



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S24-L36-835-FAD-PC236-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL#12609413.02A

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 24-APR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S24-L36/835-FAD/PC236-DIM-UNV

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

[MORE] internal 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	3637
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	37.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.77 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	1873	1984	2100
55	1663	1824	2024
65	1396	1632	1836
75	989	1122	1142
85	382	425	424

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : VDILG-S24-L36-835-FAD-PC236-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>
<b>0.0</b>	1404.813	1404.813	1404.813	1404.813	1404.813
<b>0.5</b>	1425.743	1411.789	1399.067	1396.604	1397.425
<b>1.0</b>	1425.333	1411.379	1399.067	1396.604	1397.015
<b>1.5</b>	1424.922	1410.969	1398.657	1396.194	1396.604
<b>2.0</b>	1424.512	1410.558	1397.836	1395.784	1396.194
<b>2.5</b>	1423.691	1409.737	1397.425	1394.963	1395.784
<b>3.0</b>	1422.870	1408.917	1396.604	1394.552	1394.963
<b>3.5</b>	1422.050	1408.096	1395.373	1393.732	1394.142
<b>4.0</b>	1420.818	1406.865	1394.552	1392.500	1393.321
<b>4.5</b>	1419.177	1405.223	1393.321	1391.269	1392.090
<b>5.0</b>	1417.535	1403.992	1391.680	1390.038	1390.859
<b>5.5</b>	1415.893	1401.940	1390.038	1388.807	1389.628
<b>6.0</b>	1413.841	1399.888	1388.396	1387.165	1387.986
<b>6.5</b>	1411.379	1397.836	1386.755	1385.524	1386.344
<b>7.0</b>	1408.917	1395.784	1384.703	1383.882	1384.703
<b>7.5</b>	1406.454	1393.321	1382.651	1381.830	1382.651
<b>8.0</b>	1403.581	1390.448	1380.188	1379.778	1380.599
<b>8.5</b>	1400.298	1387.576	1377.726	1377.726	1378.547
<b>9.0</b>	1397.015	1384.703	1375.263	1375.674	1376.084
<b>9.5</b>	1393.321	1381.420	1372.391	1372.801	1373.622
<b>10.0</b>	1389.628	1377.726	1369.518	1370.339	1371.159
<b>10.5</b>	1385.934	1374.443	1366.645	1367.466	1368.697
<b>11.0</b>	1381.830	1370.749	1363.362	1364.593	1365.824
<b>11.5</b>	1377.726	1366.645	1359.668	1361.720	1362.951
<b>12.0</b>	1373.211	1362.541	1356.385	1358.437	1360.079
<b>12.5</b>	1368.697	1358.437	1352.281	1355.154	1357.206
<b>13.0</b>	1363.772	1353.922	1348.587	1351.870	1353.922
<b>13.5</b>	1358.847	1348.998	1344.483	1348.177	1350.639
<b>14.0</b>	1353.922	1344.483	1339.969	1344.483	1347.356
<b>14.5</b>	1348.998	1339.558	1335.454	1340.790	1343.662
<b>15.0</b>	1343.662	1334.223	1330.940	1336.686	1339.969
<b>15.5</b>	1337.917	1328.888	1326.425	1332.581	1336.275
<b>16.0</b>	1332.581	1323.553	1321.501	1328.067	1332.171
<b>16.5</b>	1326.836	1318.217	1316.165	1323.553	1328.067
<b>17.0</b>	1321.090	1312.472	1310.830	1319.038	1323.963
<b>17.5</b>	1314.934	1306.316	1305.495	1314.524	1319.038
<b>18.0</b>	1308.778	1300.570	1300.160	1309.599	1314.524
<b>18.5</b>	1302.622	1294.414	1294.414	1304.674	1309.599
<b>19.0</b>	1296.056	1287.847	1288.668	1299.339	1304.674
<b>19.5</b>	1289.489	1281.691	1282.923	1294.004	1299.749
<b>20.0</b>	1282.512	1275.125	1277.177	1288.668	1294.414
<b>20.5</b>	1275.946	1268.558	1271.021	1282.923	1289.489
<b>21.0</b>	1268.969	1261.992	1264.865	1277.587	1283.743
<b>21.5</b>	1261.992	1255.015	1258.709	1271.842	1278.408
<b>22.0</b>	1254.605	1248.038	1252.553	1266.096	1272.663
<b>22.5</b>	1247.217	1241.061	1245.986	1260.350	1266.917
<b>23.0</b>	1239.830	1234.085	1239.830	1254.194	1261.582
<b>23.5</b>	1232.443	1226.697	1233.264	1248.449	1255.836
<b>24.0</b>	1224.645	1219.720	1226.697	1242.293	1249.680
<b>24.5</b>	1216.848	1212.333	1220.131	1236.137	1243.934
<b>25.0</b>	1209.050	1204.535	1213.154	1229.981	1237.778
<b>25.5</b>	1201.252	1197.148	1206.177	1223.824	1231.622
<b>26.0</b>	1193.044	1189.761	1199.200	1217.258	1225.466
<b>26.5</b>	1185.246	1181.963	1192.223	1211.102	1219.310

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : VDILG-S24-L36-835-FAD-PC236-DIM-UNV\_.IES****CANDELA TABULATION - (Cont.)**

27.0	1177.038	1174.166	1185.246	1204.535	1213.154
27.5	1168.420	1165.958	1177.859	1197.969	1206.587
28.0	1160.212	1158.160	1170.882	1190.992	1200.021
28.5	1152.004	1149.952	1163.495	1184.426	1193.455
29.0	1142.564	1141.744	1156.108	1177.449	1187.299
29.5	1133.946	1133.536	1148.721	1170.472	1180.322
30.0	1124.917	1125.328	1140.923	1163.905	1173.755
30.5	1116.299	1116.709	1133.536	1156.929	1167.189
31.0	1107.270	1108.501	1125.738	1149.952	1160.622
31.5	1098.241	1099.882	1118.351	1142.564	1153.645
32.0	1089.212	1090.854	1110.553	1135.588	1147.079
32.5	1080.593	1082.235	1102.345	1128.611	1140.102
33.0	1071.154	1073.617	1094.547	1121.223	1133.125
33.5	1062.125	1064.588	1086.339	1113.836	1126.148
34.0	1052.686	1055.559	1078.131	1106.449	1118.761
34.5	1043.247	1046.530	1069.923	1098.651	1111.784
35.0	1033.807	1037.501	1061.305	1090.854	1104.397
35.5	1024.368	1028.062	1052.686	1083.056	1096.599
36.0	1014.518	1018.622	1044.068	1075.258	1088.802
36.5	1004.669	1009.183	1035.449	1067.050	1081.004
37.0	994.409	999.744	1026.831	1058.842	1072.796
37.5	984.149	990.305	1017.802	1050.634	1064.177
38.0	973.888	980.455	1008.773	1042.016	1055.559
38.5	963.628	970.605	999.744	1032.987	1046.940
39.0	952.958	960.756	990.715	1024.368	1037.911
39.5	942.698	950.906	981.276	1015.339	1028.472
40.0	931.617	940.646	971.836	1005.900	1019.033
40.5	920.946	930.796	962.397	996.461	1009.594
41.0	910.276	920.126	952.547	986.611	999.744
41.5	899.605	909.865	942.698	977.172	989.484
42.0	888.524	899.195	932.848	966.912	979.224
42.5	877.854	888.935	922.998	956.652	969.374
43.0	866.363	877.854	912.738	946.391	959.524
43.5	855.692	867.594	902.889	935.721	950.085
44.0	844.611	856.513	892.218	925.050	941.056
44.5	833.530	845.432	881.958	914.380	931.617
45.0	822.449	834.762	871.287	903.709	922.178
45.5	810.958	823.681	860.617	893.860	912.738
46.0	799.877	812.600	849.946	884.010	903.709
46.5	788.796	801.929	839.276	874.160	894.270
47.0	777.305	790.848	828.605	864.311	884.831
47.5	765.814	779.767	817.525	854.461	875.802
48.0	754.733	768.276	806.444	844.611	866.773
48.5	742.831	757.195	795.363	834.762	858.155
49.0	731.750	746.114	784.282	824.912	848.715
49.5	719.848	735.033	772.791	815.062	839.276
50.0	708.357	723.952	761.710	805.623	829.016
50.5	696.866	712.461	750.218	796.184	818.345
51.0	684.964	701.380	738.727	786.744	807.264
51.5	673.473	689.889	727.236	777.305	797.004
52.0	661.571	678.808	715.744	767.045	786.334
52.5	650.080	667.317	704.253	756.374	775.663
53.0	638.588	656.236	693.172	745.293	764.582
53.5	627.097	644.745	682.091	734.623	753.912
54.0	615.195	633.664	671.421	723.542	742.831
54.5	603.704	622.172	660.750	712.461	731.750

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55.0	592.213	610.681	649.669	701.380	721.080
55.5	581.132	599.600	638.999	690.299	709.999
56.0	569.641	588.109	628.328	678.808	699.328
56.5	558.149	577.028	618.068	667.727	688.658
57.0	547.068	565.537	607.398	656.236	677.577
57.5	535.577	554.045	597.138	645.565	666.496
58.0	524.496	542.964	586.878	634.484	655.415
58.5	513.005	531.473	577.028	623.404	644.334
59.0	501.924	520.392	566.357	611.912	633.253
59.5	490.433	509.311	555.687	600.831	622.172
60.0	478.941	497.820	544.196	589.340	611.091
60.5	467.860	486.739	532.294	578.259	600.421
61.0	456.369	475.248	520.803	566.768	589.750
61.5	445.288	464.167	509.311	555.687	579.490
62.0	433.797	452.676	497.820	544.196	569.641
62.5	422.716	441.595	485.918	533.115	558.149
63.0	411.225	430.103	474.427	522.034	544.196
63.5	399.980	419.022	462.525	511.774	529.421
64.0	388.735	407.449	451.444	501.514	514.236
64.5	377.572	396.163	439.953	489.612	498.230
65.0	366.450	384.836	428.462	475.658	481.814
65.5	355.287	373.509	417.381	460.884	464.167
66.0	344.206	362.058	405.889	445.699	447.340
66.5	333.330	350.731	394.357	430.103	429.693
67.0	322.619	339.404	382.907	413.277	411.225
67.5	311.989	328.159	371.580	397.066	392.223
68.0	301.401	317.283	360.294	380.485	372.401
68.5	290.730	306.490	349.131	363.290	355.246
69.0	280.183	295.942	338.337	345.560	341.087
69.5	269.800	285.559	327.954	327.420	327.749
70.0	259.252	275.299	317.078	310.594	314.903
70.5	248.910	265.244	304.520	296.558	301.934
71.0	238.568	255.394	291.141	283.835	288.883
71.5	228.308	245.750	277.556	271.359	275.627
72.0	218.130	236.352	263.397	259.088	262.207
72.5	208.116	226.871	249.279	246.735	248.869
73.0	198.102	216.242	235.161	234.382	235.326
73.5	188.129	205.284	220.838	221.946	221.987
74.0	178.279	194.655	206.310	209.511	208.855
74.5	168.512	184.230	192.438	197.199	196.050
75.0	158.949	174.134	180.414	184.928	183.574
75.5	149.592	164.408	169.702	173.026	171.508
76.0	140.481	154.845	159.483	161.535	159.770
76.5	131.575	145.447	149.510	150.454	148.689
77.0	122.875	136.172	139.578	139.660	137.978
77.5	114.380	127.061	129.811	129.318	127.636
78.0	106.007	118.278	120.166	119.386	117.950
78.5	97.963	109.865	110.768	109.783	108.388
79.0	90.248	101.534	101.903	100.713	99.482
79.5	82.861	93.244	93.367	92.013	90.781
80.0	75.761	84.584	84.954	83.681	82.696
80.5	68.743	76.130	76.910	75.802	74.858
81.0	62.176	67.922	69.235	68.332	67.635
81.5	55.774	60.042	62.053	61.273	60.617
82.0	49.823	52.983	55.199	54.584	54.132
82.5	44.077	46.745	48.797	48.305	47.894

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : VDILG-S24-L36-835-FAD-PC236-DIM-UNV\_.IES****CANDELA TABULATION - (Cont.)**

83.0	38.660	41.081	42.764	42.436	42.190
83.5	33.571	35.828	37.224	36.977	36.813
84.0	28.933	30.862	32.012	31.970	31.806
84.5	24.624	26.307	27.251	27.292	27.292
85.0	20.684	22.121	22.983	23.106	22.942
85.5	17.114	18.345	19.166	19.125	19.002
86.0	13.913	14.980	15.760	15.677	15.472
86.5	11.122	12.066	12.764	12.517	12.148
87.0	8.701	9.480	10.055	9.686	9.234
87.5	6.649	7.346	7.839	7.141	6.484
88.0	5.007	5.623	5.910	5.089	4.514
88.5	3.612	4.145	4.227	3.612	3.160
89.0	2.462	2.832	2.955	2.545	2.257
89.5	1.642	1.806	2.011	1.765	1.560
90.0	1.108	1.313	1.395	1.190	1.026
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 : VDILG-S24-L36-835-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-S24-L36-835-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-S24-L36-835-FAD-PC236-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	509.23	N.A.	14.00
0-30	1070.29	N.A.	29.40
0-40	1735.73	N.A.	47.70
0-60	2992.85	N.A.	82.30
0-80	3605.31	N.A.	99.10
0-90	3636.92	N.A.	100.00
10-90	3504.25	N.A.	96.40
20-40	1226.5	N.A.	33.70
20-50	1898.17	N.A.	52.20
40-70	1677.14	N.A.	46.10
60-80	612.47	N.A.	16.80
70-80	192.44	N.A.	5.30
80-90	31.61	N.A.	0.90
90-110	0.03	N.A.	0.00
90-120	0.03	N.A.	0.00
90-130	0.03	N.A.	0.00
90-150	0.03	N.A.	0.00
90-180	0.03	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3636.96	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	132.67
10-20	376.56
20-30	561.06
30-40	665.44
40-50	671.67
50-60	585.44
60-70	420.03
70-80	192.44
80-90	31.61
90-100	0.03
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-S24-L36-835-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	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	32
9	58	44	36	31	56	44	36	31	43	35	31	42	35	30	41	35	30	28
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28	38	32	27	26

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S24-L36-835-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

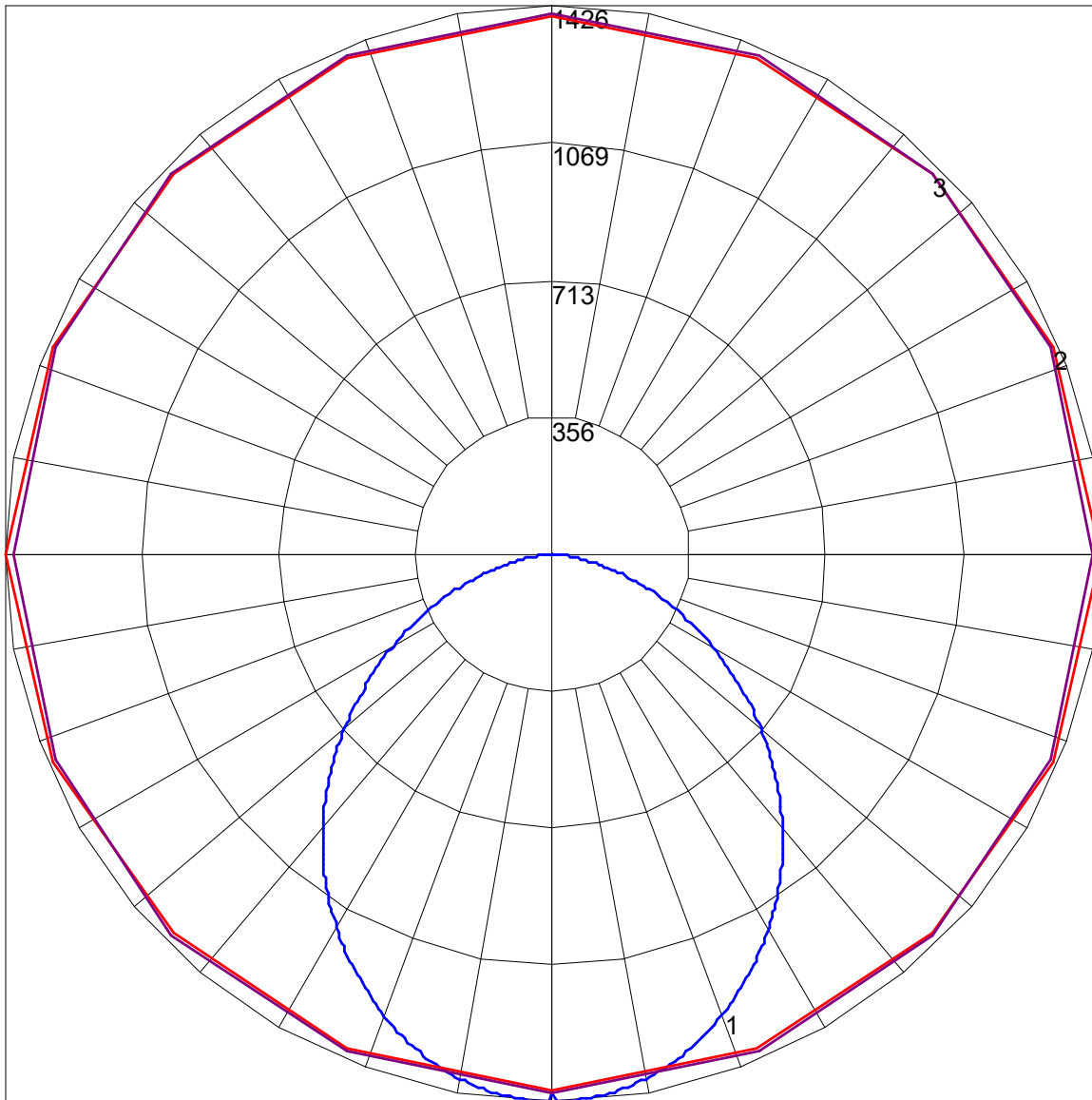
X=2H	Y=2H	13.7	15.3	14.0	15.6	15.9	14.8	16.4	15.2	16.7	17.0
	3H	15.1	16.5	15.5	16.9	17.2	16.3	17.7	16.7	18.1	18.4
	4H	15.5	16.9	15.9	17.2	17.6	16.7	18.1	17.1	18.4	18.8
	6H	15.8	17.0	16.2	17.4	17.8	16.9	18.1	17.3	18.5	18.9
	8H	15.8	17.0	16.2	17.4	17.8	16.9	18.1	17.3	18.5	18.9
	12H	15.8	16.9	16.2	17.3	17.8	16.9	18.0	17.3	18.4	18.9

### UGR Viewed Endwise

4H	2H	14.4	15.7	14.8	16.1	16.4	15.3	16.6	15.7	17.0	17.4
	3H	16.0	17.1	16.4	17.5	17.9	17.0	18.1	17.4	18.5	18.9
	4H	16.5	17.6	17.0	18.0	18.4	17.5	18.5	17.9	18.9	19.3
	6H	16.8	17.7	17.3	18.2	18.6	17.7	18.6	18.2	19.0	19.5
	8H	16.9	17.7	17.4	18.2	18.6	17.8	18.6	18.2	19.0	19.5
	12H	16.9	17.7	17.4	18.1	18.6	17.8	18.5	18.2	19.0	19.5
8H	4H	16.8	17.6	17.2	18.0	18.5	17.6	18.4	18.1	18.9	19.4
	6H	17.2	17.8	17.6	18.3	18.8	17.9	18.6	18.4	19.1	19.6
	8H	17.2	17.8	17.7	18.3	18.8	18.0	18.6	18.5	19.1	19.6
	12H	17.3	17.8	17.8	18.3	18.9	18.0	18.6	18.5	19.1	19.6
12H	4H	16.8	17.5	17.3	18.0	18.5	17.6	18.4	18.1	18.8	19.3
	6H	17.2	17.8	17.7	18.2	18.8	17.9	18.5	18.4	19.0	19.5
	8H	17.3	17.8	17.8	18.3	18.9	18.0	18.6	18.5	19.0	19.6

Maximum UGR = 19.6

POLAR GRAPH



Maximum Candela = 1425.743 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)