

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PrentaLux

Report Number: P979250

Luminaire Tested: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

Issue Date: 4/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P979250
TEST IS SCALED FROM (LM79-2019)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 4/2/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE
Description: PrentaLux 2-INCH CYLINDER, MEDIUM OPTIC
1500 LUMENS
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

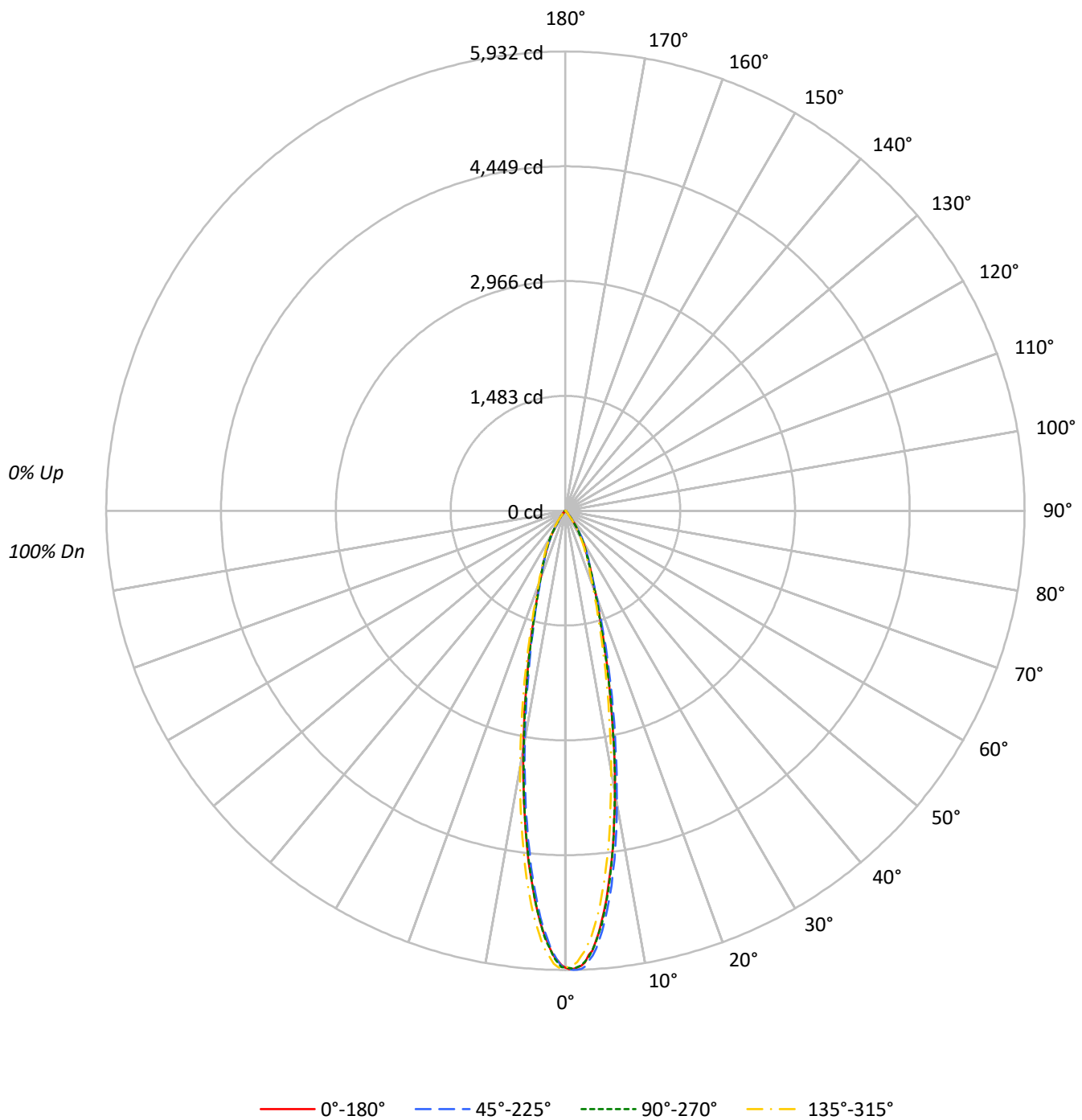
Lumens per Lamp: N/A
Luminaire Lumens: 1421.9 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 0.38 / 0.38 / 0.41
Luminous Opening: Circular (Dia: 0.21' x H: 0')
CIE Type: Direct

Input Watts (W): 13.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

Luminous Intensity Polar Plot



TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHITE

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	112	110	108	112	110	108	107	106	105	103		102	101	100		99
2	110	106	103	100	108	105	102	99	101	99	97		99	97	95		96
3	106	101	97	94	104	100	96	93	97	94	92		95	92	90		93
4	102	96	92	89	101	95	91	88	93	90	87		91	89	86		90
5	99	92	88	84	97	91	87	84	90	86	83		88	85	83		87
6	95	89	84	81	94	88	83	80	86	83	80		85	82	79		84
7	92	85	81	77	91	85	80	77	83	80	77		82	79	76		81
8	89	82	77	74	88	82	77	74	81	77	74		80	76	74		79
9	87	79	75	72	86	79	74	72	78	74	71		77	74	71		76
10	84	77	72	69	83	76	72	69	76	72	69		75	71	69		74

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	1833554	1833554	1833554	1833554
5°	1666610	1675220	1522422	1521455
10°	1162735	1162388	990467	978413
15°	671171	667407	550778	542252
20°	376852	371593	316529	314875
25°	239069	235160	204093	208517
30°	156063	152618	122654	126996
35°	79177	73297	53227	54897
40°	27708	24341	18743	18540
45°	10680	9713	8702	8614
50°	7010	6624	6430	6430
55°	6177	5743	5635	5852
60°	6091	5532	5345	5780
65°	6324	5515	5221	5883
70°	6724	5724	5179	6088
75°	7445	6124	5283	6484
80°	8053	5906	3579	5369
85°	2139	1783	1426	1426

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10680 cd/sqm

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	430.9	30.3
10°-20°	532.8	37.5
20°-30°	300.6	21.1
30°-40°	114.4	8.0
40°-50°	19.2	1.3
50°-60°	9.8	0.7
60°-70°	7.7	0.5
70°-80°	5.5	0.4
80°-90°	0.9	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1264.3	88.9
0°-40°	1378.7	97.0
0°-60°	1407.7	99.0
0°-90°	1421.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1421.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5900	5900	5900	5900	5900	
5°	5342	5370	4880	4877	5341	454
15°	2086	2074	1712	1685	2091	584
25°	697	686	595	608	697	326
35°	209	193	140	145	207	135
45°	24	22	20	20	24	22
55°	11	11	10	11	11	10
65°	9	8	7	8	9	9
75°	6	5	4	5	6	6
85°	1	0	0	0	1	1
90°	0	0	0	0	0	

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0
0.5°	5923.3	5931.8	5923.3	5903.1	5906.3	5885.1	5884.1	5876.6	5869.2	5860.7	5879.8
1°	5921.2	5946.6	5931.8	5921.2	5916.9	5887.2	5867.1	5841.7	5805.6	5795.0	5810.9
1.5°	5905.3	5936.0	5931.8	5930.7	5897.8	5862.9	5830.0	5772.8	5752.6	5720.8	5724.0
2°	5884.1	5912.7	5920.1	5894.7	5878.8	5816.2	5754.7	5708.1	5666.8	5631.8	5636.0
2.5°	5840.6	5878.8	5892.5	5870.3	5828.9	5766.4	5696.4	5618.0	5558.6	5532.1	5513.1
3°	5744.1	5812.0	5820.5	5801.4	5772.8	5696.4	5606.3	5521.5	5447.3	5399.6	5396.5
3.5°	5693.3	5731.4	5755.8	5734.6	5688.0	5593.6	5504.6	5406.0	5333.9	5293.6	5265.0
4°	5575.6	5649.8	5669.9	5640.3	5594.7	5504.6	5380.6	5275.6	5182.3	5116.6	5108.1
4.5°	5467.5	5538.5	5561.8	5543.8	5476.0	5377.4	5250.2	5151.6	5043.5	4976.7	4947.0
5°	5342.4	5419.8	5450.5	5428.3	5370.0	5241.7	5118.7	4995.8	4880.2	4823.0	4787.0
5.5°	5202.5	5289.4	5322.3	5286.2	5213.1	5103.9	4953.4	4828.3	4719.1	4632.2	4618.4
6°	5048.8	5149.5	5177.0	5154.8	5073.2	4946.0	4806.0	4672.5	4549.5	4476.4	4436.1
6.5°	4893.0	5005.3	5032.9	5001.1	4916.3	4782.7	4636.4	4501.8	4371.4	4288.8	4264.4
7°	4735.0	4832.5	4879.2	4843.1	4742.4	4620.5	4465.8	4325.9	4191.2	4112.8	4079.9
7.5°	4564.4	4678.8	4708.5	4669.3	4581.3	4440.3	4295.1	4143.5	4018.5	3928.4	3899.7
8°	4392.6	4506.1	4546.3	4509.2	4406.4	4254.8	4121.3	3959.1	3838.3	3759.8	3723.8
8.5°	4222.0	4329.0	4361.9	4332.2	4231.5	4089.5	3922.0	3787.4	3653.8	3564.8	3528.7
9°	4037.5	4143.5	4198.7	4145.7	4041.8	3912.5	3759.8	3602.9	3478.9	3400.5	3364.4
9.5°	3866.9	3969.7	4013.2	3967.6	3865.8	3727.0	3574.3	3438.6	3306.1	3213.9	3183.2
10°	3684.6	3789.5	3830.8	3792.7	3683.5	3543.6	3396.2	3252.1	3138.7	3053.9	3016.8
10.5°	3503.3	3615.7	3647.5	3608.2	3511.8	3384.6	3233.0	3082.5	2962.7	2875.8	2854.6
11°	3321.0	3421.7	3472.6	3430.2	3316.7	3185.3	3054.9	2918.2	2794.2	2722.1	2692.4
11.5°	3149.3	3259.5	3301.9	3246.8	3146.1	3019.9	2880.0	2751.8	2640.5	2561.0	2529.2
12°	2983.9	3082.5	3114.3	3074.0	2976.5	2853.5	2717.8	2593.8	2477.2	2410.4	2375.5
12.5°	2812.2	2910.8	2950.0	2915.0	2815.4	2695.6	2566.3	2438.0	2347.9	2276.9	2244.0
13°	2660.6	2761.3	2793.1	2749.6	2650.0	2538.7	2421.0	2294.9	2206.9	2133.8	2104.1
13.5°	2512.2	2608.7	2636.2	2589.6	2497.4	2390.3	2275.8	2160.3	2067.0	2010.8	1985.4
14°	2361.7	2449.7	2481.5	2443.3	2356.4	2253.6	2134.8	2031.0	1948.3	1894.2	1862.4
14.5°	2221.8	2296.0	2332.0	2291.7	2206.9	2113.6	2003.4	1903.8	1826.4	1773.4	1745.8
15°	2086.1	2168.8	2197.4	2159.2	2074.4	1985.4	1884.7	1791.4	1711.9	1665.3	1641.9
15.5°	1965.2	2044.7	2062.8	2024.6	1948.3	1857.1	1773.4	1684.3	1614.4	1565.6	1544.4
16°	1842.3	1913.3	1938.7	1900.6	1831.7	1747.9	1663.1	1579.4	1517.9	1474.5	1453.3
16.5°	1728.9	1793.5	1817.9	1782.9	1717.2	1640.9	1556.1	1482.9	1428.9	1388.6	1366.3
17°	1625.0	1689.6	1703.4	1674.8	1613.3	1538.1	1459.6	1396.0	1343.0	1307.0	1287.9
17.5°	1528.5	1584.7	1600.6	1568.8	1511.6	1444.8	1379.1	1312.3	1263.5	1229.6	1212.6
18°	1436.3	1487.2	1502.0	1475.5	1419.3	1353.6	1295.3	1236.0	1188.3	1161.8	1149.0
18.5°	1352.6	1404.5	1415.1	1391.8	1337.7	1276.2	1215.8	1167.1	1125.7	1102.4	1089.7
19°	1274.1	1320.8	1329.2	1305.9	1262.5	1208.4	1154.3	1104.5	1068.5	1044.1	1031.7
19.5°	1205.2	1244.4	1255.0	1231.7	1191.4	1139.5	1090.7	1042.7	1010.8	991.7	981.1
20°	1139.5	1174.5	1181.9	1160.7	1123.6	1078.0	1033.1	989.7	957.1	939.1	932.4
20.5°	1078.0	1111.9	1113.0	1098.2	1058.9	1014.8	976.2	937.9	908.1	893.6	885.6
21°	1019.3	1047.9	1053.7	1036.5	1002.9	964.4	927.6	890.1	862.2	849.6	843.8
21.5°	966.7	993.9	1000.0	981.6	954.0	915.2	879.5	847.3	823.8	810.1	807.4
22°	919.9	946.4	947.3	933.8	906.4	872.4	841.4	806.7	785.9	774.8	770.4

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	876.6	900.2	899.5	887.4	862.4	828.6	801.0	769.8	749.8	740.5	736.9
23°	833.9	858.7	857.1	844.4	820.8	789.6	763.6	734.2	714.1	705.1	704.6
23.5°	797.3	819.7	819.4	804.5	784.0	756.7	726.8	701.7	682.0	676.0	674.4
24°	761.4	781.0	781.9	768.6	747.1	719.7	694.7	669.3	652.0	647.2	644.5
24.5°	726.7	747.7	748.0	733.7	714.9	688.4	665.6	639.1	623.0	618.3	616.8
25°	697.2	717.8	717.1	701.2	685.8	657.0	637.0	610.5	595.2	589.0	588.8
25.5°	668.5	687.6	686.6	672.0	657.0	631.8	607.8	583.8	567.7	562.9	562.3
26°	641.0	657.9	660.6	643.7	626.7	601.2	579.8	556.6	540.6	536.7	537.7
26.5°	610.3	629.5	633.5	614.4	598.8	574.2	554.5	530.4	515.1	508.6	511.0
27°	584.4	603.6	607.0	587.7	572.5	550.2	529.0	504.2	488.1	482.8	485.2
27.5°	558.7	578.9	580.1	561.3	546.6	521.8	503.3	478.6	464.2	457.4	457.7
28°	535.3	554.0	557.1	536.7	522.0	499.7	477.8	454.0	437.5	432.4	432.8
28.5°	509.3	530.3	535.4	513.1	496.8	475.2	452.9	429.4	414.0	408.6	408.6
29°	485.4	503.8	510.9	489.8	472.3	449.9	430.0	406.8	389.5	383.2	384.8
29.5°	462.1	479.6	486.8	465.9	449.7	427.7	405.7	383.1	365.7	358.8	360.0
30°	434.9	455.8	461.2	440.6	425.3	400.6	381.4	357.3	341.8	334.6	335.7
30.5°	411.7	430.6	436.2	415.8	400.0	377.6	358.2	336.2	319.1	311.2	311.3
31°	390.2	405.7	412.3	391.1	375.5	355.7	331.9	310.4	295.6	288.0	287.7
31.5°	364.1	379.3	385.8	367.0	350.5	327.5	309.0	285.7	271.9	264.6	264.4
32°	340.8	356.2	361.2	342.5	326.7	305.5	287.3	266.8	249.8	244.0	243.2
32.5°	316.1	331.7	336.4	319.3	302.2	282.9	262.3	243.3	228.9	223.1	222.4
33°	291.1	306.7	310.0	295.1	279.9	259.7	242.6	222.8	209.8	203.4	202.5
33.5°	270.8	282.3	286.9	271.8	256.9	238.9	222.4	204.9	190.3	184.5	184.0
34°	248.8	258.9	262.6	248.6	234.5	216.5	198.2	183.5	172.4	166.6	166.3
34.5°	227.6	236.4	239.2	227.8	214.0	196.0	181.9	166.2	156.6	150.5	150.1
35°	208.7	215.5	216.7	207.3	193.2	177.8	164.5	150.4	140.3	135.8	134.6
35.5°	188.0	195.3	194.7	187.3	175.2	159.4	145.3	132.9	126.1	121.5	119.6
36°	170.4	176.1	175.5	167.8	158.3	143.8	131.0	119.9	113.2	108.9	107.7
36.5°	154.0	157.3	156.5	151.0	139.7	128.2	117.1	107.3	101.0	97.0	96.0
37°	137.6	140.2	138.9	134.3	125.1	113.3	102.4	94.8	90.4	86.6	85.4
37.5°	123.1	124.7	123.1	119.4	111.5	100.8	91.4	84.6	80.3	77.0	75.9
38°	109.4	109.9	108.1	104.9	96.6	88.2	80.5	74.7	70.7	68.4	67.5
38.5°	97.6	97.3	95.2	92.6	86.4	78.6	71.0	66.6	63.8	61.1	60.3
39°	86.6	86.1	83.6	81.9	77.0	69.5	63.0	59.2	57.1	54.8	54.0
39.5°	76.7	76.3	73.6	72.4	67.1	61.1	56.2	52.9	50.8	49.2	48.4
40°	68.3	67.9	65.2	63.8	60.0	55.2	50.3	47.7	46.2	44.6	43.9
40.5°	60.6	59.8	57.2	56.1	53.6	49.1	44.7	42.6	41.8	40.2	39.5
41°	54.0	52.8	50.5	49.6	46.7	43.7	40.6	38.7	37.3	36.4	35.9
41.5°	47.7	46.9	45.0	44.2	41.7	39.2	36.5	35.0	34.1	33.1	32.7
42°	42.5	41.8	40.0	39.5	37.5	35.0	32.9	31.5	31.0	30.1	29.7
42.5°	38.4	37.6	35.9	35.2	33.6	31.9	30.2	29.0	28.1	27.5	27.1
43°	34.4	33.8	32.3	31.7	30.5	29.1	27.6	26.5	25.8	25.3	24.7
43.5°	31.4	30.7	29.4	28.9	28.1	26.8	25.4	24.5	23.9	23.4	23.0
44°	28.7	28.2	27.1	26.5	25.6	24.8	23.7	22.9	22.3	21.9	21.5
44.5°	26.3	26.0	25.0	24.4	23.6	23.0	22.0	21.3	21.0	20.6	20.2

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	24.3	24.0	23.2	22.7	22.1	21.6	20.9	20.2	19.8	19.5	19.1
45.5°	22.6	22.4	21.6	21.1	20.7	20.2	19.7	19.2	18.8	18.5	18.2
46°	21.0	20.9	20.1	19.8	19.4	19.1	18.6	18.2	17.9	17.6	17.3
46.5°	19.8	19.6	19.1	18.6	18.5	18.2	17.8	17.4	17.0	16.8	16.5
47°	18.6	18.5	18.0	17.6	17.5	17.3	17.0	16.5	16.3	16.1	15.8
47.5°	17.7	17.6	17.1	16.9	16.7	16.5	16.3	15.9	15.7	15.5	15.3
48°	16.9	16.8	16.4	16.1	16.0	15.9	15.6	15.3	15.1	14.9	14.7
48.5°	16.2	16.1	15.6	15.4	15.3	15.2	15.1	14.8	14.6	14.4	14.2
49°	15.6	15.4	15.1	14.8	14.7	14.7	14.6	14.3	14.1	13.9	13.8
49.5°	15.0	14.9	14.6	14.3	14.2	14.2	14.1	13.8	13.7	13.5	13.4
50°	14.5	14.4	14.1	13.8	13.7	13.7	13.7	13.4	13.3	13.1	13.0
50.5°	14.0	13.9	13.6	13.3	13.3	13.3	13.2	13.0	12.9	12.8	12.6
51°	13.6	13.5	13.2	12.9	12.9	12.9	12.8	12.6	12.5	12.5	12.3
51.5°	13.2	13.1	12.8	12.6	12.5	12.5	12.5	12.3	12.2	12.1	12.0
52°	12.9	12.7	12.5	12.2	12.1	12.1	12.1	12.0	11.9	11.8	11.7
52.5°	12.6	12.4	12.2	11.9	11.8	11.8	11.8	11.6	11.6	11.5	11.5
53°	12.3	12.1	11.9	11.6	11.5	11.5	11.5	11.4	11.3	11.3	11.2
53.5°	12.0	11.9	11.6	11.4	11.3	11.3	11.2	11.1	11.1	11.0	11.0
54°	11.8	11.6	11.4	11.1	11.0	11.0	11.0	10.9	10.8	10.8	10.8
54.5°	11.6	11.4	11.1	10.9	10.7	10.7	10.8	10.6	10.6	10.6	10.6
55°	11.4	11.2	10.9	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4
55.5°	11.2	11.0	10.7	10.5	10.3	10.3	10.3	10.2	10.2	10.2	10.2
56°	11.0	10.8	10.5	10.3	10.1	10.1	10.1	10.0	10.0	10.0	10.0
56.5°	10.8	10.6	10.4	10.1	9.9	9.9	9.9	9.8	9.8	9.8	9.8
57°	10.6	10.5	10.2	9.9	9.8	9.7	9.6	9.6	9.6	9.6	9.7
57.5°	10.5	10.3	10.0	9.7	9.6	9.5	9.5	9.4	9.4	9.4	9.5
58°	10.3	10.1	9.8	9.6	9.4	9.4	9.3	9.3	9.2	9.3	9.3
58.5°	10.2	10.0	9.7	9.4	9.2	9.2	9.1	9.1	9.1	9.1	9.2
59°	10.1	9.9	9.6	9.3	9.1	9.0	9.0	8.9	8.9	8.9	9.1
59.5°	9.9	9.7	9.5	9.2	9.0	8.9	8.8	8.7	8.7	8.8	8.9
60°	9.8	9.6	9.3	9.0	8.9	8.7	8.7	8.6	8.6	8.6	8.8
60.5°	9.7	9.5	9.2	8.9	8.7	8.6	8.5	8.4	8.5	8.5	8.6
61°	9.5	9.3	9.1	8.8	8.6	8.4	8.4	8.3	8.3	8.3	8.5
61.5°	9.4	9.2	8.9	8.6	8.4	8.3	8.2	8.1	8.1	8.2	8.3
62°	9.3	9.1	8.8	8.5	8.3	8.1	8.0	7.9	8.0	8.0	8.2
62.5°	9.2	9.0	8.7	8.4	8.2	8.0	7.9	7.8	7.8	7.9	8.0
63°	9.1	8.9	8.6	8.3	8.1	7.9	7.7	7.7	7.7	7.7	7.9
63.5°	8.9	8.8	8.5	8.1	7.9	7.7	7.6	7.5	7.5	7.6	7.7
64°	8.8	8.6	8.3	8.0	7.8	7.6	7.5	7.4	7.4	7.5	7.6
64.5°	8.7	8.5	8.2	7.9	7.7	7.5	7.3	7.2	7.2	7.4	7.5
65°	8.6	8.4	8.1	7.8	7.5	7.3	7.2	7.1	7.1	7.2	7.4
65.5°	8.5	8.3	8.0	7.7	7.4	7.2	7.0	6.9	6.9	7.1	7.2
66°	8.3	8.1	7.8	7.5	7.3	7.1	6.9	6.8	6.8	6.9	7.1
66.5°	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.6	6.7	6.8	7.0
67°	8.1	7.9	7.6	7.3	7.1	6.8	6.6	6.5	6.5	6.6	6.8

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	8.0	7.8	7.5	7.2	6.9	6.7	6.5	6.4	6.4	6.5	6.7
68°	7.9	7.7	7.4	7.1	6.8	6.6	6.3	6.2	6.3	6.4	6.6
68.5°	7.8	7.6	7.3	7.0	6.7	6.4	6.2	6.1	6.1	6.3	6.4
69°	7.7	7.5	7.2	6.9	6.6	6.3	6.1	6.0	6.0	6.1	6.3
69.5°	7.5	7.3	7.1	6.7	6.5	6.2	6.0	5.9	5.9	6.0	6.2
70°	7.4	7.3	6.9	6.6	6.3	6.1	5.8	5.7	5.7	5.9	6.1
70.5°	7.3	7.1	6.8	6.5	6.2	5.9	5.7	5.6	5.6	5.7	5.9
71°	7.2	7.0	6.7	6.4	6.1	5.8	5.6	5.5	5.5	5.6	5.8
71.5°	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.4	5.4	5.5	5.7
72°	6.9	6.8	6.5	6.2	5.9	5.6	5.3	5.2	5.2	5.4	5.6
72.5°	6.8	6.7	6.4	6.1	5.8	5.5	5.2	5.1	5.1	5.2	5.4
73°	6.7	6.6	6.3	5.9	5.6	5.4	5.1	5.0	5.0	5.1	5.3
73.5°	6.6	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.8	5.0	5.2
74°	6.5	6.3	6.0	5.7	5.4	5.1	4.9	4.7	4.7	4.8	5.0
74.5°	6.3	6.2	5.9	5.6	5.3	5.0	4.7	4.6	4.6	4.7	4.9
75°	6.2	6.1	5.8	5.5	5.1	4.8	4.6	4.5	4.4	4.5	4.7
75.5°	6.1	6.0	5.7	5.4	5.0	4.7	4.5	4.3	4.3	4.4	4.6
76°	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.2	4.1	4.2	4.4
76.5°	5.8	5.7	5.4	5.1	4.7	4.4	4.2	4.0	3.9	4.0	4.3
77°	5.7	5.6	5.3	4.9	4.6	4.2	4.0	3.8	3.8	3.9	4.1
77.5°	5.5	5.4	5.1	4.8	4.4	4.1	3.8	3.6	3.6	3.6	3.9
78°	5.4	5.2	5.0	4.6	4.3	3.9	3.7	3.4	3.3	3.4	3.6
78.5°	5.2	5.1	4.8	4.4	4.1	3.7	3.4	3.2	3.1	3.2	3.4
79°	5.0	4.9	4.6	4.3	3.9	3.5	3.2	2.9	2.8	2.8	3.1
79.5°	4.8	4.7	4.4	4.1	3.6	3.2	2.9	2.6	2.4	2.5	2.7
80°	4.5	4.4	4.2	3.8	3.3	2.9	2.5	2.1	2.0	2.0	2.2
80.5°	4.2	4.1	3.9	3.5	3.0	2.5	2.1	1.8	1.5	1.6	1.7
81°	3.8	3.8	3.6	3.1	2.5	2.1	1.6	1.3	1.1	1.1	1.2
81.5°	3.3	3.3	3.1	2.6	2.1	1.7	1.1	0.9	0.9	0.9	0.9
82°	2.7	2.8	2.5	2.1	1.6	1.1	0.8	0.8	0.7	0.7	0.7
82.5°	2.1	2.2	2.0	1.6	1.1	0.8	0.7	0.7	0.6	0.6	0.6
83°	1.4	1.5	1.4	1.0	0.8	0.7	0.7	0.6	0.6	0.6	0.6
83.5°	0.9	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5
84°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5
84.5°	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4
85.5°	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3
86°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3
86.5°	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
87°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2
87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
88°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
88.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
89.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1



TEST NUMBER: P979250
CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHITE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	5900.0	5900.0	5900.0	5900.0	5900.0	5900.0
0.5°	5874.5	5895.7	5902.1	5921.2	5915.9	5922.2
1°	5818.3	5835.3	5869.2	5890.4	5906.3	5931.8
1.5°	5753.7	5770.6	5803.5	5855.4	5891.5	5910.6
2°	5642.4	5668.9	5725.1	5772.8	5838.5	5886.2
2.5°	5525.8	5572.4	5641.3	5694.3	5774.9	5826.8
3°	5411.3	5468.5	5519.4	5612.7	5688.0	5772.8
3.5°	5254.4	5326.5	5424.0	5491.9	5603.2	5677.4
4°	5115.6	5184.5	5260.8	5370.0	5479.1	5589.4
4.5°	4987.3	5031.8	5137.8	5240.6	5366.8	5464.3
5°	4806.0	4877.1	4971.4	5092.2	5218.4	5341.3
5.5°	4635.4	4712.8	4803.9	4938.5	5077.4	5199.3
6°	4466.8	4544.2	4646.0	4784.8	4922.6	5062.6
6.5°	4278.2	4350.2	4463.7	4613.1	4760.5	4898.3
7°	4100.1	4172.2	4300.4	4427.6	4590.9	4745.6
7.5°	3917.8	3990.9	4117.0	4255.9	4422.3	4568.6
8°	3737.6	3812.8	3925.2	4086.3	4242.1	4399.0
8.5°	3553.1	3629.4	3740.7	3897.6	4065.1	4218.8
9°	3384.6	3453.5	3573.3	3724.8	3881.7	4038.6
9.5°	3203.3	3274.3	3393.1	3552.1	3719.5	3864.8
10°	3033.7	3100.5	3220.3	3363.4	3521.3	3687.7
10.5°	2865.2	2937.3	3044.3	3190.6	3356.0	3506.5
11°	2701.9	2759.2	2876.8	3024.2	3180.0	3325.2
11.5°	2540.8	2608.7	2710.4	2848.2	3009.3	3151.4
12°	2389.2	2453.9	2556.7	2695.6	2840.8	2978.6
12.5°	2251.4	2310.8	2407.3	2536.6	2683.9	2819.6
13°	2117.9	2166.6	2263.1	2392.4	2530.2	2663.8
13.5°	1988.6	2037.3	2125.3	2253.6	2385.0	2506.9
14°	1869.8	1921.8	2004.5	2115.8	2237.7	2356.4
14.5°	1754.3	1794.6	1880.4	1983.3	2108.3	2223.9
15°	1647.2	1685.4	1756.4	1863.5	1983.3	2091.4
15.5°	1552.9	1591.1	1664.2	1751.1	1862.4	1959.9
16°	1456.4	1490.4	1558.2	1644.1	1742.6	1841.2
16.5°	1375.9	1402.4	1463.9	1546.5	1641.9	1729.9
17°	1296.4	1322.9	1379.1	1451.1	1542.3	1623.9
17.5°	1217.9	1248.7	1296.4	1368.5	1443.7	1527.5
18°	1151.2	1177.7	1225.4	1286.8	1366.3	1436.3
18.5°	1092.9	1113.0	1155.4	1214.8	1291.1	1352.6
19°	1035.0	1055.5	1097.1	1148.0	1214.8	1273.1
19.5°	985.7	1003.1	1035.9	1087.6	1146.9	1203.1
20°	935.1	952.1	987.3	1031.4	1086.5	1137.4
20.5°	888.9	904.2	932.4	976.3	1026.7	1071.7
21°	844.3	864.1	890.9	929.6	975.6	1018.3
21.5°	809.9	825.4	848.8	886.4	926.4	964.4
22°	776.1	786.9	812.4	846.7	884.8	919.2

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	741.7	753.2	777.2	808.8	842.0	876.0
23°	709.4	722.4	742.1	772.2	803.7	834.0
23.5°	679.4	692.3	711.5	739.1	766.4	798.2
24°	649.8	662.5	679.1	708.2	734.0	761.9
24.5°	622.9	633.8	652.3	678.5	703.0	728.9
25°	596.0	608.1	623.8	651.2	673.7	697.2
25.5°	569.6	581.5	600.3	624.7	644.4	666.7
26°	542.4	556.1	571.2	598.8	618.3	639.6
26.5°	514.9	529.9	546.1	571.3	591.8	612.3
27°	490.6	504.2	519.0	544.0	563.9	584.8
27.5°	466.7	477.7	496.0	520.6	538.9	558.1
28°	440.6	454.6	470.3	498.0	516.7	535.4
28.5°	415.5	429.5	445.7	473.3	491.4	510.6
29°	390.1	404.8	421.0	448.4	467.2	485.4
29.5°	365.7	380.2	397.3	421.9	443.4	461.5
30°	340.9	353.9	372.7	398.6	418.7	439.2
30.5°	316.9	331.1	347.7	374.4	394.7	414.1
31°	293.9	304.0	322.3	348.0	370.5	388.2
31.5°	269.5	281.2	298.8	324.5	346.0	363.8
32°	247.2	260.8	275.5	300.2	321.8	339.5
32.5°	225.9	236.7	253.2	276.6	298.8	316.6
33°	205.4	215.3	232.8	255.5	276.9	294.1
33.5°	187.0	196.7	211.9	232.1	253.4	271.3
34°	168.9	176.1	192.3	211.0	233.0	249.5
34.5°	152.0	160.3	173.7	192.9	212.8	227.9
35°	136.4	144.7	155.8	172.2	192.6	207.2
35.5°	122.2	127.9	140.1	154.8	174.6	188.9
36°	109.4	115.2	125.4	142.0	157.4	170.6
36.5°	97.2	102.8	111.6	123.6	140.0	153.2
37°	86.2	90.5	100.2	109.7	125.9	137.8
37.5°	76.9	80.6	88.3	99.3	112.3	122.4
38°	68.2	71.5	77.6	87.4	98.4	108.2
38.5°	60.7	63.5	69.9	76.9	88.4	97.1
39°	54.0	56.9	62.0	69.5	78.7	85.7
39.5°	48.4	50.7	54.8	61.7	69.3	76.1
40°	43.7	45.7	49.7	55.0	62.3	68.4
40.5°	39.5	41.1	44.3	49.4	55.3	60.3
41°	35.8	37.2	39.8	44.1	48.9	53.4
41.5°	32.4	33.8	36.3	39.7	44.1	47.8
42°	29.5	30.8	32.8	35.8	39.6	42.3
42.5°	27.0	28.1	30.0	32.6	35.6	38.0
43°	24.8	25.7	27.5	29.8	32.4	34.5
43.5°	22.9	23.8	25.3	27.4	29.5	31.3
44°	21.4	22.2	23.4	25.1	27.0	28.6
44.5°	20.1	20.7	21.9	23.3	24.9	26.3

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	19.0	19.6	20.5	21.8	23.0	24.3
45.5°	18.1	18.5	19.4	20.4	21.5	22.5
46°	17.2	17.6	18.4	19.3	20.2	21.0
46.5°	16.5	16.9	17.5	18.4	19.1	19.8
47°	15.8	16.1	16.7	17.4	18.1	18.6
47.5°	15.2	15.6	16.1	16.7	17.3	17.7
48°	14.6	15.0	15.5	16.1	16.5	16.9
48.5°	14.1	14.4	15.0	15.5	15.8	16.2
49°	13.7	14.0	14.5	15.0	15.3	15.6
49.5°	13.3	13.6	14.1	14.6	14.8	15.0
50°	13.0	13.3	13.7	14.2	14.4	14.5
50.5°	12.7	12.9	13.4	13.8	13.9	14.0
51°	12.3	12.6	13.0	13.4	13.5	13.6
51.5°	12.1	12.3	12.7	13.1	13.2	13.2
52°	11.8	12.0	12.4	12.8	12.9	12.9
52.5°	11.5	11.8	12.2	12.5	12.6	12.6
53°	11.3	11.6	11.9	12.2	12.3	12.2
53.5°	11.0	11.4	11.7	12.0	12.0	12.0
54°	10.8	11.2	11.5	11.8	11.8	11.8
54.5°	10.7	11.0	11.3	11.6	11.6	11.6
55°	10.5	10.8	11.2	11.4	11.4	11.4
55.5°	10.3	10.6	10.9	11.3	11.2	11.1
56°	10.1	10.4	10.8	11.1	11.0	10.9
56.5°	10.0	10.3	10.7	10.9	10.9	10.8
57°	9.8	10.1	10.5	10.7	10.7	10.6
57.5°	9.6	10.0	10.4	10.6	10.6	10.5
58°	9.5	9.8	10.2	10.4	10.4	10.3
58.5°	9.4	9.7	10.1	10.3	10.3	10.2
59°	9.2	9.6	9.9	10.2	10.1	10.1
59.5°	9.1	9.4	9.8	10.0	10.0	9.9
60°	9.0	9.3	9.7	9.9	9.9	9.8
60.5°	8.8	9.2	9.6	9.8	9.8	9.7
61°	8.7	9.0	9.4	9.6	9.6	9.5
61.5°	8.5	8.9	9.3	9.5	9.5	9.4
62°	8.4	8.8	9.1	9.4	9.4	9.3
62.5°	8.3	8.6	9.0	9.3	9.3	9.2
63°	8.1	8.5	8.9	9.1	9.1	9.0
63.5°	8.0	8.4	8.8	9.0	9.0	8.9
64°	7.9	8.3	8.7	8.9	8.9	8.8
64.5°	7.8	8.1	8.5	8.8	8.8	8.7
65°	7.6	8.0	8.4	8.7	8.7	8.6
65.5°	7.5	7.9	8.3	8.5	8.5	8.4
66°	7.4	7.8	8.1	8.4	8.4	8.3
66.5°	7.2	7.6	8.0	8.3	8.3	8.2
67°	7.1	7.5	7.9	8.2	8.2	8.1

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	7.0	7.4	7.8	8.0	8.1	8.0
68°	6.9	7.2	7.6	7.9	8.0	7.9
68.5°	6.7	7.1	7.5	7.8	7.8	7.7
69°	6.6	7.0	7.4	7.7	7.7	7.6
69.5°	6.5	6.9	7.3	7.5	7.6	7.5
70°	6.4	6.7	7.1	7.4	7.5	7.4
70.5°	6.2	6.6	7.0	7.3	7.4	7.3
71°	6.1	6.5	6.9	7.2	7.2	7.2
71.5°	6.0	6.4	6.8	7.1	7.1	7.0
72°	5.9	6.2	6.6	6.9	7.0	6.9
72.5°	5.7	6.1	6.5	6.8	6.9	6.8
73°	5.6	6.0	6.4	6.6	6.8	6.7
73.5°	5.5	5.9	6.3	6.5	6.6	6.6
74°	5.3	5.7	6.1	6.4	6.5	6.5
74.5°	5.2	5.6	6.0	6.3	6.4	6.3
75°	5.0	5.4	5.8	6.1	6.3	6.2
75.5°	4.9	5.3	5.7	6.0	6.1	6.1
76°	4.8	5.1	5.5	5.8	6.0	6.0
76.5°	4.6	4.9	5.4	5.7	5.8	5.8
77°	4.4	4.8	5.2	5.5	5.7	5.7
77.5°	4.2	4.6	5.0	5.3	5.5	5.5
78°	4.0	4.4	4.8	5.1	5.3	5.4
78.5°	3.7	4.1	4.6	4.9	5.1	5.2
79°	3.4	3.8	4.3	4.7	4.9	5.0
79.5°	3.0	3.5	4.0	4.4	4.7	4.7
80°	2.6	3.0	3.6	4.1	4.4	4.5
80.5°	2.0	2.5	3.1	3.6	4.0	4.2
81°	1.5	1.9	2.6	3.1	3.6	3.8
81.5°	1.1	1.3	1.9	2.5	3.0	3.2
82°	0.8	1.0	1.4	1.9	2.4	2.7
82.5°	0.7	0.7	0.9	1.3	1.8	2.1
83°	0.6	0.6	0.7	0.8	1.1	1.4
83.5°	0.5	0.6	0.6	0.7	0.8	0.9
84°	0.5	0.5	0.6	0.6	0.7	0.7
84.5°	0.4	0.5	0.5	0.6	0.6	0.6
85°	0.4	0.4	0.5	0.5	0.6	0.6
85.5°	0.4	0.4	0.4	0.5	0.5	0.5
86°	0.3	0.3	0.4	0.4	0.5	0.5
86.5°	0.3	0.3	0.3	0.4	0.4	0.4
87°	0.2	0.3	0.3	0.3	0.4	0.4
87.5°	0.2	0.2	0.3	0.3	0.3	0.4
88°	0.2	0.2	0.2	0.3	0.3	0.3
88.5°	0.1	0.1	0.2	0.2	0.2	0.3
89°	0.1	0.1	0.1	0.2	0.2	0.2
89.5°	0.1	0.1	0.1	0.1	0.2	0.2



TEST NUMBER: P979250
CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P979250

CATALOG NUMBER: PRLX-CYL2-X-935-15L-MD-U-S-X-X-WHTE

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.51	9.43	8.88	9.74	10.06	7.93	8.85	8.30	9.17	9.48
	3H	10.81	11.62	11.19	11.95	12.32	10.02	10.84	10.41	11.17	11.54
	4H	11.91	12.66	12.31	13.01	13.40	11.00	11.75	11.41	12.10	12.49
	6H	12.89	13.58	13.31	13.95	14.35	11.79	12.47	12.21	12.85	13.24
	8H	13.10	13.74	13.53	14.13	14.54	11.87	12.52	12.31	12.91	13.32
	12H	13.06	13.67	13.49	14.05	14.49	11.83	12.44	12.27	12.83	13.26
4H	2H	9.13	9.88	9.54	10.24	10.63	8.54	9.29	8.95	9.65	10.04
	3H	11.68	12.29	12.09	12.70	13.10	10.87	11.49	11.29	11.90	12.30
	4H	12.94	13.49	13.38	13.91	14.36	12.00	12.55	12.44	12.97	13.42
	6H	14.08	14.54	14.55	14.99	15.47	12.93	13.39	13.40	13.85	14.32
	8H	14.30	14.73	14.78	15.19	15.66	13.03	13.46	13.50	13.91	14.39
	12H	14.27	14.64	14.76	15.13	15.61	12.99	13.36	13.48	13.85	14.33
8H	4H	13.33	13.76	13.81	14.21	14.69	12.39	12.82	12.87	13.28	13.75
	6H	14.62	14.96	15.13	15.46	15.95	13.45	13.79	13.96	14.29	14.78
	8H	14.87	15.17	15.40	15.69	16.19	13.57	13.87	14.10	14.39	14.89
	12H	14.86	15.11	15.38	15.61	16.19	13.55	13.81	14.08	14.31	14.89
12H	4H	13.35	13.72	13.84	14.21	14.69	12.42	12.79	12.91	13.28	13.76
	6H	14.65	14.95	15.18	15.47	15.97	13.48	13.78	14.02	14.31	14.81
	8H	14.92	15.18	15.44	15.68	16.26	13.63	13.88	14.15	14.38	14.97

END OF REPORT