



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 12326812.17

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 11 APR 2023

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH

[LUMINAIRE] Black formed aluminum housing, white reflector, clear patt

[MORE] erved glass lens enclosure

[LAMP] One white LED

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Healthcare, Office, Downlight

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1619
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	60
Total Luminaire Watts	26.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.98
Spacing Criterion (90-270)	0.98
Spacing Criterion (Diagonal)	0.88
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.46 ft (Diameter)
Luminous Width (90-270)	0.46 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	30692	28536	24732
55	30997	27341	20891
65	26262	21763	14367
75	20436	14801	7867
85	12745	6139	2730

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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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0.0	1253.749	1253.749	1253.749	1253.749	1253.749	1253.749	1253.749	1253.749	1253.749
0.5	1256.873	1259.402	1255.386	1253.303	1252.262	1251.964	1251.369	1252.559	1250.328
1.0	1259.997	1262.229	1257.766	1253.005	1251.072	1249.286	1247.948	1248.989	1247.204
1.5	1261.634	1264.609	1259.997	1253.600	1249.138	1246.460	1244.229	1244.229	1243.336
2.0	1263.270	1266.245	1261.485	1254.939	1247.204	1243.336	1240.212	1239.766	1238.278
2.5	1263.716	1267.435	1263.270	1255.088	1246.758	1240.658	1235.898	1234.262	1233.667
3.0	1263.419	1268.030	1263.716	1255.981	1246.460	1238.278	1231.882	1228.906	1227.865
3.5	1264.014	1268.328	1264.311	1256.724	1245.865	1235.898	1228.014	1223.848	1221.915
4.0	1264.609	1268.923	1264.460	1256.873	1245.567	1233.667	1224.146	1219.237	1216.410
4.5	1266.245	1269.072	1264.014	1256.576	1244.080	1232.179	1220.873	1215.072	1210.014
5.0	1268.328	1269.815	1264.162	1255.683	1243.634	1230.245	1217.154	1211.353	1204.956
5.5	1272.344	1271.303	1263.567	1255.386	1243.187	1228.460	1214.328	1207.039	1199.898
6.0	1275.766	1272.939	1263.716	1254.939	1242.295	1226.824	1211.501	1203.171	1193.948
6.5	1277.848	1273.386	1263.865	1254.344	1241.997	1225.187	1208.675	1198.559	1188.146
7.0	1279.187	1275.171	1265.055	1254.344	1241.551	1224.146	1205.253	1195.435	1183.535
7.5	1281.419	1276.212	1265.948	1254.196	1240.212	1222.063	1202.873	1190.080	1178.625
8.0	1282.757	1276.361	1266.840	1254.791	1240.063	1220.725	1200.344	1185.915	1173.716
8.5	1285.138	1276.658	1267.286	1255.832	1240.361	1220.278	1197.518	1182.344	1169.700
9.0	1286.328	1277.253	1268.625	1257.319	1241.253	1219.683	1195.882	1179.518	1167.022
9.5	1287.815	1277.700	1269.518	1257.766	1241.700	1218.939	1193.948	1176.245	1163.601
10.0	1288.708	1278.146	1271.303	1258.956	1243.187	1218.642	1192.609	1173.716	1161.369
10.5	1290.493	1278.741	1271.452	1258.956	1243.782	1218.344	1190.973	1171.931	1159.733
11.0	1291.386	1278.890	1272.047	1258.658	1244.526	1218.493	1189.039	1170.741	1157.799
11.5	1291.832	1278.592	1271.303	1258.361	1245.270	1218.047	1187.551	1169.551	1157.502
12.0	1291.832	1277.253	1269.518	1258.658	1245.716	1217.749	1185.766	1168.361	1157.650
12.5	1292.278	1275.914	1268.030	1258.510	1245.419	1217.898	1183.832	1167.468	1158.989
13.0	1291.832	1273.088	1265.204	1256.873	1245.270	1218.344	1183.237	1165.981	1160.030
13.5	1288.857	1269.369	1261.187	1253.749	1244.080	1217.898	1181.601	1164.196	1159.287
14.0	1284.691	1264.014	1255.981	1250.477	1242.295	1217.006	1180.708	1161.964	1157.353
14.5	1280.526	1258.212	1250.328	1245.716	1239.320	1215.667	1178.625	1159.287	1153.634
15.0	1276.063	1251.964	1243.039	1240.807	1235.154	1213.584	1175.948	1156.163	1147.981
15.5	1271.303	1242.741	1234.708	1234.559	1230.096	1210.311	1172.526	1151.700	1140.989
16.0	1264.609	1233.964	1226.229	1227.716	1224.146	1205.551	1168.212	1147.237	1132.807
16.5	1257.766	1223.700	1216.113	1220.278	1217.749	1200.196	1164.493	1141.733	1122.989
17.0	1251.072	1213.287	1205.849	1212.394	1210.311	1194.543	1158.989	1135.634	1113.320
17.5	1241.997	1201.534	1195.435	1203.468	1201.088	1187.849	1153.187	1128.345	1103.204
18.0	1233.072	1189.782	1183.981	1192.906	1191.121	1179.816	1145.749	1120.460	1092.196
18.5	1222.807	1177.435	1173.121	1181.601	1180.113	1170.146	1137.270	1111.088	1079.849
19.0	1211.650	1164.642	1159.138	1169.551	1167.766	1158.840	1127.601	1100.526	1066.609
19.5	1199.452	1149.766	1145.006	1155.865	1153.783	1146.345	1115.997	1089.072	1052.179
20.0	1184.278	1132.956	1129.088	1139.948	1138.609	1132.361	1102.907	1076.576	1036.708
20.5	1168.212	1114.956	1111.981	1122.543	1121.055	1116.741	1088.328	1061.849	1020.791
21.0	1150.212	1094.427	1092.196	1103.353	1103.204	1099.634	1071.667	1045.932	1004.576
21.5	1129.386	1071.667	1070.477	1082.080	1082.526	1081.188	1054.857	1029.122	986.725
22.0	1110.642	1046.527	1045.783	1058.576	1061.403	1060.956	1036.857	1010.675	969.469
22.5	1087.882	1019.303	1019.899	1032.989	1038.940	1039.237	1017.221	991.783	950.428
23.0	1060.212	988.956	989.998	1005.766	1014.246	1016.626	997.138	971.552	930.940
23.5	1029.865	955.634	959.353	978.097	988.659	992.675	975.419	951.618	910.560
24.0	997.585	921.122	926.031	948.196	961.733	967.386	953.552	930.940	888.543
24.5	961.882	884.378	891.370	917.849	933.171	941.502	930.643	909.667	866.676
25.0	922.312	845.998	856.263	885.420	903.717	913.684	907.436	888.395	844.659
25.5	881.552	807.767	819.668	852.395	872.775	885.271	883.486	865.486	821.899
26.0	839.750	767.899	783.221	817.139	841.387	856.411	858.345	842.279	798.246
26.5	797.651	729.817	746.626	781.585	809.106	826.808	832.163	818.775	773.850

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CANDELA TABULATION - (Cont.)

27.0	756.593	692.627	710.180	746.626	776.527	796.312	805.238	794.825	749.007
27.5	715.089	656.627	675.817	711.817	743.205	765.221	776.676	770.726	723.569
28.0	675.965	623.602	641.304	678.643	710.180	733.684	748.412	746.329	697.684
28.5	638.775	591.619	609.767	646.362	677.007	702.891	719.255	720.445	671.205
29.0	604.412	563.057	580.015	614.974	644.875	671.651	690.395	694.560	643.833
29.5	572.577	536.726	552.197	585.371	613.635	642.048	661.684	666.742	615.420
30.0	544.610	512.924	526.462	556.809	583.734	612.742	632.676	638.329	586.114
30.5	519.767	491.949	503.553	530.329	555.619	584.329	605.304	609.767	555.024
31.0	499.239	473.057	482.280	506.528	529.288	557.701	577.933	580.908	525.123
31.5	481.536	456.247	463.685	484.214	504.445	531.668	551.305	553.238	495.371
32.0	465.619	441.966	446.578	464.280	481.536	506.974	526.610	525.420	467.404
32.5	452.082	429.024	432.148	446.280	460.412	484.214	502.363	498.941	441.371
33.0	439.437	417.718	418.908	430.214	441.222	462.941	479.751	473.503	416.974
33.5	428.578	407.602	407.454	415.933	424.561	443.454	458.330	449.255	395.702
34.0	418.611	398.231	397.338	402.396	409.685	425.751	438.098	427.685	376.214
34.5	409.090	390.197	388.115	391.090	396.297	409.239	419.354	407.454	359.255
35.0	400.759	382.908	380.379	380.974	384.545	394.660	401.354	388.859	344.231
35.5	393.024	376.065	372.941	371.900	373.834	380.974	384.842	372.495	330.842
36.0	386.032	370.264	366.098	364.016	364.313	368.479	369.669	357.173	318.793
36.5	379.784	364.760	359.999	356.578	355.685	357.173	355.685	343.487	307.636
37.0	373.983	359.999	354.644	350.181	347.355	347.057	342.446	330.991	297.371
37.5	368.925	355.685	349.735	344.379	340.214	337.834	330.545	319.388	287.999
38.0	364.462	351.817	345.421	338.875	333.520	329.355	319.388	309.718	279.669
38.5	360.148	348.545	341.255	333.966	327.421	321.619	310.313	299.751	273.123
39.0	356.726	345.123	337.536	329.206	321.619	314.330	300.941	290.082	265.239
39.5	353.454	341.999	333.669	324.594	315.966	307.338	292.462	281.454	257.801
40.0	350.925	339.173	330.247	320.280	310.611	300.644	284.280	273.123	250.661
40.5	348.693	336.941	327.421	316.115	305.553	295.289	276.694	265.090	243.818
41.0	346.462	334.859	324.594	312.247	300.644	289.189	269.404	257.950	237.123
41.5	343.189	332.925	322.065	308.975	296.032	283.388	262.264	251.107	230.727
42.0	340.809	330.842	319.388	305.702	291.421	277.586	256.016	244.115	224.181
42.5	338.727	329.206	317.305	301.983	287.851	271.636	249.917	237.272	218.082
43.0	337.388	327.867	315.371	299.008	283.090	265.685	243.371	230.727	212.281
43.5	336.198	326.677	313.884	296.032	278.776	260.628	236.975	224.330	206.479
44.0	334.859	325.189	312.247	293.503	274.611	254.826	230.876	218.082	200.826
44.5	333.669	323.851	310.611	291.123	271.636	249.024	225.074	212.132	195.173
45.0	332.479	322.363	309.123	289.784	267.917	243.520	219.421	206.181	189.669
45.5	331.289	320.727	307.189	287.553	264.347	238.016	213.917	200.528	184.462
46.0	329.801	319.090	305.256	285.173	260.776	232.661	208.562	194.876	179.256
46.5	328.165	317.156	303.173	282.793	257.355	227.454	203.057	189.371	173.900
47.0	326.082	314.776	300.941	280.115	253.785	222.099	197.851	184.016	168.843
47.5	324.148	312.247	298.413	277.289	250.066	217.338	192.644	178.810	163.636
48.0	322.065	309.272	296.032	274.165	246.347	212.281	187.586	173.603	158.876
48.5	319.239	306.297	293.503	271.041	242.628	207.371	182.529	168.694	153.520
49.0	316.413	303.173	290.231	267.470	238.611	202.611	177.471	163.785	148.909
49.5	313.884	299.900	286.809	264.049	234.446	198.148	172.710	158.876	144.134
50.0	310.760	296.479	283.239	261.074	230.280	193.537	167.801	154.115	139.701
50.5	307.487	293.652	279.520	257.355	225.966	188.925	163.190	149.653	135.312
51.0	304.363	289.784	275.652	253.338	221.504	184.611	158.578	145.026	130.656
51.5	300.793	285.917	271.487	249.173	217.041	180.148	153.967	140.534	126.431
52.0	296.925	281.603	267.173	244.859	212.281	175.686	149.653	136.175	122.281
52.5	293.057	277.289	263.008	240.694	207.669	171.372	145.413	131.801	118.294
53.0	289.189	272.826	258.991	236.082	203.057	167.057	141.114	127.696	114.277
53.5	284.578	268.066	254.677	231.322	198.148	162.595	137.023	123.560	110.306
54.0	280.115	263.454	250.066	226.859	193.388	158.281	132.932	119.335	106.468
54.5	277.289	259.289	245.305	221.950	188.479	153.818	128.871	115.349	102.734

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CANDELA TABULATION - (Cont.)

55.0	272.380	254.380	240.247	217.190	183.570	149.504	124.899	111.451	99.223
55.5	267.470	249.024	235.338	212.281	178.661	145.160	120.838	107.553	95.444
56.0	262.264	243.966	230.429	207.223	173.752	140.831	117.074	103.686	91.874
56.5	257.057	239.057	225.074	202.314	169.140	136.458	113.117	100.115	88.393
57.0	251.851	233.999	220.165	197.107	164.082	132.382	109.249	96.486	84.927
57.5	246.495	229.090	215.404	191.900	159.471	127.993	105.471	92.901	81.684
58.0	241.289	223.884	210.347	186.843	154.710	123.783	101.588	89.420	78.352
58.5	235.785	218.826	205.438	181.785	149.801	119.677	97.884	85.954	75.154
59.0	230.578	213.619	199.933	176.578	145.011	115.661	94.344	82.532	71.777
59.5	225.223	208.413	195.024	171.372	140.400	111.496	90.714	79.349	68.638
60.0	220.016	203.355	189.967	166.462	135.773	107.524	87.188	76.061	65.573
60.5	214.809	198.297	184.909	161.405	131.251	103.745	83.707	72.818	62.628
61.0	209.752	193.388	179.851	156.347	126.729	99.907	80.345	69.605	59.370
61.5	204.694	188.330	174.942	151.438	122.117	96.129	77.058	66.481	56.425
62.0	199.636	183.272	169.735	146.588	117.610	92.439	73.740	63.431	53.658
62.5	194.578	178.214	164.975	141.783	113.385	88.676	70.423	60.367	50.772
63.0	189.669	173.305	160.066	137.038	109.086	85.165	67.448	57.451	47.901
63.5	184.760	168.396	155.157	132.292	104.906	81.610	64.354	54.521	45.164
64.0	179.702	163.487	150.248	127.710	100.904	78.084	61.349	51.679	42.471
64.5	174.942	158.578	145.606	122.995	96.887	74.678	58.373	48.868	39.793
65.0	170.033	153.818	140.905	118.398	93.020	71.316	55.487	46.160	37.250
65.5	165.124	148.909	136.205	113.891	89.196	67.954	52.691	43.512	34.884
66.0	160.215	144.386	131.415	109.309	85.507	64.696	49.849	40.924	32.534
66.5	155.305	139.552	126.610	105.039	81.803	61.438	47.187	38.440	30.377
67.0	150.545	134.881	122.043	100.740	78.203	58.359	44.509	36.015	28.324
67.5	145.725	130.225	117.416	96.634	74.811	55.309	41.921	33.754	26.479
68.0	140.935	125.702	112.983	92.618	71.375	52.259	39.377	31.463	24.620
68.5	136.220	121.165	108.476	88.691	67.983	49.537	36.982	29.365	23.593
69.0	131.459	116.851	104.147	84.853	64.606	46.696	34.616	27.535	22.850
69.5	126.922	112.388	99.803	81.149	61.378	44.018	32.385	26.093	22.091
70.0	122.340	108.134	95.668	77.474	58.269	41.445	30.228	24.709	21.392
70.5	117.863	103.805	91.502	73.844	55.116	38.975	28.145	23.355	20.678
71.0	113.444	99.669	87.530	70.393	52.111	36.595	26.137	22.135	19.978
71.5	109.101	95.608	83.618	66.897	49.180	34.304	24.293	20.975	19.279
72.0	104.980	91.606	79.869	63.550	46.309	32.073	22.745	20.008	18.595
72.5	100.785	87.649	76.165	60.233	43.572	29.931	21.436	19.309	17.896
73.0	96.664	83.737	72.506	57.049	40.879	27.878	20.157	18.610	17.241
73.5	92.737	79.825	68.861	53.896	38.350	25.899	18.937	17.911	16.542
74.0	88.735	76.120	65.380	50.906	35.851	23.995	17.821	17.256	15.888
74.5	84.882	72.268	61.973	47.916	33.471	22.180	16.735	16.557	15.218
75.0	81.030	68.623	58.686	45.074	31.195	20.469	15.739	15.902	14.593
75.5	77.192	65.038	55.458	42.263	28.993	18.818	14.802	15.248	13.939
76.0	73.502	61.616	52.304	39.540	26.881	17.271	14.028	14.593	13.314
76.5	69.724	58.135	49.210	36.937	24.873	15.873	13.418	13.954	12.719
77.0	66.109	54.759	46.220	34.393	22.954	14.712	12.823	13.329	12.109
77.5	62.449	51.486	43.289	31.909	21.079	13.626	12.198	12.704	11.499
78.0	58.879	48.287	40.418	29.559	19.294	12.585	11.603	12.094	10.904
78.5	55.487	45.178	37.636	27.238	17.598	11.588	11.023	11.514	10.339
79.0	52.021	42.188	34.914	25.036	15.977	10.696	10.443	10.919	9.774
79.5	48.704	39.169	32.281	22.924	14.415	9.833	9.863	10.339	9.193
80.0	45.491	36.342	29.782	20.871	12.957	9.030	9.312	9.774	8.658
80.5	42.278	33.545	27.268	18.952	11.588	8.301	8.762	9.208	8.122
81.0	39.243	30.778	24.828	17.048	10.294	7.661	8.226	8.658	7.602
81.5	36.223	28.116	22.448	15.248	9.223	7.155	7.706	8.107	7.066
82.0	33.278	25.483	20.187	13.552	8.256	6.679	7.185	7.572	6.560
82.5	30.421	22.879	18.000	11.886	7.349	6.188	6.679	7.036	6.040

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

CANDELA TABULATION - (Cont.)

83.0	27.550	20.365	15.858	10.324	6.486	5.727	6.188	6.516	5.534
83.5	24.917	17.851	13.805	8.881	5.698	5.266	5.698	6.010	5.043
84.0	22.195	15.426	11.812	7.542	4.954	4.820	5.236	5.504	4.567
84.5	19.562	13.061	9.922	6.412	4.255	4.388	4.760	5.013	4.106
85.0	17.018	10.755	8.197	5.430	3.645	3.942	4.299	4.522	3.630
85.5	14.459	8.628	6.590	4.522	3.139	3.526	3.853	4.061	3.169
86.0	12.035	6.620	5.355	3.659	2.737	3.109	3.407	3.600	2.722
86.5	9.610	5.117	4.269	2.841	2.380	2.707	2.990	3.154	2.321
87.0	7.274	3.883	3.228	2.127	2.023	2.306	2.559	2.693	1.889
87.5	5.073	2.707	2.291	1.517	1.666	1.919	2.127	2.276	1.473
88.0	3.020	1.651	1.413	1.116	1.324	1.532	1.726	1.859	1.056
88.5	1.413	0.863	0.848	0.893	1.041	1.190	1.354	1.458	0.684
89.0	0.878	0.580	0.655	0.729	0.878	0.937	1.041	1.071	0.298
89.5	0.625	0.446	0.506	0.580	0.684	0.759	0.818	0.848	0.119
90.0	0.372	0.312	0.372	0.431	0.536	0.580	0.640	0.640	0.119
90.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

CANDELA TABULATION - (Cont.)

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

CANDELA TABULATION - (Cont.)

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

CANDELA TABULATION - (Cont.)

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	457.39	N.A.	28.20
0-30	853.01	N.A.	52.70
0-40	1104.19	N.A.	68.20
0-60	1472.3	N.A.	90.90
0-80	1611.1	N.A.	99.50
0-90	1619.31	N.A.	100.00
10-90	1501.13	N.A.	92.70
20-40	646.79	N.A.	39.90
20-50	851.51	N.A.	52.60
40-70	465.73	N.A.	28.80
60-80	138.79	N.A.	8.60
70-80	41.18	N.A.	2.50
80-90	8.21	N.A.	0.50
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1619.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.18
10-20	339.21
20-30	395.62
30-40	251.18
40-50	204.71
50-60	163.40
60-70	97.62
70-80	41.18
80-90	8.21
90-100	0.01
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 : 6DR-TL-L30-835-DIM-UNV-AWW-OF-WH_.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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	89
2	104	98	92	88	102	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	82	77	95	87	81	76	84	79	75	82	78	74	79	76	73	71
4	91	81	74	69	89	80	73	68	77	72	67	75	70	67	73	69	66	64
5	85	74	67	62	83	73	67	61	71	65	61	70	64	60	68	63	60	58
6	80	69	61	56	78	68	61	56	66	60	55	65	59	55	63	58	55	53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49
8	71	59	52	47	69	59	52	47	58	51	47	56	51	47	55	50	47	45
9	67	56	49	44	66	55	48	44	54	48	44	53	47	43	52	47	43	42
10	63	52	45	41	62	52	45	41	51	45	41	50	44	41	49	44	40	39

IES INDOOR REPORT
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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	22.9	24.2	23.2	24.5	24.8	20.3	21.7	20.7	22.0	22.3
	3H	24.3	25.5	24.7	25.8	26.2	21.2	22.4	21.6	22.8	23.1
	4H	24.8	25.9	25.2	26.3	26.7	21.4	22.5	21.8	22.9	23.3
	6H	25.2	26.2	25.6	26.5	26.9	21.5	22.5	21.9	22.9	23.3
	8H	25.3	26.2	25.7	26.6	27.0	21.5	22.4	21.9	22.8	23.2
	12H	25.3	26.2	25.7	26.6	27.0	21.5	22.4	21.9	22.8	23.2

UGR Viewed Endwise

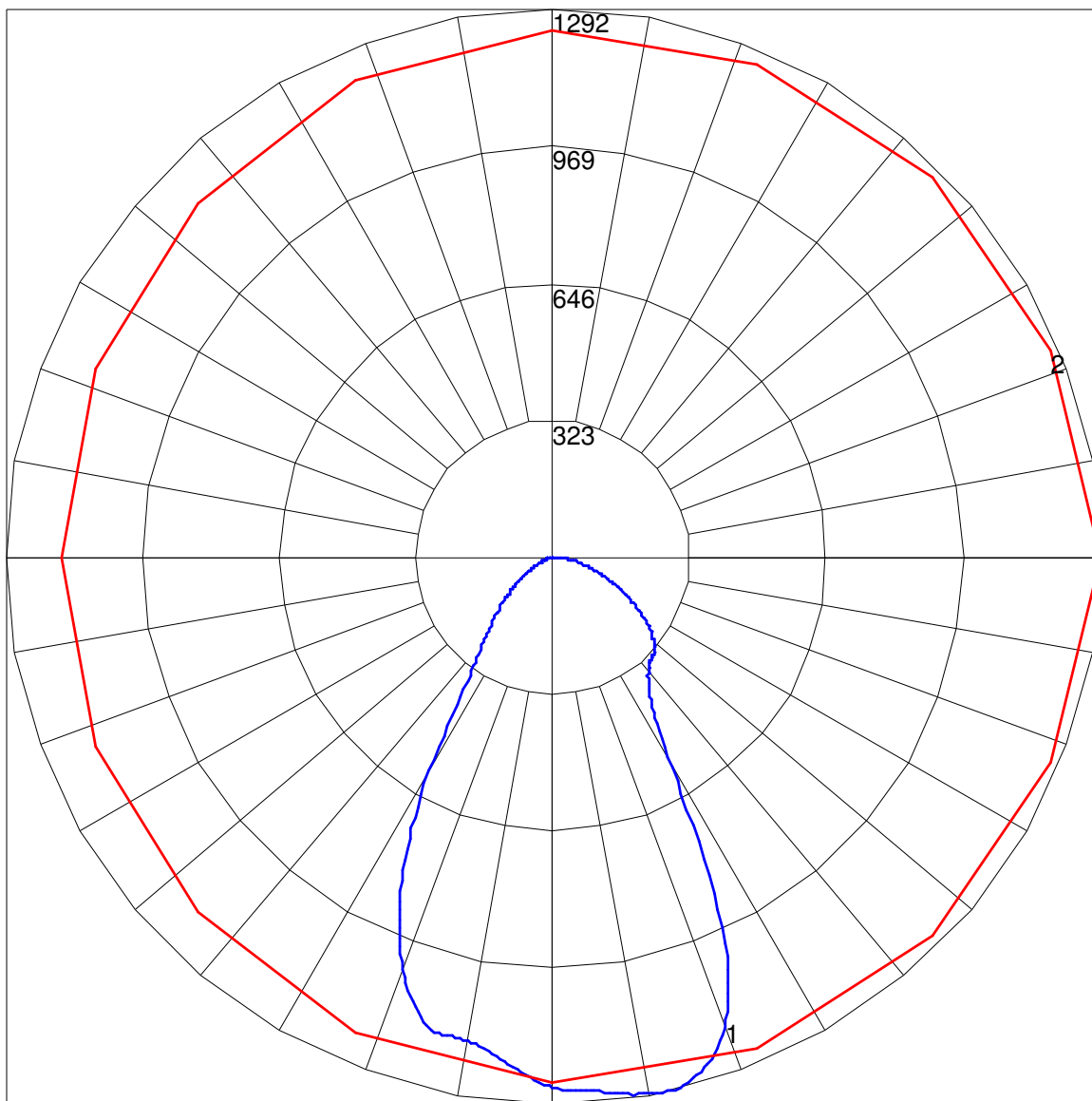
4H	2H	23.2	24.3	23.6	24.7	25.0	20.8	21.9	21.2	22.2	22.6
	3H	24.8	25.7	25.2	26.2	26.6	21.9	22.8	22.3	23.2	23.6
	4H	25.4	26.2	25.9	26.7	27.1	22.1	22.9	22.6	23.4	23.8
	6H	25.9	26.6	26.3	27.0	27.5	22.2	22.9	22.7	23.4	23.9
	8H	26.0	26.6	26.5	27.1	27.5	22.2	22.9	22.7	23.3	23.8
	12H	26.0	26.6	26.5	27.1	27.6	22.2	22.8	22.7	23.3	23.7

8H	4H	25.5	26.1	26.0	26.6	27.1	22.3	22.9	22.8	23.4	23.9
	6H	26.0	26.5	26.5	27.0	27.5	22.5	23.0	23.0	23.5	24.0
	8H	26.2	26.6	26.7	27.1	27.6	22.5	22.9	23.0	23.4	23.9
	12H	26.3	26.7	26.8	27.2	27.7	22.5	22.9	23.0	23.4	23.9

12H	4H	25.5	26.0	25.9	26.5	27.0	22.3	22.9	22.8	23.3	23.8
	6H	26.0	26.4	26.5	26.9	27.5	22.5	22.9	23.0	23.4	24.0
	8H	26.2	26.6	26.7	27.1	27.6	22.5	22.9	23.0	23.4	24.0

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 1292.278 Located At Horizontal Angle = 0, Vertical Angle = 12.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)