	4.393	4.295	4.100	3.807	4.198	4.198
161	4.198	3.905	4.295	4.002	4.198	4.393	4.198	3.807	4.100	4.295
162	4.295	4.100	4.588	4.295	4.198	4.588	4.295	3.905	4.198	4.490
163	4.490	4.295	4.686	4.588	4.198	4.588	4.686	4.100	4.198	4.490
164	4.393	4.783	4.881	4.783	4.393	4.686	4.881	4.198	4.295	4.393
165	4.490	4.979	4.979	4.979	4.783	4.783	4.979	4.490	4.393	4.490

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CANDELA TABULATION - (Cont.)

166	4.588	5.174	5.174	4.979	5.076	4.881	5.174	4.686	4.588	4.588
167	4.881	5.369	5.467	4.979	5.467	4.881	5.076	4.881	4.783	4.783
168	5.271	5.564	5.467	4.979	5.564	4.979	5.174	5.076	5.174	5.174
169	5.564	5.662	5.467	5.174	5.564	5.174	5.174	5.271	5.662	5.662
170	5.759	5.759	5.564	5.271	5.662	5.369	5.271	5.369	5.759	5.759
171	5.759	5.759	5.564	5.467	5.564	5.467	5.174	5.467	5.467	5.662
172	5.759	5.759	5.564	5.662	5.369	5.662	5.174	5.759	5.174	5.662
173	5.662	5.759	5.271	5.759	5.369	5.662	5.174	5.759	5.271	5.467
174	5.564	5.467	5.174	5.662	5.271	5.564	5.174	5.564	5.369	5.271
175	5.369	5.174	5.271	5.467	5.271	5.467	5.369	5.271	5.564	5.369
176	5.174	5.369	5.564	5.467	5.662	5.369	5.662	5.174	5.662	5.271
177	5.467	5.564	5.857	5.271	5.564	5.271	5.564	5.369	5.662	5.467
178	5.759	5.759	5.759	5.369	5.369	5.271	5.271	5.662	5.271	5.759
179	5.662	5.857	5.271	5.857	5.369	5.467	5.857	5.467	5.369	5.467
180	5.662	5.662	5.662	5.662	5.662	5.662	5.662	5.662	5.662	5.662

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076	1493.076
1	1493.368	1502.056	1502.252	1499.909	1495.516	1491.709	1488.976
2	1492.197	1501.959	1504.302	1503.521	1500.885	1497.078	1493.076
3	1490.245	1499.811	1504.009	1504.985	1504.497	1499.811	1494.247
4	1485.266	1496.004	1501.764	1506.449	1507.133	1501.764	1494.540
5	1479.116	1490.733	1498.347	1505.961	1507.718	1501.568	1493.661
6	1473.454	1485.754	1495.028	1503.911	1505.766	1499.323	1491.318
7	1468.866	1481.068	1491.611	1500.592	1502.447	1496.199	1488.195
8	1464.473	1476.383	1487.609	1496.102	1497.761	1492.002	1484.485
9	1460.080	1471.990	1482.338	1489.952	1491.221	1486.340	1480.092
10	1456.176	1467.402	1476.090	1482.240	1483.314	1478.921	1474.333
11	1452.661	1462.911	1469.452	1473.747	1474.430	1470.330	1467.011
12	1448.757	1458.519	1463.009	1465.352	1465.059	1460.861	1459.007
13	1443.973	1454.223	1456.957	1457.250	1455.492	1450.904	1450.416
14	1438.116	1449.342	1450.611	1448.952	1445.438	1440.947	1441.435
15	1430.404	1443.192	1443.778	1440.362	1435.090	1430.404	1431.869
16	1420.740	1435.481	1436.652	1431.283	1424.059	1418.983	1421.326
17	1409.124	1425.816	1428.159	1421.521	1412.540	1406.878	1409.416
18	1396.433	1414.297	1418.397	1411.759	1400.826	1393.895	1396.824
19	1382.571	1401.607	1407.171	1400.924	1388.819	1380.424	1382.962
20	1368.319	1388.038	1394.774	1389.600	1376.909	1367.343	1368.710
21	1354.164	1374.469	1382.474	1377.788	1364.902	1354.164	1354.360
22	1340.205	1361.291	1369.979	1365.781	1352.895	1340.791	1339.912
23	1326.538	1348.698	1358.167	1353.676	1340.888	1327.612	1325.660
24	1312.969	1336.495	1346.745	1341.962	1329.076	1314.141	1311.505
25	1299.303	1324.684	1335.910	1330.931	1317.069	1300.474	1297.546
26	1285.929	1313.360	1325.757	1320.291	1304.672	1286.612	1283.196
27	1272.751	1301.938	1315.507	1309.650	1292.274	1272.458	1268.748
28	1259.962	1290.517	1305.355	1298.815	1278.998	1257.912	1253.813
29	1247.370	1279.389	1294.715	1287.296	1265.624	1243.172	1238.779
30	1234.582	1268.065	1283.391	1274.996	1251.860	1228.139	1223.356
31	1221.208	1256.058	1271.677	1262.208	1237.315	1212.617	1207.932
32	1207.932	1244.148	1259.865	1248.932	1222.477	1196.608	1191.922
33	1193.972	1231.555	1247.370	1235.265	1206.956	1180.306	1175.815
34	1179.232	1218.572	1234.875	1221.403	1191.629	1163.418	1158.927
35	1163.808	1205.101	1222.184	1207.248	1175.522	1146.237	1141.649
36	1147.506	1190.458	1208.908	1192.703	1159.220	1128.861	1124.175

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CANDELA TABULATION - (Cont.)

37	1130.227	1175.132	1194.753	1177.768	1142.625	1110.704	1105.823
38	1111.778	1158.732	1179.915	1162.539	1125.249	1091.961	1086.982
39	1093.035	1141.356	1164.003	1146.530	1107.775	1072.632	1067.166
40	1073.609	1123.687	1147.311	1129.446	1089.618	1053.109	1046.861
41	1054.183	1105.628	1130.423	1112.070	1071.071	1033.097	1026.459
42	1034.757	1087.861	1113.339	1094.694	1052.230	1012.988	1005.471
43	1015.526	1069.997	1096.256	1077.123	1033.097	992.781	984.678
44	996.588	1052.621	1079.759	1059.552	1013.964	972.281	963.495
45	977.650	1035.440	1063.652	1041.980	994.733	951.390	942.507
46	958.712	1018.552	1047.545	1024.507	975.014	930.500	921.226
47	939.578	1001.859	1031.633	1006.838	955.002	909.414	899.555
48	920.836	985.264	1015.916	989.462	935.186	888.426	878.372
49	901.702	968.571	1000.688	972.281	914.686	866.853	857.091
50	881.983	952.074	985.654	955.588	894.674	845.181	835.224
51	862.460	935.186	970.621	938.993	874.662	823.412	813.455
52	842.546	918.395	955.490	922.398	854.748	801.546	791.101
53	822.436	901.312	940.359	905.900	834.931	779.679	768.551
54	801.936	883.643	924.643	889.110	815.310	758.008	745.806
55	781.339	865.779	908.340	871.929	795.396	735.653	722.768
56	760.351	848.012	891.941	854.260	775.482	713.103	699.534
57	739.363	830.050	875.150	836.200	755.079	690.065	675.813
58	718.961	812.089	858.165	818.336	734.677	666.735	651.604
59	698.558	794.224	840.691	799.984	713.982	643.209	627.199
60	678.058	775.970	822.339	781.632	693.384	619.487	602.697
61	657.363	757.032	803.303	762.596	672.787	595.961	578.292
62	636.961	737.801	783.779	743.268	651.994	572.533	554.278
63	616.559	717.887	763.475	723.256	631.494	549.300	530.362
64	596.645	697.875	742.584	703.049	610.702	525.969	506.445
65	577.023	677.082	721.108	682.646	590.592	503.321	483.017
66	557.207	655.997	699.437	661.658	570.190	480.967	459.979
67	537.976	634.520	677.473	640.768	550.666	459.393	437.429
68	518.550	612.654	655.020	619.292	531.240	438.502	415.562
69	499.124	590.104	631.982	597.523	512.009	418.198	393.891
70	479.795	567.261	608.261	574.876	492.583	398.576	373.000
71	459.198	543.833	584.149	551.350	472.376	378.760	351.915
72	438.307	519.623	559.549	527.042	451.779	359.334	331.024
73	416.734	495.609	535.535	502.443	430.205	339.322	309.744
74	394.379	472.083	511.424	478.136	407.557	319.213	288.560
75	371.829	448.460	485.945	454.024	384.031	299.103	267.865
76	349.084	423.957	458.417	428.838	360.115	279.189	247.463
77	326.632	397.796	429.522	402.188	336.393	259.470	227.158
78	304.570	370.169	398.576	374.172	313.648	239.849	207.635
79	281.825	340.201	365.386	344.691	290.708	220.227	188.697
80	257.420	308.182	330.146	313.258	266.694	200.411	171.223
81	231.551	273.820	292.660	279.872	241.118	181.082	152.871
82	203.632	237.115	252.637	244.339	214.175	161.461	134.616
83	175.225	198.361	210.173	206.268	186.256	141.449	116.459
84	143.402	159.606	167.611	167.416	156.190	121.633	98.497
85	110.016	117.923	122.707	125.928	124.366	101.035	80.535
86	75.654	77.412	78.778	84.733	90.492	79.364	63.159
87	42.952	39.731	37.974	45.490	56.716	57.302	46.076
88	16.205	9.469	6.248	12.495	26.162	34.752	29.676
89	6.052	4.783	3.710	4.686	8.590	14.838	15.326
90	3.124	3.319	3.124	3.026	3.514	4.588	4.979
91	2.929	3.124	3.124	2.538	2.440	2.148	1.855
92	2.733	2.831	3.026	2.440	2.343	2.245	1.660

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CANDELA TABULATION - (Cont.)

93	2.636	2.538	2.929	2.343	2.440	2.148	1.464
94	2.440	2.440	2.831	2.245	2.343	2.050	1.367
95	2.148	2.343	2.733	2.245	2.343	1.952	1.171
96	2.148	2.245	2.636	2.245	2.245	1.952	1.171
97	1.757	2.148	2.440	2.343	2.050	1.855	1.171
98	1.660	1.855	2.148	2.343	1.952	1.660	1.074
99	1.562	1.757	2.050	2.245	1.757	1.660	1.269
100	1.464	1.660	1.855	2.245	1.562	1.660	1.171
101	1.367	1.562	1.660	2.148	1.367	1.562	1.464
102	1.269	1.660	1.562	2.050	1.367	1.464	1.660
103	1.269	1.757	1.464	1.952	1.171	1.367	1.562
104	1.269	1.855	1.464	1.952	1.074	1.367	1.562
105	1.171	1.757	1.367	1.855	1.074	1.269	1.464
106	1.269	1.855	1.562	1.855	0.976	1.074	1.367
107	1.367	1.757	1.464	1.660	0.976	0.976	1.269
108	1.562	1.757	1.464	1.464	1.074	0.879	1.074
109	1.660	1.757	1.562	1.464	0.976	0.879	1.074
110	1.660	1.562	1.562	1.269	1.074	0.781	0.879
111	1.562	1.562	1.660	1.171	1.269	0.879	0.781
112	1.562	1.367	1.757	0.976	1.269	0.976	0.781
113	1.464	1.171	1.757	1.074	1.464	0.976	0.976
114	1.269	1.171	1.757	1.074	1.464	1.074	1.074
115	1.074	1.171	1.757	1.074	1.562	1.269	1.171
116	1.074	1.269	1.757	1.171	1.562	1.367	1.464
117	1.171	1.269	1.660	1.367	1.464	1.367	1.464
118	1.171	1.269	1.660	1.367	1.464	1.367	1.464
119	1.269	1.269	1.562	1.464	1.367	1.464	1.269
120	1.464	1.171	1.562	1.660	1.367	1.562	1.171
121	1.660	1.269	1.660	1.855	1.269	1.660	1.171
122	1.757	1.367	1.660	1.855	1.171	1.660	1.074
123	1.855	1.562	1.660	1.952	1.171	1.757	1.074
124	1.855	1.660	1.562	1.952	1.269	1.757	1.074
125	1.952	1.757	1.464	1.952	1.269	1.757	1.171
126	1.952	1.855	1.464	2.050	1.367	1.855	1.171
127	2.050	2.050	1.562	2.050	1.660	1.855	1.269
128	2.050	2.050	1.757	2.148	1.855	1.855	1.464
129	1.952	2.148	1.757	2.050	2.050	1.855	1.660
130	1.757	2.245	1.855	2.050	2.148	1.757	1.952
131	1.757	2.245	1.952	2.148	2.148	1.855	1.952
132	1.757	2.245	2.050	2.050	2.245	1.855	1.952
133	1.757	2.245	2.245	2.050	2.148	1.855	2.148
134	1.855	2.148	2.440	2.050	2.148	1.952	2.245
135	1.855	2.343	2.538	2.050	2.148	2.050	2.343
136	1.952	2.245	2.636	2.050	2.148	1.952	2.440
137	2.050	2.245	2.636	2.050	2.245	1.952	2.343
138	2.245	2.245	2.733	2.148	2.538	1.952	2.245
139	2.440	2.245	2.831	2.245	2.636	2.245	2.148
140	2.733	2.245	2.831	2.440	2.538	2.440	2.050
141	2.831	2.245	2.929	2.636	2.538	2.440	2.148
142	2.831	2.343	2.929	2.733	2.636	2.733	2.245
143	2.831	2.440	2.831	2.733	2.636	2.831	2.245
144	2.831	2.636	2.831	2.831	2.636	2.929	2.343
145	2.733	2.831	2.831	3.026	2.538	3.026	2.440
146	2.831	2.831	2.733	3.026	2.538	3.026	2.440
147	2.929	3.124	2.636	3.221	2.636	3.026	2.538
148	2.831	3.221	2.733	3.221	2.636	3.026	2.636

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CANDELA TABULATION - (Cont.)

149	2.831	3.319	2.733	3.221	2.929	2.929	2.929
150	2.831	3.417	2.929	3.319	3.026	2.929	3.026
151	2.929	3.319	3.026	3.417	3.124	2.929	3.319
152	2.929	3.221	3.026	3.417	3.221	2.929	3.417
153	3.221	3.417	3.221	3.417	3.319	2.929	3.514
154	3.417	3.417	3.319	3.417	3.514	3.026	3.612
155	3.710	3.319	3.514	3.319	3.710	3.319	3.710
156	3.905	3.319	3.710	3.319	3.807	3.319	3.710
157	4.002	3.417	4.002	3.514	3.710	3.612	3.710
158	4.002	3.514	4.198	3.710	3.710	3.807	3.612
159	3.905	3.710	4.198	3.905	3.612	4.002	3.612
160	4.002	3.905	4.198	4.002	3.807	4.198	3.710
161	4.100	4.100	4.295	4.295	4.100	4.393	3.807
162	4.002	4.295	4.393	4.588	4.490	4.295	4.002
163	4.198	4.490	4.490	4.686	4.588	4.295	4.295
164	4.686	4.686	4.490	4.881	4.881	4.393	4.588
165	5.076	5.076	4.588	4.979	5.076	4.490	4.783
166	5.076	5.174	4.686	5.076	5.174	4.588	5.174
167	5.369	5.174	4.881	5.174	5.271	4.783	5.369
168	5.564	5.271	5.174	5.271	5.174	4.979	5.467
169	5.662	5.369	5.467	5.271	5.271	5.174	5.564
170	5.662	5.369	5.759	5.271	5.369	5.369	5.467
171	5.662	5.271	5.857	5.369	5.564	5.564	5.271
172	5.564	5.271	5.857	5.759	5.467	5.759	5.271
173	5.271	5.369	5.759	5.662	5.467	5.662	5.467
174	5.174	5.467	5.369	5.467	5.467	5.467	5.467
175	5.369	5.662	5.271	5.174	5.369	5.369	5.759
176	5.662	5.662	5.271	5.271	5.564	5.369	5.759
177	5.759	5.759	5.564	5.564	5.857	5.271	5.662
178	5.564	5.564	5.857	5.857	5.662	5.662	5.271
179	5.369	5.369	5.857	5.662	5.369	5.857	5.759
180	5.662	5.662	5.662	5.662	5.662	5.662	5.662

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	547.73	N.A.	12.00
0-30	1156.58	N.A.	25.40
0-40	1897.44	N.A.	41.70
0-60	3403.77	N.A.	74.80
0-80	4411.69	N.A.	97.00
0-90	4536.22	N.A.	99.70
10-90	4394.09	N.A.	96.60
20-40	1349.71	N.A.	29.70
20-50	2127.02	N.A.	46.80
40-70	2107.35	N.A.	46.30
60-80	1007.92	N.A.	22.20
70-80	406.90	N.A.	8.90
80-90	124.53	N.A.	2.70
90-110	3.79	N.A.	0.10
90-120	5.05	N.A.	0.10
90-130	6.54	N.A.	0.10
90-150	9.91	N.A.	0.20
90-180	13.36	N.A.	0.30
110-180	9.57	N.A.	0.20
0-180	4549.58	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.13
10-20	405.60
20-30	608.85
30-40	740.86
40-50	777.31
50-60	729.01
60-70	601.03
70-80	406.90
80-90	124.53
90-100	2.27
100-110	1.52
110-120	1.26
120-130	1.50
130-140	1.62
140-150	1.74
150-160	1.59
160-170	1.33
170-180	0.52

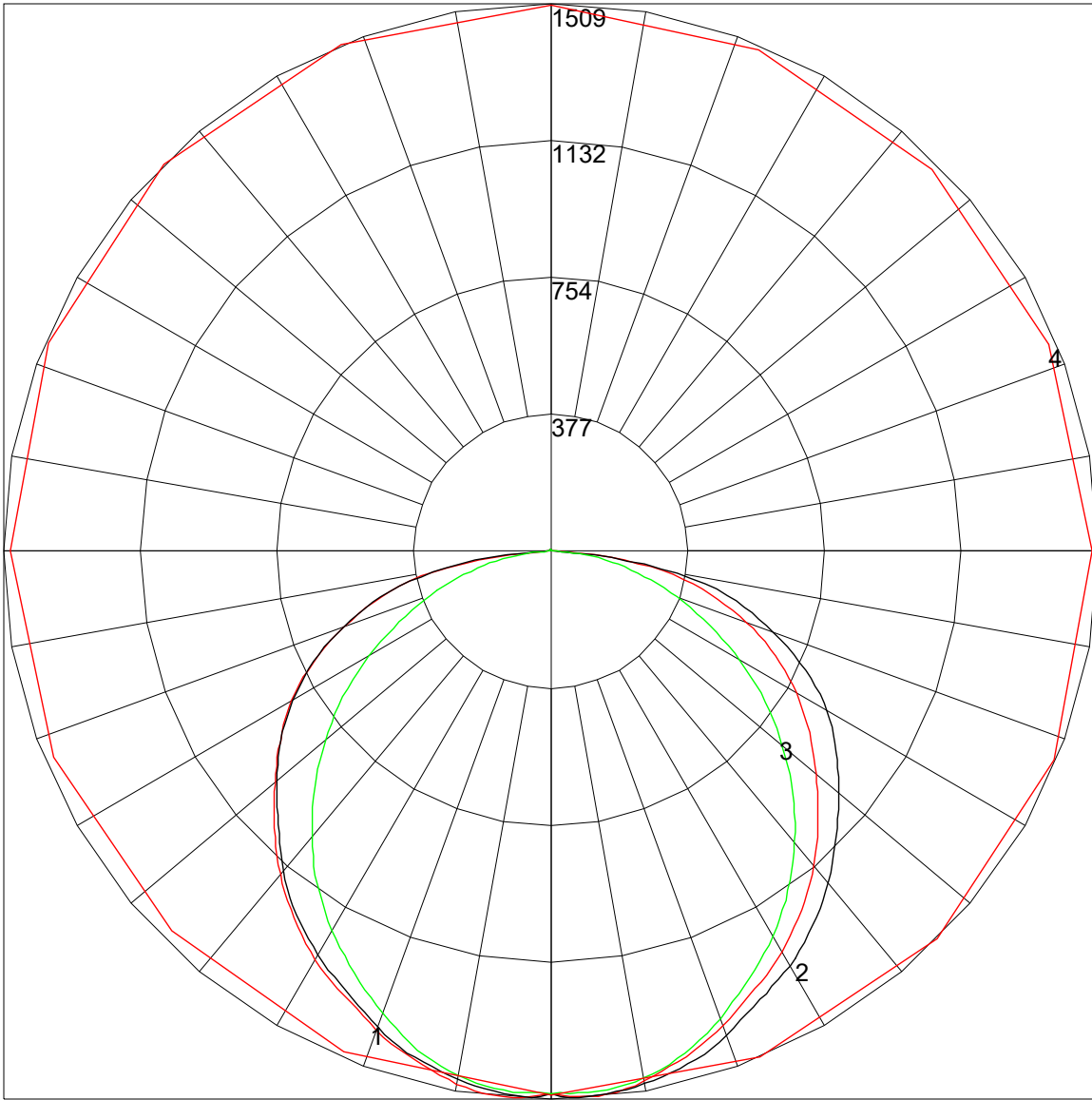
IES INDOOR REPORT
PHOTOMETRIC FILENAME : R1LA22H-50-35W.IES

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	103	98	94	105	100	96	92	96	93	89	92	89	87	88	86	84	82
2	98	89	82	75	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56
4	81	68	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47
5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	49	42	38	36
7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31
8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

POLAR GRAPH



Maximum Candela = 1508.792 Located At Horizontal Angle = 112.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Vertical Plane Through Horizontal Angles (0 - 180)
4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)