

Luminaire Information: 4 FOOT SENTRY WITH A/C BARRICADE LENS

Ballast / Driver Information: EVERLINE D12CC55UNVPW-C

Test Distance (ft): 22.25

Test Standards: IESNA-LM-79-08

Electrical Measurements: 119.970 V, 0.239 A, 28.241 W, 0.985 PF, 59.990 Hz, 9.810% ITHD, 0.070% VTHD.

Candlepower Summary

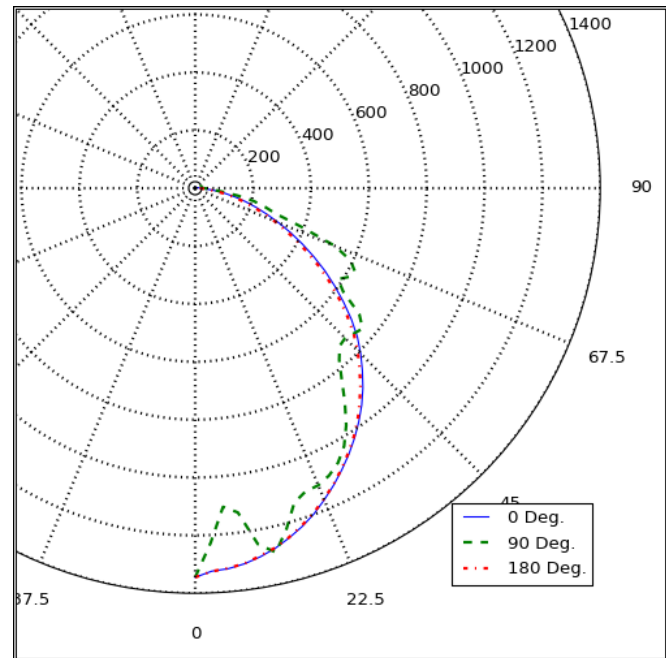
H/V	0.0	45.0	90.0	135.0	180.0	Lumens
0.0	1345	1345	1345	1345	1345	
5.0	1320	1160	1106	1169	1318	128
15.0	1252	1265	1219	1254	1250	354
25.0	1133	1105	1096	1108	1130	519
35.0	986	960	902	971	979	608
45.0	809	741	733	753	794	603
55.0	588	571	625	574	569	523
65.0	364	439	593	440	345	403
75.0	181	300	249	296	165	226
85.0	45	92	60	89	36	37
90.0	15	46	30	44	15	



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0 to 30	965.19	27.36	27.36
0 to 40	1558.36	44.18	44.18
0 to 60	2673.51	75.80	75.80
0 to 90	3458.01	98.04	98.04
90 to 180	69.17	1.96	1.96
0 to 180	3527.18	100.00	100.00

Total Luminous Flux (lm) = 3527.18
 Luminous Efficacy (lm/W) = 125.077
 CIE Type - Direct
 Maximum Intensity (cd) = 1352.4
 Luminous Width (feet) = 3.999
 Luminous Length (feet) = 0.5
 Luminous Height (feet) = 0.08
 Spacing Criterion (0 to 180) = 1.178
 Spacing Criterion (90 to 270) = 1.142



Luminance Summary (cd/m²)

H/V	0.0	45.0	90.0	135.0	180.0
45.0	5308	5006	5468	5083	5208
55.0	4494	4532	5704	4555	4348
65.0	3454	4393	7241	4400	3271
75.0	2354	4227	4825	4169	2152
85.0	980	2325	3010	2249	792

Prepared For: A.L.P.-LEXALITE

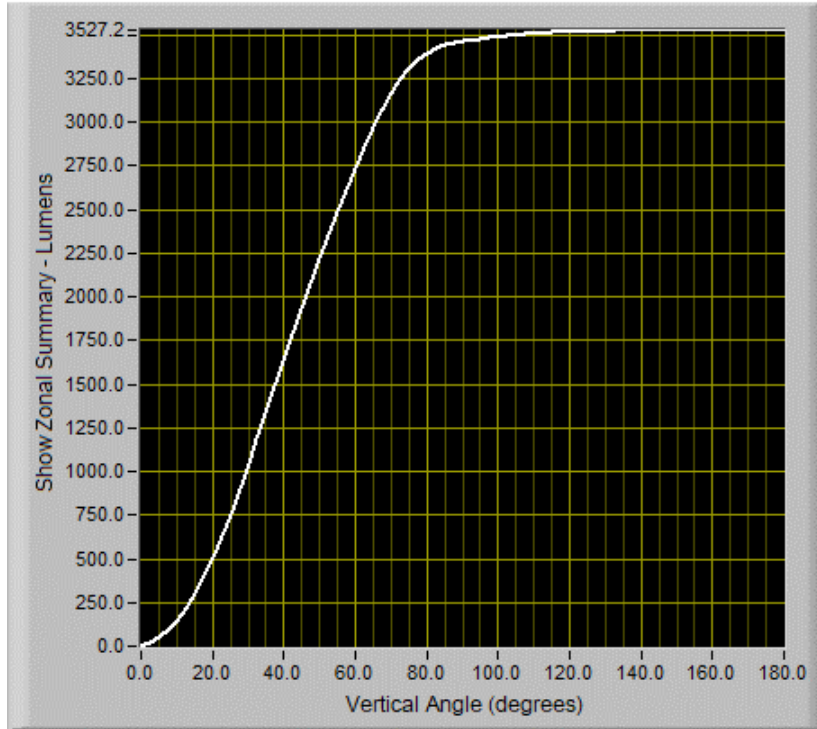
Tested by: 1860 _____

Approved by: _____ 9/8/2021

Zonal Lumen Summary

0 to 5	32.3
5 to 10	85.3
10 to 15	143.4
15 to 20	194.8
20 to 25	237.2
25 to 30	272.2
30 to 35	293.8
35 to 40	299.3
40 to 45	294.6
45 to 50	289.6
50 to 55	277.0
55 to 60	253.9
60 to 65	239.9
65 to 70	209.7
70 to 75	154.3
75 to 80	101.2
80 to 85	53.9
85 to 90	25.4
90 to 95	15.2
95 to 100	12.3
100 to 105	10.6
105 to 110	8.8
110 to 115	6.6
115 to 120	4.7
120 to 125	3.2
125 to 130	2.1
130 to 135	1.3
135 to 140	0.8
140 to 145	0.7
145 to 150	0.7
150 to 155	0.6
155 to 160	0.5
160 to 165	0.4
165 to 170	0.3
170 to 175	0.2
175 to 180	0.1

Zonal Flux Graph



Zonal Lumen Summary

0 to 10	117.6
0 to 20	455.8
0 to 30	965.2
0 to 40	1558.4
0 to 50	2142.6
0 to 60	2673.5
0 to 70	3123.2
0 to 80	3378.7
0 to 90	3458.0
0 to 100	3485.5
0 to 110	3504.9
0 to 120	3516.3
0 to 130	3521.5
0 to 140	3523.7
0 to 150	3525.0
0 to 160	3526.1
0 to 170	3526.9
0 to 180	3527.2



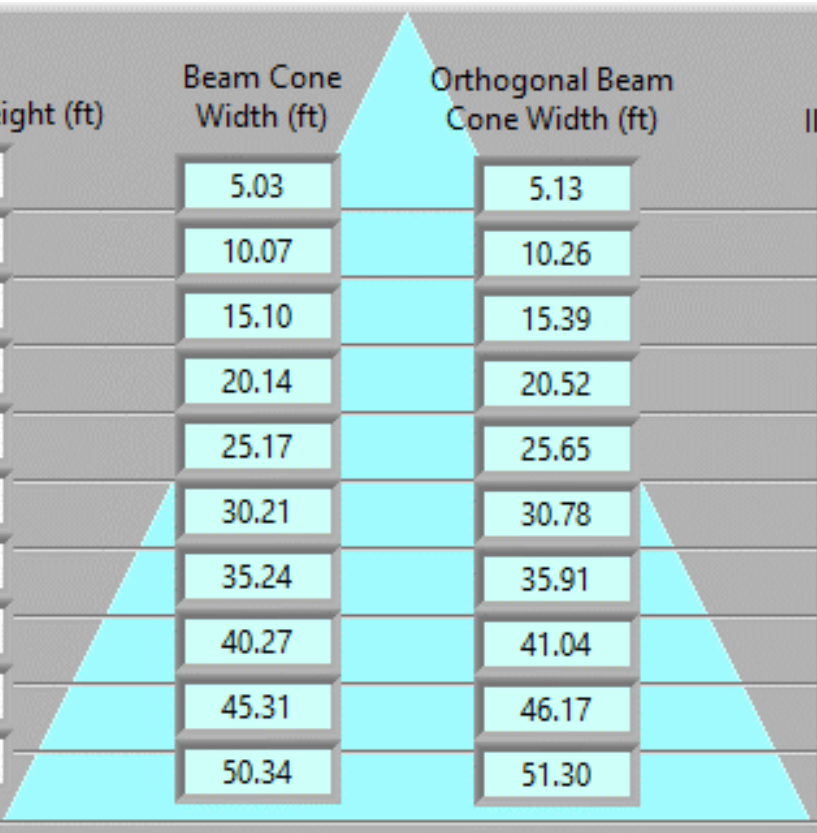
Coefficients of Utilization

Table of Coefficients of Utilization

Calculated using the zonal cavity method

RC	80	80	80	80	70	70	70	70	50	50	50	50	30	30	30	30	10	10	10	10	0
RW	70	50	30	0	70	50	30	0	70	50	30	0	70	50	30	0	70	50	30	0	0
RF	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.10	1.10	1.10	1.10	1.05	1.05	1.05	1.05	1.00	1.00	1.00	1.00	0.98
1	1.08	1.03	0.99	0.93	1.05	1.01	0.97	0.92	1.00	0.96	0.93	0.88	0.95	0.92	0.89	0.86	0.90	0.88	0.86	0.83	0.82
2	0.98	0.90	0.83	0.75	0.95	0.88	0.81	0.74	0.90	0.84	0.79	0.72	0.85	0.80	0.76	0.70	0.81	0.77	0.73	0.69	0.68
3	0.89	0.79	0.71	0.61	0.87	0.77	0.69	0.61	0.82	0.74	0.67	0.60	0.78	0.71	0.65	0.59	0.74	0.68	0.63	0.58	0.57
4	0.82	0.70	0.61	0.51	0.79	0.68	0.60	0.51	0.75	0.66	0.58	0.50	0.71	0.63	0.57	0.50	0.67	0.61	0.55	0.49	0.49
5	0.75	0.62	0.53	0.44	0.73	0.61	0.53	0.44	0.69	0.59	0.51	0.43	0.65	0.57	0.50	0.43	0.62	0.55	0.49	0.42	0.42
6	0.70	0.56	0.47	0.38	0.68	0.55	0.47	0.38	0.64	0.53	0.46	0.38	0.60	0.51	0.45	0.37	0.57	0.50	0.44	0.37	0.37
7	0.65	0.51	0.42	0.34	0.63	0.50	0.42	0.34	0.59	0.48	0.41	0.33	0.56	0.47	0.40	0.33	0.53	0.45	0.39	0.33	0.33
8	0.60	0.47	0.38	0.30	0.58	0.46	0.38	0.30	0.55	0.44	0.37	0.30	0.53	0.43	0.36	0.29	0.50	0.42	0.36	0.29	0.29
9	0.56	0.43	0.35	0.27	0.55	0.42	0.34	0.27	0.52	0.41	0.34	0.27	0.49	0.40	0.33	0.27	0.47	0.38	0.33	0.26	0.26
10	0.53	0.40	0.32	0.24	0.51	0.39	0.31	0.24	0.49	0.38	0.31	0.24	0.46	0.37	0.30	0.24	0.44	0.36	0.30	0.24	0.24

Cone of Light



Mounting Height (ft)	Beam Cone Width (ft)	Orthogonal Beam Cone Width (ft)	Projected Illuminance (fc)
2	5.03	5.13	336.2
4	10.07	10.26	84.1
6	15.10	15.39	37.4
8	20.14	20.52	21.0
10	25.17	25.65	13.4
12	30.21	30.78	9.3
14	35.24	35.91	6.9
16	40.27	41.04	5.3
18	45.31	46.17	4.2
20	50.34	51.30	3.4



Candela Distribution (cd)

H/V	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5
0.0	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9	1344.9
2.5	1324.8	1289.0	1264.2	1236.0	1227.0	1249.8	1276.5	1318.9	1325.7	1353.1	1358.2	1328.2	1303.0	1321.7	1342.1	1359.4
5.0	1320.0	1231.5	1160.1	1116.5	1105.5	1123.3	1169.3	1263.0	1318.2	1342.4	1289.1	1206.8	1175.1	1202.8	1261.0	1338.7
7.5	1309.2	1170.8	1109.7	1120.7	1130.4	1116.7	1105.3	1199.7	1308.5	1304.4	1192.9	1127.8	1123.9	1129.3	1169.7	1292.5
10.0	1294.0	1126.5	1140.8	1227.0	1249.4	1218.3	1126.2	1149.0	1290.9	1250.6	1137.8	1158.1	1186.5	1164.1	1127.4	1235.0
12.5	1275.3	1104.8	1216.0	1292.4	1289.1	1292.8	1197.7	1117.5	1273.5	1198.4	1147.2	1224.9	1249.2	1229.8	1147.0	1184.2
15.0	1252.0	1103.9	1264.6	1256.3	1219.5	1261.2	1254.3	1109.5	1250.0	1155.1	1186.2	1240.2	1235.3	1242.1	1185.8	1146.8
17.5	1227.0	1116.9	1255.9	1175.5	1139.6	1180.3	1252.5	1118.7	1223.4	1127.2	1208.6	1203.0	1185.2	1204.2	1203.8	1125.5
20.0	1198.7	1131.3	1204.4	1124.2	1115.4	1126.6	1204.0	1134.9	1195.2	1112.9	1195.5	1159.1	1144.0	1159.7	1187.0	1116.2
22.5	1165.9	1136.4	1147.1	1108.4	1111.7	1110.0	1146.8	1144.1	1163.3	1103.2	1163.1	1121.8	1114.3	1123.8	1153.8	1109.7
25.0	1132.6	1124.7	1105.2	1093.0	1095.5	1096.8	1108.3	1138.1	1130.3	1093.7	1127.0	1086.1	1084.8	1091.8	1116.8	1096.0
27.5	1097.5	1098.6	1073.3	1067.3	1069.5	1074.6	1079.5	1116.0	1094.7	1076.7	1091.4	1050.5	1055.9	1057.0	1078.7	1074.1
30.0	1062.1	1062.8	1038.1	1036.4	1029.5	1046.3	1046.0	1082.8	1057.6	1051.9	1052.1	1015.5	1016.5	1019.4	1036.8	1043.9
32.5	1024.8	1025.3	999.3	994.4	971.5	1001.3	1009.6	1046.4	1019.9	1019.9	1009.0	970.8	959.3	971.8	988.2	1008.1
35.0	985.9	987.5	960.1	933.8	901.7	939.5	971.4	1007.8	979.0	983.3	961.9	914.0	890.0	910.9	938.3	968.7
37.5	945.5	948.7	916.7	861.8	831.9	869.1	929.5	968.5	934.0	943.1	909.7	846.5	820.8	843.7	887.3	925.8
40.0	902.0	904.6	865.3	792.8	774.5	800.2	878.1	924.5	888.6	897.2	848.8	781.9	769.5	780.1	831.6	880.7
42.5	855.5	856.3	805.6	740.2	739.5	745.8	817.8	875.0	841.1	845.3	784.0	731.6	744.1	733.6	772.1	832.3
45.0	808.9	803.9	741.5	709.8	732.8	714.5	752.9	822.0	793.8	790.2	719.3	704.8	741.6	709.5	711.0	779.3
47.5	760.2	748.2	682.0	700.7	743.5	704.0	689.2	764.7	742.9	732.7	662.0	699.6	759.0	704.7	658.1	719.7
50.0	704.9	690.2	632.1	703.6	755.3	709.0	635.8	703.8	685.7	671.3	618.6	703.1	744.7	708.1	616.5	656.3
52.5	646.2	629.4	595.9	698.2	715.0	703.3	598.5	640.2	626.8	607.2	589.9	672.8	668.0	676.0	588.3	591.3
55.0	588.4	566.1	570.8	649.9	625.3	648.8	573.7	575.1	569.2	544.6	568.9	606.9	609.7	609.2	565.3	529.5
57.5	531.6	505.4	546.0	582.4	585.2	578.9	550.6	512.6	512.5	488.8	538.0	575.1	638.7	579.1	535.7	473.3
60.0	473.4	450.2	511.9	557.1	613.4	558.9	514.9	455.6	452.9	436.0	493.5	602.2	676.3	605.8	496.2	423.0
62.5	417.5	400.8	470.0	571.7	621.9	573.7	470.5	405.2	396.8	388.5	459.9	614.4	668.0	618.3	465.2	379.8
65.0	364.3	357.5	439.1	565.4	593.0	562.9	439.9	359.1	345.0	346.5	450.4	597.8	631.0	601.0	452.6	340.0
67.5	312.6	317.3	421.1	527.8	524.3	522.8	422.9	317.9	295.2	305.2	437.2	531.5	497.9	536.7	438.5	301.0
70.0	264.2	278.6	397.3	446.3	390.2	432.9	397.0	280.0	246.9	265.6	403.7	410.8	373.2	417.0	407.5	264.7
72.5	221.3	242.6	355.8	334.2	290.3	320.9	354.4	243.3	203.4	229.6	350.2	319.1	320.0	322.6	356.0	231.1
75.0	180.8	208.9	299.8	253.0	249.4	247.8	295.7	207.0	165.3	195.1	280.6	255.9	266.6	257.9	287.4	197.2
77.5	142.5	173.2	235.5	203.6	208.0	199.9	228.4	170.5	129.2	159.1	209.8	197.1	191.9	200.8	215.7	161.4
80.0	106.4	136.4	174.3	159.6	149.9	154.9	166.9	134.4	94.1	123.0	153.3	135.4	115.0	138.3	157.0	125.1
82.5	73.6	102.6	126.8	111.9	94.2	107.5	122.0	100.4	62.1	89.8	111.7	83.4	67.1	84.6	114.9	92.3
85.0	44.9	74.0	92.4	72.6	59.9	70.1	89.4	72.0	36.3	63.2	78.2	51.3	42.2	52.2	81.0	65.8
87.5	24.4	52.2	66.1	47.8	40.2	46.7	63.4	50.6	20.1	43.5	51.9	34.7	30.2	35.0	54.2	45.5
90.0	14.8	36.5	45.8	33.6	29.7	32.9	43.9	35.6	14.8	31.7	38.7	28.8	25.7	29.2	39.9	33.3
92.5	13.4	28.1	36.2	28.5	25.4	28.0	35.1	27.9	13.9	25.3	33.5	26.6	23.8	27.1	34.5	26.5
95.0	12.2	22.8	32.4	26.6	23.5	26.1	31.4	22.6	13.1	20.6	30.8	25.7	23.1	26.2	31.9	21.4
97.5	10.9	18.7	30.2	25.6	22.5	25.1	29.4	18.7	12.4	17.0	29.3	25.4	23.0	26.0	30.4	17.5
100.0	9.7	15.3	28.6	24.8	21.9	24.3	27.8	15.5	11.2	13.9	27.7	25.4	23.1	25.9	28.8	14.1
102.5	8.4	12.5	27.1	24.5	21.7	23.9	26.3	12.7	9.9	11.3	25.5	25.5	23.5	26.0	26.7	11.3
105.0	7.2	10.0	25.1	24.4	22.0	23.9	24.3	10.3	8.6	9.2	22.9	25.0	23.7	25.6	24.1	9.1
107.5	6.1	8.0	22.7	23.9	22.0	23.4	21.9	8.3	7.4	7.2	19.9	23.8	23.3	24.5	21.0	7.0
110.0	5.2	6.2	19.9	22.8	21.5	22.3	19.1	6.6	6.2	5.2	16.7	22.1	22.2	22.6	17.6	5.0



H/V	360.0
0.0	1344.9
2.5	1324.8
5.0	1320.0
7.5	1309.2
10.0	1294.0
12.5	1275.3
15.0	1252.0
17.5	1227.0
20.0	1198.7
22.5	1165.9
25.0	1132.6
27.5	1097.5
30.0	1062.1
32.5	1024.8
35.0	985.9
37.5	945.5
40.0	902.0
42.5	855.5
45.0	808.9
47.5	760.2
50.0	704.9
52.5	646.2
55.0	588.4
57.5	531.6
60.0	473.4
62.5	417.5
65.0	364.3
67.5	312.6
70.0	264.2
72.5	221.3
75.0	180.8
77.5	142.5
80.0	106.4
82.5	73.6
85.0	44.9
87.5	24.4
90.0	14.8
92.5	13.4
95.0	12.2
97.5	10.9
100.0	9.7
102.5	8.4
105.0	7.2
107.5	6.1
110.0	5.2



LEXALITE®

AN **A.L.P.** BRAND

H/V	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5
112.5	4.33	4.60	16.94	21.17	20.54	20.65	16.21	4.88	5.24	4.02	13.31	19.19	19.97	19.97	14.18	3.53
115.0	3.71	3.26	14.12	19.23	19.16	18.71	13.50	3.50	4.42	3.47	10.69	16.74	17.59	17.00	11.27	2.89
117.5	3.23	2.60	11.67	17.13	17.55	16.60	11.15	2.85	3.73	2.98	8.27	14.48	15.98	14.90	8.93	2.62
120.0	2.90	2.41	9.41	14.88	15.75	14.48	8.90	2.56	3.21	2.63	6.13	12.39	13.95	12.78	6.79	2.41
122.5	2.65	2.28	7.32	12.91	13.88	12.55	6.87	2.33	2.69	2.26	4.30	10.17	11.88	10.54	4.80	2.17
125.0	2.49	2.19	5.54	11.04	12.22	10.73	5.19	2.13	2.32	1.98	2.85	8.23	9.92	8.52	3.24	2.00
127.5	2.37	2.15	4.08	9.16	10.61	8.96	3.86	2.01	2.16	1.94	1.98	6.59	8.37	6.85	2.25	2.02
130.0	2.29	2.10	2.95	7.50	8.94	7.32	2.79	1.95	1.99	1.82	1.79	5.02	6.62	5.25	1.79	1.88
132.5	2.24	2.08	2.12	6.01	7.37	5.88	2.03	1.94	1.72	1.55	1.61	3.33	4.92	3.53	1.59	1.67
135.0	2.21	2.09	2.07	4.69	5.95	4.60	2.06	1.93	1.59	1.55	1.63	1.92	3.42	2.14	1.63	1.63
137.5	2.22	2.12	2.14	3.54	4.68	3.43	2.13	2.04	1.66	1.65	1.72	1.66	1.98	1.68	1.72	1.68
140.0	2.24	2.19	2.24	2.35	3.46	2.30	2.23	2.14	1.75	1.75	1.81	1.76	1.63	1.77	1.81	1.79
142.5	2.32	2.29	2.32	2.25	2.25	2.26	2.32	2.24	1.85	1.85	1.90	1.85	1.74	1.87	1.92	1.89
145.0	2.42	2.37	2.40	2.33	2.21	2.34	2.41	2.33	1.94	1.93	1.99	1.94	1.83	1.95	2.01	1.98
147.5	2.50	2.46	2.47	2.41	2.28	2.41	2.49	2.42	2.02	2.02	2.08	2.02	1.91	2.04	2.10	2.07
150.0	2.56	2.53	2.53	2.47	2.34	2.47	2.57	2.49	2.10	2.10	2.17	2.09	1.97	2.12	2.19	2.15
152.5	2.62	2.60	2.60	2.54	2.41	2.56	2.65	2.57	2.17	2.18	2.26	2.18	2.05	2.19	2.26	2.23
155.0	2.68	2.68	2.68	2.60	2.48	2.65	2.72	2.62	2.23	2.24	2.33	2.27	2.13	2.27	2.34	2.30
157.5	2.72	2.73	2.73	2.66	2.53	2.73	2.78	2.68	2.31	2.32	2.41	2.37	2.21	2.34	2.41	2.37
160.0	2.75	2.77	2.78	2.72	2.58	2.80	2.82	2.73	2.37	2.40	2.47	2.46	2.31	2.43	2.47	2.45
162.5	2.78	2.79	2.83	2.78	2.65	2.86	2.86	2.77	2.43	2.47	2.54	2.54	2.39	2.50	2.54	2.52
165.0	2.79	2.81	2.87	2.83	2.75	2.92	2.91	2.80	2.49	2.55	2.61	2.62	2.49	2.58	2.61	2.59
167.5	2.81	2.83	2.91	2.92	2.86	2.98	2.96	2.82	2.54	2.61	2.69	2.69	2.60	2.66	2.69	2.64
170.0	2.84	2.87	2.96	2.97	2.95	3.06	3.01	2.87	2.61	2.69	2.79	2.80	2.71	2.77	2.80	2.72
172.5	2.87	2.89	3.00	3.01	3.00	3.08	3.02	2.88	2.67	2.74	2.86	2.87	2.83	2.85	2.87	2.77
175.0	2.83	2.86	2.97	2.97	2.97	3.04	2.98	2.87	2.69	2.75	2.88	2.90	2.89	2.89	2.89	2.78
177.5	2.79	2.82	2.92	2.91	2.89	2.96	2.92	2.82	2.72	2.76	2.86	2.87	2.85	2.88	2.89	2.78
180.0	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83



H/V	360.0
112.5	4.33
115.0	3.71
117.5	3.23
120.0	2.90
122.5	2.65
125.0	2.49
127.5	2.37
130.0	2.29
132.5	2.24
135.0	2.21
137.5	2.22
140.0	2.24
142.5	2.32
145.0	2.42
147.5	2.50
150.0	2.56
152.5	2.62
155.0	2.68
157.5	2.72
160.0	2.75
162.5	2.78
165.0	2.79
167.5	2.81
170.0	2.84
172.5	2.87
175.0	2.83
177.5	2.79
180.0	2.83