



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S22-L31-835-FAD-PC236-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #12609413.01A

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 24-APR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] VDILG-S22-L31/835-FAD/PC236-DIM-UNV

[LUMINAIRE] White formed steel housing, clear lens enclosure, clear in

[MORE] ternal lens, acrylic diffuser

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

[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3064
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	31.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.76 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	3321	3585	3897
55	2917	3263	3773
65	2391	2837	3373
75	1630	1950	1980
85	561	676	529

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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	1202.894	1202.894	1202.894	1202.894	1202.894
0.5	1205.597	1203.569	1202.218	1201.542	1203.569
1.0	1204.921	1203.569	1201.542	1201.542	1203.569
1.5	1204.921	1202.894	1200.866	1200.866	1202.894
2.0	1204.245	1202.218	1200.190	1200.190	1202.218
2.5	1202.894	1201.542	1199.515	1199.515	1200.866
3.0	1202.218	1200.190	1198.839	1198.163	1200.190
3.5	1200.866	1198.839	1197.487	1197.487	1198.839
4.0	1199.515	1197.487	1196.136	1196.136	1197.487
4.5	1197.487	1196.136	1194.784	1194.784	1196.812
5.0	1196.136	1194.784	1193.433	1193.433	1195.460
5.5	1194.108	1192.757	1192.081	1192.081	1194.108
6.0	1192.081	1190.730	1190.054	1190.730	1192.757
6.5	1190.054	1188.702	1188.026	1189.378	1191.405
7.0	1187.351	1186.675	1186.675	1188.026	1190.054
7.5	1185.323	1184.647	1184.647	1186.675	1189.378
8.0	1183.296	1182.620	1183.296	1185.323	1187.351
8.5	1180.593	1180.593	1181.269	1183.296	1186.675
9.0	1178.565	1177.890	1179.917	1181.944	1185.323
9.5	1175.862	1175.862	1177.890	1180.593	1183.296
10.0	1173.159	1173.159	1175.862	1179.241	1181.944
10.5	1169.780	1170.456	1173.159	1177.214	1180.593
11.0	1167.077	1167.753	1171.132	1175.186	1178.565
11.5	1163.698	1165.050	1168.429	1173.159	1177.214
12.0	1160.319	1161.671	1165.726	1171.132	1175.186
12.5	1156.940	1158.292	1163.022	1169.104	1172.483
13.0	1153.561	1154.913	1159.643	1166.401	1170.456
13.5	1149.507	1150.858	1156.265	1163.698	1167.753
14.0	1145.452	1147.479	1152.886	1160.319	1164.374
14.5	1141.397	1143.425	1149.507	1156.940	1161.671
15.0	1137.343	1139.370	1146.128	1153.561	1158.292
15.5	1132.612	1134.640	1142.073	1150.183	1154.913
16.0	1128.557	1130.585	1138.018	1146.128	1150.858
16.5	1123.827	1125.854	1133.964	1142.073	1147.479
17.0	1119.097	1121.124	1129.909	1138.694	1143.425
17.5	1114.366	1116.393	1125.854	1134.640	1140.046
18.0	1108.960	1111.663	1121.124	1130.585	1135.991
18.5	1104.229	1106.932	1116.393	1126.530	1132.612
19.0	1098.823	1101.526	1112.339	1122.475	1128.557
19.5	1093.417	1096.796	1107.608	1119.097	1125.179
20.0	1087.335	1091.389	1102.878	1115.042	1121.124
20.5	1081.928	1085.983	1098.147	1110.987	1117.069
21.0	1075.846	1080.577	1092.741	1106.932	1113.690
21.5	1070.440	1074.495	1088.010	1102.202	1108.960
22.0	1064.358	1069.089	1082.604	1097.471	1104.905
22.5	1058.276	1063.007	1077.198	1092.741	1100.175
23.0	1051.518	1056.924	1071.792	1088.010	1095.444
23.5	1044.760	1050.842	1065.710	1082.604	1090.038
24.0	1038.678	1044.085	1060.303	1077.198	1085.307
24.5	1031.921	1037.327	1054.221	1071.792	1079.901
25.0	1024.487	1030.569	1048.139	1065.710	1074.495
25.5	1017.053	1023.811	1041.381	1059.628	1068.413
26.0	1010.295	1016.378	1035.299	1053.546	1063.007
26.5	1002.186	1008.944	1028.542	1047.464	1056.924

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L31-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	994.752	1001.510	1021.784	1041.381	1051.518
27.5	986.643	994.077	1015.026	1035.299	1045.436
28.0	979.209	986.643	1008.268	1029.217	1039.354
28.5	971.100	979.209	1001.510	1023.135	1033.948
29.0	963.666	971.776	994.752	1017.053	1027.866
29.5	955.557	964.342	987.995	1010.971	1021.784
30.0	947.448	956.233	980.561	1004.889	1016.378
30.5	939.338	948.799	973.803	998.131	1010.295
31.0	931.905	941.366	966.370	992.049	1004.213
31.5	923.795	933.256	959.612	985.967	998.131
32.0	915.686	925.823	952.178	979.209	992.049
32.5	907.576	917.713	944.745	972.452	985.291
33.0	899.467	909.604	937.311	965.694	979.209
33.5	890.682	901.494	929.877	958.936	972.452
34.0	882.572	893.385	922.444	952.178	965.694
34.5	874.463	885.276	914.334	944.745	958.936
35.0	865.678	876.490	906.901	937.987	952.178
35.5	856.217	868.381	899.467	930.553	945.420
36.0	847.432	859.596	891.358	923.119	938.662
36.5	838.647	850.811	883.248	916.362	931.905
37.0	829.861	842.026	875.815	908.928	924.471
37.5	821.076	833.916	867.705	901.494	917.713
38.0	812.291	825.131	858.920	893.385	910.280
38.5	802.830	816.346	850.811	885.951	902.846
39.0	794.045	807.561	842.701	877.842	894.737
39.5	785.260	798.775	833.916	870.408	887.303
40.0	775.799	789.990	825.131	862.299	879.194
40.5	767.014	780.529	817.022	853.514	871.760
41.0	757.553	771.744	808.236	845.404	863.651
41.5	748.092	762.959	799.451	837.295	856.217
42.0	739.307	753.498	789.990	829.186	848.108
42.5	729.846	744.037	781.205	820.400	840.674
43.0	720.385	734.576	771.744	812.291	832.565
43.5	710.924	725.115	762.959	803.506	824.455
44.0	700.787	715.654	754.174	795.396	816.346
44.5	691.326	706.193	744.713	786.611	808.236
45.0	681.865	696.056	735.928	778.502	800.127
45.5	672.134	686.595	726.467	770.393	792.018
46.0	662.335	677.134	717.681	761.607	783.232
46.5	652.536	667.065	708.220	752.822	775.123
47.0	642.805	657.334	699.435	744.037	766.338
47.5	633.073	647.468	689.974	735.252	758.228
48.0	623.275	637.804	680.513	726.467	750.119
48.5	613.611	627.937	670.850	717.006	742.010
49.0	603.812	618.139	661.254	708.220	733.900
49.5	593.946	608.407	651.387	698.760	725.791
50.0	584.012	598.676	641.656	689.974	717.006
50.5	574.078	588.675	631.857	681.189	708.896
51.0	564.346	578.740	622.058	672.336	700.111
51.5	554.750	568.739	612.259	663.416	691.326
52.0	545.019	558.670	602.258	654.496	682.541
52.5	535.220	548.668	592.459	645.508	673.891
53.0	525.421	538.599	582.728	636.452	664.903
53.5	515.487	528.462	572.929	627.262	655.847
54.0	505.553	518.325	563.130	617.936	646.589
54.5	495.619	508.054	553.399	608.678	637.398

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L31-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	485.820	497.782	543.465	599.284	628.275
55.5	475.954	487.577	533.531	589.891	619.017
56.0	466.223	477.238	523.529	580.295	609.827
56.5	456.289	467.034	513.527	570.834	600.771
57.0	446.287	456.897	503.661	561.238	591.445
57.5	436.488	446.693	493.862	551.709	582.187
58.0	426.554	436.623	483.996	542.045	572.861
58.5	416.755	426.487	474.332	532.382	563.535
59.0	407.024	416.417	464.533	522.786	554.074
59.5	397.428	406.416	454.802	513.257	544.681
60.0	387.697	396.549	444.868	503.593	535.288
60.5	378.101	386.683	435.069	493.997	526.165
61.0	368.504	376.952	425.270	484.266	515.690
61.5	358.976	367.018	415.404	474.602	503.729
62.0	349.447	357.151	405.605	465.141	491.294
62.5	340.122	347.352	395.941	455.005	478.792
63.0	330.863	337.621	386.345	444.462	466.290
63.5	321.470	328.025	376.681	433.244	453.585
64.0	312.077	318.361	367.085	421.418	441.016
64.5	302.683	308.698	357.489	409.524	428.649
65.0	293.357	299.102	348.096	397.428	413.917
65.5	284.167	289.641	338.635	385.196	398.239
66.0	274.908	280.315	329.241	373.032	382.290
66.5	265.853	270.921	319.848	360.327	367.153
67.0	256.933	261.731	310.455	346.339	353.570
67.5	248.012	252.608	301.129	331.742	339.986
68.0	238.957	243.552	291.262	317.753	326.200
68.5	229.901	234.429	281.126	303.900	312.009
69.0	220.981	225.441	271.124	290.857	297.615
69.5	212.128	216.588	260.717	277.882	282.950
70.0	203.478	207.803	250.175	265.042	268.759
70.5	194.896	199.086	239.633	252.202	256.189
71.0	186.246	190.571	229.023	239.160	243.890
71.5	177.866	182.191	218.481	226.455	231.726
72.0	169.419	173.879	207.736	214.831	219.494
72.5	161.039	165.567	197.329	203.613	207.263
73.0	152.997	157.593	186.719	192.733	195.166
73.5	145.158	149.956	176.109	181.988	183.002
74.0	137.319	142.117	166.040	171.311	171.176
74.5	130.156	134.616	156.376	160.904	159.823
75.0	122.519	126.912	146.510	150.429	148.807
75.5	115.221	119.343	137.049	139.887	137.860
76.0	107.990	112.045	127.858	129.750	127.385
76.5	100.759	104.746	119.141	119.951	117.383
77.0	93.731	97.515	110.964	110.558	107.923
77.5	86.906	90.758	103.260	101.570	98.867
78.0	80.215	84.000	95.421	92.988	90.487
78.5	73.795	77.377	87.987	84.878	82.378
79.0	67.578	70.957	80.553	76.972	74.471
79.5	61.631	64.808	73.390	69.470	67.105
80.0	55.955	58.996	66.565	62.375	60.077
80.5	50.549	53.387	60.077	55.820	53.590
81.0	45.413	48.048	53.927	49.670	47.508
81.5	40.547	43.047	48.048	43.926	41.831
82.0	35.884	38.317	42.439	38.587	36.492
82.5	31.491	33.857	37.236	33.654	31.559

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PHOTOMETRIC FILENAME : VDILG-S22-L31-835-FAD-PC236-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	27.369	29.667	32.370	29.126	27.031
83.5	23.585	25.815	27.977	25.004	22.977
84.0	20.138	22.301	23.990	21.287	19.260
84.5	17.030	19.057	20.341	17.976	16.084
85.0	14.191	16.219	17.097	15.070	13.381
85.5	11.691	13.583	14.191	12.502	11.015
86.0	9.461	11.286	11.759	10.272	9.055
86.5	7.569	9.258	9.529	8.312	7.231
87.0	5.947	7.434	7.636	6.555	5.609
87.5	4.663	5.947	6.014	5.001	4.122
88.0	3.582	4.798	4.730	3.852	3.109
88.5	2.703	3.784	3.717	3.109	2.568
89.0	1.960	3.041	3.041	2.500	2.163
89.5	1.554	2.433	2.433	2.095	1.757
90.0	1.149	1.892	1.892	1.689	1.419
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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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 : VDILG-S22-L31-835-FAD-PC236-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 : VDILG-S22-L31-835-FAD-PC236-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 : VDILG-S22-L31-835-FAD-PC236-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	436.64	N.A.	14.30
0-30	919.10	N.A.	30.00
0-40	1486.41	N.A.	48.50
0-60	2546.09	N.A.	83.10
0-80	3041.14	N.A.	99.30
0-90	3064.03	N.A.	100.00
10-90	2950.61	N.A.	96.30
20-40	1049.77	N.A.	34.30
20-50	1618.65	N.A.	52.80
40-70	1403.82	N.A.	45.80
60-80	495.05	N.A.	16.20
70-80	150.92	N.A.	4.90
80-90	22.88	N.A.	0.70
90-110	0.05	N.A.	0.00
90-120	0.05	N.A.	0.00
90-130	0.05	N.A.	0.00
90-150	0.05	N.A.	0.00
90-180	0.05	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3064.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	113.42
10-20	323.23
20-30	482.46
30-40	567.31
40-50	568.88
50-60	490.80
60-70	344.14
70-80	150.92
80-90	22.88
90-100	0.05
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 : VDILG-S22-L31-835-FAD-PC236-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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	92	86	81	98	91	85	80	87	82	78	84	80	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	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	49	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S22-L31-835-FAD-PC236-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

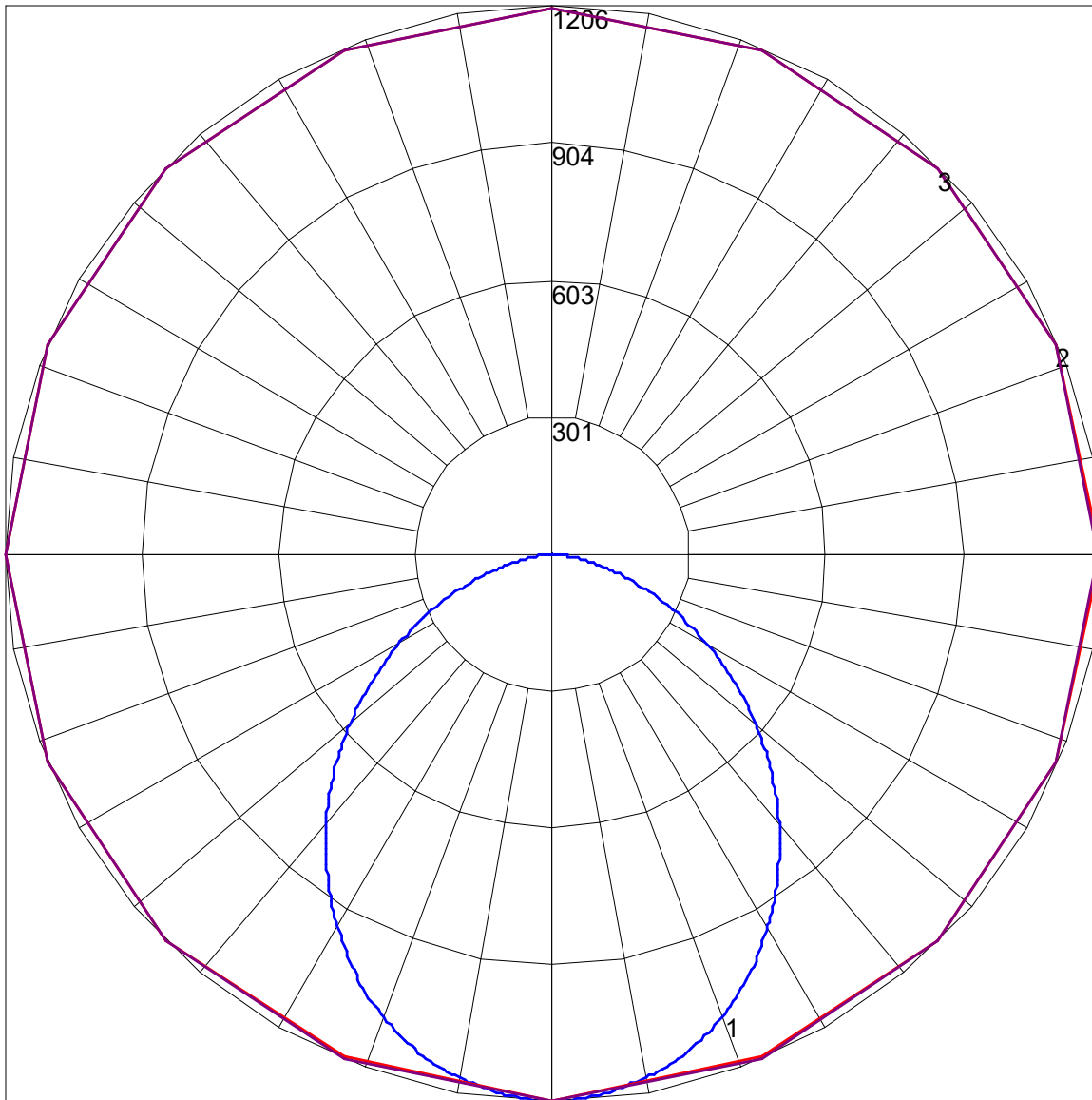
X=2H	Y=2H	15.4	17.0	15.8	17.3	17.6	17.0	18.6	17.4	18.9	19.2
	3H	16.8	18.2	17.1	18.5	18.9	18.5	19.9	18.8	20.2	20.6
	4H	17.2	18.5	17.6	18.8	19.2	18.8	20.2	19.2	20.5	20.9
	6H	17.4	18.6	17.8	19.0	19.3	19.0	20.2	19.4	20.6	21.0
	8H	17.4	18.6	17.8	18.9	19.3	19.0	20.2	19.4	20.5	20.9
	12H	17.4	18.5	17.8	18.9	19.3	19.0	20.1	19.4	20.5	20.9

UGR Viewed Endwise

4H	2H	16.1	17.5	16.5	17.8	18.2	17.4	18.7	17.8	19.1	19.5
	3H	17.7	18.8	18.1	19.2	19.6	19.1	20.2	19.5	20.6	21.0
	4H	18.1	19.1	18.6	19.5	20.0	19.5	20.5	20.0	20.9	21.4
	6H	18.4	19.3	18.8	19.7	20.2	19.7	20.6	20.2	21.0	21.5
	8H	18.4	19.2	18.9	19.7	20.1	19.8	20.6	20.2	21.0	21.5
	12H	18.4	19.2	18.9	19.6	20.1	19.7	20.5	20.2	20.9	21.4
8H	4H	18.4	19.2	18.8	19.6	20.1	19.7	20.5	20.1	20.9	21.4
	6H	18.7	19.3	19.2	19.8	20.3	19.9	20.6	20.4	21.1	21.5
	8H	18.7	19.3	19.2	19.8	20.3	19.9	20.5	20.4	21.0	21.5
	12H	18.7	19.3	19.3	19.8	20.3	19.9	20.5	20.4	21.0	21.5
12H	4H	18.4	19.1	18.8	19.6	20.0	19.6	20.4	20.1	20.8	21.3
	6H	18.7	19.3	19.2	19.8	20.3	19.9	20.5	20.4	21.0	21.5
	8H	18.8	19.3	19.3	19.8	20.3	19.9	20.5	20.4	21.0	21.5

Maximum UGR = 21.5

POLAR GRAPH



Maximum Candela = 1205.597 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.)
3 - Horizontal Cone Through Vertical Angle (0)