



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L8-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-4-L8-850-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3392
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	27.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19808	17086	15585
55	17657	15015	13745
65	15566	13235	12184
75	12839	11268	10501
85	9685	9037	8707

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1502.832	1502.832	1502.832	1502.832	1502.832
0.5	1529.327	1504.064	1495.438	1499.135	1491.741
1.0	1529.327	1503.448	1495.438	1499.135	1491.124
1.5	1528.711	1503.448	1494.821	1498.518	1490.508
2.0	1528.094	1502.215	1493.589	1497.902	1488.660
2.5	1527.478	1500.983	1492.973	1496.054	1487.427
3.0	1526.246	1499.751	1491.124	1494.821	1484.963
3.5	1525.014	1498.518	1489.276	1492.357	1482.498
4.0	1523.781	1497.286	1487.427	1490.508	1480.650
4.5	1522.549	1495.438	1485.579	1488.044	1477.569
5.0	1521.317	1493.589	1482.498	1484.963	1474.488
5.5	1518.852	1491.124	1480.033	1481.266	1470.175
6.0	1517.003	1488.660	1476.953	1478.185	1466.478
6.5	1515.155	1486.811	1473.872	1473.872	1462.165
7.0	1512.690	1483.730	1470.791	1469.559	1457.851
7.5	1510.226	1481.266	1467.094	1465.245	1452.922
8.0	1507.761	1477.569	1463.397	1460.316	1448.609
8.5	1504.680	1474.488	1459.084	1455.387	1443.063
9.0	1501.599	1471.407	1454.771	1449.841	1437.518
9.5	1498.518	1467.710	1449.841	1443.680	1431.356
10.0	1495.438	1464.013	1444.912	1438.134	1425.811
10.5	1491.741	1460.316	1439.983	1431.972	1418.417
11.0	1488.044	1456.003	1434.437	1425.811	1411.639
11.5	1483.730	1451.690	1428.892	1419.033	1404.861
12.0	1479.417	1446.760	1422.730	1412.255	1397.467
12.5	1475.720	1441.831	1416.568	1404.861	1389.457
13.0	1470.791	1436.902	1410.407	1397.467	1382.063
13.5	1465.862	1431.356	1403.629	1389.457	1374.053
14.0	1461.548	1425.811	1397.467	1382.063	1366.043
14.5	1456.003	1420.265	1390.073	1374.053	1357.416
15.0	1451.074	1414.720	1383.295	1365.426	1349.406
15.5	1445.528	1408.558	1375.285	1356.800	1340.164
16.0	1441.215	1403.013	1367.891	1348.174	1330.921
16.5	1436.902	1396.851	1359.881	1338.931	1321.678
17.0	1431.356	1390.689	1351.871	1329.689	1312.436
17.5	1423.346	1384.528	1343.861	1320.446	1302.577
18.0	1415.952	1378.982	1335.850	1310.587	1292.102
18.5	1408.558	1371.588	1327.224	1300.729	1281.628
19.0	1402.396	1363.578	1318.598	1290.254	1271.153
19.5	1395.619	1355.568	1309.971	1279.779	1260.062
20.0	1388.841	1347.558	1300.729	1269.920	1248.355
20.5	1381.447	1339.547	1292.102	1259.446	1237.264
21.0	1374.053	1332.153	1282.860	1248.355	1225.556
21.5	1366.659	1324.143	1273.617	1237.880	1214.465
22.0	1358.649	1315.517	1263.759	1226.789	1202.758
22.5	1351.255	1307.507	1254.516	1215.082	1191.667
23.0	1342.628	1298.880	1245.890	1203.991	1180.576
23.5	1334.618	1289.638	1236.031	1192.900	1168.869
24.0	1325.992	1281.011	1224.940	1181.809	1157.778
24.5	1317.365	1271.769	1214.465	1170.718	1146.071
25.0	1308.739	1263.143	1203.374	1159.010	1134.364
25.5	1300.113	1253.284	1192.900	1147.919	1122.657
26.0	1290.870	1244.041	1181.809	1136.212	1111.565
26.5	1282.244	1234.183	1171.334	1125.121	1100.474

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CANDELA TABULATION - (Cont.)

27.0	1272.385	1224.940	1160.243	1114.030	1088.767
27.5	1263.143	1214.465	1149.768	1102.939	1076.444
28.0	1253.900	1204.607	1138.677	1091.848	1065.353
28.5	1244.658	1194.748	1127.586	1080.141	1054.262
29.0	1234.799	1184.273	1117.111	1068.434	1043.171
29.5	1224.324	1173.798	1106.020	1056.727	1032.080
30.0	1214.465	1163.324	1094.929	1045.636	1020.373
30.5	1203.991	1153.465	1084.454	1034.545	1008.666
31.0	1193.516	1142.990	1073.363	1022.837	996.958
31.5	1182.425	1131.899	1061.656	1011.130	985.867
32.0	1171.950	1121.424	1050.565	999.423	974.160
32.5	1160.859	1110.333	1039.474	987.716	962.453
33.0	1150.384	1099.242	1027.767	976.009	950.746
33.5	1139.293	1088.151	1016.676	964.918	939.039
34.0	1128.202	1077.060	1005.585	953.211	927.332
34.5	1117.727	1065.353	993.261	941.503	915.624
35.0	1106.636	1054.262	982.170	929.180	903.917
35.5	1095.545	1042.555	970.463	917.473	892.826
36.0	1083.838	1031.464	959.372	906.382	881.119
36.5	1072.747	1019.757	947.665	894.675	870.028
37.0	1061.656	1008.049	935.958	882.351	858.321
37.5	1049.949	996.342	924.251	871.260	847.846
38.0	1038.858	984.635	912.544	859.553	836.139
38.5	1027.151	972.928	901.453	848.462	825.048
39.0	1015.443	961.221	889.129	836.755	813.957
39.5	1003.736	949.514	877.422	825.664	802.866
40.0	991.413	937.806	865.715	813.957	791.775
40.5	979.090	926.099	854.008	803.482	781.300
41.0	967.382	914.392	842.300	792.391	769.593
41.5	955.059	902.069	830.593	781.300	758.502
42.0	942.736	890.362	819.502	769.593	748.027
42.5	931.029	878.038	807.795	758.502	736.936
43.0	918.705	866.331	796.704	748.027	726.461
43.5	906.382	854.008	784.381	737.552	715.986
44.0	894.059	842.300	773.290	726.461	705.511
44.5	881.735	830.593	761.583	715.370	695.037
45.0	870.028	818.270	750.492	704.895	684.562
45.5	857.705	806.563	739.401	694.420	674.087
46.0	845.381	794.856	728.310	683.946	664.228
46.5	833.674	782.532	716.602	673.471	653.753
47.0	821.351	770.825	705.511	662.996	643.895
47.5	809.644	759.118	695.037	651.905	634.036
48.0	797.320	747.411	683.946	642.046	623.561
48.5	784.997	735.704	673.471	631.571	614.072
49.0	773.290	723.380	661.763	621.713	604.152
49.5	760.966	711.673	651.289	611.176	594.232
50.0	749.259	700.582	640.198	600.886	584.311
50.5	736.936	688.875	629.723	591.151	574.884
51.0	725.229	677.168	618.632	581.600	565.518
51.5	712.905	665.460	608.219	571.865	555.290
52.0	701.198	654.369	597.374	561.821	545.678
52.5	688.875	642.662	586.653	551.778	536.435
53.0	677.168	631.571	576.055	541.857	526.576
53.5	664.844	620.480	565.950	532.553	517.642
54.0	653.137	608.835	555.721	523.372	508.215
54.5	641.430	597.436	545.308	513.945	498.972

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CANDELA TABULATION - (Cont.)

55.0	629.107	586.283	534.956	504.210	489.730
55.5	617.399	575.254	524.913	494.351	480.302
56.0	605.631	564.286	515.116	484.862	471.368
56.5	594.108	553.441	505.134	475.927	462.495
57.0	582.524	542.474	495.275	467.116	453.992
57.5	571.187	531.752	485.725	457.812	445.181
58.0	559.911	521.216	475.989	448.323	436.123
58.5	549.005	510.679	466.069	439.019	427.312
59.0	537.852	500.451	456.210	430.023	419.055
59.5	526.885	490.223	446.598	421.212	410.552
60.0	515.855	480.117	437.355	412.647	401.803
60.5	505.134	470.012	428.236	404.021	393.238
61.0	494.474	459.846	418.994	395.210	384.981
61.5	483.753	449.679	409.381	386.337	376.478
62.0	473.032	439.820	400.016	377.587	367.975
62.5	462.372	430.085	391.143	369.146	359.718
63.0	451.651	420.164	382.640	360.889	351.647
63.5	440.868	410.306	374.137	353.125	343.575
64.0	430.146	400.385	365.387	345.362	335.503
64.5	419.425	390.527	356.329	336.982	327.616
65.0	408.642	380.791	347.457	328.232	319.852
65.5	397.921	370.994	339.077	320.345	312.212
66.0	387.261	361.197	330.882	313.259	304.879
66.5	376.540	351.462	322.563	305.989	297.424
67.0	365.880	341.850	313.876	298.102	289.783
67.5	355.282	332.299	305.126	289.599	282.020
68.0	344.684	322.625	296.376	280.849	274.071
68.5	334.209	313.013	287.688	272.716	266.184
69.0	323.857	303.401	279.432	265.137	258.544
69.5	313.506	294.035	271.298	257.619	250.842
70.0	303.216	284.669	262.672	249.363	242.708
70.5	293.111	275.242	253.861	240.490	234.636
71.0	282.944	265.814	245.173	231.987	226.688
71.5	272.962	256.510	236.670	224.346	218.986
72.0	263.042	247.514	228.536	217.261	211.530
72.5	253.245	238.642	220.711	209.928	204.383
73.0	243.632	229.830	212.763	202.103	197.112
73.5	234.082	220.958	204.567	194.277	189.595
74.0	224.716	212.208	196.372	186.760	182.447
74.5	215.474	203.643	188.609	179.674	175.731
75.0	206.416	195.325	181.153	172.712	168.830
75.5	197.482	187.068	173.821	165.687	161.744
76.0	188.670	178.873	166.304	158.725	155.028
76.5	179.982	170.617	158.848	151.577	148.435
77.0	171.356	162.545	151.331	144.553	141.595
77.5	162.915	154.596	144.183	137.652	134.633
78.0	154.473	146.709	137.220	130.936	128.040
78.5	146.155	138.946	130.258	124.281	121.755
79.0	138.083	131.367	123.295	117.750	115.531
79.5	130.073	123.911	116.456	111.341	109.370
80.0	122.248	116.579	109.801	104.933	103.146
80.5	114.484	109.370	103.208	98.587	96.800
81.0	106.967	102.284	96.553	92.363	90.577
81.5	99.634	95.383	90.145	86.325	84.661
82.0	92.425	88.728	84.045	80.533	78.993
82.5	85.401	82.197	78.007	74.926	73.509

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CANDELA TABULATION - (Cont.)

83.0	78.500	75.727	72.092	69.257	68.148
83.5	71.722	69.319	66.115	63.650	62.787
84.0	65.129	63.157	60.138	58.105	57.304
84.5	58.721	57.119	54.346	52.682	52.005
85.0	52.436	51.203	48.924	47.445	47.137
85.5	46.274	45.350	43.625	42.516	42.577
86.0	40.297	39.558	38.449	37.956	37.956
86.5	34.505	34.012	33.273	33.150	33.273
87.0	28.837	28.652	28.220	28.220	28.405
87.5	23.414	23.230	23.291	23.599	23.722
88.0	18.177	18.300	18.855	19.286	19.471
88.5	13.309	13.741	14.788	14.911	15.034
89.0	8.996	9.674	10.290	9.304	9.243
89.5	6.223	6.408	4.806	4.560	5.053
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-4-L8-850-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-4-L8-850-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-4-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	532.12	N.A.	15.70
0-30	1089.39	N.A.	32.10
0-40	1709.83	N.A.	50.40
0-60	2787.83	N.A.	82.20
0-80	3335.95	N.A.	98.30
0-90	3392.09	N.A.	100.00
10-90	3251.1	N.A.	95.80
20-40	1177.71	N.A.	34.70
20-50	1766.46	N.A.	52.10
40-70	1430.23	N.A.	42.20
60-80	548.12	N.A.	16.20
70-80	195.89	N.A.	5.80
80-90	56.14	N.A.	1.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3392.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	140.99
10-20	391.13
20-30	557.28
30-40	620.43
40-50	588.75
50-60	489.26
60-70	352.23
70-80	195.89
80-90	56.14
90-100	0.00
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 : LRX2-4-L8-850-DMA-DIM-UNV_.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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-4-L8-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.8
	3H	23.4	24.9	23.8	25.2	25.5	22.2	23.6	22.6	24.0	24.3
	4H	24.1	25.4	24.5	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.7	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.2	26.7	23.6	24.7	24.0	25.1	25.5

UGR Viewed Endwise

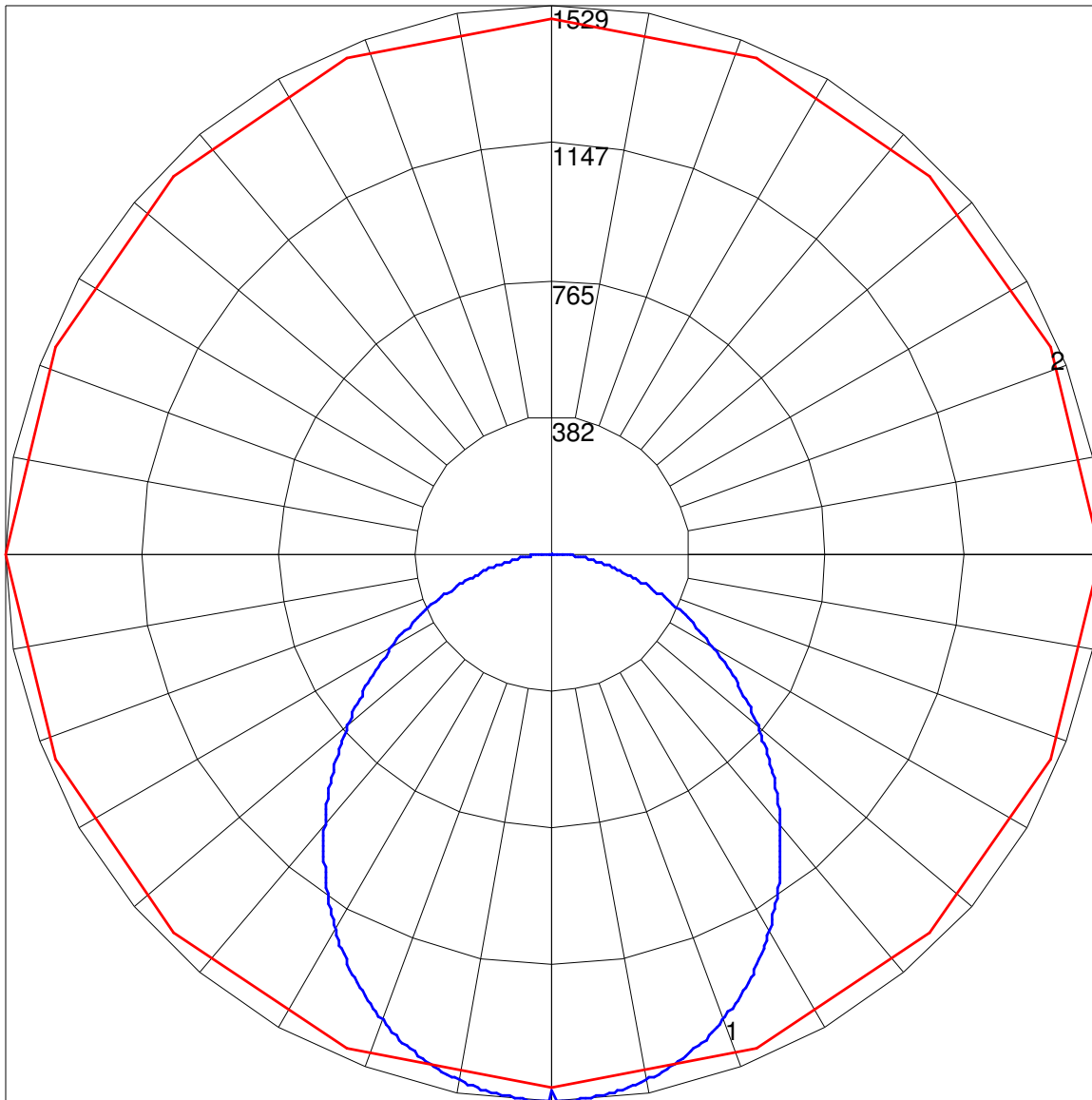
4H	2H	22.2	23.5	22.6	23.8	24.2	21.2	22.6	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.8	24.8	24.3	25.3	25.7
	6H	25.5	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.7	26.2
	8H	25.6	26.5	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.4
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.5

8H	4H	25.1	25.9	25.5	26.3	26.8	24.2	25.0	24.6	25.4	25.9
	6H	25.8	26.5	26.3	26.9	27.4	24.9	25.6	25.4	26.0	26.5
	8H	26.0	26.6	26.5	27.2	27.6	25.1	25.8	25.6	26.3	26.7
	12H	26.3	26.8	26.8	27.3	27.8	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	24.9	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 1529.327 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)