



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPT-24-L43-835-SAF12125-(L27)-DIM-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 12212385.12
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 06/10/2022
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LPT-24-L43-835-SAF12125-(L27)-DIM-UNV
 [LUMINAIRE] Recessed 2 x 4 Luminaire w/frosted prismatic
 [MORE] pattern lens 0.125 thick
 [LAMP] LED
 [LAMPCAT] HLM 80 CRI, 3500K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2688
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	18.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.75 ft
Luminous Width (90-270)	1.77 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1469	1410	1362
55	1223	1147	1099
65	996	924	911
75	873	834	883
85	974	885	1010

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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	1183.073	1183.073	1183.073	1183.073	1183.073
0.5	1189.942	1186.017	1181.438	1178.821	1179.802
1.0	1189.615	1186.017	1181.111	1178.821	1179.802
1.5	1189.615	1185.690	1180.784	1178.167	1179.148
2.0	1188.961	1185.036	1180.457	1177.840	1178.821
2.5	1188.307	1184.382	1179.802	1177.186	1178.167
3.0	1187.325	1183.727	1179.148	1176.204	1177.186
3.5	1186.344	1182.746	1178.167	1175.550	1176.204
4.0	1185.363	1181.765	1176.859	1174.242	1175.223
4.5	1184.382	1180.457	1175.877	1173.261	1173.915
5.0	1182.746	1179.148	1174.569	1171.625	1172.607
5.5	1181.438	1177.513	1172.934	1170.317	1170.971
6.0	1179.802	1175.877	1171.298	1168.681	1169.336
6.5	1177.840	1174.242	1169.336	1166.719	1167.373
7.0	1175.877	1172.279	1167.373	1164.756	1165.411
7.5	1173.915	1169.990	1165.411	1162.794	1163.448
8.0	1171.625	1167.700	1163.121	1160.504	1161.158
8.5	1169.336	1165.411	1160.831	1158.215	1158.542
9.0	1166.719	1162.794	1158.215	1155.598	1156.252
9.5	1164.102	1160.177	1155.598	1152.981	1153.635
10.0	1161.158	1157.561	1152.981	1150.038	1150.692
10.5	1158.215	1154.617	1149.710	1147.094	1147.748
11.0	1155.271	1151.346	1146.767	1144.150	1144.804
11.5	1152.000	1148.075	1143.496	1140.879	1141.533
12.0	1148.402	1144.804	1139.898	1137.608	1137.935
12.5	1144.804	1141.206	1136.300	1134.010	1134.337
13.0	1141.206	1137.608	1132.702	1130.085	1130.412
13.5	1137.281	1133.683	1128.777	1126.160	1126.487
14.0	1133.356	1129.758	1124.852	1122.235	1122.562
14.5	1129.431	1125.506	1120.600	1117.983	1118.310
15.0	1124.852	1121.254	1116.348	1113.731	1113.731
15.5	1120.600	1117.002	1111.768	1109.152	1109.152
16.0	1116.020	1112.423	1107.189	1104.572	1104.572
16.5	1111.114	1107.516	1102.610	1099.666	1099.339
17.0	1106.208	1102.610	1097.377	1094.433	1094.433
17.5	1101.629	1097.704	1092.470	1089.526	1089.199
18.0	1096.395	1092.470	1087.237	1083.966	1083.966
18.5	1091.162	1087.237	1082.003	1078.733	1078.405
19.0	1085.601	1081.676	1076.443	1073.172	1072.845
19.5	1080.041	1076.443	1070.882	1067.285	1066.957
20.0	1074.153	1070.555	1064.995	1061.397	1061.070
20.5	1068.266	1064.668	1059.107	1055.182	1054.855
21.0	1062.378	1058.780	1052.893	1049.295	1048.641
21.5	1056.491	1052.893	1046.678	1042.753	1042.099
22.0	1049.949	1046.678	1040.136	1036.211	1035.557
22.5	1043.734	1040.463	1033.595	1029.342	1028.688
23.0	1037.193	1033.922	1026.726	1022.474	1021.819
23.5	1030.651	1027.380	1019.857	1015.605	1014.624
24.0	1024.109	1020.511	1012.988	1008.409	1007.428
24.5	1017.240	1013.642	1005.792	1000.886	999.578
25.0	1010.044	1006.446	998.596	993.363	992.055
25.5	1003.176	999.250	991.073	985.840	984.532
26.0	995.980	992.055	983.877	977.990	976.681
26.5	988.457	984.532	976.027	970.140	968.831

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CANDELA TABULATION - (Cont.)

27.0	980.934	976.681	968.504	962.290	960.654
27.5	973.411	969.158	960.327	954.112	952.150
28.0	965.561	961.308	952.477	945.935	943.646
28.5	957.710	953.131	944.300	937.431	935.141
29.0	948.879	945.281	936.123	928.927	926.310
29.5	940.702	937.104	927.618	920.423	917.479
30.0	932.525	928.600	919.114	911.591	908.647
30.5	924.020	920.095	910.283	902.433	899.816
31.0	915.843	911.918	901.451	893.274	890.658
31.5	907.339	903.087	892.620	884.116	881.499
32.0	898.835	894.583	883.789	874.630	872.014
32.5	890.003	885.751	874.630	865.145	862.528
33.0	881.499	876.593	865.472	855.659	852.716
33.5	872.668	867.434	855.986	845.847	842.903
34.0	863.836	858.603	846.501	836.034	833.090
34.5	854.678	849.118	837.015	826.221	823.278
35.0	845.847	839.632	827.203	816.082	813.138
35.5	836.688	830.147	817.717	806.269	802.998
36.0	827.203	820.661	807.578	795.802	792.859
36.5	817.390	810.848	797.765	785.336	782.392
37.0	807.578	801.036	787.625	775.196	771.925
37.5	797.438	791.223	777.486	764.729	761.458
38.0	787.298	781.084	767.346	753.935	750.664
38.5	777.486	770.617	756.879	743.469	739.871
39.0	767.346	760.804	746.085	732.675	729.077
39.5	757.206	750.337	735.618	721.881	718.283
40.0	746.739	739.871	724.825	710.760	707.162
40.5	735.946	729.404	714.031	699.966	696.041
41.0	725.479	718.610	703.237	688.845	684.593
41.5	714.685	708.143	692.770	677.397	673.472
42.0	704.218	697.676	681.649	666.603	662.351
42.5	693.751	686.882	670.528	655.482	651.230
43.0	683.285	676.089	659.734	644.361	639.782
43.5	673.145	665.622	648.613	632.913	628.661
44.0	662.678	654.828	637.492	621.792	617.540
44.5	651.884	644.034	626.698	610.344	606.419
45.0	641.417	633.240	615.578	599.223	594.971
45.5	630.624	622.119	604.784	588.102	583.850
46.0	620.157	611.652	593.990	576.981	572.729
46.5	609.690	600.859	582.869	566.187	561.935
47.0	598.896	590.065	572.075	555.066	551.141
47.5	588.429	579.271	560.954	544.273	540.348
48.0	577.963	568.150	550.160	533.479	529.554
48.5	567.169	557.356	539.366	522.358	518.760
49.0	556.702	546.889	528.900	511.891	508.293
49.5	545.581	536.095	518.106	501.424	497.826
50.0	534.787	525.629	507.639	490.957	487.359
50.5	523.993	514.835	497.172	480.818	476.893
51.0	513.854	504.368	486.378	470.678	466.753
51.5	503.387	494.228	475.911	460.538	456.613
52.0	493.247	483.762	465.772	450.399	446.801
52.5	482.780	473.295	455.632	440.259	436.988
53.0	472.641	463.155	445.492	430.446	427.175
53.5	462.501	453.015	435.680	420.634	417.363
54.0	452.361	443.203	425.867	411.148	407.877
54.5	442.876	433.390	416.055	401.663	398.719

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CANDELA TABULATION - (Cont.)

55.0	433.390	423.578	406.242	392.504	389.233
55.5	423.578	413.765	396.756	383.346	380.075
56.0	414.419	404.279	387.271	373.860	371.244
56.5	404.934	394.794	378.112	364.702	362.412
57.0	395.775	385.308	368.954	355.871	353.908
57.5	386.290	376.150	360.123	347.366	345.731
58.0	377.131	366.991	350.964	338.862	337.227
58.5	367.973	357.833	342.133	330.358	329.049
59.0	358.814	349.002	333.629	322.181	321.068
59.5	349.983	340.170	325.026	314.200	313.186
60.0	341.152	331.339	316.620	306.284	305.434
60.5	332.320	322.835	308.378	298.467	297.845
61.0	323.554	314.331	300.364	290.846	290.617
61.5	314.887	306.055	292.481	283.421	283.388
62.0	306.448	297.911	284.664	276.356	276.421
62.5	298.107	289.963	277.010	269.487	269.520
63.0	290.257	282.080	269.520	262.618	262.782
63.5	282.341	274.360	262.127	256.076	256.371
64.0	274.818	266.772	255.062	249.567	250.058
64.5	267.426	259.478	248.063	243.156	243.876
65.0	260.067	252.478	241.161	236.778	237.858
65.5	253.165	245.381	234.227	230.760	232.035
66.0	246.493	238.446	227.685	224.840	226.410
66.5	240.671	231.708	221.242	219.148	221.045
67.0	234.619	224.872	214.863	213.620	215.648
67.5	227.914	218.363	208.649	208.158	210.251
68.0	220.914	211.985	202.630	202.728	205.051
68.5	213.620	205.738	196.808	197.397	200.046
69.0	206.817	199.654	191.280	192.262	195.238
69.5	200.635	193.668	185.818	187.323	190.430
70.0	194.584	187.846	180.388	182.482	185.720
70.5	188.533	182.155	175.057	177.674	181.108
71.0	182.514	176.562	169.824	172.964	176.627
71.5	176.856	171.165	164.852	168.286	172.146
72.0	172.048	165.898	159.978	163.740	167.501
72.5	166.978	160.731	155.137	159.193	162.922
73.0	161.875	155.595	150.460	154.647	158.474
73.5	156.707	150.395	146.044	150.198	154.091
74.0	150.885	145.390	141.923	145.848	149.806
74.5	145.292	140.549	137.704	141.629	145.488
75.0	139.535	135.806	133.255	137.442	141.138
75.5	134.596	131.096	128.512	133.190	136.788
76.0	129.821	126.419	124.097	128.905	132.536
76.5	125.176	121.873	119.877	124.686	128.251
77.0	120.891	117.817	115.658	120.532	124.031
77.5	116.934	113.401	111.504	116.410	119.779
78.0	112.452	108.658	107.317	112.322	115.593
78.5	107.317	103.948	103.098	108.233	111.373
79.0	102.902	99.533	98.878	104.144	107.219
79.5	99.271	95.575	94.692	100.056	103.032
80.0	95.117	91.159	90.472	95.935	98.846
80.5	90.668	86.645	86.220	91.813	94.692
81.0	86.122	82.197	82.001	87.725	90.603
81.5	82.982	77.781	77.781	83.603	86.351
82.0	78.730	73.366	73.529	79.417	82.033
82.5	74.739	69.212	69.277	75.230	77.650

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CANDELA TABULATION - (Cont.)

83.0	70.782	64.698	65.025	71.109	73.235
83.5	66.170	60.446	60.740	66.955	68.721
84.0	61.819	56.324	56.390	62.637	64.076
84.5	57.273	51.614	52.007	58.254	59.203
85.0	52.399	47.133	47.624	53.806	54.362
85.5	47.689	42.587	43.274	49.227	49.390
86.0	42.816	38.073	38.825	44.549	44.288
86.5	37.550	33.526	34.279	39.708	39.120
87.0	32.120	28.947	29.634	34.671	33.690
87.5	26.788	24.303	25.022	29.405	28.228
88.0	21.130	19.625	20.149	23.975	22.733
88.5	15.373	14.850	15.210	18.677	17.663
89.0	9.747	10.140	10.565	13.770	12.920
89.5	4.710	5.888	6.640	9.191	8.439
90.0	1.341	2.682	3.598	5.364	4.743
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 : LPT-24-L43-835-SAF12125-(L27)-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 : LPT-24-L43-835-SAF12125-(L27)-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 : LPT-24-L43-835-SAF12125-(L27)-DIM-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	426.29	N.A.	15.90
0-30	885.96	N.A.	33.00
0-40	1402.55	N.A.	52.20
0-60	2244.16	N.A.	83.50
0-80	2633.99	N.A.	98.00
0-90	2687.79	N.A.	100.00
10-90	2576.24	N.A.	95.80
20-40	976.25	N.A.	36.30
20-50	1451.49	N.A.	54.00
40-70	1086.26	N.A.	40.40
60-80	389.84	N.A.	14.50
70-80	145.19	N.A.	5.40
80-90	53.79	N.A.	2.00
90-110	0.10	N.A.	0.00
90-120	0.10	N.A.	0.00
90-130	0.10	N.A.	0.00
90-150	0.10	N.A.	0.00
90-180	0.10	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2687.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.54
10-20	314.75
20-30	459.67
30-40	516.58
40-50	475.24
50-60	366.37
60-70	244.65
70-80	145.19
80-90	53.79
90-100	0.10
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 : LPT-24-L43-835-SAF12125-(L27)-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	95	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	75	68	90	81	74	68	78	72	67	75	70	65	72	68	64	62
4	85	74	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	50	47
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	45	40	50	44	39	38
8	63	50	42	36	62	50	42	36	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	43	37	33	42	37	32	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPT-24-L43-835-SAF12125-(L27)-DIM-UNV.IES

UGR TABLE - CORRECTED

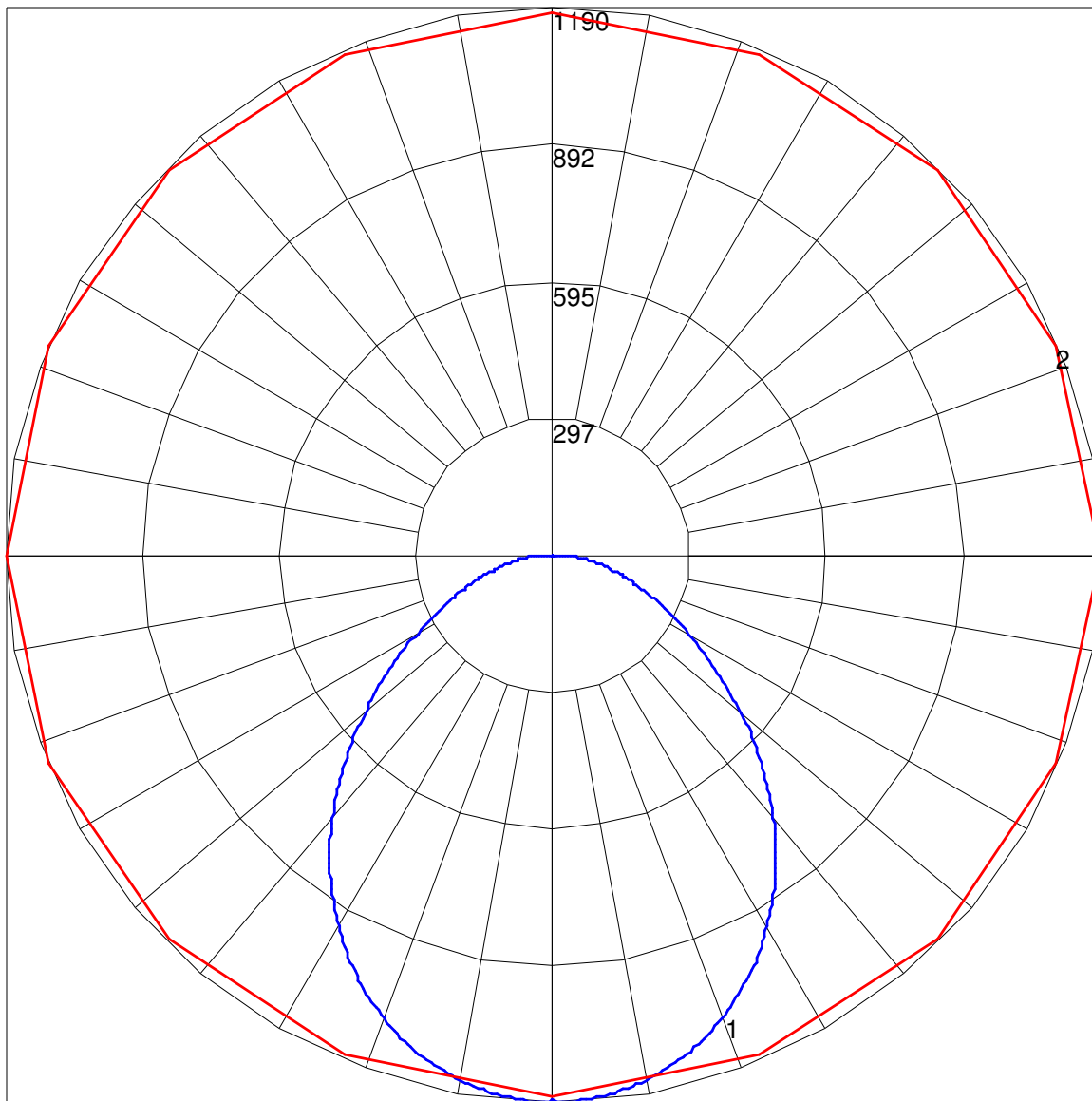
Reflectances

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	12.1	13.7	12.5	14.0	14.3	11.5	13.1	11.9	13.4	13.7
	3H	13.6	15.0	14.0	15.3	15.7	13.1	14.5	13.5	14.8	15.2
	4H	14.2	15.5	14.6	15.9	16.3	13.8	15.1	14.2	15.5	15.8
	6H	14.8	16.0	15.2	16.3	16.7	14.5	15.7	14.9	16.0	16.4
	8H	15.0	16.1	15.4	16.5	16.9	14.7	15.9	15.2	16.3	16.7
	12H	15.2	16.3	15.6	16.7	17.1	15.0	16.1	15.4	16.5	16.9
4H	2H	12.5	13.9	12.9	14.2	14.6	12.1	13.4	12.4	13.7	14.1
	3H	14.3	15.4	14.7	15.8	16.2	13.9	15.0	14.3	15.4	15.8
	4H	15.0	16.0	15.5	16.4	16.9	14.7	15.7	15.2	16.1	16.6
	6H	15.7	16.6	16.2	17.0	17.5	15.5	16.4	16.0	16.9	17.3
	8H	16.0	16.8	16.5	17.3	17.8	15.9	16.7	16.4	17.1	17.6
	12H	16.3	17.0	16.8	17.5	18.0	16.2	16.9	16.7	17.4	17.9
8H	4H	15.3	16.1	15.8	16.6	17.0	15.0	15.9	15.5	16.3	16.8
	6H	16.2	16.8	16.7	17.3	17.8	16.0	16.7	16.5	17.2	17.7
	8H	16.6	17.2	17.1	17.7	18.2	16.5	17.1	17.0	17.6	18.1
	12H	16.9	17.5	17.4	18.0	18.5	16.9	17.5	17.4	17.9	18.5
12H	4H	15.4	16.1	15.8	16.6	17.0	15.1	15.8	15.6	16.3	16.8
	6H	16.3	16.9	16.8	17.3	17.9	16.1	16.7	16.6	17.2	17.7
	8H	16.7	17.2	17.2	17.7	18.3	16.6	17.2	17.1	17.7	18.2

Maximum UGR = 18.5

POLAR GRAPH



Maximum Candela = 1189.942 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.)