

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: P979242

Luminaire Tested: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

Issue Date: 4/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P979242
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-930-15L-MD-U-S-X-X-WHTE
Description: PrentaLux 2-INCH CYLINDER, MEDIUM OPTIC
1500 LUMENS
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

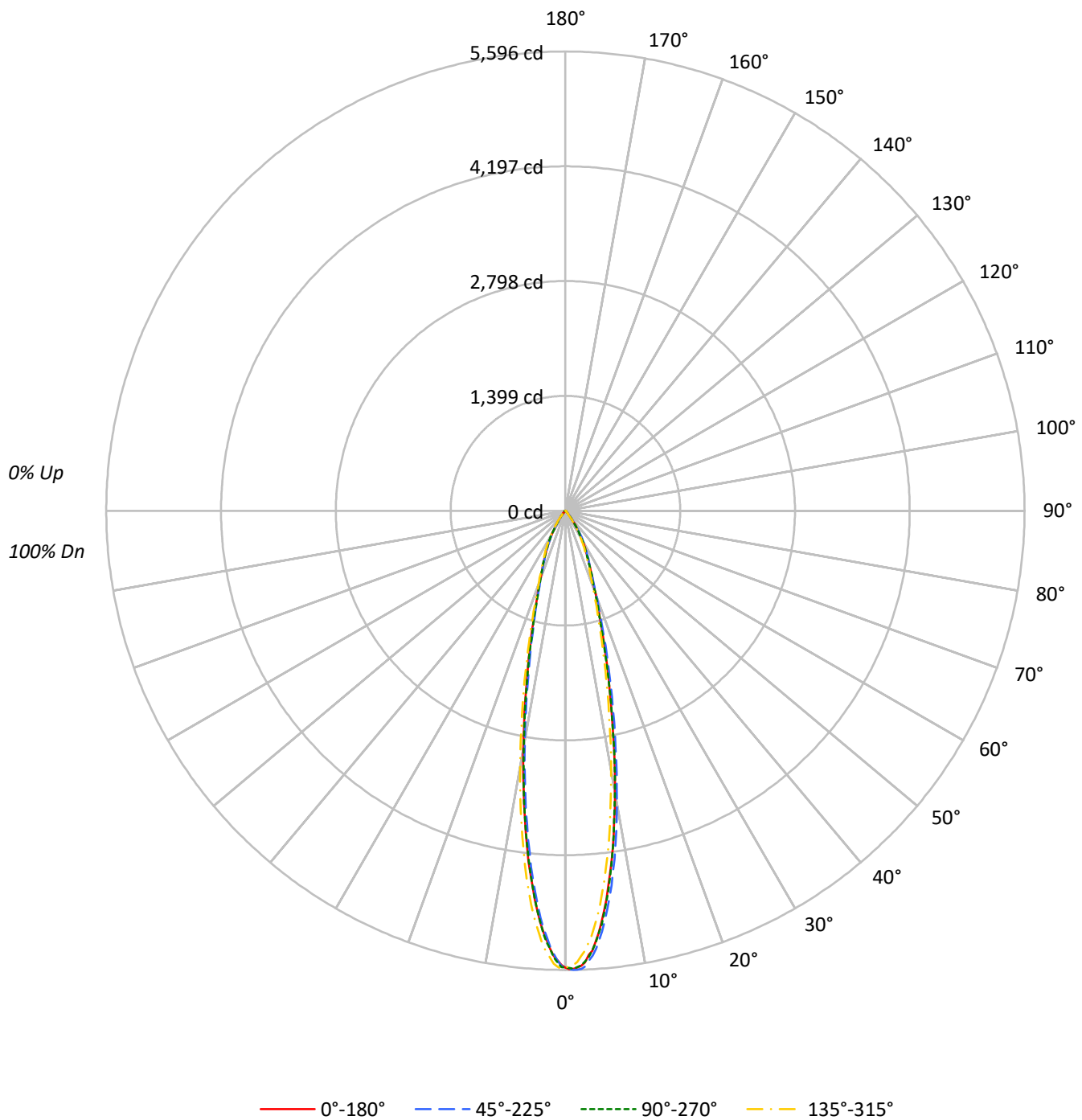
Lumens per Lamp: N/A
Luminaire Lumens: 1341.4 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 0.38 / 0.38 / 0.41
Luminous Opening: Circular (Dia: 0.21' x H: 0')
CIE Type: Direct

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: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

Luminous Intensity Polar Plot



TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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°	1729757	1729757	1729757	1729757
5°	1572274	1580384	1436259	1435324
10°	1096908	1096592	934391	923031
15°	633174	629635	519602	511558
20°	355520	350560	298604	297050
25°	225525	221856	192538	196721
30°	147236	143970	115729	119820
35°	74700	69161	50230	51786
40°	26126	22962	17688	17485
45°	10065	9186	8219	8131
50°	6624	6237	6043	6043
55°	5797	5418	5310	5527
60°	5718	5221	5035	5470
65°	5956	5221	4927	5589
70°	6360	5452	4907	5815
75°	7084	5884	5043	6124
80°	7517	5727	3221	5190
85°	2139	1783	1426	1426

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10065 cd/sqm

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	406.5	30.3
10°-20°	502.6	37.5
20°-30°	283.6	21.1
30°-40°	108.0	8.0
40°-50°	18.1	1.3
50°-60°	9.3	0.7
60°-70°	7.3	0.5
70°-80°	5.2	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°	1192.7	88.9
0°-40°	1300.7	97.0
0°-60°	1328.0	99.0
0°-90°	1341.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1341.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5566	5566	5566	5566	5566	
5°	5040	5066	4604	4601	5039	429
15°	1968	1957	1615	1590	1973	551
25°	658	647	562	574	658	308
35°	197	182	132	136	196	128
45°	23	21	19	18	23	21
55°	11	10	10	10	11	10
65°	8	7	7	8	8	8
75°	6	5	4	5	6	6
85°	1	0	0	0	1	1
90°	0	0	0	0	0	

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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°	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0
0.5°	5588.0	5596.0	5588.0	5569.0	5572.0	5552.0	5551.0	5544.0	5537.0	5529.0	5547.0
1°	5586.0	5610.0	5596.0	5586.0	5582.0	5554.0	5535.0	5511.0	5477.0	5467.0	5482.0
1.5°	5571.0	5600.0	5596.0	5595.0	5564.0	5531.0	5500.0	5446.0	5427.0	5397.0	5400.0
2°	5551.0	5578.0	5585.0	5561.0	5546.0	5487.0	5429.0	5385.0	5346.0	5313.0	5317.0
2.5°	5510.0	5546.0	5559.0	5538.0	5499.0	5440.0	5374.0	5300.0	5244.0	5219.0	5201.0
3°	5419.0	5483.0	5491.0	5473.0	5446.0	5374.0	5289.0	5209.0	5139.0	5094.0	5091.0
3.5°	5371.0	5407.0	5430.0	5410.0	5366.0	5277.0	5193.0	5100.0	5032.0	4994.0	4967.0
4°	5260.0	5330.0	5349.0	5321.0	5278.0	5193.0	5076.0	4977.0	4889.0	4827.0	4819.0
4.5°	5158.0	5225.0	5247.0	5230.0	5166.0	5073.0	4953.0	4860.0	4758.0	4695.0	4667.0
5°	5040.0	5113.0	5142.0	5121.0	5066.0	4945.0	4829.0	4713.0	4604.0	4550.0	4516.0
5.5°	4908.0	4990.0	5021.0	4987.0	4918.0	4815.0	4673.0	4555.0	4452.0	4370.0	4357.0
6°	4763.0	4858.0	4884.0	4863.0	4786.0	4666.0	4534.0	4408.0	4292.0	4223.0	4185.0
6.5°	4616.0	4722.0	4748.0	4718.0	4638.0	4512.0	4374.0	4247.0	4124.0	4046.0	4023.0
7°	4467.0	4559.0	4603.0	4569.0	4474.0	4359.0	4213.0	4081.0	3954.0	3880.0	3849.0
7.5°	4306.0	4414.0	4442.0	4405.0	4322.0	4189.0	4052.0	3909.0	3791.0	3706.0	3679.0
8°	4144.0	4251.0	4289.0	4254.0	4157.0	4014.0	3888.0	3735.0	3621.0	3547.0	3513.0
8.5°	3983.0	4084.0	4115.0	4087.0	3992.0	3858.0	3700.0	3573.0	3447.0	3363.0	3329.0
9°	3809.0	3909.0	3961.0	3911.0	3813.0	3691.0	3547.0	3399.0	3282.0	3208.0	3174.0
9.5°	3648.0	3745.0	3786.0	3743.0	3647.0	3516.0	3372.0	3244.0	3119.0	3032.0	3003.0
10°	3476.0	3575.0	3614.0	3578.0	3475.0	3343.0	3204.0	3068.0	2961.0	2881.0	2846.0
10.5°	3305.0	3411.0	3441.0	3404.0	3313.0	3193.0	3050.0	2908.0	2795.0	2713.0	2693.0
11°	3133.0	3228.0	3276.0	3236.0	3129.0	3005.0	2882.0	2753.0	2636.0	2568.0	2540.0
11.5°	2971.0	3075.0	3115.0	3063.0	2968.0	2849.0	2717.0	2596.0	2491.0	2416.0	2386.0
12°	2815.0	2908.0	2938.0	2900.0	2808.0	2692.0	2564.0	2447.0	2337.0	2274.0	2241.0
12.5°	2653.0	2746.0	2783.0	2750.0	2656.0	2543.0	2421.0	2300.0	2215.0	2148.0	2117.0
13°	2510.0	2605.0	2635.0	2594.0	2500.0	2395.0	2284.0	2165.0	2082.0	2013.0	1985.0
13.5°	2370.0	2461.0	2487.0	2443.0	2356.0	2255.0	2147.0	2038.0	1950.0	1897.0	1873.0
14°	2228.0	2311.0	2341.0	2305.0	2223.0	2126.0	2014.0	1916.0	1838.0	1787.0	1757.0
14.5°	2096.0	2166.0	2200.0	2162.0	2082.0	1994.0	1890.0	1796.0	1723.0	1673.0	1647.0
15°	1968.0	2046.0	2073.0	2037.0	1957.0	1873.0	1778.0	1690.0	1615.0	1571.0	1549.0
15.5°	1854.0	1929.0	1946.0	1910.0	1838.0	1752.0	1673.0	1589.0	1523.0	1477.0	1457.0
16°	1738.0	1805.0	1829.0	1793.0	1728.0	1649.0	1569.0	1490.0	1432.0	1391.0	1371.0
16.5°	1631.0	1692.0	1715.0	1682.0	1620.0	1548.0	1468.0	1399.0	1348.0	1310.0	1289.0
17°	1533.0	1594.0	1607.0	1580.0	1522.0	1451.0	1377.0	1317.0	1267.0	1233.0	1215.0
17.5°	1442.0	1495.0	1510.0	1480.0	1426.0	1363.0	1301.0	1238.0	1192.0	1160.0	1144.0
18°	1355.0	1403.0	1417.0	1392.0	1339.0	1277.0	1222.0	1166.0	1121.0	1096.0	1084.0
18.5°	1276.0	1325.0	1335.0	1313.0	1262.0	1204.0	1147.0	1101.0	1062.0	1040.0	1028.0
19°	1202.0	1246.0	1254.0	1232.0	1191.0	1140.0	1089.0	1042.0	1008.0	985.0	973.3
19.5°	1137.0	1174.0	1184.0	1162.0	1124.0	1075.0	1029.0	983.7	953.6	935.6	925.6
20°	1075.0	1108.0	1115.0	1095.0	1060.0	1017.0	974.6	933.7	902.9	885.9	879.6
20.5°	1017.0	1049.0	1050.0	1036.0	999.0	957.4	920.9	884.8	856.7	843.0	835.5
21°	961.6	988.6	994.1	977.8	946.1	909.8	875.1	839.7	813.4	801.5	796.0
21.5°	912.0	937.6	943.4	926.0	900.0	863.4	829.7	799.3	777.2	764.2	761.7
22°	867.8	892.8	893.7	880.9	855.1	823.0	793.8	761.0	741.4	730.9	726.8

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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°	827.0	849.2	848.6	837.2	813.6	781.7	755.7	726.2	707.4	698.6	695.2
23°	786.7	810.1	808.6	796.6	774.3	744.9	720.4	692.6	673.7	665.2	664.7
23.5°	752.2	773.3	773.0	759.0	739.6	713.9	685.7	662.0	643.4	637.7	636.2
24°	718.3	736.8	737.6	725.1	704.8	679.0	655.4	631.4	615.1	610.6	608.0
24.5°	685.6	705.4	705.7	692.2	674.4	649.4	627.9	602.9	587.7	583.3	581.9
25°	657.7	677.2	676.5	661.5	647.0	619.8	600.9	575.9	561.5	555.7	555.5
25.5°	630.7	648.7	647.7	634.0	619.8	596.0	573.4	550.8	535.6	531.0	530.5
26°	604.7	620.7	623.2	607.3	591.2	567.2	547.0	525.1	510.0	506.3	507.3
26.5°	575.8	593.9	597.6	579.6	564.9	541.7	523.1	500.4	485.9	479.8	482.1
27°	551.3	569.4	572.6	554.4	540.1	519.1	499.1	475.7	460.5	455.5	457.7
27.5°	527.1	546.1	547.3	529.5	515.7	492.3	474.8	451.5	437.9	431.5	431.8
28°	505.0	522.6	525.6	506.3	492.5	471.4	450.8	428.3	412.7	407.9	408.3
28.5°	480.5	500.3	505.1	484.1	468.7	448.3	427.3	405.1	390.6	385.5	385.5
29°	457.9	475.3	482.0	462.1	445.6	424.4	405.7	383.8	367.5	361.5	363.0
29.5°	435.9	452.5	459.2	439.5	424.2	403.5	382.7	361.4	345.0	338.5	339.6
30°	410.3	430.0	435.1	415.7	401.2	377.9	359.8	337.1	322.5	315.7	316.7
30.5°	388.4	406.2	411.5	392.3	377.4	356.2	337.9	317.2	301.0	293.6	293.7
31°	368.1	382.7	389.0	369.0	354.2	335.6	313.1	292.8	278.9	271.7	271.4
31.5°	343.5	357.8	364.0	346.2	330.7	309.0	291.5	269.5	256.5	249.6	249.4
32°	321.5	336.0	340.8	323.1	308.2	288.2	271.0	251.7	235.7	230.2	229.4
32.5°	298.2	312.9	317.4	301.2	285.1	266.9	247.5	229.5	215.9	210.5	209.8
33°	274.6	289.3	292.5	278.4	264.1	245.0	228.9	210.2	197.9	191.9	191.0
33.5°	255.5	266.3	270.7	256.4	242.4	225.4	209.8	193.3	179.5	174.1	173.6
34°	234.7	244.2	247.7	234.5	221.2	204.2	187.0	173.1	162.6	157.2	156.9
34.5°	214.7	223.0	225.7	214.9	201.9	184.9	171.6	156.8	147.7	142.0	141.6
35°	196.9	203.3	204.4	195.6	182.3	167.7	155.2	141.9	132.4	128.1	127.0
35.5°	177.4	184.2	183.7	176.7	165.3	150.4	137.1	125.4	119.0	114.6	112.8
36°	160.8	166.1	165.6	158.3	149.3	135.7	123.6	113.1	106.8	102.7	101.6
36.5°	145.3	148.4	147.6	142.5	131.8	120.9	110.5	101.2	95.2	91.5	90.6
37°	129.8	132.3	131.0	126.7	118.0	106.9	96.6	89.5	85.3	81.7	80.6
37.5°	116.1	117.6	116.1	112.6	105.2	95.1	86.3	79.8	75.7	72.6	71.6
38°	103.2	103.7	102.0	99.0	91.1	83.2	76.0	70.4	66.7	64.5	63.7
38.5°	92.1	91.8	89.8	87.3	81.5	74.2	67.0	62.9	60.2	57.7	56.9
39°	81.7	81.3	78.9	77.3	72.6	65.6	59.4	55.8	53.8	51.7	50.9
39.5°	72.4	72.0	69.5	68.3	63.3	57.6	53.0	49.9	47.9	46.4	45.7
40°	64.4	64.1	61.5	60.2	56.6	52.1	47.5	45.0	43.6	42.1	41.4
40.5°	57.2	56.4	54.0	52.9	50.5	46.3	42.2	40.2	39.4	37.9	37.3
41°	50.9	49.8	47.7	46.8	44.0	41.2	38.3	36.5	35.2	34.3	33.9
41.5°	45.0	44.2	42.4	41.7	39.3	37.0	34.5	33.1	32.2	31.2	30.8
42°	40.1	39.5	37.7	37.2	35.4	33.0	31.0	29.7	29.2	28.4	28.0
42.5°	36.3	35.5	33.8	33.2	31.7	30.1	28.5	27.4	26.5	26.0	25.6
43°	32.5	31.9	30.5	29.9	28.8	27.4	26.0	25.0	24.4	23.9	23.3
43.5°	29.6	29.0	27.7	27.2	26.5	25.3	24.0	23.1	22.6	22.1	21.7
44°	27.1	26.6	25.5	25.0	24.1	23.4	22.4	21.6	21.1	20.7	20.3
44.5°	24.8	24.5	23.6	23.0	22.2	21.7	20.8	20.1	19.8	19.4	19.1

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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°	22.9	22.7	21.9	21.4	20.9	20.4	19.7	19.1	18.7	18.4	18.1
45.5°	21.3	21.1	20.4	19.9	19.5	19.1	18.6	18.1	17.7	17.4	17.2
46°	19.8	19.7	19.0	18.7	18.3	18.0	17.6	17.1	16.9	16.6	16.3
46.5°	18.7	18.5	18.0	17.6	17.4	17.2	16.8	16.4	16.1	15.9	15.6
47°	17.6	17.4	17.0	16.6	16.5	16.3	16.0	15.6	15.4	15.2	14.9
47.5°	16.7	16.6	16.2	15.9	15.7	15.6	15.4	15.0	14.8	14.6	14.4
48°	16.0	15.8	15.4	15.2	15.1	15.0	14.7	14.4	14.2	14.0	13.9
48.5°	15.2	15.1	14.8	14.5	14.4	14.4	14.2	13.9	13.8	13.6	13.4
49°	14.7	14.5	14.2	14.0	13.9	13.9	13.8	13.5	13.3	13.2	13.0
49.5°	14.2	14.0	13.7	13.5	13.4	13.4	13.3	13.0	12.9	12.7	12.6
50°	13.7	13.6	13.3	13.0	12.9	13.0	12.9	12.7	12.5	12.4	12.2
50.5°	13.2	13.2	12.8	12.6	12.5	12.5	12.4	12.3	12.1	12.0	11.9
51°	12.8	12.8	12.4	12.2	12.1	12.2	12.1	11.9	11.8	11.7	11.6
51.5°	12.5	12.3	12.1	11.9	11.8	11.8	11.8	11.6	11.5	11.4	11.3
52°	12.1	12.0	11.8	11.5	11.4	11.4	11.4	11.3	11.2	11.1	11.1
52.5°	11.8	11.7	11.5	11.2	11.1	11.2	11.2	11.0	10.9	10.9	10.8
53°	11.6	11.4	11.2	11.0	10.8	10.9	10.8	10.7	10.7	10.6	10.6
53.5°	11.3	11.2	11.0	10.7	10.6	10.6	10.6	10.5	10.4	10.4	10.4
54°	11.1	11.0	10.7	10.4	10.4	10.4	10.3	10.2	10.2	10.2	10.2
54.5°	10.9	10.8	10.5	10.2	10.1	10.1	10.1	10.0	10.0	10.0	10.0
55°	10.7	10.6	10.3	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.8
55.5°	10.5	10.4	10.1	9.9	9.7	9.7	9.7	9.6	9.6	9.6	9.6
56°	10.3	10.2	10.0	9.7	9.5	9.6	9.5	9.4	9.4	9.4	9.4
56.5°	10.2	10.0	9.8	9.5	9.4	9.4	9.3	9.2	9.2	9.2	9.3
57°	10.0	9.9	9.6	9.3	9.2	9.1	9.1	9.0	9.1	9.1	9.1
57.5°	9.9	9.7	9.4	9.2	9.1	9.0	9.0	8.9	8.9	8.9	9.0
58°	9.8	9.6	9.3	9.0	8.9	8.8	8.8	8.7	8.7	8.8	8.8
58.5°	9.6	9.4	9.2	8.9	8.7	8.7	8.6	8.5	8.6	8.6	8.7
59°	9.5	9.3	9.0	8.8	8.6	8.5	8.5	8.4	8.4	8.4	8.5
59.5°	9.4	9.2	8.9	8.6	8.5	8.4	8.3	8.2	8.2	8.3	8.4
60°	9.2	9.1	8.8	8.5	8.4	8.3	8.2	8.1	8.1	8.2	8.3
60.5°	9.1	8.9	8.7	8.4	8.2	8.1	8.0	7.9	8.0	8.0	8.1
61°	9.0	8.8	8.5	8.3	8.1	7.9	7.9	7.8	7.8	7.9	8.0
61.5°	8.9	8.7	8.4	8.1	8.0	7.8	7.7	7.6	7.7	7.7	7.8
62°	8.8	8.6	8.3	8.0	7.8	7.7	7.6	7.5	7.5	7.6	7.7
62.5°	8.7	8.5	8.2	7.9	7.7	7.5	7.4	7.3	7.4	7.4	7.6
63°	8.5	8.4	8.1	7.8	7.6	7.4	7.3	7.2	7.2	7.3	7.4
63.5°	8.4	8.3	8.0	7.7	7.5	7.3	7.2	7.1	7.1	7.2	7.3
64°	8.3	8.2	7.9	7.6	7.4	7.2	7.0	6.9	7.0	7.1	7.2
64.5°	8.2	8.0	7.7	7.5	7.3	7.0	6.9	6.8	6.8	6.9	7.1
65°	8.1	7.9	7.6	7.4	7.1	6.9	6.8	6.7	6.7	6.8	7.0
65.5°	8.0	7.8	7.5	7.2	7.0	6.8	6.6	6.5	6.6	6.7	6.8
66°	7.9	7.7	7.4	7.1	6.9	6.7	6.5	6.4	6.4	6.5	6.7
66.5°	7.7	7.6	7.3	7.0	6.8	6.5	6.4	6.3	6.3	6.4	6.6
67°	7.6	7.5	7.2	6.9	6.7	6.4	6.2	6.1	6.2	6.3	6.4

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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°	7.5	7.4	7.1	6.8	6.5	6.3	6.1	6.0	6.0	6.2	6.3
68°	7.4	7.3	7.0	6.7	6.4	6.2	6.0	5.9	5.9	6.0	6.2
68.5°	7.3	7.1	6.9	6.6	6.3	6.1	5.8	5.8	5.8	5.9	6.1
69°	7.2	7.0	6.8	6.5	6.2	5.9	5.7	5.7	5.7	5.8	6.0
69.5°	7.1	6.9	6.7	6.3	6.1	5.8	5.6	5.5	5.6	5.7	5.9
70°	7.0	6.8	6.5	6.2	6.0	5.7	5.5	5.4	5.4	5.5	5.7
70.5°	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.3	5.3	5.4	5.6
71°	6.8	6.6	6.3	6.0	5.7	5.5	5.3	5.2	5.2	5.3	5.5
71.5°	6.7	6.5	6.2	5.9	5.6	5.4	5.2	5.0	5.1	5.2	5.4
72°	6.5	6.4	6.1	5.8	5.5	5.2	5.0	4.9	4.9	5.1	5.2
72.5°	6.4	6.3	6.0	5.7	5.4	5.2	4.9	4.8	4.8	4.9	5.1
73°	6.3	6.2	5.9	5.6	5.3	5.1	4.8	4.7	4.7	4.8	5.0
73.5°	6.2	6.1	5.8	5.5	5.2	4.9	4.7	4.6	4.6	4.7	4.9
74°	6.1	6.0	5.7	5.4	5.1	4.8	4.6	4.5	4.4	4.5	4.7
74.5°	6.0	5.9	5.6	5.3	5.0	4.7	4.5	4.3	4.3	4.4	4.6
75°	5.9	5.7	5.5	5.2	4.9	4.6	4.3	4.2	4.2	4.3	4.5
75.5°	5.8	5.6	5.4	5.1	4.7	4.4	4.2	4.1	4.0	4.2	4.3
76°	5.6	5.5	5.2	4.9	4.6	4.3	4.1	3.9	3.9	4.0	4.2
76.5°	5.5	5.4	5.1	4.8	4.5	4.2	3.9	3.8	3.7	3.8	4.0
77°	5.4	5.2	5.0	4.7	4.3	4.0	3.8	3.6	3.6	3.6	3.8
77.5°	5.2	5.1	4.8	4.5	4.2	3.8	3.6	3.4	3.4	3.4	3.6
78°	5.1	4.9	4.7	4.4	4.0	3.7	3.4	3.2	3.2	3.2	3.4
78.5°	4.9	4.8	4.5	4.2	3.8	3.5	3.2	3.0	2.9	3.0	3.2
79°	4.7	4.6	4.4	4.0	3.7	3.3	3.0	2.8	2.6	2.7	2.9
79.5°	4.5	4.4	4.2	3.8	3.4	3.1	2.7	2.4	2.2	2.3	2.5
80°	4.2	4.2	3.9	3.6	3.2	2.7	2.4	2.0	1.8	1.9	2.1
80.5°	4.0	3.9	3.7	3.3	2.9	2.4	2.0	1.7	1.5	1.5	1.6
81°	3.6	3.6	3.4	2.9	2.4	1.9	1.5	1.2	1.0	1.0	1.1
81.5°	3.1	3.1	2.9	2.5	2.0	1.6	1.1	0.9	0.8	0.8	0.9
82°	2.5	2.6	2.4	2.0	1.6	1.0	0.8	0.7	0.7	0.7	0.7
82.5°	1.9	2.1	1.9	1.5	1.0	0.8	0.7	0.6	0.6	0.6	0.6
83°	1.3	1.4	1.3	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5
83.5°	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5
84°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4
84.5°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4
85°	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
85.5°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3
86°	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
86.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2
87°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.3	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1



TEST NUMBER: P979242
CATALOG NUMBER: PRLX-CYL2-X-930-15L-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: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHITE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	5566.0	5566.0	5566.0	5566.0	5566.0	5566.0
0.5°	5542.0	5562.0	5568.0	5586.0	5581.0	5587.0
1°	5489.0	5505.0	5537.0	5557.0	5572.0	5596.0
1.5°	5428.0	5444.0	5475.0	5524.0	5558.0	5576.0
2°	5323.0	5348.0	5401.0	5446.0	5508.0	5553.0
2.5°	5213.0	5257.0	5322.0	5372.0	5448.0	5497.0
3°	5105.0	5159.0	5207.0	5295.0	5366.0	5446.0
3.5°	4957.0	5025.0	5117.0	5181.0	5286.0	5356.0
4°	4826.0	4891.0	4963.0	5066.0	5169.0	5273.0
4.5°	4705.0	4747.0	4847.0	4944.0	5063.0	5155.0
5°	4534.0	4601.0	4690.0	4804.0	4923.0	5039.0
5.5°	4373.0	4446.0	4532.0	4659.0	4790.0	4905.0
6°	4214.0	4287.0	4383.0	4514.0	4644.0	4776.0
6.5°	4036.0	4104.0	4211.0	4352.0	4491.0	4621.0
7°	3868.0	3936.0	4057.0	4177.0	4331.0	4477.0
7.5°	3696.0	3765.0	3884.0	4015.0	4172.0	4310.0
8°	3526.0	3597.0	3703.0	3855.0	4002.0	4150.0
8.5°	3352.0	3424.0	3529.0	3677.0	3835.0	3980.0
9°	3193.0	3258.0	3371.0	3514.0	3662.0	3810.0
9.5°	3022.0	3089.0	3201.0	3351.0	3509.0	3646.0
10°	2862.0	2925.0	3038.0	3173.0	3322.0	3479.0
10.5°	2703.0	2771.0	2872.0	3010.0	3166.0	3308.0
11°	2549.0	2603.0	2714.0	2853.0	3000.0	3137.0
11.5°	2397.0	2461.0	2557.0	2687.0	2839.0	2973.0
12°	2254.0	2315.0	2412.0	2543.0	2680.0	2810.0
12.5°	2124.0	2180.0	2271.0	2393.0	2532.0	2660.0
13°	1998.0	2044.0	2135.0	2257.0	2387.0	2513.0
13.5°	1876.0	1922.0	2005.0	2126.0	2250.0	2365.0
14°	1764.0	1813.0	1891.0	1996.0	2111.0	2223.0
14.5°	1655.0	1693.0	1774.0	1871.0	1989.0	2098.0
15°	1554.0	1590.0	1657.0	1758.0	1871.0	1973.0
15.5°	1465.0	1501.0	1570.0	1652.0	1757.0	1849.0
16°	1374.0	1406.0	1470.0	1551.0	1644.0	1737.0
16.5°	1298.0	1323.0	1381.0	1459.0	1549.0	1632.0
17°	1223.0	1248.0	1301.0	1369.0	1455.0	1532.0
17.5°	1149.0	1178.0	1223.0	1291.0	1362.0	1441.0
18°	1086.0	1111.0	1156.0	1214.0	1289.0	1355.0
18.5°	1031.0	1050.0	1090.0	1146.0	1218.0	1276.0
19°	976.4	995.8	1035.0	1083.0	1146.0	1201.0
19.5°	929.9	946.3	977.3	1026.0	1082.0	1135.0
20°	882.2	898.2	931.4	973.0	1025.0	1073.0
20.5°	838.6	853.0	879.6	921.0	968.6	1011.0
21°	796.5	815.2	840.5	877.0	920.4	960.7
21.5°	764.1	778.7	800.8	836.2	874.0	909.8
22°	732.2	742.4	766.4	798.8	834.7	867.2

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	699.7	710.6	733.2	763.0	794.3	826.4
23°	669.2	681.5	700.1	728.5	758.2	786.8
23.5°	640.9	653.1	671.2	697.3	723.0	753.0
24°	613.0	625.0	640.7	668.1	692.5	718.8
24.5°	587.6	597.9	615.4	640.1	663.2	687.6
25°	562.3	573.7	588.5	614.3	635.6	657.7
25.5°	537.4	548.6	566.3	589.3	607.9	629.0
26°	511.7	524.6	538.9	564.9	583.3	603.4
26.5°	485.8	499.9	515.2	539.0	558.3	577.6
27°	462.8	475.7	489.6	513.2	532.0	551.7
27.5°	440.3	450.7	467.9	491.1	508.4	526.5
28°	415.7	428.9	443.7	469.8	487.5	505.1
28.5°	392.0	405.2	420.5	446.5	463.6	481.7
29°	368.0	381.9	397.2	423.0	440.8	457.9
29.5°	345.0	358.7	374.8	398.0	418.3	435.4
30°	321.6	333.9	351.6	376.0	395.0	414.3
30.5°	299.0	312.4	328.0	353.2	372.4	390.7
31°	277.3	286.8	304.1	328.3	349.5	366.2
31.5°	254.2	265.3	281.9	306.1	326.4	343.2
32°	233.2	246.0	259.9	283.2	303.6	320.3
32.5°	213.1	223.3	238.9	260.9	281.9	298.7
33°	193.8	203.1	219.6	241.0	261.2	277.5
33.5°	176.4	185.6	199.9	219.0	239.1	255.9
34°	159.3	166.1	181.4	199.1	219.8	235.4
34.5°	143.4	151.2	163.9	182.0	200.8	215.0
35°	128.7	136.5	147.0	162.5	181.7	195.5
35.5°	115.3	120.7	132.2	146.0	164.7	178.2
36°	103.2	108.7	118.3	134.0	148.5	160.9
36.5°	91.7	97.0	105.3	116.6	132.1	144.5
37°	81.3	85.4	94.5	103.5	118.8	130.0
37.5°	72.5	76.0	83.3	93.7	105.9	115.5
38°	64.4	67.5	73.2	82.4	92.8	102.1
38.5°	57.3	59.9	66.0	72.6	83.4	91.6
39°	51.0	53.6	58.4	65.6	74.3	80.8
39.5°	45.7	47.9	51.7	58.2	65.3	71.8
40°	41.2	43.1	46.9	51.9	58.8	64.5
40.5°	37.3	38.8	41.8	46.6	52.2	56.9
41°	33.8	35.1	37.5	41.6	46.1	50.3
41.5°	30.6	31.9	34.3	37.5	41.6	45.1
42°	27.9	29.1	30.9	33.7	37.4	39.9
42.5°	25.5	26.5	28.3	30.7	33.6	35.9
43°	23.4	24.3	26.0	28.1	30.5	32.5
43.5°	21.6	22.5	23.8	25.8	27.8	29.5
44°	20.2	20.9	22.1	23.7	25.5	27.0
44.5°	19.0	19.5	20.7	22.0	23.5	24.8

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	17.9	18.5	19.4	20.6	21.7	22.9
45.5°	17.1	17.5	18.3	19.2	20.3	21.2
46°	16.2	16.6	17.4	18.2	19.0	19.8
46.5°	15.5	15.9	16.5	17.3	18.0	18.7
47°	14.9	15.2	15.8	16.4	17.1	17.6
47.5°	14.3	14.7	15.2	15.8	16.3	16.7
48°	13.8	14.1	14.6	15.2	15.5	15.9
48.5°	13.3	13.6	14.1	14.6	14.9	15.3
49°	13.0	13.2	13.7	14.2	14.4	14.7
49.5°	12.6	12.9	13.3	13.8	13.9	14.1
50°	12.2	12.5	12.9	13.4	13.5	13.7
50.5°	11.9	12.2	12.6	13.0	13.1	13.2
51°	11.6	11.9	12.3	12.7	12.7	12.8
51.5°	11.4	11.6	12.0	12.3	12.4	12.5
52°	11.1	11.4	11.7	12.1	12.1	12.1
52.5°	10.9	11.1	11.5	11.8	11.8	11.8
53°	10.6	10.9	11.2	11.5	11.6	11.5
53.5°	10.4	10.7	11.0	11.3	11.3	11.3
54°	10.2	10.5	10.9	11.1	11.1	11.1
54.5°	10.1	10.4	10.7	11.0	11.0	10.9
55°	9.9	10.2	10.5	10.8	10.7	10.7
55.5°	9.7	10.0	10.3	10.6	10.6	10.5
56°	9.6	9.8	10.2	10.5	10.4	10.3
56.5°	9.4	9.7	10.0	10.3	10.2	10.2
57°	9.3	9.6	9.9	10.1	10.1	10.0
57.5°	9.1	9.4	9.8	10.0	10.0	9.9
58°	9.0	9.3	9.6	9.8	9.8	9.7
58.5°	8.8	9.2	9.5	9.7	9.7	9.6
59°	8.7	9.0	9.4	9.6	9.6	9.5
59.5°	8.6	8.9	9.2	9.5	9.4	9.4
60°	8.5	8.8	9.1	9.3	9.3	9.2
60.5°	8.3	8.6	9.0	9.2	9.2	9.1
61°	8.2	8.5	8.9	9.1	9.1	9.0
61.5°	8.0	8.4	8.8	9.0	9.0	8.9
62°	7.9	8.3	8.6	8.9	8.8	8.8
62.5°	7.8	8.1	8.5	8.7	8.7	8.6
63°	7.7	8.0	8.4	8.6	8.6	8.5
63.5°	7.6	7.9	8.3	8.5	8.5	8.4
64°	7.4	7.8	8.2	8.4	8.4	8.3
64.5°	7.3	7.7	8.0	8.3	8.3	8.2
65°	7.2	7.6	7.9	8.2	8.2	8.1
65.5°	7.1	7.4	7.8	8.0	8.1	8.0
66°	7.0	7.3	7.7	7.9	7.9	7.9
66.5°	6.8	7.2	7.6	7.8	7.8	7.8
67°	6.7	7.1	7.4	7.7	7.7	7.6

TEST NUMBER: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-MD-U-S-X-X-WHTE

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	6.6	7.0	7.3	7.6	7.6	7.5
68°	6.5	6.8	7.2	7.5	7.5	7.4
68.5°	6.4	6.7	7.1	7.4	7.4	7.3
69°	6.2	6.6	7.0	7.2	7.3	7.2
69.5°	6.1	6.5	6.9	7.1	7.2	7.1
70°	6.0	6.4	6.7	7.0	7.0	7.0
70.5°	5.9	6.2	6.6	6.9	7.0	6.9
71°	5.8	6.1	6.5	6.8	6.8	6.8
71.5°	5.6	6.0	6.4	6.7	6.7	6.6
72°	5.5	5.9	6.3	6.5	6.6	6.5
72.5°	5.4	5.7	6.2	6.4	6.5	6.4
73°	5.3	5.6	6.0	6.3	6.4	6.3
73.5°	5.2	5.5	5.9	6.1	6.3	6.2
74°	5.0	5.4	5.8	6.0	6.1	6.1
74.5°	4.9	5.2	5.6	5.9	6.0	6.0
75°	4.8	5.1	5.5	5.8	5.9	5.9
75.5°	4.6	5.0	5.4	5.7	5.8	5.7
76°	4.5	4.8	5.2	5.5	5.6	5.6
76.5°	4.3	4.7	5.1	5.4	5.5	5.5
77°	4.1	4.5	4.9	5.2	5.4	5.4
77.5°	3.9	4.3	4.7	5.0	5.2	5.2
78°	3.7	4.1	4.5	4.8	5.0	5.1
78.5°	3.5	3.9	4.3	4.7	4.8	4.9
79°	3.2	3.6	4.0	4.4	4.6	4.7
79.5°	2.8	3.3	3.8	4.2	4.4	4.5
80°	2.4	2.9	3.4	3.9	4.1	4.2
80.5°	1.9	2.4	2.9	3.4	3.8	4.0
81°	1.4	1.8	2.4	2.9	3.4	3.6
81.5°	1.0	1.3	1.8	2.4	2.8	3.1
82°	0.7	0.9	1.3	1.8	2.3	2.5
82.5°	0.6	0.7	0.9	1.2	1.7	2.0
83°	0.6	0.6	0.6	0.8	1.1	1.3
83.5°	0.5	0.5	0.6	0.6	0.7	0.9
84°	0.5	0.5	0.5	0.6	0.6	0.7
84.5°	0.4	0.4	0.5	0.5	0.6	0.6
85°	0.4	0.4	0.4	0.5	0.5	0.6
85.5°	0.3	0.4	0.4	0.4	0.5	0.5
86°	0.3	0.3	0.4	0.4	0.4	0.5
86.5°	0.3	0.3	0.3	0.4	0.4	0.4
87°	0.2	0.2	0.3	0.3	0.3	0.4
87.5°	0.2	0.2	0.2	0.3	0.3	0.3
88°	0.2	0.2	0.2	0.2	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: P979242
CATALOG NUMBER: PRLX-CYL2-X-930-15L-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: P979242

CATALOG NUMBER: PRLX-CYL2-X-930-15L-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	8.31	9.23	8.68	9.55	9.86	7.74	8.66	8.10	8.97	9.29
	3H	10.60	11.41	10.98	11.75	12.12	9.83	10.64	10.21	10.97	11.34
	4H	11.70	12.45	12.11	12.81	13.20	10.80	11.55	11.21	11.90	12.29
	6H	12.69	13.37	13.11	13.75	14.15	11.60	12.28	12.02	12.66	13.05
	8H	12.89	13.53	13.33	13.93	14.34	11.69	12.33	12.12	12.72	13.13
	12H	12.86	13.47	13.29	13.85	14.29	11.65	12.26	12.08	12.64	13.07
4H	2H	8.93	9.68	9.34	10.03	10.43	8.34	9.09	8.75	9.45	9.84
	3H	11.47	12.08	11.88	12.49	12.90	10.67	11.28	11.09	11.69	12.10
	4H	12.73	13.28	13.17	13.70	14.15	11.80	12.35	12.24	12.77	13.22
	6H	13.87	14.34	14.34	14.79	15.26	12.74	13.20	13.21	13.66	14.13
	8H	14.09	14.53	14.57	14.98	15.45	12.84	13.27	13.32	13.72	14.20
	12H	14.06	14.43	14.55	14.92	15.40	12.80	13.17	13.29	13.66	14.14
8H	4H	13.12	13.55	13.60	14.01	14.48	12.19	12.63	12.67	13.08	13.55
	6H	14.41	14.75	14.92	15.25	15.74	13.26	13.59	13.77	14.10	14.59
	8H	14.66	14.96	15.20	15.49	15.99	13.38	13.68	13.91	14.20	14.70
	12H	14.65	14.91	15.18	15.41	15.99	13.37	13.62	13.89	14.12	14.70
12H	4H	13.14	13.51	13.63	14.00	14.48	12.22	12.59	12.71	13.08	13.56
	6H	14.44	14.74	14.98	15.26	15.76	13.29	13.59	13.83	14.12	14.61
	8H	14.71	14.97	15.24	15.47	16.05	13.44	13.69	13.96	14.19	14.78

END OF REPORT