



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S22-L18-835-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-L18/835-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	1818
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	19.6
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	1971	2127	2312
55	1731	1936	2238
65	1419	1683	2002
75	967	1157	1175
85	333	401	314

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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	713.727	713.727	713.727	713.727	713.727
0.5	715.331	714.128	713.326	712.925	714.128
1.0	714.930	714.128	712.925	712.925	714.128
1.5	714.930	713.727	712.524	712.524	713.727
2.0	714.529	713.326	712.123	712.123	713.326
2.5	713.727	712.925	711.722	711.722	712.524
3.0	713.326	712.123	711.321	710.921	712.123
3.5	712.524	711.321	710.520	710.520	711.321
4.0	711.722	710.520	709.718	709.718	710.520
4.5	710.520	709.718	708.916	708.916	710.119
5.0	709.718	708.916	708.114	708.114	709.317
5.5	708.515	707.713	707.312	707.312	708.515
6.0	707.312	706.510	706.109	706.510	707.713
6.5	706.109	705.307	704.906	705.708	706.911
7.0	704.505	704.104	704.104	704.906	706.109
7.5	703.302	702.901	702.901	704.104	705.708
8.0	702.099	701.698	702.099	703.302	704.505
8.5	700.495	700.495	700.896	702.099	704.104
9.0	699.292	698.891	700.094	701.297	703.302
9.5	697.688	697.688	698.891	700.495	702.099
10.0	696.085	696.085	697.688	699.693	701.297
10.5	694.080	694.481	696.085	698.490	700.495
11.0	692.476	692.877	694.882	697.288	699.292
11.5	690.471	691.273	693.278	696.085	698.490
12.0	688.466	689.268	691.674	694.882	697.288
12.5	686.461	687.263	690.070	693.679	695.684
13.0	684.456	685.258	688.065	692.075	694.481
13.5	682.051	682.853	686.060	690.471	692.877
14.0	679.645	680.848	684.056	688.466	690.872
14.5	677.239	678.442	682.051	686.461	689.268
15.0	674.833	676.036	680.046	684.456	687.263
15.5	672.026	673.229	677.640	682.452	685.258
16.0	669.621	670.823	675.234	680.046	682.853
16.5	666.814	668.017	672.828	677.640	680.848
17.0	664.007	665.210	670.423	675.635	678.442
17.5	661.200	662.403	668.017	673.229	676.437
18.0	657.992	659.596	665.210	670.823	674.031
18.5	655.186	656.790	662.403	668.418	672.026
19.0	651.978	653.582	659.997	666.012	669.621
19.5	648.770	650.775	657.190	664.007	667.616
20.0	645.161	647.567	654.384	661.601	665.210
20.5	641.954	644.359	651.577	659.195	662.804
21.0	638.345	641.152	648.369	656.790	660.799
21.5	635.137	637.543	645.562	653.983	657.992
22.0	631.528	634.335	642.355	651.176	655.587
22.5	627.920	630.726	639.147	648.369	652.780
23.0	623.910	627.118	635.939	645.562	649.973
23.5	619.900	623.509	632.330	642.355	646.765
24.0	616.292	619.499	629.123	639.147	643.958
24.5	612.282	615.490	625.514	635.939	640.751
25.0	607.871	611.480	621.905	632.330	637.543
25.5	603.460	607.470	617.895	628.722	633.934
26.0	599.451	603.059	614.287	625.113	630.726
26.5	594.639	598.649	610.277	621.504	627.118

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L18-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	590.228	594.238	606.267	617.895	623.910
27.5	585.417	589.827	602.258	614.287	620.301
28.0	581.006	585.417	598.248	610.678	616.692
28.5	576.194	581.006	594.238	607.069	613.485
29.0	571.784	576.595	590.228	603.460	609.876
29.5	566.972	572.185	586.219	599.852	606.267
30.0	562.160	567.373	581.808	596.243	603.059
30.5	557.349	562.962	577.798	592.233	599.451
31.0	552.938	558.552	573.388	588.625	595.842
31.5	548.127	553.740	569.378	585.016	592.233
32.0	543.315	549.329	564.967	581.006	588.625
32.5	538.503	544.518	560.557	576.996	584.615
33.0	533.692	539.706	556.146	572.987	581.006
33.5	528.479	534.895	551.735	568.977	576.996
34.0	523.667	530.083	547.325	564.967	572.987
34.5	518.856	525.271	542.513	560.557	568.977
35.0	513.643	520.059	538.102	556.547	564.967
35.5	508.029	515.247	533.692	552.136	560.958
36.0	502.817	510.034	528.880	547.726	556.948
36.5	497.604	504.822	524.068	543.716	552.938
37.0	492.392	499.609	519.658	539.305	548.528
37.5	487.179	494.797	514.846	534.895	544.518
38.0	481.966	489.585	509.633	530.083	540.107
38.5	476.353	484.372	504.822	525.672	535.696
39.0	471.140	479.160	500.010	520.861	530.885
39.5	465.928	473.947	494.797	516.450	526.474
40.0	460.314	468.734	489.585	511.638	521.662
40.5	455.101	463.121	484.773	506.426	517.252
41.0	449.488	457.908	479.561	501.614	512.440
41.5	443.874	452.696	474.348	496.802	508.029
42.0	438.662	447.082	468.734	491.991	503.218
42.5	433.048	441.468	463.522	486.778	498.807
43.0	427.434	435.855	457.908	481.966	493.996
43.5	421.821	430.241	452.696	476.754	489.184
44.0	415.806	424.628	447.483	471.942	484.372
44.5	410.193	419.014	441.869	466.730	479.561
45.0	404.579	413.000	436.657	461.918	474.749
45.5	398.805	407.386	431.043	457.106	469.937
46.0	392.991	401.772	425.831	451.894	464.725
46.5	387.177	395.798	420.217	446.681	459.913
47.0	381.403	390.024	415.004	441.468	454.700
47.5	375.629	384.170	409.391	436.256	449.889
48.0	369.815	378.436	403.777	431.043	445.077
48.5	364.081	372.582	398.043	425.430	440.265
49.0	358.267	366.768	392.350	420.217	435.454
49.5	352.413	360.994	386.495	414.603	430.642
50.0	346.519	355.220	380.721	409.391	425.430
50.5	340.624	349.285	374.907	404.178	420.618
51.0	334.850	343.391	369.093	398.925	415.405
51.5	329.157	337.457	363.279	393.633	410.193
52.0	323.383	331.482	357.345	388.340	404.980
52.5	317.569	325.548	351.531	383.007	399.848
53.0	311.754	319.573	345.757	377.634	394.515
53.5	305.860	313.559	339.943	372.181	389.142
54.0	299.966	307.544	334.129	366.647	383.648
54.5	294.072	301.450	328.355	361.154	378.195

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L18-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

55.0	288.258	295.355	322.460	355.581	372.782
55.5	282.403	289.300	316.566	350.007	367.289
56.0	276.629	283.165	310.632	344.313	361.836
56.5	270.735	277.111	304.697	338.700	356.463
57.0	264.801	271.096	298.843	333.006	350.929
57.5	258.987	265.041	293.029	327.352	345.436
58.0	253.093	259.067	287.175	321.618	339.903
58.5	247.278	253.052	281.441	315.884	334.369
59.0	241.504	247.078	275.627	310.191	328.756
59.5	235.811	241.144	269.853	304.537	323.182
60.0	230.037	235.289	263.959	298.803	317.609
60.5	224.343	229.435	258.145	293.109	312.196
61.0	218.649	223.661	252.331	287.335	305.981
61.5	212.995	217.767	246.477	281.602	298.883
62.0	207.342	211.913	240.662	275.988	291.505
62.5	201.808	206.099	234.929	269.973	284.088
63.0	196.315	200.325	229.235	263.718	276.670
63.5	190.742	194.631	223.501	257.062	269.131
64.0	185.168	188.897	217.807	250.045	261.673
64.5	179.595	183.163	212.113	242.988	254.336
65.0	174.061	177.469	206.540	235.811	245.594
65.5	168.608	171.856	200.926	228.553	236.292
66.0	163.115	166.323	195.353	221.336	226.829
66.5	157.742	160.749	189.779	213.797	217.847
67.0	152.449	155.296	184.206	205.497	209.788
67.5	147.156	149.883	178.672	196.836	201.728
68.0	141.783	144.510	172.818	188.536	193.548
68.5	136.410	139.097	166.804	180.316	185.128
69.0	131.117	133.764	160.869	172.578	176.587
69.5	125.865	128.511	154.694	164.879	167.886
70.0	120.732	123.298	148.439	157.261	159.466
70.5	115.640	118.126	142.184	149.642	152.008
71.0	110.507	113.074	135.889	141.903	144.710
71.5	105.535	108.102	129.634	134.365	137.493
72.0	100.523	103.170	123.258	127.468	130.235
72.5	95.551	98.238	117.083	120.812	122.978
73.0	90.780	93.506	110.788	114.357	115.800
73.5	86.128	88.975	104.493	107.981	108.583
74.0	81.477	84.324	98.518	101.646	101.566
74.5	77.227	79.873	92.785	95.471	94.829
75.0	72.696	75.302	86.930	89.256	88.294
75.5	68.365	70.811	81.317	83.001	81.798
76.0	64.075	66.481	75.864	76.986	75.583
76.5	59.785	62.150	70.691	71.172	69.649
77.0	55.615	57.860	65.839	65.599	64.035
77.5	51.565	53.850	61.268	60.266	58.662
78.0	47.595	49.841	56.617	55.174	53.690
78.5	43.786	45.911	52.206	50.362	48.878
79.0	40.097	42.102	47.796	45.671	44.187
79.5	36.569	38.453	43.545	41.220	39.816
80.0	33.200	35.005	39.496	37.010	35.646
80.5	29.993	31.677	35.646	33.120	31.797
81.0	26.945	28.509	31.997	29.471	28.188
81.5	24.058	25.542	28.509	26.063	24.820
82.0	21.292	22.735	25.181	22.895	21.652
82.5	18.685	20.089	22.093	19.968	18.725

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VDILG-S22-L18-835-FAD-PC236-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	16.239	17.603	19.206	17.282	16.039
83.5	13.994	15.317	16.600	14.836	13.633
84.0	11.949	13.232	14.234	12.631	11.428
84.5	10.104	11.307	12.069	10.666	9.543
85.0	8.420	9.623	10.145	8.942	7.939
85.5	6.937	8.060	8.420	7.418	6.536
86.0	5.614	6.696	6.977	6.095	5.373
86.5	4.491	5.493	5.654	4.932	4.290
87.0	3.529	4.411	4.531	3.889	3.328
87.5	2.767	3.529	3.569	2.967	2.446
88.0	2.125	2.847	2.807	2.286	1.844
88.5	1.604	2.245	2.205	1.844	1.524
89.0	1.163	1.804	1.804	1.484	1.283
89.5	0.922	1.443	1.443	1.243	1.043
90.0	0.682	1.123	1.123	1.002	0.842
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

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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-L18-835-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-L18-835-FAD-PC236-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	259.08	N.A.	14.30
0-30	545.34	N.A.	30.00
0-40	881.95	N.A.	48.50
0-60	1510.7	N.A.	83.10
0-80	1804.44	N.A.	99.30
0-90	1818.02	N.A.	100.00
10-90	1750.72	N.A.	96.30
20-40	622.87	N.A.	34.30
20-50	960.41	N.A.	52.80
40-70	832.94	N.A.	45.80
60-80	293.74	N.A.	16.20
70-80	89.55	N.A.	4.90
80-90	13.58	N.A.	0.70
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	1818.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	67.29
10-20	191.78
20-30	286.26
30-40	336.61
40-50	337.54
50-60	291.21
60-70	204.19
70-80	89.55
80-90	13.58
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-S22-L18-835-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-L18-835-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	13.6	15.2	14.0	15.5	15.8	15.2	16.8	15.6	17.1	17.4
	3H	15.0	16.4	15.3	16.7	17.1	16.7	18.1	17.1	18.4	18.8
	4H	15.4	16.7	15.8	17.0	17.4	17.0	18.4	17.4	18.7	19.1
	6H	15.6	16.8	16.0	17.2	17.5	17.2	18.4	17.6	18.8	19.2
	8H	15.6	16.8	16.0	17.1	17.5	17.2	18.4	17.6	18.7	19.1
	12H	15.6	16.7	16.0	17.1	17.5	17.2	18.3	17.6	18.7	19.1

UGR Viewed Endwise

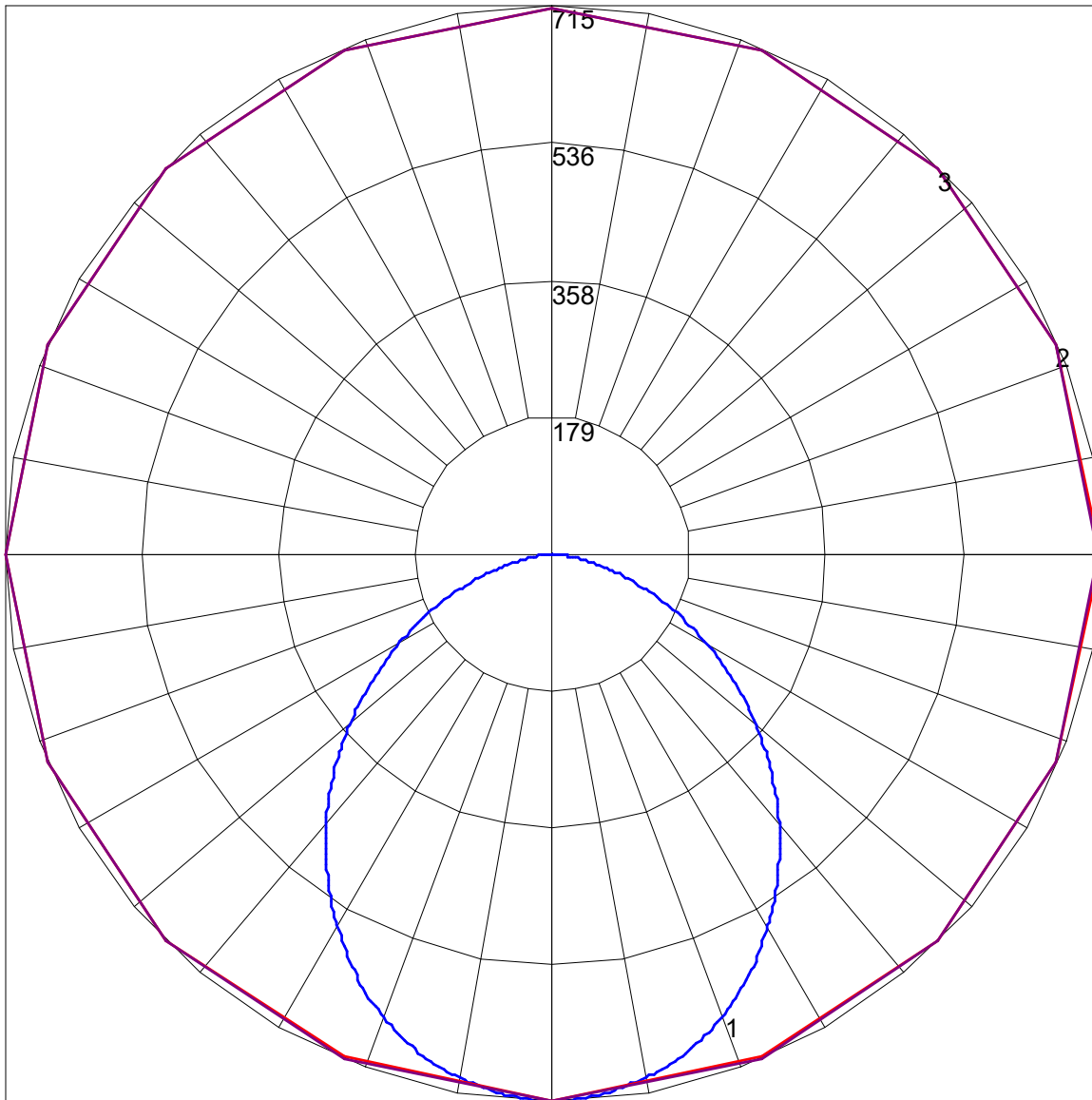
4H	2H	14.3	15.7	14.7	16.0	16.4	15.6	16.9	16.0	17.3	17.7
	3H	15.9	17.0	16.3	17.4	17.8	17.3	18.4	17.7	18.8	19.2
	4H	16.3	17.3	16.8	17.7	18.2	17.7	18.7	18.2	19.1	19.6
	6H	16.6	17.5	17.0	17.9	18.4	17.9	18.8	18.4	19.2	19.7
	8H	16.6	17.4	17.1	17.9	18.3	18.0	18.8	18.4	19.2	19.7
	12H	16.6	17.4	17.1	17.8	18.3	17.9	18.7	18.4	19.1	19.6

8H	4H	16.6	17.4	17.0	17.8	18.3	17.9	18.7	18.3	19.1	19.6
	6H	16.9	17.5	17.4	18.0	18.5	18.1	18.8	18.6	19.3	19.7
	8H	16.9	17.5	17.4	18.0	18.5	18.1	18.7	18.6	19.2	19.7
	12H	16.9	17.5	17.5	18.0	18.5	18.1	18.7	18.6	19.2	19.7

12H	4H	16.6	17.3	17.0	17.8	18.2	17.8	18.6	18.3	19.0	19.5
	6H	16.9	17.5	17.4	18.0	18.5	18.1	18.7	18.6	19.2	19.7
	8H	17.0	17.5	17.5	18.0	18.5	18.1	18.7	18.6	19.2	19.7

Maximum UGR = 19.7

POLAR GRAPH



Maximum Candela = 715.331 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)