

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: CORELITE

Report Number: P571993

Luminaire Tested: 22ID-55-L830-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-1)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-55-L830-SWR
Description: 5500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5408.0 lumens
Efficiency: N/A
Efficacy: 117.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.2 / 1.35
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

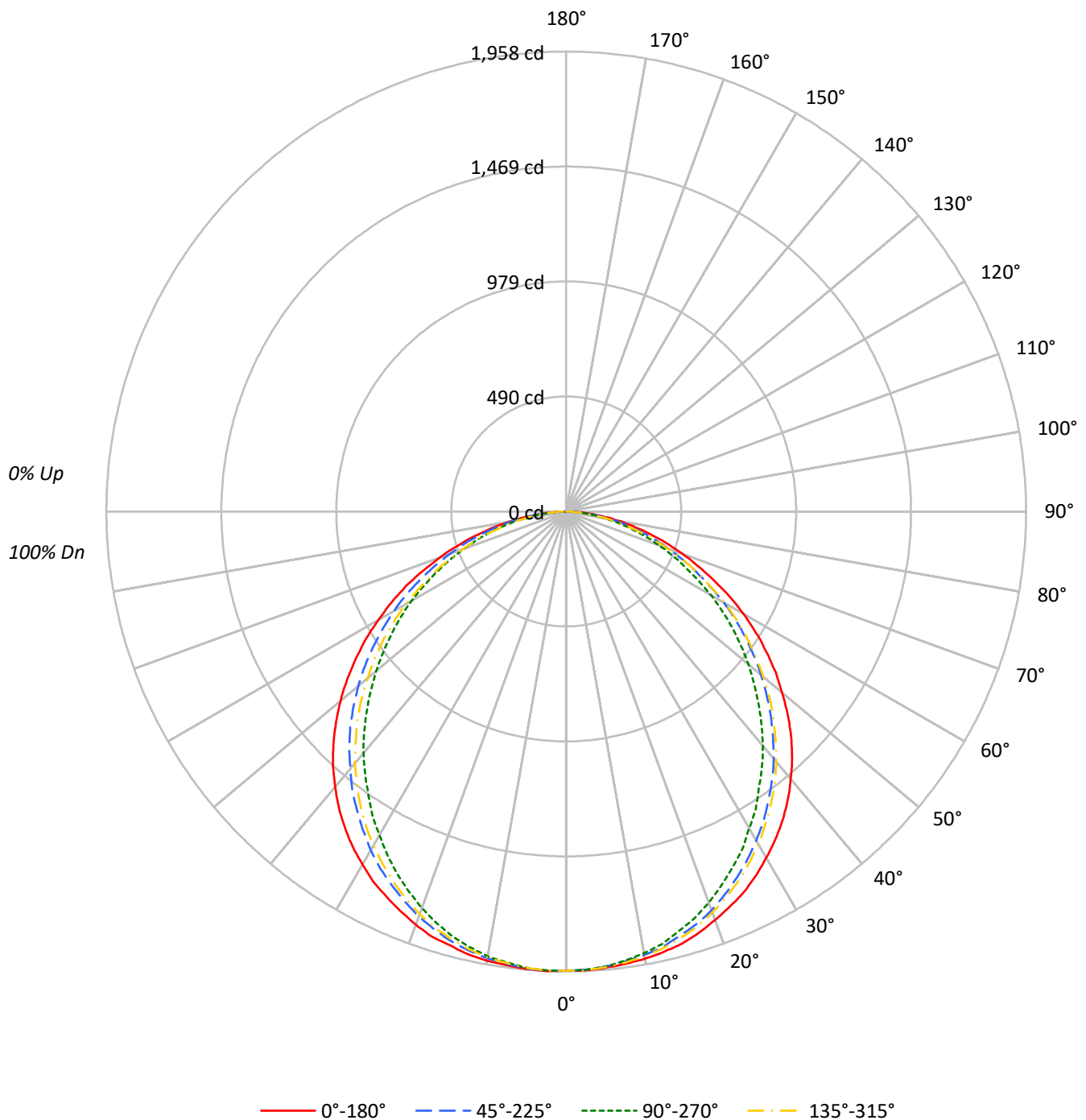
Input Watts (W): 45.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

Luminous Intensity Polar Plot



TEST NUMBER: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

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	109	104	100	96	106	102	98	95	98	94	92		94	91	89		90
2	99	91	84	78	96	89	83	77	85	80	76		82	78	74		79
3	90	80	72	65	88	78	71	65	75	69	64		73	67	62		70
4	83	71	62	55	80	69	61	55	67	60	54		65	58	53		62
5	76	63	54	48	74	62	54	47	60	53	47		58	52	46		56
6	70	57	48	42	68	56	48	42	54	47	41		53	46	41		51
7	65	52	43	37	64	51	43	37	49	42	36		48	41	36		47
8	61	47	39	33	59	47	38	33	45	38	33		44	37	32		43
9	57	43	35	30	55	43	35	30	42	34	29		41	34	29		40
10	53	40	32	27	52	40	32	27	39	32	27		38	31	27		37

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5262	5262	5262	5262
5°	5268	5253	5282	5268
10°	5285	5219	5306	5255
15°	5305	5156	5328	5216
20°	5300	5077	5361	5146
25°	5312	4969	5375	5056
30°	5292	4841	5392	4941
35°	5277	4703	5400	4827
40°	5227	4576	5378	4718
45°	5152	4406	5336	4569
50°	5027	4239	5251	4419
55°	4877	4045	5129	4259
60°	4684	3831	4973	4091
65°	4413	3557	4789	3848
70°	4142	3297	4501	3635
75°	3826	2988	4189	3379
80°	3454	2622	3705	3039
85°	2819	2155	2902	2572

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 5336 cd/sqm

TEST NUMBER: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.2	3.4
10°-20°	531.4	9.8
20°-30°	802.2	14.8
30°-40°	957.8	17.7
40°-50°	977.3	18.1
50°-60°	861.9	15.9
60°-70°	636.9	11.8
70°-80°	359.1	6.6
80°-90°	96.2	1.8
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°	1518.8	28.1
0°-40°	2476.6	45.8
0°-60°	4315.8	79.8
0°-90°	5408.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5408.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1956	1956	1956	1956	1956	
5°	1950	1945	1956	1950	1950	186
15°	1904	1851	1912	1872	1904	537
25°	1789	1673	1810	1703	1789	824
35°	1606	1432	1644	1469	1606	1004
45°	1354	1158	1402	1201	1354	1043
55°	1040	862	1093	908	1040	929
65°	693	559	752	604	693	688
75°	368	287	403	325	368	391
85°	91	70	94	83	91	107
90°	0	0	0	0	0	

TEST NUMBER: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1955.5	1955.5	1955.5	1952.8	1950.1	1950.1	1952.8	1952.8	1950.1	1952.8
5°	1950.1	1950.1	1950.1	1947.4	1944.7	1944.7	1944.7	1944.7	1942.0	1944.7	1944.7
7.5°	1942.0	1942.0	1942.0	1939.3	1936.7	1936.7	1936.7	1934.0	1931.3	1934.0	1931.3
10°	1934.0	1931.3	1931.3	1931.3	1925.9	1923.2	1923.2	1923.2	1920.5	1920.5	1917.9
12.5°	1920.5	1917.9	1917.9	1915.2	1912.5	1909.8	1907.1	1904.4	1901.7	1899.1	1899.1
15°	1904.4	1904.4	1899.1	1896.4	1891.0	1888.3	1885.6	1882.9	1877.6	1874.9	1869.5
17.5°	1880.3	1880.3	1874.9	1872.2	1866.8	1861.4	1861.4	1856.1	1850.7	1845.3	1842.6
20°	1850.7	1853.4	1850.7	1845.3	1837.3	1834.6	1831.9	1826.5	1818.5	1813.1	1807.7
22.5°	1821.2	1823.8	1818.5	1810.4	1805.0	1802.4	1797.0	1788.9	1780.9	1772.8	1764.8
25°	1788.9	1786.2	1780.9	1775.5	1767.4	1764.8	1759.4	1751.3	1737.9	1729.8	1719.1
27.5°	1748.6	1748.6	1740.6	1735.2	1721.8	1721.8	1713.7	1703.0	1692.2	1678.8	1670.7
30°	1703.0	1703.0	1697.6	1689.5	1676.1	1673.4	1665.4	1657.3	1641.2	1627.8	1617.0
32.5°	1657.3	1654.6	1649.2	1641.2	1627.8	1622.4	1614.3	1603.6	1590.2	1571.4	1563.3
35°	1606.3	1603.6	1595.5	1584.8	1574.0	1568.7	1560.6	1547.2	1533.7	1514.9	1501.5
37.5°	1549.9	1547.2	1539.1	1528.4	1514.9	1509.6	1501.5	1488.1	1469.3	1455.9	1439.7
40°	1488.1	1485.4	1480.0	1469.3	1455.9	1450.5	1439.7	1426.3	1404.8	1388.7	1375.3
42.5°	1423.6	1420.9	1412.9	1399.4	1388.7	1383.3	1372.6	1359.2	1340.4	1321.5	1302.7
45°	1353.8	1351.1	1343.0	1326.9	1318.9	1310.8	1300.1	1286.6	1270.5	1254.4	1232.9
47.5°	1278.6	1275.9	1270.5	1257.1	1241.0	1238.3	1227.5	1214.1	1195.3	1173.8	1157.7
50°	1200.7	1200.7	1192.6	1181.9	1171.1	1163.1	1152.3	1138.9	1114.7	1101.3	1082.5
52.5°	1122.8	1120.1	1114.7	1101.3	1093.2	1085.2	1071.7	1063.7	1039.5	1028.8	1007.3
55°	1039.5	1036.8	1026.1	1018.0	1012.6	1004.6	993.8	977.7	964.3	948.2	929.4
57.5°	956.2	953.6	945.5	940.1	929.4	921.3	910.6	899.8	881.0	870.3	851.5
60°	870.3	870.3	864.9	856.9	846.1	838.1	830.0	819.3	803.1	787.0	773.6
62.5°	784.3	784.3	776.3	768.2	762.8	754.8	749.4	736.0	722.6	711.8	690.3
65°	693.0	693.0	682.3	679.6	674.2	668.8	660.8	647.3	639.3	620.5	612.4
67.5°	607.1	609.7	601.7	601.7	593.6	588.3	580.2	569.4	561.4	545.3	537.2
70°	526.5	529.2	523.8	521.1	513.0	507.7	502.3	494.2	483.5	478.1	464.7
72.5°	445.9	448.6	443.2	443.2	435.1	432.5	427.1	421.7	411.0	405.6	392.2
75°	368.0	365.3	365.3	368.0	359.9	357.2	354.6	343.8	338.4	333.1	322.3
77.5°	292.8	292.8	295.5	292.8	287.4	284.7	279.4	271.3	268.6	265.9	255.2
80°	222.9	225.6	225.6	222.9	217.6	214.9	212.2	204.1	201.5	201.5	193.4
82.5°	155.8	155.8	153.1	155.8	150.4	147.7	150.4	142.4	139.7	139.7	134.3
85°	91.3	88.6	88.6	91.3	88.6	88.6	88.6	83.3	83.3	83.3	77.9
87.5°	34.9	34.9	37.6	37.6	34.9	34.9	34.9	34.9	32.2	32.2	29.5
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1950.1	1950.1	1950.1	1950.1	1952.8	1950.1	1952.8	1952.8	1955.5	1952.8	1955.5
5°	1944.7	1944.7	1942.0	1942.0	1942.0	1942.0	1942.0	1942.0	1942.0	1944.7	1944.7
7.5°	1931.3	1931.3	1928.6	1928.6	1928.6	1928.6	1925.9	1925.9	1928.6	1928.6	1928.6
10°	1915.2	1912.5	1909.8	1909.8	1909.8	1909.8	1907.1	1909.8	1909.8	1909.8	1909.8
12.5°	1891.0	1891.0	1888.3	1885.6	1885.6	1885.6	1882.9	1885.6	1885.6	1885.6	1885.6
15°	1866.8	1864.1	1861.4	1856.1	1856.1	1853.4	1850.7	1853.4	1850.7	1850.7	1853.4
17.5°	1831.9	1831.9	1826.5	1823.8	1821.2	1818.5	1815.8	1815.8	1815.8	1815.8	1821.2
20°	1797.0	1794.3	1788.9	1778.2	1780.9	1778.2	1772.8	1775.5	1775.5	1772.8	1772.8
22.5°	1759.4	1748.6	1743.3	1732.5	1735.2	1729.8	1727.1	1729.8	1727.1	1724.5	1729.8
25°	1708.3	1703.0	1689.5	1689.5	1684.2	1681.5	1681.5	1678.8	1676.1	1673.4	1678.8
27.5°	1662.7	1651.9	1643.9	1633.1	1627.8	1627.8	1625.1	1622.4	1617.0	1622.4	1622.4
30°	1606.3	1595.5	1582.1	1576.7	1571.4	1571.4	1566.0	1563.3	1557.9	1557.9	1566.0
32.5°	1552.6	1536.4	1523.0	1514.9	1512.3	1509.6	1506.9	1496.1	1498.8	1501.5	1504.2
35°	1488.1	1474.7	1463.9	1455.9	1447.8	1445.1	1442.4	1434.4	1434.4	1431.7	1439.7
37.5°	1426.3	1410.2	1402.1	1388.7	1383.3	1378.0	1375.3	1369.9	1367.2	1369.9	1372.6
40°	1359.2	1345.7	1332.3	1318.9	1313.5	1310.8	1302.7	1302.7	1297.4	1302.7	1302.7
42.5°	1289.3	1275.9	1259.8	1249.0	1243.7	1238.3	1232.9	1230.2	1230.2	1230.2	1232.9
45°	1219.5	1203.4	1187.2	1176.5	1171.1	1168.4	1160.4	1157.7	1152.3	1157.7	1160.4
47.5°	1144.3	1130.8	1114.7	1106.7	1098.6	1095.9	1087.9	1082.5	1079.8	1085.2	1085.2
50°	1069.1	1055.6	1042.2	1031.5	1023.4	1020.7	1012.6	1012.6	1007.3	1012.6	1012.6
52.5°	993.8	980.4	967.0	953.6	948.2	945.5	937.4	937.4	937.4	937.4	937.4
55°	918.6	899.8	891.8	878.3	873.0	870.3	867.6	859.5	862.2	862.2	862.2
57.5°	840.7	827.3	811.2	805.8	797.8	795.1	795.1	784.3	781.6	787.0	787.0
60°	762.8	752.1	736.0	727.9	722.6	722.6	714.5	703.8	701.1	711.8	711.8
62.5°	682.3	666.1	658.1	650.0	644.7	642.0	639.3	631.2	633.9	631.2	631.2
65°	607.1	590.9	585.6	577.5	572.1	569.4	566.8	561.4	556.0	558.7	558.7
67.5°	531.8	518.4	510.4	505.0	499.6	499.6	494.2	488.9	491.6	488.9	488.9
70°	459.3	448.6	437.8	435.1	429.8	429.8	427.1	424.4	421.7	419.0	419.0
72.5°	389.5	378.7	370.7	365.3	362.6	362.6	359.9	351.9	354.6	351.9	351.9
75°	317.0	308.9	306.2	300.8	298.2	298.2	295.5	290.1	292.8	287.4	282.0
77.5°	252.5	244.4	241.7	239.1	241.7	239.1	231.0	233.7	231.0	225.6	225.6
80°	193.4	185.3	185.3	180.0	177.3	177.3	174.6	174.6	171.9	169.2	169.2
82.5°	131.6	128.9	126.2	123.6	120.9	126.2	120.9	118.2	118.2	118.2	115.5
85°	75.2	75.2	72.5	72.5	69.8	72.5	69.8	67.2	69.8	69.8	64.5
87.5°	29.5	32.2	26.9	26.9	26.9	26.9	24.2	26.9	26.9	26.9	24.2
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1952.8	1952.8	1952.8	1952.8	1950.1	1952.8	1952.8	1955.5	1952.8	1952.8
5°	1944.7	1942.0	1944.7	1942.0	1942.0	1944.7	1944.7	1947.4	1947.4	1950.1	1950.1
7.5°	1928.6	1928.6	1928.6	1928.6	1928.6	1931.3	1931.3	1934.0	1936.7	1936.7	1939.3
10°	1909.8	1909.8	1912.5	1909.8	1912.5	1915.2	1917.9	1920.5	1923.2	1925.9	1925.9
12.5°	1885.6	1885.6	1885.6	1891.0	1891.0	1893.7	1896.4	1901.7	1904.4	1909.8	1909.8
15°	1853.4	1853.4	1858.8	1858.8	1861.4	1866.8	1872.2	1874.9	1880.3	1885.6	1888.3
17.5°	1818.5	1818.5	1823.8	1823.8	1826.5	1834.6	1840.0	1842.6	1853.4	1858.8	1864.1
20°	1778.2	1778.2	1786.2	1783.6	1788.9	1797.0	1802.4	1810.4	1818.5	1826.5	1831.9
22.5°	1729.8	1732.5	1740.6	1740.6	1743.3	1754.0	1762.1	1770.1	1778.2	1788.9	1797.0
25°	1678.8	1681.5	1689.5	1692.2	1694.9	1705.7	1716.4	1721.8	1735.2	1748.6	1754.0
27.5°	1622.4	1627.8	1633.1	1635.8	1641.2	1654.6	1665.4	1676.1	1686.9	1700.3	1711.0
30°	1566.0	1571.4	1576.7	1579.4	1584.8	1598.2	1609.0	1622.4	1635.8	1649.2	1660.0
32.5°	1501.5	1509.6	1514.9	1520.3	1523.0	1539.1	1552.6	1566.0	1579.4	1595.5	1609.0
35°	1439.7	1447.8	1453.2	1455.9	1461.2	1477.3	1488.1	1501.5	1520.3	1536.4	1549.9
37.5°	1372.6	1378.0	1388.7	1388.7	1394.1	1412.9	1426.3	1439.7	1458.5	1474.7	1490.8
40°	1305.4	1308.1	1318.9	1321.5	1326.9	1345.7	1359.2	1378.0	1391.4	1410.2	1426.3
42.5°	1232.9	1241.0	1251.7	1257.1	1262.5	1273.2	1283.9	1305.4	1318.9	1340.4	1356.5
45°	1160.4	1168.4	1173.8	1176.5	1189.9	1200.7	1211.4	1232.9	1249.0	1267.8	1286.6
47.5°	1087.9	1093.2	1101.3	1112.0	1117.4	1128.2	1136.2	1157.7	1173.8	1195.3	1211.4
50°	1012.6	1020.7	1026.1	1028.8	1039.5	1052.9	1063.7	1082.5	1095.9	1117.4	1136.2
52.5°	937.4	948.2	948.2	958.9	964.3	969.7	985.8	1004.6	1018.0	1036.8	1055.6
55°	864.9	870.3	878.3	881.0	889.1	894.5	905.2	924.0	940.1	958.9	977.7
57.5°	784.3	789.7	795.1	805.8	811.2	821.9	832.7	846.1	859.5	878.3	891.8
60°	706.4	714.5	719.9	727.9	727.9	741.4	754.8	768.2	779.0	797.8	811.2
62.5°	636.6	636.6	636.6	647.3	644.7	655.4	666.1	682.3	693.0	717.2	733.3
65°	561.4	564.1	564.1	572.1	569.4	580.2	588.3	604.4	615.1	628.5	644.7
67.5°	488.9	488.9	491.6	499.6	496.9	505.0	518.4	526.5	534.5	550.6	564.1
70°	413.7	416.3	419.0	427.1	424.4	435.1	443.2	448.6	459.3	470.1	480.8
72.5°	349.2	349.2	357.2	357.2	354.6	362.6	370.7	376.1	381.4	394.9	408.3
75°	287.4	284.7	290.1	290.1	287.4	290.1	295.5	303.5	308.9	319.6	330.4
77.5°	225.6	222.9	228.3	228.3	228.3	225.6	233.7	236.4	239.1	244.4	255.2
80°	166.5	163.9	169.2	169.2	163.9	166.5	171.9	174.6	174.6	180.0	188.0
82.5°	115.5	112.8	115.5	115.5	115.5	115.5	118.2	115.5	118.2	118.2	126.2
85°	69.8	67.2	69.8	67.2	67.2	64.5	69.8	67.2	67.2	69.8	69.8
87.5°	24.2	24.2	26.9	26.9	24.2	26.9	24.2	24.2	24.2	26.9	24.2
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1958.1	1958.1	1955.5	1958.1	1955.5
5°	1950.1	1950.1	1952.8	1952.8	1952.8	1952.8	1952.8	1955.5	1955.5	1955.5	1952.8
7.5°	1942.0	1942.0	1942.0	1942.0	1944.7	1947.4	1947.4	1947.4	1950.1	1947.4	1947.4
10°	1928.6	1934.0	1934.0	1936.7	1936.7	1939.3	1942.0	1942.0	1942.0	1942.0	1942.0
12.5°	1915.2	1917.9	1920.5	1923.2	1925.9	1925.9	1931.3	1931.3	1931.3	1931.3	1928.6
15°	1893.7	1899.1	1901.7	1904.4	1909.8	1909.8	1915.2	1912.5	1917.9	1915.2	1912.5
17.5°	1869.5	1874.9	1880.3	1880.3	1888.3	1891.0	1896.4	1899.1	1899.1	1896.4	1891.0
20°	1840.0	1848.0	1850.7	1856.1	1861.4	1866.8	1869.5	1872.2	1874.9	1872.2	1869.5
22.5°	1805.0	1815.8	1818.5	1823.8	1831.9	1837.3	1840.0	1842.6	1845.3	1845.3	1840.0
25°	1767.4	1780.9	1780.9	1788.9	1797.0	1805.0	1810.4	1810.4	1815.8	1810.4	1810.4
27.5°	1721.8	1737.9	1745.9	1748.6	1759.4	1767.4	1772.8	1778.2	1778.2	1772.8	1772.8
30°	1676.1	1692.2	1700.3	1703.0	1716.4	1724.5	1729.8	1735.2	1735.2	1735.2	1729.8
32.5°	1625.1	1643.9	1651.9	1654.6	1670.7	1678.8	1686.9	1692.2	1692.2	1689.5	1681.5
35°	1571.4	1584.8	1598.2	1603.6	1617.0	1625.1	1638.5	1643.9	1641.2	1641.2	1633.1
37.5°	1509.6	1531.1	1539.1	1544.5	1560.6	1571.4	1584.8	1590.2	1590.2	1587.5	1582.1
40°	1445.1	1469.3	1477.3	1485.4	1501.5	1514.9	1523.0	1531.1	1531.1	1531.1	1525.7
42.5°	1380.6	1399.4	1410.2	1418.2	1437.0	1445.1	1458.5	1469.3	1469.3	1466.6	1458.5
45°	1308.1	1329.6	1340.4	1348.4	1367.2	1383.3	1391.4	1402.1	1399.4	1399.4	1388.7
47.5°	1235.6	1257.1	1267.8	1275.9	1294.7	1313.5	1318.9	1329.6	1329.6	1329.6	1318.9
50°	1160.4	1181.9	1189.9	1198.0	1219.5	1230.2	1243.7	1254.4	1254.4	1257.1	1246.3
52.5°	1082.5	1098.6	1112.0	1117.4	1138.9	1152.3	1163.1	1176.5	1176.5	1171.1	1171.1
55°	999.2	1018.0	1031.5	1036.8	1052.9	1074.4	1082.5	1093.2	1093.2	1093.2	1087.9
57.5°	916.0	937.4	948.2	953.6	972.4	988.5	999.2	1010.0	1012.6	1012.6	1001.9
60°	830.0	851.5	862.2	867.6	889.1	902.5	913.3	924.0	926.7	929.4	918.6
62.5°	749.4	768.2	779.0	784.3	800.4	811.2	824.6	838.1	840.7	840.7	835.4
65°	660.8	679.6	687.6	693.0	706.4	725.2	741.4	752.1	754.8	752.1	752.1
67.5°	577.5	593.6	604.4	607.1	620.5	639.3	647.3	658.1	660.8	660.8	658.1
70°	494.2	513.0	521.1	526.5	537.2	553.3	561.4	572.1	574.8	577.5	572.1
72.5°	416.3	429.8	437.8	443.2	456.6	470.1	475.4	486.2	491.6	491.6	486.2
75°	338.4	351.9	357.2	362.6	373.4	386.8	392.2	402.9	408.3	405.6	405.6
77.5°	263.2	274.0	279.4	282.0	290.1	306.2	308.9	319.6	319.6	322.3	322.3
80°	193.4	201.5	206.8	209.5	214.9	225.6	231.0	239.1	244.4	241.7	241.7
82.5°	128.9	134.3	139.7	145.0	145.0	155.8	155.8	163.9	163.9	169.2	166.5
85°	72.5	75.2	77.9	80.6	80.6	88.6	88.6	94.0	99.4	94.0	94.0
87.5°	24.2	26.9	26.9	29.5	26.9	32.2	29.5	34.9	37.6	37.6	34.9
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
5°	1952.8	1952.8	1950.1	1952.8	1952.8	1952.8	1952.8	1950.1	1950.1	1950.1	1950.1
7.5°	1947.4	1944.7	1944.7	1944.7	1942.0	1942.0	1942.0	1942.0	1939.3	1939.3	1939.3
10°	1939.3	1936.7	1936.7	1936.7	1934.0	1934.0	1931.3	1928.6	1928.6	1925.9	1923.2
12.5°	1928.6	1925.9	1923.2	1923.2	1920.5	1917.9	1915.2	1912.5	1909.8	1904.4	1904.4
15°	1909.8	1909.8	1907.1	1904.4	1899.1	1899.1	1893.7	1891.0	1885.6	1880.3	1880.3
17.5°	1891.0	1888.3	1885.6	1880.3	1874.9	1872.2	1866.8	1861.4	1856.1	1850.7	1848.0
20°	1866.8	1858.8	1861.4	1853.4	1848.0	1842.6	1834.6	1829.2	1821.2	1815.8	1810.4
22.5°	1834.6	1831.9	1829.2	1821.2	1813.1	1810.4	1797.0	1788.9	1780.9	1772.8	1767.4
25°	1799.7	1797.0	1794.3	1786.2	1775.5	1770.1	1756.7	1748.6	1735.2	1729.8	1724.5
27.5°	1759.4	1759.4	1754.0	1743.3	1735.2	1721.8	1713.7	1697.6	1686.9	1678.8	1673.4
30°	1716.4	1716.4	1711.0	1697.6	1686.9	1673.4	1665.4	1649.2	1635.8	1627.8	1617.0
32.5°	1673.4	1670.7	1665.4	1651.9	1638.5	1625.1	1609.0	1595.5	1579.4	1571.4	1560.6
35°	1622.4	1619.7	1614.3	1598.2	1587.5	1571.4	1552.6	1536.4	1520.3	1512.3	1496.1
37.5°	1568.7	1563.3	1557.9	1539.1	1525.7	1509.6	1496.1	1474.7	1458.5	1447.8	1439.7
40°	1509.6	1506.9	1498.8	1482.7	1463.9	1447.8	1429.0	1412.9	1396.8	1383.3	1372.6
42.5°	1450.5	1439.7	1434.4	1418.2	1404.8	1380.6	1367.2	1345.7	1329.6	1318.9	1302.7
45°	1383.3	1375.3	1367.2	1351.1	1332.3	1313.5	1300.1	1275.9	1259.8	1246.3	1232.9
47.5°	1308.1	1305.4	1297.4	1278.6	1262.5	1243.7	1227.5	1203.4	1187.2	1176.5	1163.1
50°	1232.9	1230.2	1224.8	1206.0	1184.6	1168.4	1155.0	1130.8	1114.7	1098.6	1090.5
52.5°	1163.1	1152.3	1147.0	1130.8	1109.3	1090.5	1079.8	1055.6	1039.5	1023.4	1012.6
55°	1082.5	1074.4	1069.1	1055.6	1036.8	1012.6	1001.9	980.4	967.0	956.2	940.1
57.5°	1001.9	991.2	985.8	969.7	956.2	937.4	924.0	902.5	889.1	878.3	867.6
60°	910.6	910.6	905.2	889.1	875.7	856.9	846.1	824.6	811.2	803.1	789.7
62.5°	835.4	824.6	821.9	803.1	795.1	776.3	768.2	749.4	741.4	727.9	714.5
65°	741.4	741.4	738.7	727.9	717.2	693.0	682.3	666.1	658.1	647.3	636.6
67.5°	658.1	650.0	650.0	639.3	625.9	612.4	604.4	588.3	582.9	569.4	561.4
70°	574.8	566.8	566.8	553.3	545.3	531.8	526.5	513.0	502.3	496.9	488.9
72.5°	491.6	486.2	483.5	472.7	467.4	453.9	451.3	437.8	427.1	424.4	416.3
75°	408.3	402.9	394.9	397.5	386.8	376.1	373.4	365.3	359.9	351.9	343.8
77.5°	325.0	319.6	319.6	314.3	308.9	300.8	298.2	292.8	284.7	279.4	274.0
80°	247.1	241.7	241.7	239.1	231.0	225.6	225.6	217.6	217.6	212.2	209.5
82.5°	169.2	166.5	163.9	166.5	161.2	155.8	158.5	155.8	153.1	147.7	145.0
85°	99.4	96.7	94.0	99.4	94.0	96.7	94.0	91.3	91.3	88.6	86.0
87.5°	37.6	37.6	34.9	37.6	37.6	40.3	37.6	37.6	37.6	37.6	37.6
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
5°	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1947.4	1950.1
7.5°	1939.3	1936.7	1939.3	1936.7	1936.7	1936.7	1936.7	1936.7	1936.7	1936.7	1936.7
10°	1923.2	1923.2	1923.2	1923.2	1923.2	1923.2	1923.2	1923.2	1923.2	1920.5	1920.5
12.5°	1904.4	1904.4	1901.7	1901.7	1901.7	1899.1	1899.1	1901.7	1901.7	1899.1	1901.7
15°	1877.6	1880.3	1874.9	1872.2	1872.2	1872.2	1872.2	1872.2	1872.2	1872.2	1874.9
17.5°	1848.0	1845.3	1842.6	1842.6	1840.0	1837.3	1837.3	1840.0	1840.0	1842.6	1842.6
20°	1810.4	1810.4	1805.0	1802.4	1799.7	1797.0	1797.0	1799.7	1799.7	1799.7	1805.0
22.5°	1767.4	1764.8	1759.4	1756.7	1756.7	1751.3	1754.0	1756.7	1756.7	1756.7	1759.4
25°	1719.1	1716.4	1713.7	1711.0	1705.7	1703.0	1703.0	1708.3	1708.3	1713.7	1716.4
27.5°	1668.1	1665.4	1660.0	1654.6	1651.9	1649.2	1649.2	1654.6	1654.6	1660.0	1662.7
30°	1614.3	1611.6	1603.6	1600.9	1592.8	1590.2	1592.8	1598.2	1600.9	1603.6	1606.3
32.5°	1557.9	1552.6	1544.5	1541.8	1533.7	1536.4	1531.1	1539.1	1541.8	1544.5	1547.2
35°	1496.1	1490.8	1482.7	1474.7	1472.0	1469.3	1469.3	1474.7	1474.7	1482.7	1485.4
37.5°	1429.0	1426.3	1418.2	1412.9	1407.5	1407.5	1402.1	1410.2	1412.9	1418.2	1418.2
40°	1367.2	1364.5	1351.1	1345.7	1340.4	1343.0	1335.0	1343.0	1345.7	1351.1	1353.8
42.5°	1294.7	1292.0	1281.3	1275.9	1270.5	1273.2	1265.1	1273.2	1270.5	1278.6	1281.3
45°	1224.8	1222.2	1214.1	1203.4	1198.0	1200.7	1200.7	1200.7	1198.0	1206.0	1208.7
47.5°	1155.0	1149.6	1141.6	1130.8	1125.5	1128.2	1128.2	1128.2	1125.5	1136.2	1136.2
50°	1082.5	1077.1	1069.1	1058.3	1055.6	1055.6	1055.6	1055.6	1055.6	1061.0	1063.7
52.5°	1007.3	1004.6	996.5	985.8	980.4	980.4	980.4	975.0	980.4	983.1	985.8
55°	932.1	929.4	916.0	910.6	905.2	907.9	905.2	902.5	902.5	907.9	910.6
57.5°	856.9	854.2	846.1	843.4	830.0	832.7	830.0	830.0	832.7	832.7	835.4
60°	781.6	779.0	770.9	768.2	757.5	760.2	749.4	754.8	757.5	757.5	757.5
62.5°	701.1	701.1	687.6	682.3	676.9	679.6	671.5	671.5	671.5	676.9	676.9
65°	628.5	625.9	615.1	609.7	604.4	604.4	599.0	599.0	596.3	601.7	601.7
67.5°	553.3	553.3	542.6	537.2	531.8	534.5	526.5	526.5	529.2	529.2	529.2
70°	480.8	480.8	472.7	470.1	462.0	462.0	453.9	456.6	456.6	456.6	456.6
72.5°	411.0	411.0	402.9	400.2	392.2	392.2	384.1	386.8	386.8	384.1	384.1
75°	341.1	343.8	330.4	327.7	322.3	325.0	319.6	317.0	319.6	314.3	314.3
77.5°	271.3	271.3	268.6	265.9	257.9	257.9	255.2	249.8	252.5	247.1	247.1
80°	204.1	206.8	198.8	201.5	193.4	196.1	193.4	188.0	188.0	185.3	182.7
82.5°	142.4	142.4	139.7	142.4	139.7	137.0	134.3	131.6	131.6	126.2	126.2
85°	86.0	88.6	83.3	86.0	86.0	83.3	77.9	77.9	77.9	75.2	75.2
87.5°	34.9	40.3	37.6	37.6	37.6	37.6	34.9	37.6	34.9	32.2	32.2
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5	1955.5
2.5°	1952.8	1955.5	1955.5	1955.5	1955.5	1952.8	1952.8	1952.8	1952.8	1952.8	1955.5
5°	1947.4	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1	1950.1
7.5°	1936.7	1936.7	1939.3	1939.3	1939.3	1939.3	1942.0	1939.3	1942.0	1939.3	1942.0
10°	1920.5	1923.2	1925.9	1925.9	1928.6	1925.9	1928.6	1928.6	1931.3	1931.3	1931.3
12.5°	1901.7	1904.4	1904.4	1909.8	1909.8	1909.8	1912.5	1912.5	1915.2	1917.9	1917.9
15°	1874.9	1877.6	1880.3	1880.3	1885.6	1891.0	1891.0	1893.7	1896.4	1899.1	1899.1
17.5°	1842.6	1845.3	1848.0	1853.4	1858.8	1864.1	1866.8	1866.8	1872.2	1874.9	1874.9
20°	1805.0	1810.4	1815.8	1821.2	1823.8	1831.9	1834.6	1837.3	1842.6	1848.0	1848.0
22.5°	1764.8	1767.4	1775.5	1780.9	1786.2	1794.3	1797.0	1805.0	1810.4	1813.1	1815.8
25°	1716.4	1721.8	1729.8	1735.2	1740.6	1751.3	1759.4	1764.8	1772.8	1778.2	1778.2
27.5°	1662.7	1670.7	1678.8	1684.2	1692.2	1705.7	1713.7	1719.1	1729.8	1735.2	1737.9
30°	1609.0	1614.3	1625.1	1633.1	1641.2	1654.6	1665.4	1673.4	1684.2	1689.5	1692.2
32.5°	1549.9	1557.9	1568.7	1576.7	1587.5	1600.9	1611.6	1619.7	1635.8	1638.5	1641.2
35°	1488.1	1496.1	1504.2	1517.6	1528.4	1541.8	1555.2	1566.0	1574.0	1584.8	1587.5
37.5°	1423.6	1431.7	1442.4	1453.2	1463.9	1480.0	1493.5	1501.5	1514.9	1523.0	1528.4
40°	1356.5	1364.5	1378.0	1391.4	1399.4	1415.6	1429.0	1439.7	1458.5	1463.9	1463.9
42.5°	1283.9	1294.7	1302.7	1318.9	1326.9	1345.7	1359.2	1375.3	1386.0	1394.1	1396.8
45°	1214.1	1222.2	1238.3	1249.0	1257.1	1275.9	1289.3	1302.7	1316.2	1321.5	1326.9
47.5°	1138.9	1149.6	1163.1	1168.4	1181.9	1200.7	1214.1	1227.5	1243.7	1249.0	1251.7
50°	1066.4	1074.4	1082.5	1093.2	1104.0	1122.8	1138.9	1152.3	1165.8	1171.1	1173.8
52.5°	991.2	999.2	1007.3	1020.7	1026.1	1044.9	1052.9	1066.4	1085.2	1090.5	1093.2
55°	913.3	924.0	934.8	942.8	948.2	964.3	975.0	991.2	1001.9	1007.3	1012.6
57.5°	835.4	843.4	854.2	864.9	867.6	883.7	897.1	905.2	918.6	924.0	929.4
60°	760.2	768.2	776.3	779.0	787.0	803.1	816.6	821.9	835.4	840.7	843.4
62.5°	679.6	682.3	693.0	701.1	701.1	722.6	730.6	741.4	752.1	754.8	760.2
65°	604.4	609.7	609.7	615.1	623.2	636.6	642.0	655.4	663.5	666.1	668.8
67.5°	529.2	534.5	539.9	545.3	545.3	558.7	561.4	572.1	580.2	582.9	585.6
70°	456.6	456.6	464.7	470.1	467.4	478.1	483.5	488.9	499.6	502.3	505.0
72.5°	386.8	384.1	389.5	394.9	400.2	402.9	408.3	411.0	419.0	424.4	427.1
75°	317.0	319.6	319.6	322.3	319.6	322.3	330.4	338.4	343.8	346.5	351.9
77.5°	247.1	249.8	249.8	252.5	255.2	255.2	257.9	268.6	274.0	276.7	274.0
80°	182.7	185.3	185.3	188.0	190.7	193.4	193.4	198.8	206.8	209.5	209.5
82.5°	128.9	128.9	128.9	128.9	131.6	131.6	134.3	139.7	145.0	145.0	150.4
85°	77.9	77.9	75.2	77.9	75.2	77.9	80.6	86.0	88.6	88.6	91.3
87.5°	34.9	32.2	34.9	34.9	32.2	32.2	32.2	34.9	34.9	37.6	37.6
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: P571993

CATALOG NUMBER: 22ID-55-L830-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1955.5	1955.5	1955.5	1955.5
2.5°	1955.5	1955.5	1955.5	1955.5
5°	1950.1	1950.1	1950.1	1950.1
7.5°	1942.0	1942.0	1942.0	1942.0
10°	1931.3	1934.0	1934.0	1934.0
12.5°	1917.9	1917.9	1920.5	1920.5
15°	1901.7	1901.7	1901.7	1904.4
17.5°	1877.6	1880.3	1880.3	1880.3
20°	1850.7	1853.4	1853.4	1850.7
22.5°	1815.8	1818.5	1821.2	1821.2
25°	1780.9	1786.2	1788.9	1788.9
27.5°	1740.6	1745.9	1748.6	1748.6
30°	1697.6	1703.0	1703.0	1703.0
32.5°	1646.6	1654.6	1657.3	1657.3
35°	1592.8	1603.6	1606.3	1606.3
37.5°	1536.4	1541.8	1549.9	1549.9
40°	1474.7	1480.0	1488.1	1488.1
42.5°	1407.5	1418.2	1418.2	1423.6
45°	1335.0	1345.7	1348.4	1353.8
47.5°	1262.5	1273.2	1275.9	1278.6
50°	1184.6	1192.6	1200.7	1200.7
52.5°	1106.7	1112.0	1117.4	1122.8
55°	1023.4	1031.5	1034.1	1039.5
57.5°	937.4	948.2	950.9	956.2
60°	854.2	862.2	867.6	870.3
62.5°	770.9	776.3	779.0	784.3
65°	679.6	687.6	687.6	693.0
67.5°	596.3	601.7	604.4	607.1
70°	507.7	518.4	521.1	526.5
72.5°	429.8	440.5	440.5	445.9
75°	359.9	362.6	362.6	368.0
77.5°	284.7	287.4	290.1	292.8
80°	214.9	217.6	217.6	222.9
82.5°	153.1	153.1	153.1	155.8
85°	94.0	91.3	88.6	91.3
87.5°	37.6	37.6	40.3	34.9
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571993
CATALOG NUMBER: 22ID-55-L830-SWR

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	17.68	19.31	18.05	19.62	19.94	16.57	18.19	16.93	18.51	18.82
	3H	19.43	20.90	19.81	21.23	21.59	18.18	19.65	18.56	19.98	20.34
	4H	20.09	21.48	20.49	21.82	22.20	18.78	20.16	19.17	20.51	20.88
	6H	20.58	21.87	20.99	22.23	22.62	19.21	20.49	19.62	20.86	21.25
	8H	20.74	21.97	21.17	22.36	22.76	19.34	20.57	19.77	20.96	21.36
	12H	20.84	22.02	21.27	22.40	22.83	19.42	20.60	19.85	20.98	21.41
4H	2H	18.17	19.55	18.56	19.90	20.27	17.27	18.65	17.66	19.00	19.37
	3H	20.14	21.30	20.55	21.70	22.10	19.09	20.25	19.50	20.65	21.05
	4H	20.94	21.99	21.37	22.40	22.84	19.80	20.85	20.23	21.26	21.70
	6H	21.57	22.49	22.02	22.93	23.38	20.34	21.26	20.80	21.70	22.15
	8H	21.78	22.64	22.24	23.08	23.55	20.51	21.37	20.97	21.81	22.28
	12H	21.93	22.70	22.41	23.17	23.64	20.63	21.40	21.11	21.88	22.34
8H	4H	21.17	22.03	21.63	22.47	22.94	20.14	21.00	20.60	21.44	21.91
	6H	21.92	22.63	22.41	23.12	23.59	20.80	21.51	21.29	22.00	22.47
	8H	22.20	22.84	22.71	23.35	23.83	21.03	21.67	21.54	22.18	22.66
	12H	22.42	22.99	22.93	23.48	24.04	21.21	21.78	21.72	22.27	22.83
12H	4H	21.19	21.96	21.67	22.44	22.91	20.19	20.96	20.67	21.43	21.90
	6H	21.95	22.59	22.46	23.10	23.58	20.86	21.50	21.37	22.01	22.49
	8H	22.29	22.85	22.79	23.34	23.91	21.15	21.72	21.66	22.21	22.77