



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 31 AUG, 2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX3-2-L10-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[OTHER] 25.4 C, 120.095 V, 0.28531 A, 34.019 W, 0.992846 PF, 60.0072 H

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[_SEARCH_SOURCE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2025
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	17.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.02
Spacing Criterion (Diagonal)	1.18
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.94 ft
Luminous Width (90-270)	0.27 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16151	12664	10906
55	13870	10562	9248
65	11554	8931	7997
75	9071	7387	6833
85	6496	5877	5791

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.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	961.165	961.165	961.165	961.165	961.165
0.5	974.858	961.692	956.952	960.638	956.952
1.0	974.858	961.692	956.425	960.638	956.425
1.5	974.858	961.165	955.898	960.112	956.425
2.0	974.332	960.638	955.898	959.585	955.372
2.5	973.805	960.112	954.845	958.532	954.845
3.0	973.278	959.585	954.318	958.005	953.792
3.5	972.752	959.058	953.265	956.952	952.212
4.0	971.698	958.005	952.212	955.372	950.632
4.5	971.172	956.952	950.632	953.792	949.052
5.0	970.118	955.898	949.578	952.212	946.945
5.5	969.065	954.845	947.998	950.105	944.838
6.0	968.012	953.265	945.892	947.998	942.732
6.5	966.958	951.685	944.312	945.365	940.098
7.0	965.378	950.632	942.205	942.732	937.465
7.5	964.325	948.525	940.098	940.098	934.305
8.0	962.745	946.945	937.465	936.938	931.145
8.5	961.165	945.365	935.358	933.778	927.985
9.0	959.585	943.258	932.198	930.092	924.298
9.5	958.005	941.152	929.565	926.405	920.612
10.0	955.898	939.045	926.405	922.718	916.399
10.5	953.792	936.412	923.245	919.032	912.185
11.0	951.685	934.305	920.085	914.292	907.445
11.5	949.578	931.672	916.399	910.079	902.705
12.0	946.945	928.512	912.712	905.339	897.439
12.5	944.312	925.878	909.025	900.599	892.699
13.0	942.205	922.718	904.812	895.859	887.432
13.5	939.572	920.085	900.599	890.592	881.639
14.0	936.412	916.399	896.385	885.325	875.845
14.5	933.252	913.239	892.172	879.532	870.052
15.0	930.618	910.079	887.432	873.739	863.732
15.5	927.458	906.392	882.692	867.945	857.412
16.0	923.772	902.705	877.425	861.625	851.092
16.5	920.612	898.492	872.685	855.305	844.245
17.0	916.925	894.805	867.419	848.985	837.399
17.5	913.239	890.592	862.152	842.139	830.552
18.0	910.079	886.905	856.359	835.292	822.652
18.5	906.392	882.165	850.565	827.919	815.279
19.0	902.705	877.952	844.772	820.545	807.379
19.5	898.492	873.212	838.979	813.172	798.952
20.0	894.279	868.472	832.659	805.272	790.525
20.5	890.065	863.732	826.339	797.372	782.099
21.0	885.852	858.992	819.492	788.945	773.672
21.5	881.112	853.725	813.172	781.045	764.719
22.0	876.899	848.459	806.852	772.619	756.292
22.5	872.159	843.192	799.479	763.665	747.339
23.0	867.419	837.925	792.632	755.239	738.385
23.5	862.152	832.132	785.259	746.812	729.959
24.0	856.885	826.339	777.885	738.385	721.005
24.5	851.619	820.545	771.039	729.432	712.052
25.0	846.879	814.752	763.139	721.005	702.572
25.5	841.085	808.959	755.765	712.579	693.619
26.0	835.819	802.639	747.865	703.626	684.666
26.5	830.025	796.319	740.492	695.199	675.712

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	824.232	789.999	732.592	686.772	666.759
27.5	818.439	783.152	724.692	677.819	657.806
28.0	812.645	776.832	716.792	669.392	648.852
28.5	806.325	769.985	708.892	660.439	639.899
29.0	800.532	763.139	700.992	652.012	631.472
29.5	794.212	756.292	693.092	643.059	622.519
30.0	787.892	749.445	685.192	634.632	613.566
30.5	781.572	742.599	676.766	625.679	605.139
31.0	775.252	735.225	668.866	616.726	596.186
31.5	768.405	727.852	660.439	608.299	587.232
32.0	761.559	720.479	652.012	599.346	578.806
32.5	754.712	713.106	643.586	590.919	570.379
33.0	747.339	705.732	635.159	581.966	561.952
33.5	740.492	697.832	626.732	573.539	552.999
34.0	733.119	690.459	618.306	564.586	544.572
34.5	726.272	682.559	609.879	555.632	535.619
35.0	718.899	674.659	600.926	547.206	527.192
35.5	710.999	666.759	592.499	538.779	518.976
36.0	703.626	658.859	584.072	530.352	510.655
36.5	695.726	650.432	575.646	521.820	502.492
37.0	688.352	642.532	567.219	513.446	494.329
37.5	680.452	634.632	558.792	505.283	486.060
38.0	672.552	626.206	550.366	497.120	478.107
38.5	664.652	618.306	541.939	489.115	470.102
39.0	656.752	609.879	534.039	481.162	462.360
39.5	648.852	601.452	525.612	473.262	454.565
40.0	640.426	593.026	517.344	465.467	447.087
40.5	632.526	584.599	509.181	457.725	439.608
41.0	624.099	576.172	501.070	450.141	432.287
41.5	616.199	567.746	493.065	442.610	424.914
42.0	607.772	559.846	485.007	435.184	417.751
42.5	599.346	551.419	476.896	427.758	410.641
43.0	591.446	542.992	468.838	420.332	403.637
43.5	583.019	534.566	460.938	413.117	396.737
44.0	574.592	526.244	452.985	405.901	389.891
44.5	566.166	517.976	445.138	398.791	383.202
45.0	557.739	509.549	437.343	391.734	376.619
45.5	549.312	501.281	429.549	384.835	370.141
46.0	540.886	492.854	421.912	377.988	363.663
46.5	531.932	484.533	414.117	371.247	357.237
47.0	523.506	476.264	406.639	364.558	350.865
47.5	514.921	467.995	399.213	357.975	344.545
48.0	506.442	459.832	391.839	351.444	338.277
48.5	497.910	451.511	384.519	345.019	332.063
49.0	489.167	443.400	377.303	338.699	326.006
49.5	480.530	435.131	370.088	332.484	319.949
50.0	471.840	427.073	362.925	326.269	314.051
50.5	463.308	418.910	355.921	320.213	308.152
51.0	454.671	410.799	348.916	314.156	302.412
51.5	446.297	402.689	342.017	308.152	296.724
52.0	437.975	394.578	335.170	302.254	291.088
52.5	429.549	386.625	328.376	296.408	285.664
53.0	421.438	378.778	321.687	290.614	280.186
53.5	413.064	371.036	315.051	284.874	274.814
54.0	404.848	363.399	308.573	279.186	269.548
54.5	396.632	355.815	302.201	273.498	264.281

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CANDELA TABULATION - (Cont.)

55.0	388.521	348.337	295.881	267.968	259.067
55.5	380.463	340.858	289.614	262.438	253.906
56.0	372.563	333.537	283.399	257.013	248.797
56.5	364.663	326.269	277.290	251.641	243.741
57.0	356.816	319.159	271.286	246.374	238.738
57.5	349.021	312.155	265.387	241.160	233.787
58.0	341.174	305.256	259.594	235.946	228.889
58.5	333.379	298.409	253.800	230.890	223.938
59.0	325.585	291.562	248.112	225.834	219.093
59.5	317.948	284.768	242.424	220.831	214.248
60.0	310.417	278.027	236.789	215.933	209.455
60.5	302.991	271.338	231.259	211.035	204.715
61.0	295.618	264.808	225.834	206.242	200.080
61.5	288.297	258.277	220.515	201.502	195.498
62.0	280.976	251.852	215.196	196.762	190.969
62.5	273.656	245.426	209.876	192.075	186.440
63.0	266.388	239.054	204.662	187.440	182.016
63.5	259.225	232.734	199.501	182.911	177.697
64.0	252.220	226.466	194.445	178.382	173.378
64.5	245.321	220.199	189.389	173.958	169.165
65.0	238.474	214.037	184.333	169.586	165.057
65.5	231.680	208.033	179.277	165.268	161.002
66.0	224.834	202.029	174.326	160.949	156.946
66.5	218.040	196.130	169.428	156.630	152.891
67.0	211.351	190.284	164.583	152.364	148.888
67.5	204.768	184.491	159.843	148.098	144.780
68.0	198.237	178.750	155.103	143.780	140.672
68.5	191.812	173.062	150.363	139.566	136.354
69.0	185.386	167.427	145.623	135.300	132.246
69.5	178.961	161.844	140.883	131.140	128.085
70.0	172.641	156.314	136.301	126.926	124.030
70.5	166.374	150.890	131.719	122.818	120.080
71.0	160.212	145.518	127.295	118.763	116.077
71.5	154.155	140.251	122.871	114.760	112.180
72.0	148.204	134.984	118.447	110.758	108.335
72.5	142.305	129.823	114.076	106.860	104.543
73.0	136.459	124.714	109.810	103.016	100.857
73.5	130.824	119.711	105.596	99.224	97.170
74.0	125.346	114.760	101.489	95.485	93.536
74.5	119.974	109.968	97.433	91.798	89.902
75.0	114.655	105.175	93.378	88.111	86.373
75.5	109.388	100.541	89.375	84.477	82.845
76.0	104.227	95.906	85.425	80.896	79.421
76.5	99.171	91.429	81.581	77.315	75.998
77.0	94.273	87.005	77.736	73.839	72.575
77.5	89.533	82.634	73.997	70.363	69.257
78.0	84.741	78.368	70.257	66.939	65.939
78.5	80.053	74.207	66.571	63.569	62.621
79.0	75.471	70.099	62.937	60.251	59.408
79.5	70.889	66.044	59.408	56.985	56.195
80.0	66.465	62.041	55.932	53.720	53.035
80.5	62.147	58.197	52.614	50.560	49.981
81.0	57.986	54.405	49.349	47.453	46.926
81.5	53.825	50.665	46.083	44.451	43.977
82.0	49.770	46.979	42.871	41.449	41.027
82.5	45.820	43.345	39.711	38.552	38.131

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	41.975	39.869	36.603	35.655	35.339
83.5	38.236	36.445	33.601	32.864	32.548
84.0	34.655	33.075	30.705	30.073	29.862
84.5	31.179	29.809	27.808	27.334	27.229
85.0	27.650	26.597	25.017	24.648	24.648
85.5	24.279	23.437	22.225	22.067	22.173
86.0	21.014	20.329	19.487	19.539	19.645
86.5	17.907	17.380	16.801	17.064	17.275
87.0	14.957	14.589	14.273	14.694	15.010
87.5	12.061	11.850	11.797	12.377	12.798
88.0	9.269	9.217	9.427	10.165	10.533
88.5	6.583	6.794	7.110	7.479	7.373
89.0	4.108	4.424	4.529	4.951	5.214
89.5	1.896	2.528	2.949	3.634	4.055
90.0	0.632	1.264	1.580	1.949	2.159
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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PHOTOMETRIC FILENAME : LRX3-2-L10-835-DMA-DIM-UNV_.IES

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 : LRX3-2-L10-835-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 : LRX3-2-L10-835-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 : LRX3-2-L10-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	341.02	N.A.	16.80
0-30	694.06	N.A.	34.30
0-40	1076.04	N.A.	53.10
0-60	1701.61	N.A.	84.00
0-80	1995.89	N.A.	98.60
0-90	2025.08	N.A.	100.00
10-90	1934.74	N.A.	95.50
20-40	735.02	N.A.	36.30
20-50	1083.49	N.A.	53.50
40-70	816.69	N.A.	40.30
60-80	294.28	N.A.	14.50
70-80	103.16	N.A.	5.10
80-90	29.19	N.A.	1.40
90-110	0.04	N.A.	0.00
90-120	0.04	N.A.	0.00
90-130	0.04	N.A.	0.00
90-150	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2025.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	90.34
10-20	250.69
20-30	353.04
30-40	381.98
40-50	348.47
50-60	277.10
60-70	191.12
70-80	103.16
80-90	29.19
90-100	0.04
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 : LRX3-2-L10-835-DMA-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	60	60	60	60	58	58	58	58	56	56	56	53	53	53	51	51	51	50
1	55	53	51	49	54	52	50	48	49	48	47	48	46	45	46	45	44	43
2	50	47	43	41	49	46	43	40	44	41	39	42	40	38	41	39	38	37
3	46	41	38	35	45	41	37	34	39	36	34	38	35	33	37	34	33	31
4	43	37	33	30	42	36	33	30	35	32	29	34	31	29	33	30	28	27
5	39	33	29	26	38	33	29	26	32	28	26	31	28	25	30	27	25	24
6	37	30	26	23	36	30	26	23	29	25	23	28	25	23	27	25	22	21
7	34	28	24	21	33	27	23	21	27	23	20	26	23	20	25	22	20	19
8	32	25	21	19	31	25	21	19	24	21	18	24	21	18	23	20	18	17
9	30	23	20	17	29	23	19	17	23	19	17	22	19	17	22	19	17	16
10	28	22	18	15	27	21	18	15	21	18	15	21	17	15	20	17	15	14

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L10-835-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	20.8	22.3	21.1	22.6	22.9	18.8	20.3	19.2	20.6	21.0
	3H	22.4	23.7	22.7	24.1	24.4	20.4	21.8	20.8	22.1	22.5
	4H	22.9	24.2	23.3	24.5	24.9	21.0	22.3	21.4	22.6	23.0
	6H	23.3	24.5	23.7	24.9	25.3	21.4	22.6	21.8	23.0	23.4
	8H	23.4	24.6	23.8	25.0	25.4	21.6	22.7	22.0	23.1	23.5
	12H	23.5	24.6	23.9	25.0	25.4	21.7	22.8	22.1	23.2	23.6

UGR Viewed Endwise

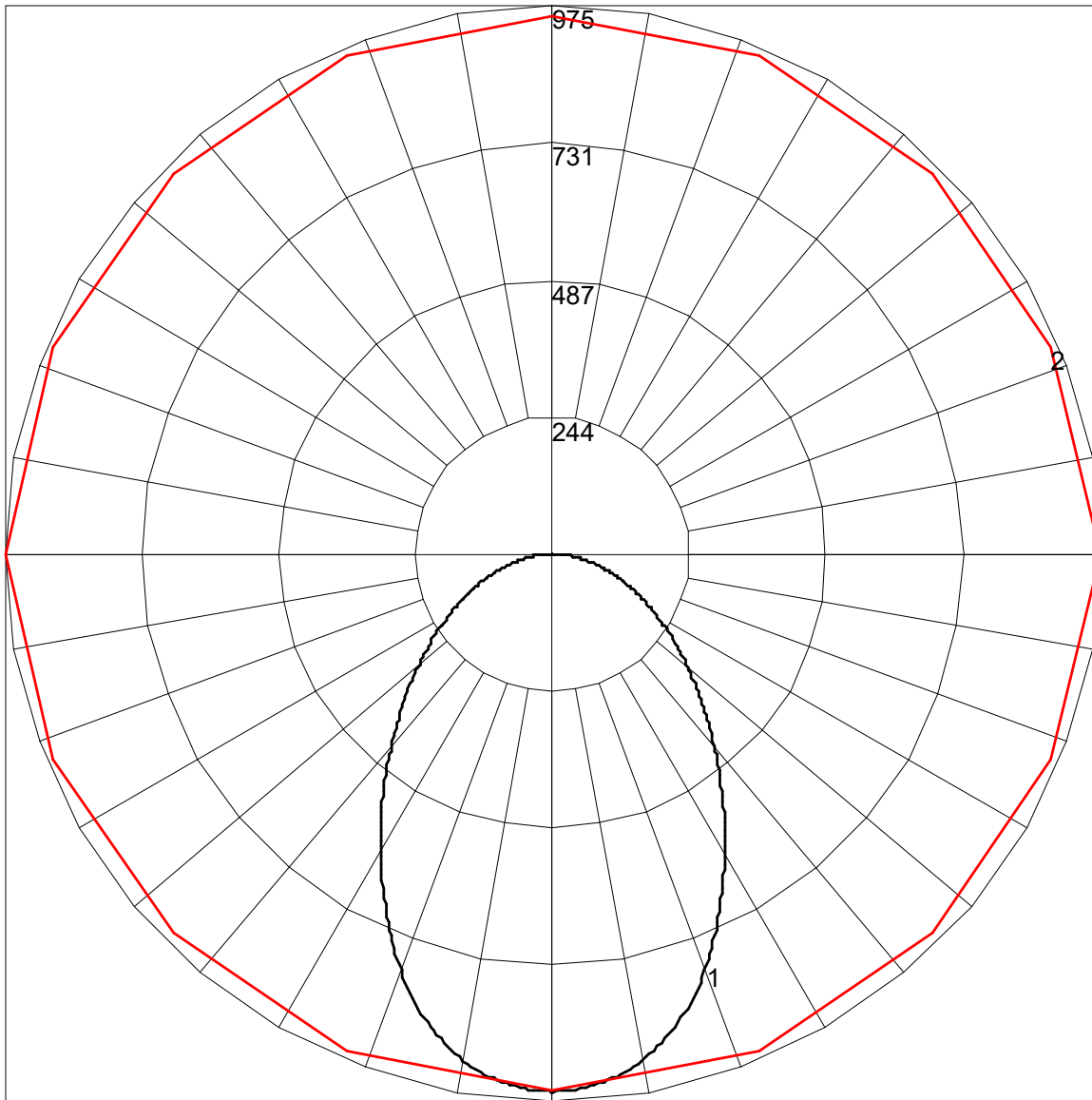
4H	2H	21.1	22.4	21.5	22.7	23.1	19.5	20.8	19.9	21.1	21.5
	3H	22.9	24.0	23.3	24.4	24.8	21.3	22.4	21.7	22.8	23.2
	4H	23.6	24.6	24.0	25.0	25.4	22.0	22.9	22.4	23.4	23.8
	6H	24.1	25.0	24.6	25.4	25.9	22.5	23.4	23.0	23.8	24.3
	8H	24.3	25.1	24.7	25.5	26.0	22.7	23.5	23.2	24.0	24.4
	12H	24.4	25.1	24.9	25.6	26.1	22.9	23.6	23.4	24.1	24.5

8H	4H	23.7	24.5	24.2	25.0	25.4	22.3	23.1	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.5	24.1	24.6
	8H	24.6	25.2	25.1	25.7	26.2	23.2	23.8	23.7	24.3	24.8
	12H	24.8	25.3	25.3	25.8	26.4	23.5	24.0	24.0	24.5	25.1

12H	4H	23.8	24.5	24.2	24.9	25.4	22.3	23.0	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.6	24.1	24.6
	8H	24.7	25.2	25.2	25.7	26.3	23.4	23.9	23.9	24.4	24.9

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 974.858 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)