

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: P571997

Luminaire Tested: 22ID-55-L835-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571997
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-L835-SWR
Description: 5500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3500K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5494.0 lumens
Efficiency: N/A
Efficacy: 119.7 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

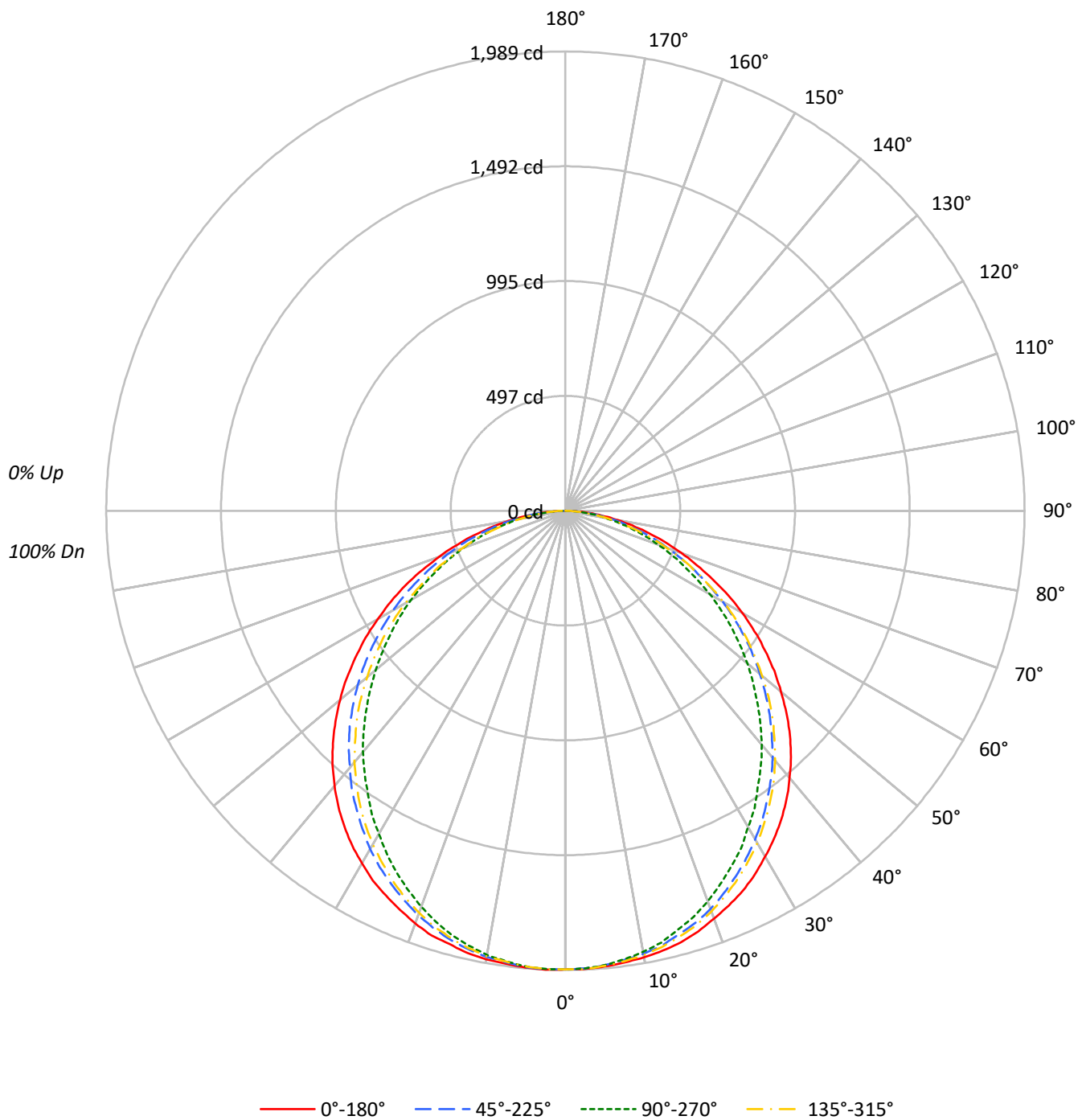
Input Watts (W): 45.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Luminous Intensity Polar Plot



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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	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	51	46
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	33	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5346	5346	5346	5346
5°	5351	5337	5366	5351
10°	5369	5302	5391	5339
15°	5390	5238	5413	5299
20°	5384	5157	5447	5228
25°	5396	5048	5461	5137
30°	5376	4918	5478	5019
35°	5361	4778	5486	4903
40°	5310	4649	5464	4793
45°	5234	4476	5421	4642
50°	5107	4307	5335	4490
55°	4954	4109	5210	4327
60°	4758	3892	5052	4156
65°	4483	3614	4865	3910
70°	4208	3349	4573	3693
75°	3886	3036	4256	3433
80°	3510	2664	3764	3087
85°	2865	2189	2949	2612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 5421 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.2	3.4
10°-20°	539.9	9.8
20°-30°	814.9	14.8
30°-40°	973.0	17.7
40°-50°	992.8	18.1
50°-60°	875.6	15.9
60°-70°	647.1	11.8
70°-80°	364.8	6.6
80°-90°	97.7	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°	1543.0	28.1
0°-40°	2516.0	45.8
0°-60°	4384.4	79.8
0°-90°	5494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5494.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1987	1987	1987	1987	1987	
5°	1981	1976	1987	1981	1981	189
15°	1935	1880	1943	1902	1935	546
25°	1817	1700	1839	1730	1817	837
35°	1632	1454	1670	1493	1632	1020
45°	1375	1176	1424	1220	1375	1059
55°	1056	876	1111	922	1056	944
65°	704	568	764	614	704	699
75°	374	292	409	330	374	397
85°	93	71	96	85	93	109
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1986.6	1986.6	1986.6	1983.8	1981.1	1981.1	1983.8	1983.8	1981.1	1983.8
5°	1981.1	1981.1	1981.1	1978.4	1975.6	1975.6	1975.6	1975.6	1972.9	1975.6	1975.6
7.5°	1972.9	1972.9	1972.9	1970.2	1967.5	1967.5	1967.5	1964.7	1962.0	1964.7	1962.0
10°	1964.7	1962.0	1962.0	1962.0	1956.5	1953.8	1953.8	1953.8	1951.1	1951.1	1948.4
12.5°	1951.1	1948.4	1948.4	1945.6	1942.9	1940.2	1937.4	1934.7	1932.0	1929.3	1929.3
15°	1934.7	1934.7	1929.3	1926.5	1921.1	1918.3	1915.6	1912.9	1907.4	1904.7	1899.2
17.5°	1910.2	1910.2	1904.7	1902.0	1896.5	1891.1	1891.1	1885.6	1880.1	1874.7	1871.9
20°	1880.1	1882.9	1880.1	1874.7	1866.5	1863.8	1861.0	1855.6	1847.4	1841.9	1836.5
22.5°	1850.1	1852.8	1847.4	1839.2	1833.7	1831.0	1825.6	1817.4	1809.2	1801.0	1792.8
25°	1817.4	1814.6	1809.2	1803.7	1795.5	1792.8	1787.4	1779.2	1765.5	1757.3	1746.4
27.5°	1776.4	1776.4	1768.3	1762.8	1749.2	1749.2	1741.0	1730.1	1719.1	1705.5	1697.3
30°	1730.1	1730.1	1724.6	1716.4	1702.8	1700.0	1691.8	1683.7	1667.3	1653.6	1642.7
32.5°	1683.7	1680.9	1675.5	1667.3	1653.6	1648.2	1640.0	1629.1	1615.4	1596.3	1588.2
35°	1631.8	1629.1	1620.9	1610.0	1599.1	1593.6	1585.4	1571.8	1558.1	1539.0	1525.4
37.5°	1574.5	1571.8	1563.6	1552.7	1539.0	1533.6	1525.4	1511.7	1492.6	1479.0	1462.6
40°	1511.7	1509.0	1503.6	1492.6	1479.0	1473.5	1462.6	1449.0	1427.2	1410.8	1397.1
42.5°	1446.3	1443.5	1435.3	1421.7	1410.8	1405.3	1394.4	1380.8	1361.7	1342.6	1323.5
45°	1375.3	1372.6	1364.4	1348.0	1339.8	1331.6	1320.7	1307.1	1290.7	1274.3	1252.5
47.5°	1298.9	1296.2	1290.7	1277.1	1260.7	1258.0	1247.1	1233.4	1214.3	1192.5	1176.1
50°	1219.8	1219.8	1211.6	1200.7	1189.8	1181.6	1170.7	1157.0	1132.4	1118.8	1099.7
52.5°	1140.6	1137.9	1132.4	1118.8	1110.6	1102.4	1088.8	1080.6	1056.0	1045.1	1023.3
55°	1056.0	1053.3	1042.4	1034.2	1028.8	1020.6	1009.7	993.3	979.6	963.3	944.2
57.5°	971.4	968.7	960.5	955.1	944.2	936.0	925.1	914.1	895.0	884.1	865.0
60°	884.1	884.1	878.7	870.5	859.6	851.4	843.2	832.3	815.9	799.5	785.9
62.5°	796.8	796.8	788.6	780.4	775.0	766.8	761.3	747.7	734.0	723.1	701.3
65°	704.0	704.0	693.1	690.4	684.9	679.5	671.3	657.6	649.5	630.4	622.2
67.5°	616.7	619.4	611.2	611.2	603.1	597.6	589.4	578.5	570.3	553.9	545.8
70°	534.8	537.6	532.1	529.4	521.2	515.7	510.3	502.1	491.2	485.7	472.1
72.5°	453.0	455.7	450.3	450.3	442.1	439.3	433.9	428.4	417.5	412.0	398.4
75°	373.8	371.1	371.1	373.8	365.7	362.9	360.2	349.3	343.8	338.4	327.5
77.5°	297.4	297.4	300.2	297.4	292.0	289.3	283.8	275.6	272.9	270.2	259.2
80°	226.5	229.2	229.2	226.5	221.0	218.3	215.6	207.4	204.7	204.7	196.5
82.5°	158.3	158.3	155.5	158.3	152.8	150.1	152.8	144.6	141.9	141.9	136.4
85°	92.8	90.1	90.1	92.8	90.1	90.1	90.1	84.6	84.6	84.6	79.1
87.5°	35.5	35.5	38.2	38.2	35.5	35.5	35.5	35.5	32.7	32.7	30.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1981.1	1981.1	1981.1	1981.1	1983.8	1981.1	1983.8	1983.8	1986.6	1983.8	1986.6
5°	1975.6	1975.6	1972.9	1972.9	1972.9	1972.9	1972.9	1972.9	1972.9	1975.6	1975.6
7.5°	1962.0	1962.0	1959.3	1959.3	1959.3	1959.3	1956.5	1956.5	1959.3	1959.3	1959.3
10°	1945.6	1942.9	1940.2	1940.2	1940.2	1940.2	1937.4	1940.2	1940.2	1940.2	1940.2
12.5°	1921.1	1921.1	1918.3	1915.6	1915.6	1915.6	1912.9	1915.6	1915.6	1915.6	1915.6
15°	1896.5	1893.8	1891.1	1885.6	1885.6	1882.9	1880.1	1882.9	1880.1	1880.1	1882.9
17.5°	1861.0	1861.0	1855.6	1852.8	1850.1	1847.4	1844.7	1844.7	1844.7	1844.7	1850.1
20°	1825.6	1822.8	1817.4	1806.5	1809.2	1806.5	1801.0	1803.7	1803.7	1801.0	1801.0
22.5°	1787.4	1776.4	1771.0	1760.1	1762.8	1757.3	1754.6	1757.3	1754.6	1751.9	1757.3
25°	1735.5	1730.1	1716.4	1716.4	1711.0	1708.2	1708.2	1705.5	1702.8	1700.0	1705.5
27.5°	1689.1	1678.2	1670.0	1659.1	1653.6	1653.6	1650.9	1648.2	1642.7	1648.2	1648.2
30°	1631.8	1620.9	1607.3	1601.8	1596.3	1596.3	1590.9	1588.2	1582.7	1582.7	1590.9
32.5°	1577.2	1560.9	1547.2	1539.0	1536.3	1533.6	1530.9	1519.9	1522.7	1525.4	1528.1
35°	1511.7	1498.1	1487.2	1479.0	1470.8	1468.1	1465.4	1457.2	1457.2	1454.4	1462.6
37.5°	1449.0	1432.6	1424.4	1410.8	1405.3	1399.9	1397.1	1391.7	1389.0	1391.7	1394.4
40°	1380.8	1367.1	1353.5	1339.8	1334.4	1331.6	1323.5	1323.5	1318.0	1323.5	1323.5
42.5°	1309.8	1296.2	1279.8	1268.9	1263.4	1258.0	1252.5	1249.8	1249.8	1249.8	1252.5
45°	1238.9	1222.5	1206.1	1195.2	1189.8	1187.0	1178.8	1176.1	1170.7	1176.1	1178.8
47.5°	1162.5	1148.8	1132.4	1124.3	1116.1	1113.3	1105.2	1099.7	1097.0	1102.4	1102.4
50°	1086.1	1072.4	1058.8	1047.9	1039.7	1036.9	1028.8	1028.8	1023.3	1028.8	1028.8
52.5°	1009.7	996.0	982.4	968.7	963.3	960.5	952.3	952.3	952.3	952.3	952.3
55°	933.2	914.1	906.0	892.3	886.9	884.1	881.4	873.2	875.9	875.9	875.9
57.5°	854.1	840.5	824.1	818.6	810.5	807.7	807.7	796.8	794.1	799.5	799.5
60°	775.0	764.1	747.7	739.5	734.0	734.0	725.9	714.9	712.2	723.1	723.1
62.5°	693.1	676.7	668.6	660.4	654.9	652.2	649.5	641.3	644.0	641.3	641.3
65°	616.7	600.3	594.9	586.7	581.2	578.5	575.8	570.3	564.9	567.6	567.6
67.5°	540.3	526.7	518.5	513.0	507.6	507.6	502.1	496.6	499.4	496.6	496.6
70°	466.6	455.7	444.8	442.1	436.6	436.6	433.9	431.1	428.4	425.7	425.7
72.5°	395.7	384.8	376.6	371.1	368.4	368.4	365.7	357.5	360.2	357.5	357.5
75°	322.0	313.8	311.1	305.6	302.9	302.9	300.2	294.7	297.4	292.0	286.5
77.5°	256.5	248.3	245.6	242.9	245.6	242.9	234.7	237.4	234.7	229.2	229.2
80°	196.5	188.3	188.3	182.8	180.1	180.1	177.4	177.4	174.6	171.9	171.9
82.5°	133.7	131.0	128.3	125.5	122.8	128.3	122.8	120.1	120.1	120.1	117.3
85°	76.4	76.4	73.7	73.7	70.9	73.7	70.9	68.2	70.9	70.9	65.5
87.5°	30.0	32.7	27.3	27.3	27.3	27.3	24.6	27.3	27.3	27.3	24.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1983.8	1983.8	1983.8	1983.8	1981.1	1983.8	1983.8	1986.6	1983.8	1983.8
5°	1975.6	1972.9	1975.6	1972.9	1972.9	1975.6	1975.6	1978.4	1978.4	1981.1	1981.1
7.5°	1959.3	1959.3	1959.3	1959.3	1959.3	1962.0	1962.0	1964.7	1967.5	1967.5	1970.2
10°	1940.2	1940.2	1942.9	1940.2	1942.9	1945.6	1948.4	1951.1	1953.8	1956.5	1956.5
12.5°	1915.6	1915.6	1915.6	1921.1	1921.1	1923.8	1926.5	1932.0	1934.7	1940.2	1940.2
15°	1882.9	1882.9	1888.3	1888.3	1891.1	1896.5	1902.0	1904.7	1910.2	1915.6	1918.3
17.5°	1847.4	1847.4	1852.8	1852.8	1855.6	1863.8	1869.2	1871.9	1882.9	1888.3	1893.8
20°	1806.5	1806.5	1814.6	1811.9	1817.4	1825.6	1831.0	1839.2	1847.4	1855.6	1861.0
22.5°	1757.3	1760.1	1768.3	1768.3	1771.0	1781.9	1790.1	1798.3	1806.5	1817.4	1825.6
25°	1705.5	1708.2	1716.4	1719.1	1721.9	1732.8	1743.7	1749.2	1762.8	1776.4	1781.9
27.5°	1648.2	1653.6	1659.1	1661.8	1667.3	1680.9	1691.8	1702.8	1713.7	1727.3	1738.2
30°	1590.9	1596.3	1601.8	1604.5	1610.0	1623.6	1634.5	1648.2	1661.8	1675.5	1686.4
32.5°	1525.4	1533.6	1539.0	1544.5	1547.2	1563.6	1577.2	1590.9	1604.5	1620.9	1634.5
35°	1462.6	1470.8	1476.3	1479.0	1484.5	1500.8	1511.7	1525.4	1544.5	1560.9	1574.5
37.5°	1394.4	1399.9	1410.8	1410.8	1416.2	1435.3	1449.0	1462.6	1481.7	1498.1	1514.5
40°	1326.2	1328.9	1339.8	1342.6	1348.0	1367.1	1380.8	1399.9	1413.5	1432.6	1449.0
42.5°	1252.5	1260.7	1271.6	1277.1	1282.5	1293.4	1304.4	1326.2	1339.8	1361.7	1378.0
45°	1178.8	1187.0	1192.5	1195.2	1208.9	1219.8	1230.7	1252.5	1268.9	1288.0	1307.1
47.5°	1105.2	1110.6	1118.8	1129.7	1135.2	1146.1	1154.3	1176.1	1192.5	1214.3	1230.7
50°	1028.8	1036.9	1042.4	1045.1	1056.0	1069.7	1080.6	1099.7	1113.3	1135.2	1154.3
52.5°	952.3	963.3	963.3	974.2	979.6	985.1	1001.5	1020.6	1034.2	1053.3	1072.4
55°	878.7	884.1	892.3	895.0	903.2	908.7	919.6	938.7	955.1	974.2	993.3
57.5°	796.8	802.3	807.7	818.6	824.1	835.0	845.9	859.6	873.2	892.3	906.0
60°	717.7	725.9	731.3	739.5	739.5	753.1	766.8	780.4	791.3	810.5	824.1
62.5°	646.7	646.7	646.7	657.6	654.9	665.8	676.7	693.1	704.0	728.6	745.0
65°	570.3	573.0	573.0	581.2	578.5	589.4	597.6	614.0	624.9	638.5	654.9
67.5°	496.6	496.6	499.4	507.6	504.8	513.0	526.7	534.8	543.0	559.4	573.0
70°	420.2	423.0	425.7	433.9	431.1	442.1	450.3	455.7	466.6	477.5	488.5
72.5°	354.7	354.7	362.9	362.9	360.2	368.4	376.6	382.0	387.5	401.1	414.8
75°	292.0	289.3	294.7	294.7	292.0	294.7	300.2	308.4	313.8	324.7	335.6
77.5°	229.2	226.5	231.9	231.9	231.9	229.2	237.4	240.1	242.9	248.3	259.2
80°	169.2	166.5	171.9	171.9	166.5	169.2	174.6	177.4	177.4	182.8	191.0
82.5°	117.3	114.6	117.3	117.3	117.3	117.3	120.1	117.3	120.1	120.1	128.3
85°	70.9	68.2	70.9	68.2	68.2	65.5	70.9	68.2	68.2	70.9	70.9
87.5°	24.6	24.6	27.3	27.3	24.6	27.3	24.6	24.6	24.6	27.3	24.6
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: P571997

CATALOG NUMBER: 22ID-55-L835-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1989.3	1989.3	1986.6	1989.3	1986.6
5°	1981.1	1981.1	1983.8	1983.8	1983.8	1983.8	1983.8	1986.6	1986.6	1986.6	1983.8
7.5°	1972.9	1972.9	1972.9	1972.9	1975.6	1978.4	1978.4	1978.4	1981.1	1978.4	1978.4
10°	1959.3	1964.7	1964.7	1967.5	1967.5	1970.2	1972.9	1972.9	1972.9	1972.9	1972.9
12.5°	1945.6	1948.4	1951.1	1953.8	1956.5	1956.5	1962.0	1962.0	1962.0	1962.0	1959.3
15°	1923.8	1929.3	1932.0	1934.7	1940.2	1940.2	1945.6	1942.9	1948.4	1945.6	1942.9
17.5°	1899.2	1904.7	1910.2	1910.2	1918.3	1921.1	1926.5	1929.3	1929.3	1926.5	1921.1
20°	1869.2	1877.4	1880.1	1885.6	1891.1	1896.5	1899.2	1902.0	1904.7	1902.0	1899.2
22.5°	1833.7	1844.7	1847.4	1852.8	1861.0	1866.5	1869.2	1871.9	1874.7	1874.7	1869.2
25°	1795.5	1809.2	1809.2	1817.4	1825.6	1833.7	1839.2	1839.2	1844.7	1839.2	1839.2
27.5°	1749.2	1765.5	1773.7	1776.4	1787.4	1795.5	1801.0	1806.5	1806.5	1801.0	1801.0
30°	1702.8	1719.1	1727.3	1730.1	1743.7	1751.9	1757.3	1762.8	1762.8	1762.8	1757.3
32.5°	1650.9	1670.0	1678.2	1680.9	1697.3	1705.5	1713.7	1719.1	1719.1	1716.4	1708.2
35°	1596.3	1610.0	1623.6	1629.1	1642.7	1650.9	1664.6	1670.0	1667.3	1667.3	1659.1
37.5°	1533.6	1555.4	1563.6	1569.1	1585.4	1596.3	1610.0	1615.4	1615.4	1612.7	1607.3
40°	1468.1	1492.6	1500.8	1509.0	1525.4	1539.0	1547.2	1555.4	1555.4	1555.4	1550.0
42.5°	1402.6	1421.7	1432.6	1440.8	1459.9	1468.1	1481.7	1492.6	1492.6	1489.9	1481.7
45°	1328.9	1350.8	1361.7	1369.9	1389.0	1405.3	1413.5	1424.4	1421.7	1421.7	1410.8
47.5°	1255.2	1277.1	1288.0	1296.2	1315.3	1334.4	1339.8	1350.8	1350.8	1350.8	1339.8
50°	1178.8	1200.7	1208.9	1217.0	1238.9	1249.8	1263.4	1274.3	1274.3	1277.1	1266.2
52.5°	1099.7	1116.1	1129.7	1135.2	1157.0	1170.7	1181.6	1195.2	1195.2	1189.8	1189.8
55°	1015.1	1034.2	1047.9	1053.3	1069.7	1091.5	1099.7	1110.6	1110.6	1110.6	1105.2
57.5°	930.5	952.3	963.3	968.7	987.8	1004.2	1015.1	1026.0	1028.8	1028.8	1017.8
60°	843.2	865.0	875.9	881.4	903.2	916.9	927.8	938.7	941.4	944.2	933.2
62.5°	761.3	780.4	791.3	796.8	813.2	824.1	837.7	851.4	854.1	854.1	848.7
65°	671.3	690.4	698.6	704.0	717.7	736.8	753.1	764.1	766.8	764.1	764.1
67.5°	586.7	603.1	614.0	616.7	630.4	649.5	657.6	668.6	671.3	671.3	668.6
70°	502.1	521.2	529.4	534.8	545.8	562.1	570.3	581.2	584.0	586.7	581.2
72.5°	423.0	436.6	444.8	450.3	463.9	477.5	483.0	493.9	499.4	499.4	493.9
75°	343.8	357.5	362.9	368.4	379.3	392.9	398.4	409.3	414.8	412.0	412.0
77.5°	267.4	278.3	283.8	286.5	294.7	311.1	313.8	324.7	324.7	327.5	327.5
80°	196.5	204.7	210.1	212.8	218.3	229.2	234.7	242.9	248.3	245.6	245.6
82.5°	131.0	136.4	141.9	147.4	147.4	158.3	158.3	166.5	166.5	171.9	169.2
85°	73.7	76.4	79.1	81.9	81.9	90.1	90.1	95.5	101.0	95.5	95.5
87.5°	24.6	27.3	27.3	30.0	27.3	32.7	30.0	35.5	38.2	38.2	35.5
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: P571997

CATALOG NUMBER: 22ID-55-L835-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
5°	1983.8	1983.8	1981.1	1983.8	1983.8	1983.8	1983.8	1981.1	1981.1	1981.1	1981.1
7.5°	1978.4	1975.6	1975.6	1975.6	1972.9	1972.9	1972.9	1972.9	1970.2	1970.2	1970.2
10°	1970.2	1967.5	1967.5	1967.5	1964.7	1964.7	1962.0	1959.3	1959.3	1956.5	1953.8
12.5°	1959.3	1956.5	1953.8	1953.8	1951.1	1948.4	1945.6	1942.9	1940.2	1934.7	1934.7
15°	1940.2	1940.2	1937.4	1934.7	1929.3	1929.3	1923.8	1921.1	1915.6	1910.2	1910.2
17.5°	1921.1	1918.3	1915.6	1910.2	1904.7	1902.0	1896.5	1891.1	1885.6	1880.1	1877.4
20°	1896.5	1888.3	1891.1	1882.9	1877.4	1871.9	1863.8	1858.3	1850.1	1844.7	1839.2
22.5°	1863.8	1861.0	1858.3	1850.1	1841.9	1839.2	1825.6	1817.4	1809.2	1801.0	1795.5
25°	1828.3	1825.6	1822.8	1814.6	1803.7	1798.3	1784.6	1776.4	1762.8	1757.3	1751.9
27.5°	1787.4	1787.4	1781.9	1771.0	1762.8	1749.2	1741.0	1724.6	1713.7	1705.5	1700.0
30°	1743.7	1743.7	1738.2	1724.6	1713.7	1700.0	1691.8	1675.5	1661.8	1653.6	1642.7
32.5°	1700.0	1697.3	1691.8	1678.2	1664.6	1650.9	1634.5	1620.9	1604.5	1596.3	1585.4
35°	1648.2	1645.5	1640.0	1623.6	1612.7	1596.3	1577.2	1560.9	1544.5	1536.3	1519.9
37.5°	1593.6	1588.2	1582.7	1563.6	1550.0	1533.6	1519.9	1498.1	1481.7	1470.8	1462.6
40°	1533.6	1530.9	1522.7	1506.3	1487.2	1470.8	1451.7	1435.3	1419.0	1405.3	1394.4
42.5°	1473.5	1462.6	1457.2	1440.8	1427.2	1402.6	1389.0	1367.1	1350.8	1339.8	1323.5
45°	1405.3	1397.1	1389.0	1372.6	1353.5	1334.4	1320.7	1296.2	1279.8	1266.2	1252.5
47.5°	1328.9	1326.2	1318.0	1298.9	1282.5	1263.4	1247.1	1222.5	1206.1	1195.2	1181.6
50°	1252.5	1249.8	1244.3	1225.2	1203.4	1187.0	1173.4	1148.8	1132.4	1116.1	1107.9
52.5°	1181.6	1170.7	1165.2	1148.8	1127.0	1107.9	1097.0	1072.4	1056.0	1039.7	1028.8
55°	1099.7	1091.5	1086.1	1072.4	1053.3	1028.8	1017.8	996.0	982.4	971.4	955.1
57.5°	1017.8	1006.9	1001.5	985.1	971.4	952.3	938.7	916.9	903.2	892.3	881.4
60°	925.1	925.1	919.6	903.2	889.6	870.5	859.6	837.7	824.1	815.9	802.3
62.5°	848.7	837.7	835.0	815.9	807.7	788.6	780.4	761.3	753.1	739.5	725.9
65°	753.1	753.1	750.4	739.5	728.6	704.0	693.1	676.7	668.6	657.6	646.7
67.5°	668.6	660.4	660.4	649.5	635.8	622.2	614.0	597.6	592.1	578.5	570.3
70°	584.0	575.8	575.8	562.1	553.9	540.3	534.8	521.2	510.3	504.8	496.6
72.5°	499.4	493.9	491.2	480.3	474.8	461.2	458.4	444.8	433.9	431.1	423.0
75°	414.8	409.3	401.1	403.9	392.9	382.0	379.3	371.1	365.7	357.5	349.3
77.5°	330.2	324.7	324.7	319.3	313.8	305.6	302.9	297.4	289.3	283.8	278.3
80°	251.0	245.6	245.6	242.9	234.7	229.2	229.2	221.0	221.0	215.6	212.8
82.5°	171.9	169.2	166.5	169.2	163.7	158.3	161.0	158.3	155.5	150.1	147.4
85°	101.0	98.2	95.5	101.0	95.5	98.2	95.5	92.8	92.8	90.1	87.3
87.5°	38.2	38.2	35.5	38.2	38.2	40.9	38.2	38.2	38.2	38.2	38.2
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: P571997

CATALOG NUMBER: 22ID-55-L835-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
5°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1978.4	1981.1
7.5°	1970.2	1967.5	1970.2	1967.5	1967.5	1967.5	1967.5	1967.5	1967.5	1967.5	1967.5
10°	1953.8	1953.8	1953.8	1953.8	1953.8	1953.8	1953.8	1953.8	1953.8	1951.1	1951.1
12.5°	1934.7	1934.7	1932.0	1932.0	1932.0	1929.3	1929.3	1932.0	1932.0	1929.3	1932.0
15°	1907.4	1910.2	1904.7	1902.0	1902.0	1902.0	1902.0	1902.0	1902.0	1902.0	1904.7
17.5°	1877.4	1874.7	1871.9	1871.9	1869.2	1866.5	1866.5	1869.2	1869.2	1871.9	1871.9
20°	1839.2	1839.2	1833.7	1831.0	1828.3	1825.6	1825.6	1828.3	1828.3	1828.3	1833.7
22.5°	1795.5	1792.8	1787.4	1784.6	1784.6	1779.2	1781.9	1784.6	1784.6	1784.6	1787.4
25°	1746.4	1743.7	1741.0	1738.2	1732.8	1730.1	1730.1	1735.5	1735.5	1741.0	1743.7
27.5°	1694.6	1691.8	1686.4	1680.9	1678.2	1675.5	1675.5	1680.9	1680.9	1686.4	1689.1
30°	1640.0	1637.3	1629.1	1626.4	1618.2	1615.4	1618.2	1623.6	1626.4	1629.1	1631.8
32.5°	1582.7	1577.2	1569.1	1566.3	1558.1	1560.9	1555.4	1563.6	1566.3	1569.1	1571.8
35°	1519.9	1514.5	1506.3	1498.1	1495.4	1492.6	1492.6	1498.1	1498.1	1506.3	1509.0
37.5°	1451.7	1449.0	1440.8	1435.3	1429.9	1429.9	1424.4	1432.6	1435.3	1440.8	1440.8
40°	1389.0	1386.2	1372.6	1367.1	1361.7	1364.4	1356.2	1364.4	1367.1	1372.6	1375.3
42.5°	1315.3	1312.5	1301.6	1296.2	1290.7	1293.4	1285.3	1293.4	1290.7	1298.9	1301.6
45°	1244.3	1241.6	1233.4	1222.5	1217.0	1219.8	1219.8	1219.8	1217.0	1225.2	1228.0
47.5°	1173.4	1167.9	1159.7	1148.8	1143.4	1146.1	1146.1	1146.1	1143.4	1154.3	1154.3
50°	1099.7	1094.2	1086.1	1075.1	1072.4	1072.4	1072.4	1072.4	1072.4	1077.9	1080.6
52.5°	1023.3	1020.6	1012.4	1001.5	996.0	996.0	996.0	990.6	996.0	998.7	1001.5
55°	946.9	944.2	930.5	925.1	919.6	922.3	919.6	916.9	916.9	922.3	925.1
57.5°	870.5	867.8	859.6	856.8	843.2	845.9	843.2	843.2	845.9	845.9	848.7
60°	794.1	791.3	783.2	780.4	769.5	772.2	761.3	766.8	769.5	769.5	769.5
62.5°	712.2	712.2	698.6	693.1	687.7	690.4	682.2	682.2	682.2	687.7	687.7
65°	638.5	635.8	624.9	619.4	614.0	614.0	608.5	608.5	605.8	611.2	611.2
67.5°	562.1	562.1	551.2	545.8	540.3	543.0	534.8	534.8	537.6	537.6	537.6
70°	488.5	488.5	480.3	477.5	469.4	469.4	461.2	463.9	463.9	463.9	463.9
72.5°	417.5	417.5	409.3	406.6	398.4	398.4	390.2	392.9	392.9	390.2	390.2
75°	346.6	349.3	335.6	332.9	327.5	330.2	324.7	322.0	324.7	319.3	319.3
77.5°	275.6	275.6	272.9	270.2	262.0	262.0	259.2	253.8	256.5	251.0	251.0
80°	207.4	210.1	201.9	204.7	196.5	199.2	196.5	191.0	191.0	188.3	185.6
82.5°	144.6	144.6	141.9	144.6	141.9	139.2	136.4	133.7	133.7	128.3	128.3
85°	87.3	90.1	84.6	87.3	87.3	84.6	79.1	79.1	79.1	76.4	76.4
87.5°	35.5	40.9	38.2	38.2	38.2	38.2	35.5	38.2	35.5	32.7	32.7
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: P571997

CATALOG NUMBER: 22ID-55-L835-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6	1986.6
2.5°	1983.8	1986.6	1986.6	1986.6	1986.6	1983.8	1983.8	1983.8	1983.8	1983.8	1986.6
5°	1978.4	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
7.5°	1967.5	1967.5	1970.2	1970.2	1970.2	1970.2	1972.9	1970.2	1972.9	1970.2	1972.9
10°	1951.1	1953.8	1956.5	1956.5	1959.3	1956.5	1959.3	1959.3	1962.0	1962.0	1962.0
12.5°	1932.0	1934.7	1934.7	1940.2	1940.2	1940.2	1942.9	1942.9	1945.6	1948.4	1948.4
15°	1904.7	1907.4	1910.2	1910.2	1915.6	1921.1	1921.1	1923.8	1926.5	1929.3	1929.3
17.5°	1871.9	1874.7	1877.4	1882.9	1888.3	1893.8	1896.5	1896.5	1902.0	1904.7	1904.7
20°	1833.7	1839.2	1844.7	1850.1	1852.8	1861.0	1863.8	1866.5	1871.9	1877.4	1877.4
22.5°	1792.8	1795.5	1803.7	1809.2	1814.6	1822.8	1825.6	1833.7	1839.2	1841.9	1844.7
25°	1743.7	1749.2	1757.3	1762.8	1768.3	1779.2	1787.4	1792.8	1801.0	1806.5	1806.5
27.5°	1689.1	1697.3	1705.5	1711.0	1719.1	1732.8	1741.0	1746.4	1757.3	1762.8	1765.5
30°	1634.5	1640.0	1650.9	1659.1	1667.3	1680.9	1691.8	1700.0	1711.0	1716.4	1719.1
32.5°	1574.5	1582.7	1593.6	1601.8	1612.7	1626.4	1637.3	1645.5	1661.8	1664.6	1667.3
35°	1511.7	1519.9	1528.1	1541.8	1552.7	1566.3	1580.0	1590.9	1599.1	1610.0	1612.7
37.5°	1446.3	1454.4	1465.4	1476.3	1487.2	1503.6	1517.2	1525.4	1539.0	1547.2	1552.7
40°	1378.0	1386.2	1399.9	1413.5	1421.7	1438.1	1451.7	1462.6	1481.7	1487.2	1487.2
42.5°	1304.4	1315.3	1323.5	1339.8	1348.0	1367.1	1380.8	1397.1	1408.1	1416.2	1419.0
45°	1233.4	1241.6	1258.0	1268.9	1277.1	1296.2	1309.8	1323.5	1337.1	1342.6	1348.0
47.5°	1157.0	1167.9	1181.6	1187.0	1200.7	1219.8	1233.4	1247.1	1263.4	1268.9	1271.6
50°	1083.3	1091.5	1099.7	1110.6	1121.5	1140.6	1157.0	1170.7	1184.3	1189.8	1192.5
52.5°	1006.9	1015.1	1023.3	1036.9	1042.4	1061.5	1069.7	1083.3	1102.4	1107.9	1110.6
55°	927.8	938.7	949.6	957.8	963.3	979.6	990.6	1006.9	1017.8	1023.3	1028.8
57.5°	848.7	856.8	867.8	878.7	881.4	897.8	911.4	919.6	933.2	938.7	944.2
60°	772.2	780.4	788.6	791.3	799.5	815.9	829.6	835.0	848.7	854.1	856.8
62.5°	690.4	693.1	704.0	712.2	712.2	734.0	742.2	753.1	764.1	766.8	772.2
65°	614.0	619.4	619.4	624.9	633.1	646.7	652.2	665.8	674.0	676.7	679.5
67.5°	537.6	543.0	548.5	553.9	553.9	567.6	570.3	581.2	589.4	592.1	594.9
70°	463.9	463.9	472.1	477.5	474.8	485.7	491.2	496.6	507.6	510.3	513.0
72.5°	392.9	390.2	395.7	401.1	406.6	409.3	414.8	417.5	425.7	431.1	433.9
75°	322.0	324.7	324.7	327.5	324.7	327.5	335.6	343.8	349.3	352.0	357.5
77.5°	251.0	253.8	253.8	256.5	259.2	259.2	262.0	272.9	278.3	281.1	278.3
80°	185.6	188.3	188.3	191.0	193.7	196.5	196.5	201.9	210.1	212.8	212.8
82.5°	131.0	131.0	131.0	131.0	133.7	133.7	136.4	141.9	147.4	147.4	152.8
85°	79.1	79.1	76.4	79.1	76.4	79.1	81.9	87.3	90.1	90.1	92.8
87.5°	35.5	32.7	35.5	35.5	32.7	32.7	32.7	35.5	35.5	38.2	38.2
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: P571997

CATALOG NUMBER: 22ID-55-L835-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1986.6	1986.6	1986.6	1986.6
2.5°	1986.6	1986.6	1986.6	1986.6
5°	1981.1	1981.1	1981.1	1981.1
7.5°	1972.9	1972.9	1972.9	1972.9
10°	1962.0	1964.7	1964.7	1964.7
12.5°	1948.4	1948.4	1951.1	1951.1
15°	1932.0	1932.0	1932.0	1934.7
17.5°	1907.4	1910.2	1910.2	1910.2
20°	1880.1	1882.9	1882.9	1880.1
22.5°	1844.7	1847.4	1850.1	1850.1
25°	1809.2	1814.6	1817.4	1817.4
27.5°	1768.3	1773.7	1776.4	1776.4
30°	1724.6	1730.1	1730.1	1730.1
32.5°	1672.7	1680.9	1683.7	1683.7
35°	1618.2	1629.1	1631.8	1631.8
37.5°	1560.9	1566.3	1574.5	1574.5
40°	1498.1	1503.6	1511.7	1511.7
42.5°	1429.9	1440.8	1440.8	1446.3
45°	1356.2	1367.1	1369.9	1375.3
47.5°	1282.5	1293.4	1296.2	1298.9
50°	1203.4	1211.6	1219.8	1219.8
52.5°	1124.3	1129.7	1135.2	1140.6
55°	1039.7	1047.9	1050.6	1056.0
57.5°	952.3	963.3	966.0	971.4
60°	867.8	875.9	881.4	884.1
62.5°	783.2	788.6	791.3	796.8
65°	690.4	698.6	698.6	704.0
67.5°	605.8	611.2	614.0	616.7
70°	515.7	526.7	529.4	534.8
72.5°	436.6	447.5	447.5	453.0
75°	365.7	368.4	368.4	373.8
77.5°	289.3	292.0	294.7	297.4
80°	218.3	221.0	221.0	226.5
82.5°	155.5	155.5	155.5	158.3
85°	95.5	92.8	90.1	92.8
87.5°	38.2	38.2	40.9	35.5
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571997

CATALOG NUMBER: 22ID-55-L835-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	17.74	19.36	18.10	19.68	19.99	16.62	18.25	16.99	18.56	18.88
	3H	19.49	20.96	19.87	21.29	21.65	18.24	19.71	18.62	20.04	20.40
	4H	20.15	21.53	20.55	21.88	22.26	18.83	20.22	19.23	20.56	20.94
	6H	20.64	21.92	21.05	22.29	22.68	19.26	20.55	19.68	20.91	21.30
	8H	20.80	22.02	21.22	22.41	22.81	19.40	20.62	19.82	21.01	21.41
	12H	20.90	22.07	21.33	22.45	22.88	19.48	20.65	19.91	21.03	21.46
4H	2H	18.22	19.61	18.62	19.95	20.33	17.32	18.70	17.72	19.05	19.43
	3H	20.20	21.36	20.61	21.76	22.16	19.15	20.31	19.55	20.70	21.10
	4H	20.99	22.04	21.42	22.46	22.89	19.85	20.90	20.28	21.31	21.75
	6H	21.62	22.54	22.08	22.98	23.44	20.40	21.31	20.85	21.75	22.21
	8H	21.84	22.69	22.30	23.14	23.60	20.57	21.42	21.03	21.87	22.33
	12H	21.98	22.75	22.46	23.23	23.70	20.68	21.45	21.16	21.93	22.40
8H	4H	21.23	22.09	21.69	22.53	22.99	20.20	21.06	20.66	21.50	21.96
	6H	21.97	22.68	22.46	23.17	23.65	20.85	21.56	21.34	22.05	22.53
	8H	22.26	22.90	22.77	23.40	23.89	21.09	21.73	21.60	22.23	22.72
	12H	22.48	23.05	22.99	23.54	24.10	21.26	21.83	21.77	22.32	22.88
12H	4H	21.25	22.02	21.73	22.49	22.96	20.24	21.01	20.72	21.49	21.96
	6H	22.00	22.65	22.51	23.15	23.64	20.92	21.56	21.43	22.06	22.55
	8H	22.34	22.91	22.85	23.40	23.96	21.21	21.77	21.71	22.26	22.82

END OF REPORT