



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-950-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-L10-950-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	3585
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	36.4
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	20934	18058	16472
55	18661	15869	14527
65	16452	13988	12877
75	13569	11909	11098
85	10236	9551	9202

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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	1588.305	1588.305	1588.305	1588.305	1588.305
0.5	1616.307	1589.608	1580.491	1584.398	1576.583
1.0	1616.307	1588.956	1580.491	1584.398	1575.932
1.5	1615.656	1588.956	1579.839	1583.747	1575.281
2.0	1615.005	1587.654	1578.537	1583.095	1573.327
2.5	1614.354	1586.352	1577.886	1581.142	1572.025
3.0	1613.051	1585.049	1575.932	1579.839	1569.420
3.5	1611.749	1583.747	1573.978	1577.235	1566.815
4.0	1610.446	1582.444	1572.025	1575.281	1564.862
4.5	1609.144	1580.491	1570.071	1572.676	1561.605
5.0	1607.841	1578.537	1566.815	1569.420	1558.349
5.5	1605.237	1575.932	1564.210	1565.513	1553.791
6.0	1603.283	1573.327	1560.954	1562.257	1549.884
6.5	1601.329	1571.374	1557.698	1557.698	1545.325
7.0	1598.725	1568.118	1554.442	1553.140	1540.767
7.5	1596.120	1565.513	1550.535	1548.581	1535.557
8.0	1593.515	1561.605	1546.628	1543.372	1530.999
8.5	1590.259	1558.349	1542.069	1538.162	1525.138
9.0	1587.003	1555.093	1537.511	1532.301	1519.277
9.5	1583.747	1551.186	1532.301	1525.789	1512.765
10.0	1580.491	1547.279	1527.091	1519.928	1506.904
10.5	1576.583	1543.372	1521.882	1513.416	1499.089
11.0	1572.676	1538.813	1516.021	1506.904	1491.926
11.5	1568.118	1534.255	1510.160	1499.740	1484.762
12.0	1563.559	1529.045	1503.648	1492.577	1476.948
12.5	1559.652	1523.835	1497.136	1484.762	1468.482
13.0	1554.442	1518.625	1490.623	1476.948	1460.668
13.5	1549.232	1512.765	1483.460	1468.482	1452.202
14.0	1544.674	1506.904	1476.948	1460.668	1443.736
14.5	1538.813	1501.043	1469.133	1452.202	1434.619
15.0	1533.603	1495.182	1461.970	1443.085	1426.153
15.5	1527.742	1488.670	1453.504	1433.968	1416.385
16.0	1523.184	1482.809	1445.690	1424.851	1406.617
16.5	1518.625	1476.297	1437.224	1415.083	1396.849
17.0	1512.765	1469.785	1428.758	1405.315	1387.081
17.5	1504.299	1463.273	1420.293	1395.547	1376.661
18.0	1496.484	1457.412	1411.827	1385.127	1365.591
18.5	1488.670	1449.597	1402.710	1374.708	1354.520
19.0	1482.158	1441.131	1393.593	1363.637	1343.450
19.5	1474.994	1432.666	1384.476	1352.567	1331.728
20.0	1467.831	1424.200	1374.708	1342.147	1319.355
20.5	1460.016	1415.734	1365.591	1331.077	1307.633
21.0	1452.202	1407.920	1355.823	1319.355	1295.260
21.5	1444.387	1399.454	1346.054	1308.284	1283.538
22.0	1435.922	1390.337	1335.635	1296.562	1271.165
22.5	1428.107	1381.871	1325.867	1284.189	1259.443
23.0	1418.990	1372.754	1316.750	1272.468	1247.721
23.5	1410.524	1362.986	1306.331	1260.746	1235.348
24.0	1401.407	1353.869	1294.609	1249.024	1223.627
24.5	1392.290	1344.101	1283.538	1237.302	1211.254
25.0	1383.173	1334.984	1271.816	1224.929	1198.881
25.5	1374.057	1324.564	1260.746	1213.207	1186.508
26.0	1364.288	1314.796	1249.024	1200.834	1174.786
26.5	1355.171	1304.377	1237.953	1189.112	1163.064

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CANDELA TABULATION - (Cont.)

27.0	1344.752	1294.609	1226.231	1177.391	1150.691
27.5	1334.984	1283.538	1215.161	1165.669	1137.667
28.0	1325.216	1273.119	1203.439	1153.947	1125.945
28.5	1315.447	1262.699	1191.717	1141.574	1114.223
29.0	1305.028	1251.629	1180.647	1129.201	1102.501
29.5	1293.957	1240.558	1168.925	1116.828	1090.779
30.0	1283.538	1229.488	1157.203	1105.106	1078.406
30.5	1272.468	1219.068	1146.132	1093.384	1066.033
31.0	1261.397	1207.998	1134.411	1081.011	1053.660
31.5	1249.675	1196.276	1122.038	1068.638	1041.939
32.0	1238.605	1185.205	1110.316	1056.265	1029.566
32.5	1226.883	1173.483	1098.594	1043.892	1017.193
33.0	1215.812	1161.762	1086.221	1031.519	1004.820
33.5	1204.090	1150.040	1074.499	1019.797	992.447
34.0	1192.368	1138.318	1062.777	1007.424	980.073
34.5	1181.298	1125.945	1049.753	995.051	967.700
35.0	1169.576	1114.223	1038.031	982.027	955.327
35.5	1157.854	1101.850	1025.658	969.654	943.606
36.0	1145.481	1090.128	1013.936	957.932	931.233
36.5	1133.759	1077.755	1001.563	945.559	919.511
37.0	1122.038	1065.382	989.190	932.535	907.138
37.5	1109.665	1053.009	976.817	920.813	896.067
38.0	1097.943	1040.636	964.444	908.440	883.694
38.5	1085.570	1028.263	952.723	896.718	871.972
39.0	1073.197	1015.890	939.698	884.345	860.251
39.5	1060.824	1003.517	927.325	872.624	848.529
40.0	1047.799	991.144	914.952	860.251	836.807
40.5	1034.775	978.771	902.579	849.180	825.736
41.0	1022.402	966.398	890.206	837.458	813.363
41.5	1009.378	953.374	877.833	825.736	801.642
42.0	996.354	941.001	866.111	813.363	790.571
42.5	983.981	927.977	853.738	801.642	778.849
43.0	970.957	915.604	842.017	790.571	767.778
43.5	957.932	902.579	828.992	779.500	756.708
44.0	944.908	890.206	817.271	767.778	745.637
44.5	931.884	877.833	804.898	756.057	734.567
45.0	919.511	864.809	793.176	744.986	723.496
45.5	906.487	852.436	781.454	733.915	712.426
46.0	893.462	840.063	769.732	722.845	702.006
46.5	881.089	827.039	757.359	711.774	690.936
47.0	868.065	814.666	745.637	700.704	680.516
47.5	855.692	802.293	734.567	688.982	670.097
48.0	842.668	789.920	722.845	678.563	659.026
48.5	829.644	777.547	711.774	667.492	648.997
49.0	817.271	764.522	699.401	657.073	638.513
49.5	804.246	752.149	688.331	645.937	628.028
50.0	791.873	740.428	676.609	635.062	617.544
50.5	778.849	728.055	665.538	624.772	607.580
51.0	766.476	715.682	653.816	614.679	597.682
51.5	753.452	703.309	642.811	604.390	586.872
52.0	741.079	691.587	631.350	593.775	576.713
52.5	728.055	679.214	620.019	583.160	566.945
53.0	715.682	667.492	608.818	572.675	556.525
53.5	702.657	655.770	598.138	562.842	547.083
54.0	690.284	643.462	587.328	553.139	537.119
54.5	677.911	631.415	576.322	543.176	527.351

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55.0	664.887	619.628	565.382	532.886	517.583
55.5	652.514	607.971	554.767	522.467	507.619
56.0	640.076	596.380	544.413	512.438	498.177
56.5	627.898	584.918	533.863	502.996	488.799
57.0	615.655	573.327	523.444	493.684	479.813
57.5	603.673	561.996	513.350	483.850	470.500
58.0	591.756	550.860	503.061	473.822	460.928
58.5	580.230	539.724	492.576	463.988	451.615
59.0	568.443	528.914	482.157	454.481	442.889
59.5	556.851	518.104	471.998	445.168	433.902
60.0	545.194	507.424	462.230	436.116	424.655
60.5	533.863	496.744	452.592	426.999	415.603
61.0	522.597	485.999	442.824	417.687	406.877
61.5	511.266	475.254	432.665	408.310	397.890
62.0	499.935	464.835	422.767	399.062	388.904
62.5	488.669	454.546	413.389	390.141	380.177
63.0	477.338	444.061	404.402	381.415	371.646
63.5	465.942	433.642	395.416	373.209	363.116
64.0	454.611	423.157	386.168	365.004	354.585
64.5	443.280	412.738	376.596	356.148	346.249
65.0	431.884	402.449	367.218	346.900	338.044
65.5	420.552	392.095	358.362	338.565	329.969
66.0	409.287	381.740	349.701	331.076	322.220
66.5	397.955	371.451	340.909	323.392	314.340
67.0	386.689	361.292	331.727	315.056	306.265
67.5	375.489	351.198	322.480	306.069	298.060
68.0	364.288	340.974	313.233	296.822	289.659
68.5	353.217	330.816	304.051	288.226	281.323
69.0	342.277	320.657	295.324	280.216	273.248
69.5	331.336	310.758	286.728	272.272	265.108
70.0	320.461	300.860	277.612	263.545	256.512
70.5	309.781	290.896	268.299	254.168	247.981
71.0	299.036	280.933	259.117	245.181	239.581
71.5	288.487	271.099	250.130	237.106	231.441
72.0	278.002	261.592	241.534	229.617	223.561
72.5	267.648	252.214	233.264	221.868	216.007
73.0	257.489	242.902	224.863	213.597	208.323
73.5	247.395	233.524	216.202	205.327	200.378
74.0	237.497	224.277	207.541	197.382	192.824
74.5	227.729	215.225	199.336	189.893	185.726
75.0	218.156	206.434	191.456	182.535	178.432
75.5	208.713	197.708	183.707	175.111	170.943
76.0	199.401	189.047	175.762	167.752	163.845
76.5	190.219	180.320	167.882	160.198	156.877
77.0	181.102	171.790	159.938	152.774	149.648
77.5	172.180	163.389	152.384	145.481	142.290
78.0	163.259	155.053	145.025	138.382	135.322
78.5	154.467	146.848	137.666	131.349	128.679
79.0	145.937	138.838	130.307	124.447	122.102
79.5	137.471	130.959	123.079	117.674	115.590
80.0	129.200	123.209	116.046	110.901	109.013
80.5	120.995	115.590	109.078	104.194	102.305
81.0	113.050	108.101	102.045	97.617	95.728
81.5	105.301	100.808	95.272	91.235	89.476
82.0	97.682	93.774	88.825	85.113	83.485
82.5	90.258	86.872	82.443	79.187	77.690

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CANDELA TABULATION - (Cont.)

83.0	82.964	80.034	76.192	73.196	72.024
83.5	75.801	73.261	69.875	67.270	66.358
84.0	68.833	66.749	63.558	61.409	60.563
84.5	62.060	60.367	57.437	55.679	54.962
85.0	55.418	54.116	51.706	50.143	49.818
85.5	48.906	47.929	46.106	44.934	44.999
86.0	42.589	41.808	40.636	40.115	40.115
86.5	36.468	35.947	35.165	35.035	35.165
87.0	30.477	30.281	29.825	29.825	30.021
87.5	24.746	24.551	24.616	24.941	25.072
88.0	19.211	19.341	19.927	20.383	20.578
88.5	14.066	14.522	15.629	15.759	15.890
89.0	9.508	10.224	10.875	9.833	9.768
89.5	6.577	6.773	5.079	4.819	5.340
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-L10-950-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-L10-950-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-L10-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	562.38	N.A.	15.70
0-30	1151.35	N.A.	32.10
0-40	1807.07	N.A.	50.40
0-60	2946.39	N.A.	82.20
0-80	3525.68	N.A.	98.30
0-90	3585.02	N.A.	100.00
10-90	3436.01	N.A.	95.80
20-40	1244.69	N.A.	34.70
20-50	1866.93	N.A.	52.10
40-70	1511.58	N.A.	42.20
60-80	579.29	N.A.	16.20
70-80	207.03	N.A.	5.80
80-90	59.34	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	3585.02	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	149.01
10-20	413.37
20-30	588.97
30-40	655.72
40-50	622.23
50-60	517.09
60-70	372.26
70-80	207.03
80-90	59.34
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-L10-950-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-L10-950-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	21.9	23.5	22.3	23.8	24.1	20.8	22.3	21.1	22.6	23.0
	3H	23.6	25.1	24.0	25.4	25.7	22.4	23.8	22.8	24.2	24.5
	4H	24.3	25.6	24.7	25.9	26.3	23.0	24.4	23.4	24.7	25.1
	6H	24.7	25.9	25.1	26.3	26.7	23.5	24.7	23.9	25.1	25.5
	8H	24.9	26.0	25.3	26.4	26.8	23.7	24.8	24.1	25.2	25.6
	12H	24.9	26.1	25.4	26.4	26.9	23.8	24.9	24.2	25.3	25.7

UGR Viewed Endwise

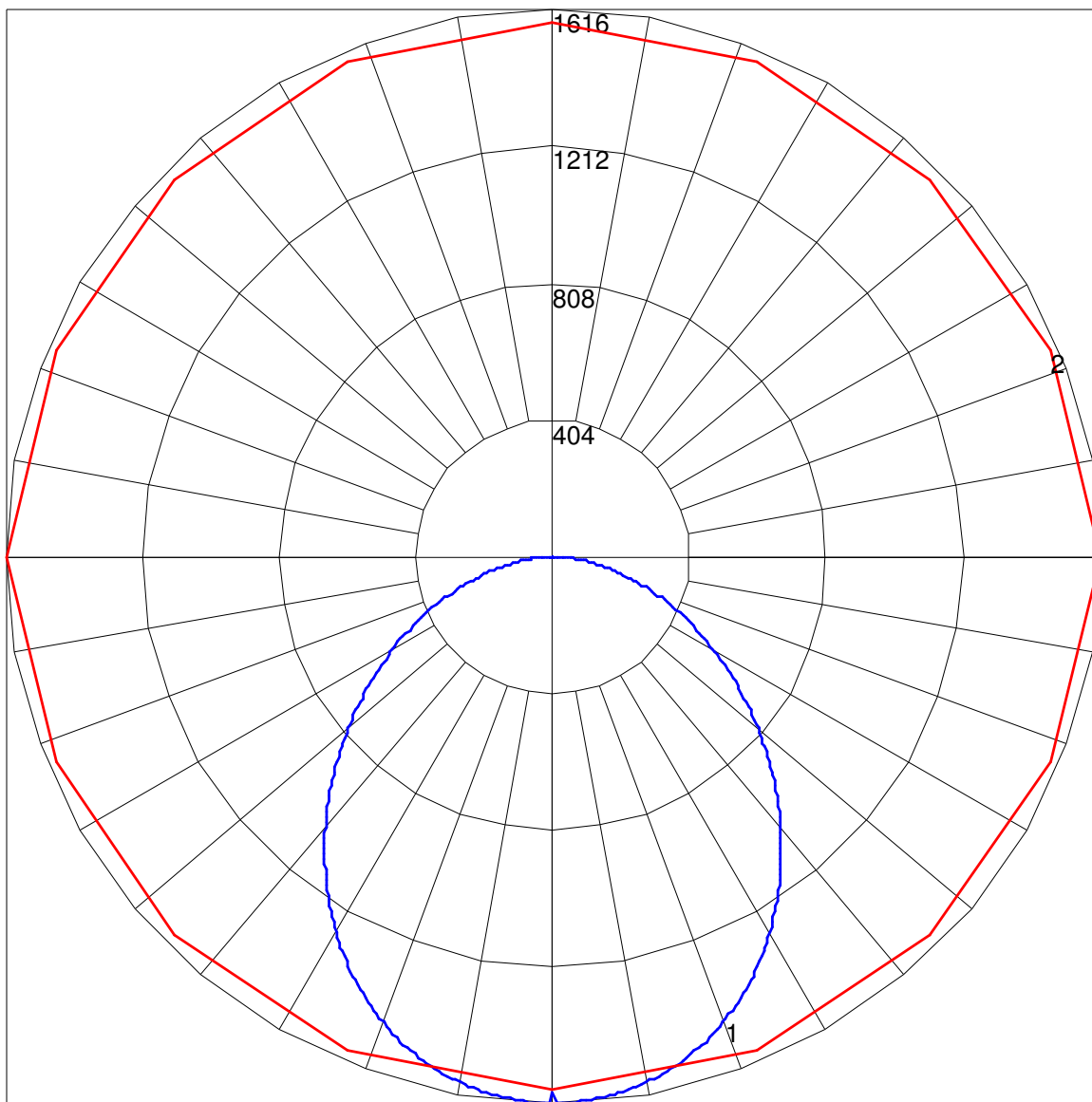
4H	2H	22.4	23.7	22.8	24.0	24.4	21.4	22.8	21.8	23.1	23.5
	3H	24.3	25.4	24.7	25.8	26.2	23.3	24.4	23.7	24.8	25.2
	4H	25.1	26.1	25.5	26.5	26.9	24.0	25.0	24.5	25.5	25.9
	6H	25.7	26.5	26.1	27.0	27.4	24.6	25.5	25.1	25.9	26.4
	8H	25.8	26.7	26.3	27.1	27.6	24.8	25.6	25.3	26.1	26.6
	12H	26.0	26.7	26.5	27.2	27.7	25.0	25.7	25.5	26.2	26.7

8H	4H	25.3	26.1	25.7	26.5	27.0	24.4	25.2	24.8	25.6	26.1
	6H	26.0	26.7	26.5	27.1	27.6	25.1	25.8	25.6	26.2	26.7
	8H	26.2	26.8	26.7	27.4	27.8	25.3	26.0	25.8	26.5	26.9
	12H	26.5	27.0	27.0	27.5	28.1	25.6	26.1	26.1	26.6	27.2

12H	4H	25.3	26.0	25.8	26.5	27.0	24.4	25.1	24.9	25.6	26.1
	6H	26.0	26.6	26.5	27.1	27.6	25.1	25.8	25.7	26.2	26.8
	8H	26.3	26.9	26.8	27.4	27.9	25.5	26.0	26.0	26.5	27.1

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 1616.307 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.)