



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-850-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] LRX2-8-L4-850-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	3434
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	28.8
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)	8.00 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	10028	8650	7890
55	8939	7601	6959
65	7880	6700	6168
75	6500	5704	5316
85	4903	4575	4408

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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	1521.617	1521.617	1521.617	1521.617	1521.617
0.5	1548.443	1522.865	1514.131	1517.874	1510.387
1.0	1548.443	1522.241	1514.131	1517.874	1509.763
1.5	1547.819	1522.241	1513.507	1517.250	1509.140
2.0	1547.196	1520.993	1512.259	1516.626	1507.268
2.5	1546.572	1519.745	1511.635	1514.754	1506.020
3.0	1545.324	1518.498	1509.763	1513.507	1503.525
3.5	1544.076	1517.250	1507.892	1511.011	1501.029
4.0	1542.828	1516.002	1506.020	1509.140	1499.158
4.5	1541.581	1514.131	1504.149	1506.644	1496.038
5.0	1540.333	1512.259	1501.029	1503.525	1492.919
5.5	1537.838	1509.763	1498.534	1499.782	1488.552
6.0	1535.966	1507.268	1495.414	1496.662	1484.809
6.5	1534.094	1505.396	1492.295	1492.295	1480.442
7.0	1531.599	1502.277	1489.176	1487.928	1476.074
7.5	1529.103	1499.782	1485.433	1483.561	1471.084
8.0	1526.608	1496.038	1481.689	1478.570	1466.716
8.5	1523.489	1492.919	1477.322	1473.579	1461.102
9.0	1520.369	1489.800	1472.955	1467.964	1455.487
9.5	1517.250	1486.056	1467.964	1461.725	1449.248
10.0	1514.131	1482.313	1462.973	1456.111	1443.633
10.5	1510.387	1478.570	1457.982	1449.872	1436.147
11.0	1506.644	1474.203	1452.367	1443.633	1429.284
11.5	1502.277	1469.836	1446.753	1436.771	1422.422
12.0	1497.910	1464.845	1440.514	1429.908	1414.935
12.5	1494.167	1459.854	1434.275	1422.422	1406.825
13.0	1489.176	1454.863	1428.037	1414.935	1399.339
13.5	1484.185	1449.248	1421.174	1406.825	1391.228
14.0	1479.818	1443.633	1414.935	1399.339	1383.118
14.5	1474.203	1438.018	1407.449	1391.228	1374.384
15.0	1469.212	1432.404	1400.586	1382.494	1366.274
15.5	1463.597	1426.165	1392.476	1373.760	1356.915
16.0	1459.230	1420.550	1384.990	1365.026	1347.557
16.5	1454.863	1414.311	1376.879	1355.668	1338.199
17.0	1449.248	1408.073	1368.769	1346.310	1328.841
17.5	1441.138	1401.834	1360.659	1336.952	1318.859
18.0	1433.651	1396.219	1352.548	1326.970	1308.254
18.5	1426.165	1388.733	1343.814	1316.988	1297.648
19.0	1419.926	1380.622	1335.080	1306.382	1287.042
19.5	1413.064	1372.512	1326.346	1295.776	1275.812
20.0	1406.201	1364.402	1316.988	1285.794	1263.959
20.5	1398.715	1356.292	1308.254	1275.189	1252.729
21.0	1391.228	1348.805	1298.896	1263.959	1240.876
21.5	1383.742	1340.695	1289.538	1253.353	1229.646
22.0	1375.632	1331.961	1279.556	1242.124	1217.793
22.5	1368.145	1323.850	1270.198	1230.270	1206.563
23.0	1359.411	1315.116	1261.463	1219.040	1195.333
23.5	1351.301	1305.758	1251.482	1207.811	1183.480
24.0	1342.566	1297.024	1240.252	1196.581	1172.250
24.5	1333.832	1287.666	1229.646	1185.351	1160.397
25.0	1325.098	1278.932	1218.417	1173.498	1148.543
25.5	1316.364	1268.950	1207.811	1162.268	1136.690
26.0	1307.006	1259.592	1196.581	1150.415	1125.460
26.5	1298.272	1249.610	1185.975	1139.185	1114.230

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CANDELA TABULATION - (Cont.)

27.0	1288.290	1240.252	1174.746	1127.955	1102.377
27.5	1278.932	1229.646	1164.140	1116.726	1089.899
28.0	1269.574	1219.664	1152.910	1105.496	1078.670
28.5	1260.216	1209.682	1141.681	1093.643	1067.440
29.0	1250.234	1199.077	1131.075	1081.789	1056.211
29.5	1239.628	1188.471	1119.845	1069.936	1044.981
30.0	1229.646	1177.865	1108.616	1058.706	1033.127
30.5	1219.040	1167.883	1098.010	1047.476	1021.274
31.0	1208.435	1157.277	1086.780	1035.623	1009.420
31.5	1197.205	1146.048	1074.927	1023.769	998.191
32.0	1186.599	1135.442	1063.697	1011.916	986.337
32.5	1175.370	1124.212	1052.467	1000.062	974.484
33.0	1164.764	1112.983	1040.614	988.209	962.630
33.5	1153.534	1101.753	1029.384	976.979	950.777
34.0	1142.304	1090.523	1018.155	965.126	938.923
34.5	1131.699	1078.670	1005.677	953.272	927.070
35.0	1120.469	1067.440	994.447	940.795	915.216
35.5	1109.239	1055.587	982.594	928.941	903.986
36.0	1097.386	1044.357	971.364	917.712	892.133
36.5	1086.156	1032.503	959.511	905.858	880.903
37.0	1074.927	1020.650	947.657	893.381	869.050
37.5	1063.073	1008.796	935.804	882.151	858.444
38.0	1051.843	996.943	923.950	870.298	846.590
38.5	1039.990	985.089	912.721	859.068	835.361
39.0	1028.136	973.236	900.243	847.214	824.131
39.5	1016.283	961.382	888.390	835.985	812.902
40.0	1003.806	949.529	876.536	824.131	801.672
40.5	991.328	937.675	864.683	813.525	791.066
41.0	979.475	925.822	852.829	802.296	779.213
41.5	966.997	913.344	840.976	791.066	767.983
42.0	954.520	901.491	829.746	779.213	757.377
42.5	942.666	889.014	817.892	767.983	746.148
43.0	930.189	877.160	806.663	757.377	735.542
43.5	917.712	864.683	794.185	746.771	724.936
44.0	905.234	852.829	782.956	735.542	714.330
44.5	892.757	840.976	771.102	724.312	703.724
45.0	880.903	828.498	759.873	713.706	693.119
45.5	868.426	816.645	748.643	703.101	682.513
46.0	855.949	804.791	737.413	692.495	672.531
46.5	844.095	792.314	725.560	681.889	661.925
47.0	831.618	780.460	714.330	671.283	651.943
47.5	819.764	768.607	703.724	660.054	641.961
48.0	807.287	756.753	692.495	650.072	631.356
48.5	794.809	744.900	681.889	639.466	621.748
49.0	782.956	732.422	670.036	629.484	611.704
49.5	770.478	720.569	659.430	618.816	601.659
50.0	758.625	709.339	648.200	608.397	591.615
50.5	746.148	697.486	637.594	598.540	582.070
51.0	734.294	685.632	626.365	588.870	572.587
51.5	721.817	673.779	615.821	579.013	562.231
52.0	709.963	662.549	604.841	568.844	552.499
52.5	697.486	650.696	593.986	558.675	543.141
53.0	685.632	639.466	583.255	548.631	533.159
53.5	673.155	628.236	573.024	539.210	524.112
54.0	661.301	616.445	562.668	529.914	514.567
54.5	649.448	604.904	552.124	520.369	505.209

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CANDELA TABULATION - (Cont.)

55.0	636.970	593.612	541.643	510.512	495.851
55.5	625.117	582.444	531.474	500.530	486.306
56.0	613.201	571.339	521.555	490.923	477.260
56.5	601.535	560.359	511.448	481.877	468.276
57.0	589.806	549.254	501.466	472.955	459.667
57.5	578.327	538.399	491.796	463.535	450.745
58.0	566.910	527.731	481.939	453.927	441.575
58.5	555.867	517.063	471.895	444.507	432.653
59.0	544.575	506.707	461.913	435.398	424.293
59.5	533.471	496.350	452.180	426.477	415.684
60.0	522.303	486.119	442.822	417.805	406.825
60.5	511.448	475.887	433.589	409.071	398.153
61.0	500.655	465.594	424.231	400.150	389.793
61.5	489.800	455.300	414.499	391.166	381.184
62.0	478.944	445.318	405.016	382.307	372.575
62.5	468.151	435.461	396.032	373.760	364.215
63.0	457.296	425.416	387.423	365.400	356.042
63.5	446.378	415.434	378.813	357.539	347.869
64.0	435.523	405.390	369.954	349.679	339.697
64.5	424.668	395.408	360.784	341.194	331.711
65.0	413.750	385.551	351.800	332.335	323.850
65.5	402.895	375.632	343.315	324.350	316.115
66.0	392.102	365.712	335.018	317.175	308.690
66.5	381.246	355.855	326.596	309.813	301.142
67.0	370.454	346.123	317.799	301.828	293.406
67.5	359.723	336.453	308.940	293.219	285.545
68.0	348.992	326.658	300.081	284.360	277.497
68.5	338.387	316.926	291.285	276.124	269.511
69.0	327.906	307.193	282.925	268.451	261.776
69.5	317.425	297.710	274.690	260.840	253.977
70.0	307.006	288.228	265.955	252.480	245.742
70.5	296.775	278.682	257.034	243.496	237.569
71.0	286.481	269.137	248.238	234.887	229.521
71.5	276.374	259.717	239.628	227.151	221.723
72.0	266.330	250.608	231.393	219.976	214.174
72.5	256.410	241.625	223.470	212.552	206.937
73.0	246.678	232.703	215.422	204.629	199.576
73.5	237.008	223.719	207.125	196.706	191.965
74.0	227.525	214.861	198.827	189.095	184.728
74.5	218.167	206.189	190.966	181.920	177.927
75.0	208.996	197.767	183.418	174.871	170.940
75.5	199.950	189.407	175.993	167.758	163.766
76.0	191.029	181.109	168.382	160.709	156.965
76.5	182.232	172.749	160.833	153.472	150.290
77.0	173.498	164.577	153.222	146.360	143.365
77.5	164.951	156.529	145.985	139.372	136.315
78.0	156.404	148.543	138.936	132.572	129.640
78.5	147.982	140.683	131.886	125.834	123.277
79.0	139.809	133.009	124.836	119.221	116.975
79.5	131.699	125.460	117.911	112.733	110.737
80.0	123.776	118.036	111.173	106.245	104.436
80.5	115.915	110.737	104.498	99.819	98.010
81.0	108.304	103.562	97.760	93.518	91.709
81.5	100.880	96.575	91.272	87.404	85.720
82.0	93.580	89.837	85.096	81.540	79.980
82.5	86.468	83.224	78.982	75.862	74.428

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CANDELA TABULATION - (Cont.)

83.0	79.481	76.674	72.993	70.123	69.000
83.5	72.618	70.185	66.941	64.446	63.572
84.0	65.943	63.947	60.890	58.831	58.020
84.5	59.455	57.833	55.025	53.341	52.655
85.0	53.091	51.844	49.535	48.038	47.726
85.5	46.853	45.917	44.170	43.047	43.109
86.0	40.801	40.052	38.929	38.430	38.430
86.5	34.937	34.438	33.689	33.564	33.689
87.0	29.197	29.010	28.573	28.573	28.760
87.5	23.707	23.520	23.582	23.894	24.019
88.0	18.404	18.529	19.090	19.527	19.714
88.5	13.476	13.912	14.973	15.098	15.222
89.0	9.108	9.795	10.419	9.420	9.358
89.5	6.301	6.488	4.866	4.617	5.116
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 : LRX2-8-L4-850-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 : LRX2-8-L4-850-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 : LRX2-8-L4-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	538.77	N.A.	15.70
0-30	1103.01	N.A.	32.10
0-40	1731.2	N.A.	50.40
0-60	2822.68	N.A.	82.20
0-80	3377.65	N.A.	98.30
0-90	3434.49	N.A.	100.00
10-90	3291.74	N.A.	95.80
20-40	1192.43	N.A.	34.70
20-50	1788.54	N.A.	52.10
40-70	1448.11	N.A.	42.20
60-80	554.97	N.A.	16.20
70-80	198.34	N.A.	5.80
80-90	56.85	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	3434.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	142.75
10-20	396.02
20-30	564.24
30-40	628.19
40-50	596.11
50-60	495.37
60-70	356.63
70-80	198.34
80-90	56.85
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 : LRX2-8-L4-850-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 : LRX2-8-L4-850-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

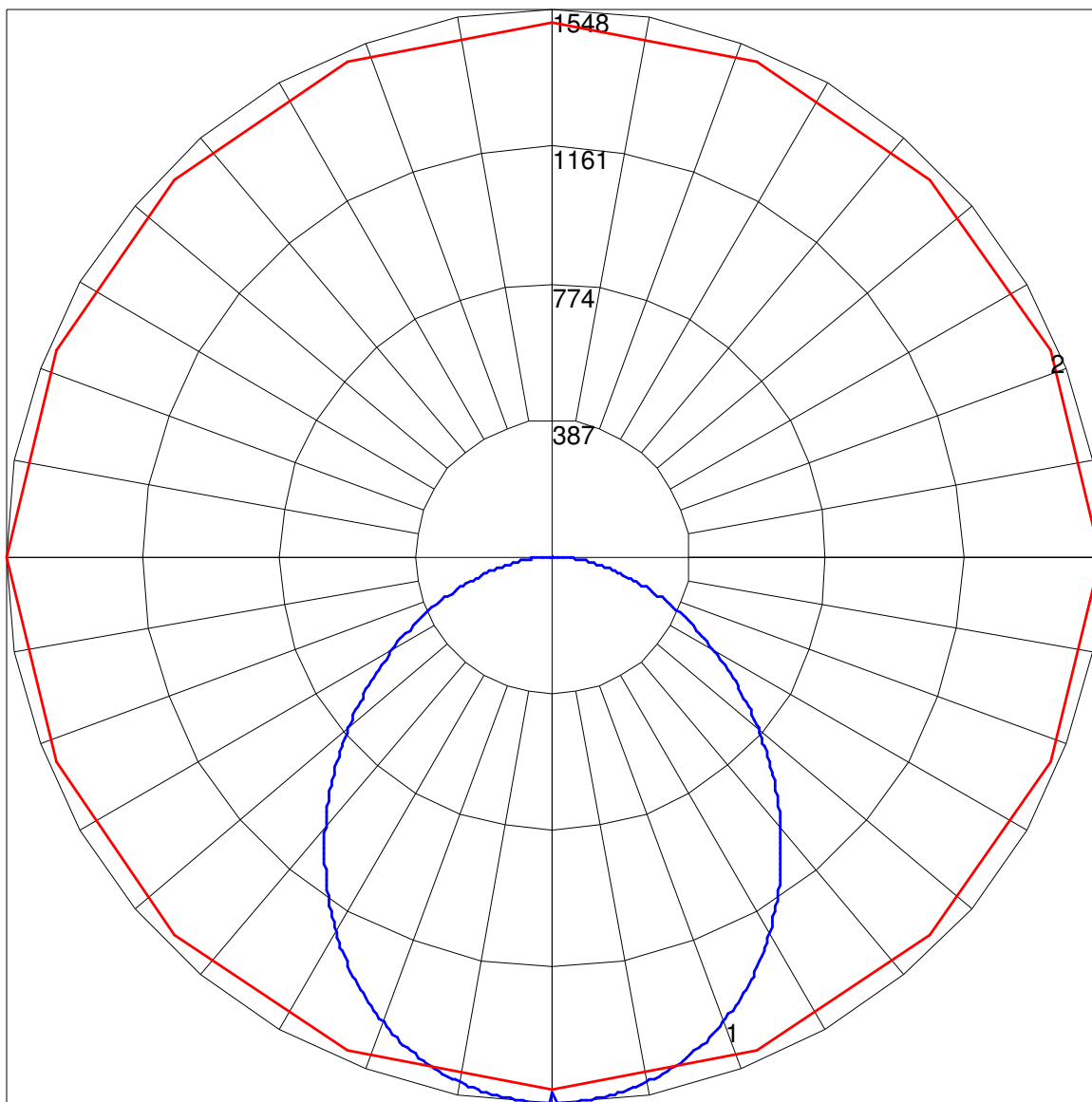
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.4	21.0	19.8	21.3	21.6	18.3	19.8	18.6	20.1	20.4
	3H	21.1	22.6	21.5	22.9	23.2	19.9	21.3	20.3	21.7	22.0
	4H	21.7	23.1	22.1	23.4	23.8	20.5	21.9	20.9	22.2	22.6
	6H	22.2	23.4	22.6	23.8	24.2	21.0	22.2	21.4	22.6	23.0
	8H	22.3	23.5	22.8	23.9	24.3	21.1	22.3	21.6	22.7	23.1
	12H	22.4	23.6	22.9	23.9	24.4	21.2	22.4	21.7	22.8	23.2
4H	2H	19.9	21.2	20.3	21.5	21.9	18.9	20.2	19.3	20.6	21.0
	3H	21.8	22.9	22.2	23.3	23.7	20.8	21.9	21.2	22.3	22.7
	4H	22.6	23.6	23.0	24.0	24.4	21.5	22.5	22.0	23.0	23.4
	6H	23.1	24.0	23.6	24.5	24.9	22.1	23.0	22.6	23.4	23.9
	8H	23.3	24.1	23.8	24.6	25.1	22.3	23.1	22.8	23.6	24.0
	12H	23.5	24.2	24.0	24.7	25.2	22.5	23.2	23.0	23.7	24.1
8H	4H	22.8	23.6	23.2	24.0	24.5	21.9	22.7	22.3	23.1	23.6
	6H	23.5	24.1	24.0	24.6	25.1	22.6	23.2	23.1	23.7	24.2
	8H	23.7	24.3	24.2	24.8	25.3	22.8	23.4	23.3	24.0	24.4
	12H	24.0	24.5	24.5	25.0	25.5	23.1	23.6	23.6	24.1	24.7
12H	4H	22.8	23.5	23.3	24.0	24.5	21.9	22.6	22.4	23.1	23.6
	6H	23.5	24.1	24.0	24.6	25.1	22.6	23.3	23.2	23.7	24.3
	8H	23.8	24.4	24.3	24.9	25.4	23.0	23.5	23.5	24.0	24.6

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 1548.443 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.)