



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S24-L45-835-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-L45/835-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	4532
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	48
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	2334	2472	2617
55	2072	2273	2522
65	1740	2034	2288
75	1232	1399	1423
85	476	529	528

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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	1750.512	1750.512	1750.512	1750.512	1750.512
0.5	1776.593	1759.205	1743.352	1740.284	1741.306
1.0	1776.081	1758.694	1743.352	1740.284	1740.795
1.5	1775.570	1758.182	1742.841	1739.772	1740.284
2.0	1775.059	1757.671	1741.818	1739.261	1739.772
2.5	1774.036	1756.648	1741.306	1738.238	1739.261
3.0	1773.013	1755.626	1740.284	1737.727	1738.238
3.5	1771.990	1754.603	1738.749	1736.704	1737.215
4.0	1770.456	1753.069	1737.727	1735.170	1736.192
4.5	1768.410	1751.023	1736.192	1733.635	1734.658
5.0	1766.365	1749.489	1734.147	1732.101	1733.124
5.5	1764.319	1746.932	1732.101	1730.567	1731.590
6.0	1761.762	1744.375	1730.056	1728.521	1729.544
6.5	1758.694	1741.818	1728.010	1726.476	1727.499
7.0	1755.626	1739.261	1725.453	1724.430	1725.453
7.5	1752.557	1736.192	1722.896	1721.873	1722.896
8.0	1748.977	1732.613	1719.828	1719.316	1720.339
8.5	1744.886	1729.033	1716.759	1716.759	1717.782
9.0	1740.795	1725.453	1713.691	1714.202	1714.714
9.5	1736.192	1721.362	1710.111	1710.623	1711.645
10.0	1731.590	1716.759	1706.531	1707.554	1708.577
10.5	1726.987	1712.668	1702.952	1703.974	1705.509
11.0	1721.873	1708.066	1698.860	1700.395	1701.929
11.5	1716.759	1702.952	1694.258	1696.815	1698.349
12.0	1711.134	1697.838	1690.167	1692.724	1694.769
12.5	1705.509	1692.724	1685.053	1688.633	1691.189
13.0	1699.372	1687.098	1680.450	1684.541	1687.098
13.5	1693.235	1680.962	1675.336	1679.939	1683.007
14.0	1687.098	1675.336	1669.711	1675.336	1678.916
14.5	1680.962	1669.199	1664.085	1670.734	1674.313
15.0	1674.313	1662.551	1658.460	1665.620	1669.711
15.5	1667.154	1655.903	1652.835	1660.506	1665.108
16.0	1660.506	1649.255	1646.698	1654.880	1659.994
16.5	1653.346	1642.607	1640.050	1649.255	1654.880
17.0	1646.187	1635.447	1633.402	1643.630	1649.766
17.5	1638.516	1627.776	1626.753	1638.004	1643.630
18.0	1630.845	1620.617	1620.105	1631.867	1638.004
18.5	1623.174	1612.946	1612.946	1625.731	1631.867
19.0	1614.991	1604.763	1605.786	1619.083	1625.731
19.5	1606.809	1597.092	1598.627	1612.434	1619.594
20.0	1598.115	1588.910	1591.467	1605.786	1612.946
20.5	1589.933	1580.728	1583.796	1598.627	1606.809
21.0	1581.239	1572.545	1576.125	1591.979	1599.649
21.5	1572.545	1563.852	1568.454	1584.819	1593.001
22.0	1563.340	1555.158	1560.783	1577.659	1585.842
22.5	1554.135	1546.464	1552.601	1570.500	1578.682
23.0	1544.930	1537.770	1544.930	1562.829	1572.034
23.5	1535.725	1528.565	1536.748	1555.669	1564.874
24.0	1526.008	1519.872	1528.565	1547.998	1557.204
24.5	1516.292	1510.666	1520.383	1540.327	1550.044
25.0	1506.575	1500.950	1511.689	1532.656	1542.373
25.5	1496.859	1491.745	1502.995	1524.986	1534.702
26.0	1486.631	1482.540	1494.302	1516.803	1527.031
26.5	1476.914	1472.823	1485.608	1509.132	1519.360

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27.0	1466.686	1463.106	1476.914	1500.950	1511.689
27.5	1455.947	1452.879	1467.709	1492.768	1503.507
28.0	1445.719	1443.162	1459.015	1484.074	1495.324
28.5	1435.491	1432.934	1449.810	1475.891	1487.142
29.0	1423.729	1422.706	1440.605	1467.198	1479.471
29.5	1412.990	1412.478	1431.400	1458.504	1470.777
30.0	1401.739	1402.250	1421.683	1450.322	1462.595
30.5	1391.000	1391.511	1412.478	1441.628	1454.413
31.0	1379.749	1381.283	1402.762	1432.934	1446.230
31.5	1368.498	1370.544	1393.557	1423.729	1437.537
32.0	1357.247	1359.293	1383.840	1415.035	1429.354
32.5	1346.508	1348.554	1373.612	1406.341	1420.661
33.0	1334.746	1337.814	1363.895	1397.136	1411.967
33.5	1323.495	1326.564	1353.668	1387.931	1403.273
34.0	1311.733	1315.313	1343.440	1378.726	1394.068
34.5	1299.971	1304.062	1333.212	1369.009	1385.374
35.0	1288.209	1292.811	1322.472	1359.293	1376.169
35.5	1276.447	1281.049	1311.733	1349.576	1366.452
36.0	1264.173	1269.287	1300.994	1339.860	1356.736
36.5	1251.900	1257.525	1290.254	1329.632	1347.019
37.0	1239.115	1245.763	1279.515	1319.404	1336.791
37.5	1226.330	1234.001	1268.264	1309.176	1326.052
38.0	1213.545	1221.727	1257.014	1298.437	1315.313
38.5	1200.760	1209.454	1245.763	1287.186	1304.573
39.0	1187.464	1197.180	1234.512	1276.447	1293.323
39.5	1174.679	1184.907	1222.750	1265.196	1281.561
40.0	1160.871	1172.122	1210.988	1253.434	1269.798
40.5	1147.575	1159.848	1199.226	1241.672	1258.036
41.0	1134.278	1146.552	1186.952	1229.398	1245.763
41.5	1120.982	1133.767	1174.679	1217.636	1232.978
42.0	1107.174	1120.471	1162.405	1204.851	1220.193
42.5	1093.878	1107.686	1150.132	1192.066	1207.919
43.0	1079.559	1093.878	1137.347	1179.281	1195.646
43.5	1066.263	1081.093	1125.073	1165.985	1183.884
44.0	1052.455	1067.285	1111.777	1152.689	1172.633
44.5	1038.647	1053.478	1098.992	1139.392	1160.871
45.0	1024.839	1040.181	1085.696	1126.096	1149.109
45.5	1010.520	1026.374	1072.399	1113.822	1137.347
46.0	996.713	1012.566	1059.103	1101.549	1126.096
46.5	982.905	999.270	1045.807	1089.275	1114.334
47.0	968.586	985.462	1032.510	1077.002	1102.572
47.5	954.267	971.654	1018.703	1064.728	1091.321
48.0	940.459	957.335	1004.895	1052.455	1080.070
48.5	925.628	943.527	991.087	1040.181	1069.331
49.0	911.821	929.720	977.279	1027.908	1057.569
49.5	896.990	915.912	962.960	1015.634	1045.807
50.0	882.671	902.104	949.153	1003.872	1033.022
50.5	868.352	887.785	934.834	992.110	1019.725
51.0	853.521	873.977	920.514	980.348	1005.918
51.5	839.202	859.658	906.195	968.586	993.133
52.0	824.372	845.850	891.876	955.801	979.836
52.5	810.053	831.531	877.557	942.504	966.540
53.0	795.734	817.724	863.749	928.697	952.732
53.5	781.414	803.405	849.942	915.400	939.436
54.0	766.584	789.597	836.645	901.593	925.628
54.5	752.265	775.278	823.349	887.785	911.821

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55.0	737.946	760.959	809.541	873.977	898.524
55.5	724.138	747.151	796.245	860.170	884.717
56.0	709.819	732.832	782.949	845.850	871.420
56.5	695.500	719.024	770.164	832.043	858.124
57.0	681.692	704.705	756.867	817.724	844.316
57.5	667.373	690.386	744.082	804.427	830.509
58.0	653.565	676.578	731.298	790.620	816.701
58.5	639.246	662.259	719.024	776.812	802.893
59.0	625.438	648.451	705.728	762.493	789.085
59.5	611.119	634.644	692.431	748.685	775.278
60.0	596.800	620.324	678.112	734.366	761.470
60.5	582.992	606.517	663.282	720.558	748.174
61.0	568.673	592.198	648.963	706.239	734.877
61.5	554.866	578.390	634.644	692.431	722.092
62.0	540.547	564.071	620.324	678.112	709.819
62.5	526.739	550.263	605.494	664.305	695.500
63.0	512.420	535.944	591.175	650.497	678.112
63.5	498.407	522.136	576.344	637.712	659.702
64.0	484.395	507.715	562.537	624.927	640.780
64.5	470.485	493.651	548.217	610.096	620.836
65.0	456.626	479.537	533.898	592.709	600.380
65.5	442.716	465.422	520.091	574.299	578.390
66.0	428.909	451.154	505.772	555.377	557.423
66.5	415.357	437.040	491.401	535.944	535.433
67.0	402.009	422.925	477.133	514.977	512.420
67.5	388.764	408.913	463.019	494.776	488.742
68.0	375.570	395.361	448.955	474.116	464.042
68.5	362.274	381.911	435.045	452.689	442.665
69.0	349.131	368.768	421.596	430.596	425.022
69.5	336.192	355.830	408.657	407.992	408.402
70.0	323.049	343.045	395.105	387.025	392.395
70.5	310.162	330.516	379.456	369.535	376.235
71.0	297.275	318.242	362.785	353.682	359.972
71.5	284.490	306.224	345.858	338.136	343.454
72.0	271.807	294.513	328.215	322.845	326.731
72.5	259.329	282.700	310.622	307.452	310.111
73.0	246.851	269.455	293.030	292.059	293.235
73.5	234.424	255.801	275.183	276.563	276.615
74.0	222.151	242.556	257.079	261.068	260.250
74.5	209.980	229.566	239.794	245.726	244.294
75.0	198.064	216.986	224.810	230.435	228.748
75.5	186.404	204.866	211.463	215.605	213.713
76.0	175.051	192.950	198.729	201.286	199.087
76.5	163.954	181.239	186.302	187.478	185.279
77.0	153.112	169.681	173.926	174.028	171.932
77.5	142.526	158.328	161.755	161.141	159.044
78.0	132.094	147.385	149.737	148.765	146.975
78.5	122.070	136.901	138.026	136.799	135.060
79.0	112.456	126.520	126.980	125.497	123.963
79.5	103.251	116.189	116.343	114.655	113.121
80.0	94.404	105.399	105.859	104.274	103.046
80.5	85.659	94.864	95.836	94.455	93.279
81.0	77.477	84.636	86.273	85.148	84.278
81.5	69.499	74.817	77.323	76.352	75.533
82.0	62.084	66.021	68.783	68.016	67.453
82.5	54.924	58.248	60.805	60.191	59.680

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PHOTOMETRIC FILENAME : VDILG-S24-L45-835-FAD-PC236-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	48.174	51.191	53.288	52.878	52.572
83.5	41.832	44.645	46.384	46.077	45.872
84.0	36.053	38.457	39.889	39.838	39.633
84.5	30.684	32.781	33.957	34.008	34.008
85.0	25.774	27.564	28.638	28.792	28.587
85.5	21.325	22.859	23.882	23.831	23.678
86.0	17.336	18.666	19.638	19.535	19.280
86.5	13.859	15.035	15.904	15.598	15.137
87.0	10.842	11.813	12.529	12.069	11.506
87.5	8.285	9.154	9.768	8.898	8.080
88.0	6.239	7.006	7.364	6.341	5.625
88.5	4.500	5.165	5.267	4.500	3.938
89.0	3.068	3.529	3.682	3.171	2.813
89.5	2.046	2.250	2.506	2.199	1.943
90.0	1.381	1.636	1.739	1.483	1.278
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-L45-835-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-L45-835-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-L45-835-FAD-PC236-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	634.54	N.A.	14.00
0-30	1333.67	N.A.	29.40
0-40	2162.87	N.A.	47.70
0-60	3729.33	N.A.	82.30
0-80	4492.52	N.A.	99.10
0-90	4531.9	N.A.	100.00
10-90	4366.58	N.A.	96.40
20-40	1528.32	N.A.	33.70
20-50	2365.27	N.A.	52.20
40-70	2089.85	N.A.	46.10
60-80	763.18	N.A.	16.80
70-80	239.80	N.A.	5.30
80-90	39.39	N.A.	0.90
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	4531.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	165.32
10-20	469.23
20-30	699.13
30-40	829.20
40-50	836.95
50-60	729.51
60-70	523.39
70-80	239.80
80-90	39.39
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 : VDILG-S24-L45-835-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-L45-835-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

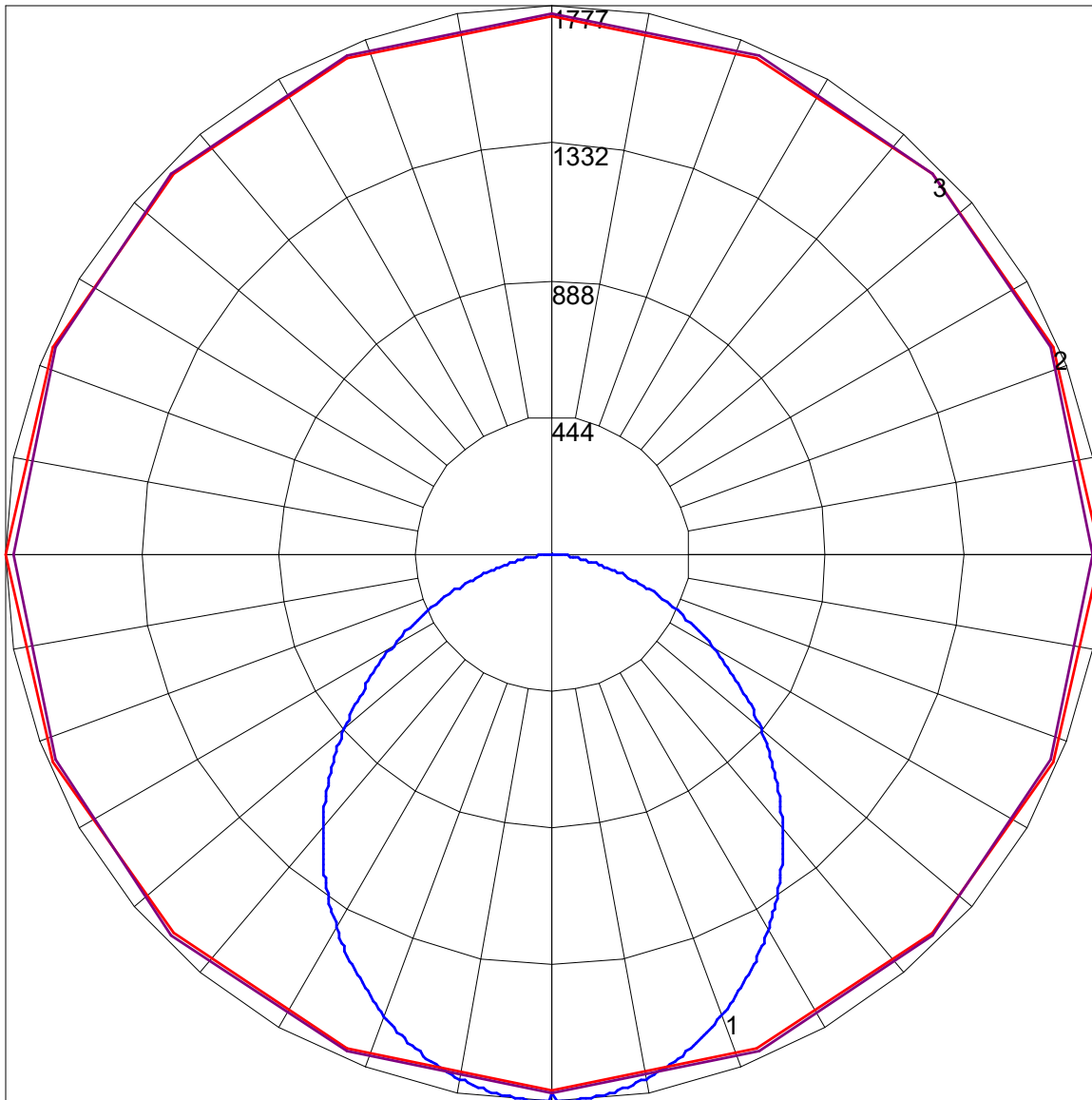
X=2H	Y=2H	14.5	16.1	14.8	16.4	16.7	15.6	17.2	16.0	17.5	17.8
	3H	15.9	17.3	16.3	17.7	18.0	17.1	18.5	17.5	18.9	19.2
	4H	16.3	17.7	16.7	18.0	18.4	17.5	18.9	17.9	19.2	19.6
	6H	16.6	17.8	17.0	18.2	18.6	17.7	18.9	18.1	19.3	19.7
	8H	16.6	17.8	17.0	18.2	18.6	17.7	18.9	18.1	19.3	19.7
	12H	16.6	17.7	17.0	18.1	18.6	17.7	18.8	18.1	19.2	19.7

UGR Viewed Endwise

4H	2H	15.2	16.5	15.6	16.9	17.2	16.1	17.4	16.5	17.8	18.2
	3H	16.8	17.9	17.2	18.3	18.7	17.8	18.9	18.2	19.3	19.7
	4H	17.3	18.4	17.8	18.8	19.2	18.3	19.3	18.7	19.7	20.1
	6H	17.6	18.5	18.1	19.0	19.4	18.5	19.4	19.0	19.8	20.3
	8H	17.7	18.5	18.2	19.0	19.4	18.6	19.4	19.0	19.8	20.3
	12H	17.7	18.5	18.2	18.9	19.4	18.6	19.3	19.0	19.8	20.3
8H	4H	17.6	18.4	18.0	18.8	19.3	18.4	19.2	18.9	19.7	20.2
	6H	18.0	18.6	18.4	19.1	19.6	18.7	19.4	19.2	19.9	20.4
	8H	18.0	18.6	18.5	19.1	19.6	18.8	19.4	19.3	19.9	20.4
	12H	18.1	18.6	18.6	19.1	19.7	18.8	19.4	19.3	19.9	20.4
12H	4H	17.6	18.3	18.1	18.8	19.3	18.4	19.2	18.9	19.6	20.1
	6H	18.0	18.6	18.5	19.0	19.6	18.7	19.3	19.2	19.8	20.3
	8H	18.1	18.6	18.6	19.1	19.7	18.8	19.4	19.3	19.8	20.4

Maximum UGR = 20.4

POLAR GRAPH



Maximum Candela = 1776.593 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)