

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: P572001

Luminaire Tested: 22ID-55-L840-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P572001
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-L840-SWR
Description: 5500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 4000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5665.0 lumens
Efficiency: N/A
Efficacy: 123.4 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

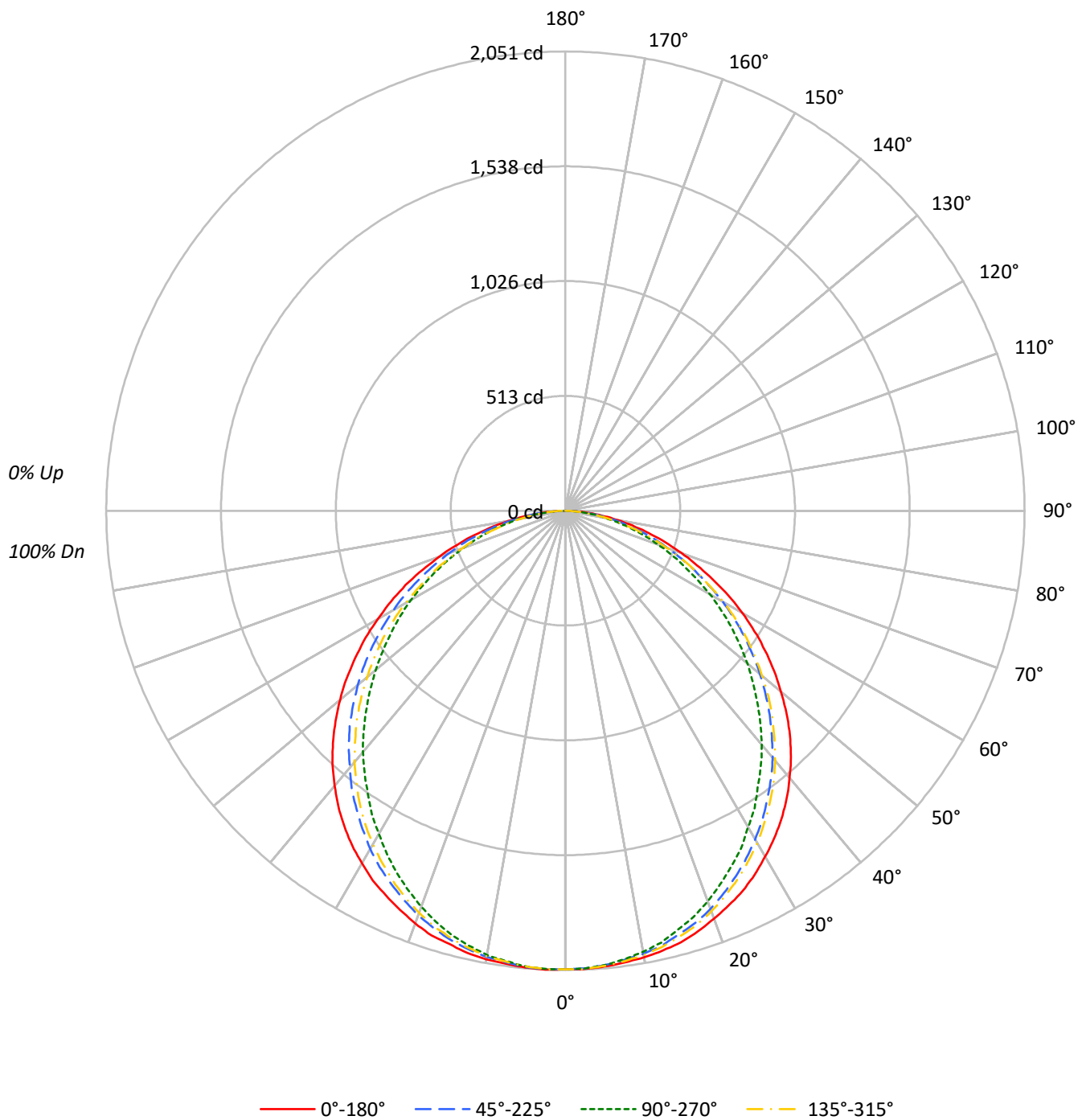
Input Watts (W): 45.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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				0
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°	5512	5512	5512	5512
5°	5518	5503	5533	5518
10°	5536	5467	5559	5505
15°	5558	5401	5581	5464
20°	5552	5318	5616	5391
25°	5564	5205	5631	5297
30°	5543	5071	5648	5176
35°	5527	4927	5657	5056
40°	5476	4794	5634	4942
45°	5397	4615	5590	4786
50°	5265	4441	5501	4629
55°	5109	4237	5373	4462
60°	4906	4013	5209	4286
65°	4622	3727	5016	4031
70°	4339	3453	4715	3808
75°	4008	3131	4389	3540
80°	3618	2748	3880	3183
85°	2955	2260	3041	2692

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 5590 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.0	3.4
10°-20°	556.7	9.8
20°-30°	840.3	14.8
30°-40°	1003.3	17.7
40°-50°	1023.7	18.1
50°-60°	902.8	15.9
60°-70°	667.2	11.8
70°-80°	376.2	6.6
80°-90°	100.7	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°	1591.0	28.1
0°-40°	2594.3	45.8
0°-60°	4520.9	79.8
0°-90°	5665.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5665.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2048	2048	2048	2048	2048	
5°	2043	2037	2048	2043	2043	194
15°	1995	1939	2003	1961	1995	563
25°	1874	1753	1896	1784	1874	863
35°	1683	1500	1722	1539	1683	1052
45°	1418	1213	1469	1258	1418	1092
55°	1089	903	1145	951	1089	973
65°	726	585	788	633	726	721
75°	386	301	422	340	386	409
85°	96	73	98	87	96	112
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°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2048.4	2048.4	2048.4	2045.6	2042.8	2042.8	2045.6	2045.6	2042.8	2045.6
5°	2042.8	2042.8	2042.8	2039.9	2037.1	2037.1	2037.1	2037.1	2034.3	2037.1	2037.1
7.5°	2034.3	2034.3	2034.3	2031.5	2028.7	2028.7	2028.7	2025.9	2023.1	2025.9	2023.1
10°	2025.9	2023.1	2023.1	2023.1	2017.4	2014.6	2014.6	2014.6	2011.8	2011.8	2009.0
12.5°	2011.8	2009.0	2009.0	2006.2	2003.4	2000.6	1997.7	1994.9	1992.1	1989.3	1989.3
15°	1994.9	1994.9	1989.3	1986.5	1980.9	1978.0	1975.2	1972.4	1966.8	1964.0	1958.4
17.5°	1969.6	1969.6	1964.0	1961.2	1955.5	1949.9	1949.9	1944.3	1938.7	1933.0	1930.2
20°	1938.7	1941.5	1938.7	1933.0	1924.6	1921.8	1919.0	1913.3	1904.9	1899.3	1893.6
22.5°	1907.7	1910.5	1904.9	1896.4	1890.8	1888.0	1882.4	1873.9	1865.5	1857.1	1848.6
25°	1873.9	1871.1	1865.5	1859.9	1851.4	1848.6	1843.0	1834.5	1820.5	1812.0	1800.8
27.5°	1831.7	1831.7	1823.3	1817.7	1803.6	1803.6	1795.2	1783.9	1772.6	1758.6	1750.1
30°	1783.9	1783.9	1778.3	1769.8	1755.8	1752.9	1744.5	1736.1	1719.2	1705.1	1693.9
32.5°	1736.1	1733.3	1727.6	1719.2	1705.1	1699.5	1691.0	1679.8	1665.7	1646.0	1637.6
35°	1682.6	1679.8	1671.4	1660.1	1648.8	1643.2	1634.8	1620.7	1606.6	1586.9	1572.9
37.5°	1623.5	1620.7	1612.3	1601.0	1586.9	1581.3	1572.9	1558.8	1539.1	1525.0	1508.2
40°	1558.8	1556.0	1550.4	1539.1	1525.0	1519.4	1508.2	1494.1	1471.6	1454.7	1440.6
42.5°	1491.3	1488.5	1480.0	1465.9	1454.7	1449.1	1437.8	1423.7	1404.0	1384.4	1364.7
45°	1418.1	1415.3	1406.9	1390.0	1381.5	1373.1	1361.8	1347.8	1330.9	1314.0	1291.5
47.5°	1339.3	1336.5	1330.9	1316.8	1299.9	1297.1	1285.9	1271.8	1252.1	1229.6	1212.7
50°	1257.7	1257.7	1249.3	1238.0	1226.8	1218.3	1207.1	1193.0	1167.7	1153.6	1133.9
52.5°	1176.1	1173.3	1167.7	1153.6	1145.2	1136.7	1122.7	1114.2	1088.9	1077.7	1055.1
55°	1088.9	1086.1	1074.8	1066.4	1060.8	1052.3	1041.1	1024.2	1010.1	993.2	973.5
57.5°	1001.7	998.9	990.4	984.8	973.5	965.1	953.9	942.6	922.9	911.6	891.9
60°	911.6	911.6	906.0	897.6	886.3	877.9	869.4	858.2	841.3	824.4	810.4
62.5°	821.6	821.6	813.2	804.7	799.1	790.7	785.0	771.0	756.9	745.6	723.1
65°	725.9	725.9	714.7	711.9	706.2	700.6	692.2	678.1	669.7	650.0	641.5
67.5°	635.9	638.7	630.3	630.3	621.8	616.2	607.8	596.5	588.1	571.2	562.7
70°	551.5	554.3	548.7	545.9	537.4	531.8	526.2	517.7	506.5	500.8	486.8
72.5°	467.1	469.9	464.3	464.3	455.8	453.0	447.4	441.8	430.5	424.9	410.8
75°	385.5	382.7	382.7	385.5	377.0	374.2	371.4	360.2	354.5	348.9	337.6
77.5°	306.7	306.7	309.5	306.7	301.1	298.3	292.6	284.2	281.4	278.6	267.3
80°	233.5	236.4	236.4	233.5	227.9	225.1	222.3	213.8	211.0	211.0	202.6
82.5°	163.2	163.2	160.4	163.2	157.6	154.8	157.6	149.1	146.3	146.3	140.7
85°	95.7	92.9	92.9	95.7	92.9	92.9	92.9	87.2	87.2	87.2	81.6
87.5°	36.6	36.6	39.4	39.4	36.6	36.6	36.6	36.6	33.8	33.8	31.0
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°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2042.8	2042.8	2042.8	2042.8	2045.6	2042.8	2045.6	2045.6	2048.4	2045.6	2048.4
5°	2037.1	2037.1	2034.3	2034.3	2034.3	2034.3	2034.3	2034.3	2034.3	2037.1	2037.1
7.5°	2023.1	2023.1	2020.3	2020.3	2020.3	2020.3	2017.4	2017.4	2020.3	2020.3	2020.3
10°	2006.2	2003.4	2000.6	2000.6	2000.6	2000.6	1997.7	2000.6	2000.6	2000.6	2000.6
12.5°	1980.9	1980.9	1978.0	1975.2	1975.2	1975.2	1972.4	1975.2	1975.2	1975.2	1975.2
15°	1955.5	1952.7	1949.9	1944.3	1944.3	1941.5	1938.7	1941.5	1938.7	1938.7	1941.5
17.5°	1919.0	1919.0	1913.3	1910.5	1907.7	1904.9	1902.1	1902.1	1902.1	1902.1	1907.7
20°	1882.4	1879.6	1873.9	1862.7	1865.5	1862.7	1857.1	1859.9	1859.9	1857.1	1857.1
22.5°	1843.0	1831.7	1826.1	1814.9	1817.7	1812.0	1809.2	1812.0	1809.2	1806.4	1812.0
25°	1789.5	1783.9	1769.8	1769.8	1764.2	1761.4	1761.4	1758.6	1755.8	1752.9	1758.6
27.5°	1741.7	1730.4	1722.0	1710.7	1705.1	1705.1	1702.3	1699.5	1693.9	1699.5	1699.5
30°	1682.6	1671.4	1657.3	1651.7	1646.0	1646.0	1640.4	1637.6	1632.0	1632.0	1640.4
32.5°	1626.3	1609.4	1595.4	1586.9	1584.1	1581.3	1578.5	1567.2	1570.1	1572.9	1575.7
35°	1558.8	1544.7	1533.5	1525.0	1516.6	1513.8	1511.0	1502.5	1502.5	1499.7	1508.2
37.5°	1494.1	1477.2	1468.8	1454.7	1449.1	1443.4	1440.6	1435.0	1432.2	1435.0	1437.8
40°	1423.7	1409.7	1395.6	1381.5	1375.9	1373.1	1364.7	1364.7	1359.0	1364.7	1364.7
42.5°	1350.6	1336.5	1319.6	1308.4	1302.8	1297.1	1291.5	1288.7	1288.7	1288.7	1291.5
45°	1277.4	1260.5	1243.7	1232.4	1226.8	1224.0	1215.5	1212.7	1207.1	1212.7	1215.5
47.5°	1198.6	1184.6	1167.7	1159.3	1150.8	1148.0	1139.6	1133.9	1131.1	1136.7	1136.7
50°	1119.9	1105.8	1091.7	1080.5	1072.0	1069.2	1060.8	1060.8	1055.1	1060.8	1060.8
52.5°	1041.1	1027.0	1012.9	998.9	993.2	990.4	982.0	982.0	982.0	982.0	982.0
55°	962.3	942.6	934.2	920.1	914.5	911.6	908.8	900.4	903.2	903.2	903.2
57.5°	880.7	866.6	849.7	844.1	835.7	832.9	832.9	821.6	818.8	824.4	824.4
60°	799.1	787.8	771.0	762.5	756.9	756.9	748.5	737.2	734.4	745.6	745.6
62.5°	714.7	697.8	689.4	680.9	675.3	672.5	669.7	661.2	664.0	661.2	661.2
65°	635.9	619.0	613.4	605.0	599.3	596.5	593.7	588.1	582.4	585.3	585.3
67.5°	557.1	543.0	534.6	529.0	523.4	523.4	517.7	512.1	514.9	512.1	512.1
70°	481.1	469.9	458.6	455.8	450.2	450.2	447.4	444.6	441.8	438.9	438.9
72.5°	408.0	396.7	388.3	382.7	379.9	379.9	377.0	368.6	371.4	368.6	368.6
75°	332.0	323.6	320.8	315.1	312.3	312.3	309.5	303.9	306.7	301.1	295.4
77.5°	264.5	256.0	253.2	250.4	253.2	250.4	242.0	244.8	242.0	236.4	236.4
80°	202.6	194.1	194.1	188.5	185.7	185.7	182.9	182.9	180.1	177.3	177.3
82.5°	137.9	135.1	132.2	129.4	126.6	132.2	126.6	123.8	123.8	123.8	121.0
85°	78.8	78.8	76.0	76.0	73.2	76.0	73.2	70.3	73.2	73.2	67.5
87.5°	31.0	33.8	28.1	28.1	28.1	28.1	25.3	28.1	28.1	28.1	25.3
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°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2045.6	2045.6	2045.6	2045.6	2042.8	2045.6	2045.6	2048.4	2045.6	2045.6
5°	2037.1	2034.3	2037.1	2034.3	2034.3	2037.1	2037.1	2039.9	2039.9	2042.8	2042.8
7.5°	2020.3	2020.3	2020.3	2020.3	2020.3	2023.1	2023.1	2025.9	2028.7	2028.7	2031.5
10°	2000.6	2000.6	2003.4	2000.6	2003.4	2006.2	2009.0	2011.8	2014.6	2017.4	2017.4
12.5°	1975.2	1975.2	1975.2	1980.9	1980.9	1983.7	1986.5	1992.1	1994.9	2000.6	2000.6
15°	1941.5	1941.5	1947.1	1947.1	1949.9	1955.5	1961.2	1964.0	1969.6	1975.2	1978.0
17.5°	1904.9	1904.9	1910.5	1910.5	1913.3	1921.8	1927.4	1930.2	1941.5	1947.1	1952.7
20°	1862.7	1862.7	1871.1	1868.3	1873.9	1882.4	1888.0	1896.4	1904.9	1913.3	1919.0
22.5°	1812.0	1814.9	1823.3	1823.3	1826.1	1837.4	1845.8	1854.2	1862.7	1873.9	1882.4
25°	1758.6	1761.4	1769.8	1772.6	1775.5	1786.7	1798.0	1803.6	1817.7	1831.7	1837.4
27.5°	1699.5	1705.1	1710.7	1713.6	1719.2	1733.3	1744.5	1755.8	1767.0	1781.1	1792.3
30°	1640.4	1646.0	1651.7	1654.5	1660.1	1674.2	1685.4	1699.5	1713.6	1727.6	1738.9
32.5°	1572.9	1581.3	1586.9	1592.6	1595.4	1612.3	1626.3	1640.4	1654.5	1671.4	1685.4
35°	1508.2	1516.6	1522.2	1525.0	1530.7	1547.5	1558.8	1572.9	1592.6	1609.4	1623.5
37.5°	1437.8	1443.4	1454.7	1454.7	1460.3	1480.0	1494.1	1508.2	1527.9	1544.7	1561.6
40°	1367.5	1370.3	1381.5	1384.4	1390.0	1409.7	1423.7	1443.4	1457.5	1477.2	1494.1
42.5°	1291.5	1299.9	1311.2	1316.8	1322.4	1333.7	1345.0	1367.5	1381.5	1404.0	1420.9
45°	1215.5	1224.0	1229.6	1232.4	1246.5	1257.7	1269.0	1291.5	1308.4	1328.1	1347.8
47.5°	1139.6	1145.2	1153.6	1164.9	1170.5	1181.8	1190.2	1212.7	1229.6	1252.1	1269.0
50°	1060.8	1069.2	1074.8	1077.7	1088.9	1103.0	1114.2	1133.9	1148.0	1170.5	1190.2
52.5°	982.0	993.2	993.2	1004.5	1010.1	1015.8	1032.6	1052.3	1066.4	1086.1	1105.8
55°	906.0	911.6	920.1	922.9	931.3	937.0	948.2	967.9	984.8	1004.5	1024.2
57.5°	821.6	827.2	832.9	844.1	849.7	861.0	872.3	886.3	900.4	920.1	934.2
60°	740.0	748.5	754.1	762.5	762.5	776.6	790.7	804.7	816.0	835.7	849.7
62.5°	666.9	666.9	666.9	678.1	675.3	686.5	697.8	714.7	725.9	751.3	768.1
65°	588.1	590.9	590.9	599.3	596.5	607.8	616.2	633.1	644.3	658.4	675.3
67.5°	512.1	512.1	514.9	523.4	520.5	529.0	543.0	551.5	559.9	576.8	590.9
70°	433.3	436.1	438.9	447.4	444.6	455.8	464.3	469.9	481.1	492.4	503.7
72.5°	365.8	365.8	374.2	374.2	371.4	379.9	388.3	393.9	399.5	413.6	427.7
75°	301.1	298.3	303.9	303.9	301.1	303.9	309.5	318.0	323.6	334.8	346.1
77.5°	236.4	233.5	239.2	239.2	239.2	236.4	244.8	247.6	250.4	256.0	267.3
80°	174.5	171.6	177.3	177.3	171.6	174.5	180.1	182.9	182.9	188.5	197.0
82.5°	121.0	118.2	121.0	121.0	121.0	121.0	123.8	121.0	123.8	123.8	132.2
85°	73.2	70.3	73.2	70.3	70.3	67.5	73.2	70.3	70.3	73.2	73.2
87.5°	25.3	25.3	28.1	28.1	25.3	28.1	25.3	25.3	25.3	28.1	25.3
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: P572001

CATALOG NUMBER: 22ID-55-L840-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2051.2	2051.2	2048.4	2051.2	2048.4
5°	2042.8	2042.8	2045.6	2045.6	2045.6	2045.6	2045.6	2048.4	2048.4	2048.4	2045.6
7.5°	2034.3	2034.3	2034.3	2034.3	2037.1	2039.9	2039.9	2039.9	2042.8	2039.9	2039.9
10°	2020.3	2025.9	2025.9	2028.7	2028.7	2031.5	2034.3	2034.3	2034.3	2034.3	2034.3
12.5°	2006.2	2009.0	2011.8	2014.6	2017.4	2017.4	2023.1	2023.1	2023.1	2023.1	2020.3
15°	1983.7	1989.3	1992.1	1994.9	2000.6	2000.6	2006.2	2003.4	2009.0	2006.2	2003.4
17.5°	1958.4	1964.0	1969.6	1969.6	1978.0	1980.9	1986.5	1989.3	1989.3	1986.5	1980.9
20°	1927.4	1935.8	1938.7	1944.3	1949.9	1955.5	1958.4	1961.2	1964.0	1961.2	1958.4
22.5°	1890.8	1902.1	1904.9	1910.5	1919.0	1924.6	1927.4	1930.2	1933.0	1933.0	1927.4
25°	1851.4	1865.5	1865.5	1873.9	1882.4	1890.8	1896.4	1896.4	1902.1	1896.4	1896.4
27.5°	1803.6	1820.5	1828.9	1831.7	1843.0	1851.4	1857.1	1862.7	1862.7	1857.1	1857.1
30°	1755.8	1772.6	1781.1	1783.9	1798.0	1806.4	1812.0	1817.7	1817.7	1817.7	1812.0
32.5°	1702.3	1722.0	1730.4	1733.3	1750.1	1758.6	1767.0	1772.6	1772.6	1769.8	1761.4
35°	1646.0	1660.1	1674.2	1679.8	1693.9	1702.3	1716.4	1722.0	1719.2	1719.2	1710.7
37.5°	1581.3	1603.8	1612.3	1617.9	1634.8	1646.0	1660.1	1665.7	1665.7	1662.9	1657.3
40°	1513.8	1539.1	1547.5	1556.0	1572.9	1586.9	1595.4	1603.8	1603.8	1603.8	1598.2
42.5°	1446.3	1465.9	1477.2	1485.6	1505.3	1513.8	1527.9	1539.1	1539.1	1536.3	1527.9
45°	1370.3	1392.8	1404.0	1412.5	1432.2	1449.1	1457.5	1468.8	1465.9	1465.9	1454.7
47.5°	1294.3	1316.8	1328.1	1336.5	1356.2	1375.9	1381.5	1392.8	1392.8	1392.8	1381.5
50°	1215.5	1238.0	1246.5	1254.9	1277.4	1288.7	1302.8	1314.0	1314.0	1316.8	1305.6
52.5°	1133.9	1150.8	1164.9	1170.5	1193.0	1207.1	1218.3	1232.4	1232.4	1226.8	1226.8
55°	1046.7	1066.4	1080.5	1086.1	1103.0	1125.5	1133.9	1145.2	1145.2	1145.2	1139.6
57.5°	959.5	982.0	993.2	998.9	1018.6	1035.4	1046.7	1058.0	1060.8	1060.8	1049.5
60°	869.4	891.9	903.2	908.8	931.3	945.4	956.7	967.9	970.7	973.5	962.3
62.5°	785.0	804.7	816.0	821.6	838.5	849.7	863.8	877.9	880.7	880.7	875.1
65°	692.2	711.9	720.3	725.9	740.0	759.7	776.6	787.8	790.7	787.8	787.8
67.5°	605.0	621.8	633.1	635.9	650.0	669.7	678.1	689.4	692.2	692.2	689.4
70°	517.7	537.4	545.9	551.5	562.7	579.6	588.1	599.3	602.1	605.0	599.3
72.5°	436.1	450.2	458.6	464.3	478.3	492.4	498.0	509.3	514.9	514.9	509.3
75°	354.5	368.6	374.2	379.9	391.1	405.2	410.8	422.1	427.7	424.9	424.9
77.5°	275.7	287.0	292.6	295.4	303.9	320.8	323.6	334.8	334.8	337.6	337.6
80°	202.6	211.0	216.7	219.5	225.1	236.4	242.0	250.4	256.0	253.2	253.2
82.5°	135.1	140.7	146.3	151.9	151.9	163.2	163.2	171.6	171.6	177.3	174.5
85°	76.0	78.8	81.6	84.4	84.4	92.9	92.9	98.5	104.1	98.5	98.5
87.5°	25.3	28.1	28.1	31.0	28.1	33.8	31.0	36.6	39.4	39.4	36.6
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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CATALOG NUMBER: 22ID-55-L840-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
5°	2045.6	2045.6	2042.8	2045.6	2045.6	2045.6	2045.6	2042.8	2042.8	2042.8	2042.8
7.5°	2039.9	2037.1	2037.1	2037.1	2034.3	2034.3	2034.3	2034.3	2031.5	2031.5	2031.5
10°	2031.5	2028.7	2028.7	2028.7	2025.9	2025.9	2023.1	2020.3	2020.3	2017.4	2014.6
12.5°	2020.3	2017.4	2014.6	2014.6	2011.8	2009.0	2006.2	2003.4	2000.6	1994.9	1994.9
15°	2000.6	2000.6	1997.7	1994.9	1989.3	1989.3	1983.7	1980.9	1975.2	1969.6	1969.6
17.5°	1980.9	1978.0	1975.2	1969.6	1964.0	1961.2	1955.5	1949.9	1944.3	1938.7	1935.8
20°	1955.5	1947.1	1949.9	1941.5	1935.8	1930.2	1921.8	1916.1	1907.7	1902.1	1896.4
22.5°	1921.8	1919.0	1916.1	1907.7	1899.3	1896.4	1882.4	1873.9	1865.5	1857.1	1851.4
25°	1885.2	1882.4	1879.6	1871.1	1859.9	1854.2	1840.2	1831.7	1817.7	1812.0	1806.4
27.5°	1843.0	1843.0	1837.4	1826.1	1817.7	1803.6	1795.2	1778.3	1767.0	1758.6	1752.9
30°	1798.0	1798.0	1792.3	1778.3	1767.0	1752.9	1744.5	1727.6	1713.6	1705.1	1693.9
32.5°	1752.9	1750.1	1744.5	1730.4	1716.4	1702.3	1685.4	1671.4	1654.5	1646.0	1634.8
35°	1699.5	1696.7	1691.0	1674.2	1662.9	1646.0	1626.3	1609.4	1592.6	1584.1	1567.2
37.5°	1643.2	1637.6	1632.0	1612.3	1598.2	1581.3	1567.2	1544.7	1527.9	1516.6	1508.2
40°	1581.3	1578.5	1570.1	1553.2	1533.5	1516.6	1496.9	1480.0	1463.1	1449.1	1437.8
42.5°	1519.4	1508.2	1502.5	1485.6	1471.6	1446.3	1432.2	1409.7	1392.8	1381.5	1364.7
45°	1449.1	1440.6	1432.2	1415.3	1395.6	1375.9	1361.8	1336.5	1319.6	1305.6	1291.5
47.5°	1370.3	1367.5	1359.0	1339.3	1322.4	1302.8	1285.9	1260.5	1243.7	1232.4	1218.3
50°	1291.5	1288.7	1283.1	1263.4	1240.9	1224.0	1209.9	1184.6	1167.7	1150.8	1142.4
52.5°	1218.3	1207.1	1201.5	1184.6	1162.1	1142.4	1131.1	1105.8	1088.9	1072.0	1060.8
55°	1133.9	1125.5	1119.9	1105.8	1086.1	1060.8	1049.5	1027.0	1012.9	1001.7	984.8
57.5°	1049.5	1038.3	1032.6	1015.8	1001.7	982.0	967.9	945.4	931.3	920.1	908.8
60°	953.9	953.9	948.2	931.3	917.3	897.6	886.3	863.8	849.7	841.3	827.2
62.5°	875.1	863.8	861.0	841.3	832.9	813.2	804.7	785.0	776.6	762.5	748.5
65°	776.6	776.6	773.8	762.5	751.3	725.9	714.7	697.8	689.4	678.1	666.9
67.5°	689.4	680.9	680.9	669.7	655.6	641.5	633.1	616.2	610.6	596.5	588.1
70°	602.1	593.7	593.7	579.6	571.2	557.1	551.5	537.4	526.2	520.5	512.1
72.5°	514.9	509.3	506.5	495.2	489.6	475.5	472.7	458.6	447.4	444.6	436.1
75°	427.7	422.1	413.6	416.4	405.2	393.9	391.1	382.7	377.0	368.6	360.2
77.5°	340.5	334.8	334.8	329.2	323.6	315.1	312.3	306.7	298.3	292.6	287.0
80°	258.9	253.2	253.2	250.4	242.0	236.4	236.4	227.9	227.9	222.3	219.5
82.5°	177.3	174.5	171.6	174.5	168.8	163.2	166.0	163.2	160.4	154.8	151.9
85°	104.1	101.3	98.5	104.1	98.5	101.3	98.5	95.7	95.7	92.9	90.0
87.5°	39.4	39.4	36.6	39.4	39.4	42.2	39.4	39.4	39.4	39.4	39.4
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: P572001

CATALOG NUMBER: 22ID-55-L840-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
5°	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2039.9	2042.8
7.5°	2031.5	2028.7	2031.5	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
10°	2014.6	2014.6	2014.6	2014.6	2014.6	2014.6	2014.6	2014.6	2014.6	2011.8	2011.8
12.5°	1994.9	1994.9	1992.1	1992.1	1992.1	1989.3	1989.3	1992.1	1992.1	1989.3	1992.1
15°	1966.8	1969.6	1964.0	1961.2	1961.2	1961.2	1961.2	1961.2	1961.2	1961.2	1964.0
17.5°	1935.8	1933.0	1930.2	1930.2	1927.4	1924.6	1924.6	1927.4	1927.4	1930.2	1930.2
20°	1896.4	1896.4	1890.8	1888.0	1885.2	1882.4	1882.4	1885.2	1885.2	1885.2	1890.8
22.5°	1851.4	1848.6	1843.0	1840.2	1840.2	1834.5	1837.4	1840.2	1840.2	1840.2	1843.0
25°	1800.8	1798.0	1795.2	1792.3	1786.7	1783.9	1783.9	1789.5	1789.5	1795.2	1798.0
27.5°	1747.3	1744.5	1738.9	1733.3	1730.4	1727.6	1727.6	1733.3	1733.3	1738.9	1741.7
30°	1691.0	1688.2	1679.8	1677.0	1668.5	1665.7	1668.5	1674.2	1677.0	1679.8	1682.6
32.5°	1632.0	1626.3	1617.9	1615.1	1606.6	1609.4	1603.8	1612.3	1615.1	1617.9	1620.7
35°	1567.2	1561.6	1553.2	1544.7	1541.9	1539.1	1539.1	1544.7	1544.7	1553.2	1556.0
37.5°	1496.9	1494.1	1485.6	1480.0	1474.4	1474.4	1468.8	1477.2	1480.0	1485.6	1485.6
40°	1432.2	1429.4	1415.3	1409.7	1404.0	1406.9	1398.4	1406.9	1409.7	1415.3	1418.1
42.5°	1356.2	1353.4	1342.1	1336.5	1330.9	1333.7	1325.3	1333.7	1330.9	1339.3	1342.1
45°	1283.1	1280.2	1271.8	1260.5	1254.9	1257.7	1257.7	1257.7	1254.9	1263.4	1266.2
47.5°	1209.9	1204.3	1195.8	1184.6	1178.9	1181.8	1181.8	1181.8	1178.9	1190.2	1190.2
50°	1133.9	1128.3	1119.9	1108.6	1105.8	1105.8	1105.8	1105.8	1105.8	1111.4	1114.2
52.5°	1055.1	1052.3	1043.9	1032.6	1027.0	1027.0	1027.0	1021.4	1027.0	1029.8	1032.6
55°	976.4	973.5	959.5	953.9	948.2	951.0	948.2	945.4	945.4	951.0	953.9
57.5°	897.6	894.8	886.3	883.5	869.4	872.3	869.4	869.4	872.3	872.3	875.1
60°	818.8	816.0	807.5	804.7	793.5	796.3	785.0	790.7	793.5	793.5	793.5
62.5°	734.4	734.4	720.3	714.7	709.1	711.9	703.4	703.4	703.4	709.1	709.1
65°	658.4	655.6	644.3	638.7	633.1	633.1	627.5	627.5	624.6	630.3	630.3
67.5°	579.6	579.6	568.4	562.7	557.1	559.9	551.5	551.5	554.3	554.3	554.3
70°	503.7	503.7	495.2	492.4	484.0	484.0	475.5	478.3	478.3	478.3	478.3
72.5°	430.5	430.5	422.1	419.2	410.8	410.8	402.4	405.2	405.2	402.4	402.4
75°	357.3	360.2	346.1	343.3	337.6	340.5	334.8	332.0	334.8	329.2	329.2
77.5°	284.2	284.2	281.4	278.6	270.1	270.1	267.3	261.7	264.5	258.9	258.9
80°	213.8	216.7	208.2	211.0	202.6	205.4	202.6	197.0	197.0	194.1	191.3
82.5°	149.1	149.1	146.3	149.1	146.3	143.5	140.7	137.9	137.9	132.2	132.2
85°	90.0	92.9	87.2	90.0	90.0	87.2	81.6	81.6	81.6	78.8	78.8
87.5°	36.6	42.2	39.4	39.4	39.4	39.4	36.6	39.4	36.6	33.8	33.8
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: P572001

CATALOG NUMBER: 22ID-55-L840-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4	2048.4
2.5°	2045.6	2048.4	2048.4	2048.4	2048.4	2045.6	2045.6	2045.6	2045.6	2045.6	2048.4
5°	2039.9	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8	2042.8
7.5°	2028.7	2028.7	2031.5	2031.5	2031.5	2031.5	2034.3	2031.5	2034.3	2031.5	2034.3
10°	2011.8	2014.6	2017.4	2017.4	2020.3	2017.4	2020.3	2020.3	2023.1	2023.1	2023.1
12.5°	1992.1	1994.9	1994.9	2000.6	2000.6	2000.6	2003.4	2003.4	2006.2	2009.0	2009.0
15°	1964.0	1966.8	1969.6	1969.6	1975.2	1980.9	1980.9	1983.7	1986.5	1989.3	1989.3
17.5°	1930.2	1933.0	1935.8	1941.5	1947.1	1952.7	1955.5	1955.5	1961.2	1964.0	1964.0
20°	1890.8	1896.4	1902.1	1907.7	1910.5	1919.0	1921.8	1924.6	1930.2	1935.8	1935.8
22.5°	1848.6	1851.4	1859.9	1865.5	1871.1	1879.6	1882.4	1890.8	1896.4	1899.3	1902.1
25°	1798.0	1803.6	1812.0	1817.7	1823.3	1834.5	1843.0	1848.6	1857.1	1862.7	1862.7
27.5°	1741.7	1750.1	1758.6	1764.2	1772.6	1786.7	1795.2	1800.8	1812.0	1817.7	1820.5
30°	1685.4	1691.0	1702.3	1710.7	1719.2	1733.3	1744.5	1752.9	1764.2	1769.8	1772.6
32.5°	1623.5	1632.0	1643.2	1651.7	1662.9	1677.0	1688.2	1696.7	1713.6	1716.4	1719.2
35°	1558.8	1567.2	1575.7	1589.8	1601.0	1615.1	1629.1	1640.4	1648.8	1660.1	1662.9
37.5°	1491.3	1499.7	1511.0	1522.2	1533.5	1550.4	1564.4	1572.9	1586.9	1595.4	1601.0
40°	1420.9	1429.4	1443.4	1457.5	1465.9	1482.8	1496.9	1508.2	1527.9	1533.5	1533.5
42.5°	1345.0	1356.2	1364.7	1381.5	1390.0	1409.7	1423.7	1440.6	1451.9	1460.3	1463.1
45°	1271.8	1280.2	1297.1	1308.4	1316.8	1336.5	1350.6	1364.7	1378.7	1384.4	1390.0
47.5°	1193.0	1204.3	1218.3	1224.0	1238.0	1257.7	1271.8	1285.9	1302.8	1308.4	1311.2
50°	1117.0	1125.5	1133.9	1145.2	1156.4	1176.1	1193.0	1207.1	1221.2	1226.8	1229.6
52.5°	1038.3	1046.7	1055.1	1069.2	1074.8	1094.5	1103.0	1117.0	1136.7	1142.4	1145.2
55°	956.7	967.9	979.2	987.6	993.2	1010.1	1021.4	1038.3	1049.5	1055.1	1060.8
57.5°	875.1	883.5	894.8	906.0	908.8	925.7	939.8	948.2	962.3	967.9	973.5
60°	796.3	804.7	813.2	816.0	824.4	841.3	855.4	861.0	875.1	880.7	883.5
62.5°	711.9	714.7	725.9	734.4	734.4	756.9	765.3	776.6	787.8	790.7	796.3
65°	633.1	638.7	638.7	644.3	652.8	666.9	672.5	686.5	695.0	697.8	700.6
67.5°	554.3	559.9	565.6	571.2	571.2	585.3	588.1	599.3	607.8	610.6	613.4
70°	478.3	478.3	486.8	492.4	489.6	500.8	506.5	512.1	523.4	526.2	529.0
72.5°	405.2	402.4	408.0	413.6	419.2	422.1	427.7	430.5	438.9	444.6	447.4
75°	332.0	334.8	334.8	337.6	334.8	337.6	346.1	354.5	360.2	363.0	368.6
77.5°	258.9	261.7	261.7	264.5	267.3	267.3	270.1	281.4	287.0	289.8	287.0
80°	191.3	194.1	194.1	197.0	199.8	202.6	202.6	208.2	216.7	219.5	219.5
82.5°	135.1	135.1	135.1	135.1	137.9	137.9	140.7	146.3	151.9	151.9	157.6
85°	81.6	81.6	78.8	81.6	78.8	81.6	84.4	90.0	92.9	92.9	95.7
87.5°	36.6	33.8	36.6	36.6	33.8	33.8	33.8	36.6	36.6	39.4	39.4
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: P572001

CATALOG NUMBER: 22ID-55-L840-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2048.4	2048.4	2048.4	2048.4
2.5°	2048.4	2048.4	2048.4	2048.4
5°	2042.8	2042.8	2042.8	2042.8
7.5°	2034.3	2034.3	2034.3	2034.3
10°	2023.1	2025.9	2025.9	2025.9
12.5°	2009.0	2009.0	2011.8	2011.8
15°	1992.1	1992.1	1992.1	1994.9
17.5°	1966.8	1969.6	1969.6	1969.6
20°	1938.7	1941.5	1941.5	1938.7
22.5°	1902.1	1904.9	1907.7	1907.7
25°	1865.5	1871.1	1873.9	1873.9
27.5°	1823.3	1828.9	1831.7	1831.7
30°	1778.3	1783.9	1783.9	1783.9
32.5°	1724.8	1733.3	1736.1	1736.1
35°	1668.5	1679.8	1682.6	1682.6
37.5°	1609.4	1615.1	1623.5	1623.5
40°	1544.7	1550.4	1558.8	1558.8
42.5°	1474.4	1485.6	1485.6	1491.3
45°	1398.4	1409.7	1412.5	1418.1
47.5°	1322.4	1333.7	1336.5	1339.3
50°	1240.9	1249.3	1257.7	1257.7
52.5°	1159.3	1164.9	1170.5	1176.1
55°	1072.0	1080.5	1083.3	1088.9
57.5°	982.0	993.2	996.1	1001.7
60°	894.8	903.2	908.8	911.6
62.5°	807.5	813.2	816.0	821.6
65°	711.9	720.3	720.3	725.9
67.5°	624.6	630.3	633.1	635.9
70°	531.8	543.0	545.9	551.5
72.5°	450.2	461.5	461.5	467.1
75°	377.0	379.9	379.9	385.5
77.5°	298.3	301.1	303.9	306.7
80°	225.1	227.9	227.9	233.5
82.5°	160.4	160.4	160.4	163.2
85°	98.5	95.7	92.9	95.7
87.5°	39.4	39.4	42.2	36.6
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P572001

CATALOG NUMBER: 22ID-55-L840-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	17.84	19.47	18.21	19.78	20.10	16.73	18.35	17.09	18.67	18.98
	3H	19.60	21.07	19.97	21.39	21.75	18.35	19.82	18.72	20.14	20.50
	4H	20.25	21.64	20.65	21.99	22.36	18.94	20.32	19.34	20.67	21.05
	6H	20.75	22.03	21.16	22.39	22.78	19.37	20.65	19.78	21.02	21.41
	8H	20.90	22.13	21.33	22.52	22.92	19.50	20.73	19.93	21.12	21.52
	12H	21.00	22.18	21.43	22.56	22.99	19.59	20.76	20.01	21.14	21.57
4H	2H	18.33	19.71	18.73	20.06	20.44	17.43	18.81	17.82	19.16	19.53
	3H	20.31	21.47	20.71	21.86	22.26	19.25	20.41	19.66	20.81	21.21
	4H	21.10	22.15	21.53	22.56	23.00	19.96	21.01	20.39	21.42	21.86
	6H	21.73	22.65	22.19	23.09	23.54	20.50	21.42	20.96	21.86	22.32
	8H	21.94	22.80	22.40	23.24	23.71	20.67	21.53	21.13	21.97	22.44
	12H	22.09	22.86	22.57	23.33	23.80	20.79	21.56	21.27	22.04	22.51
8H	4H	21.33	22.19	21.79	22.63	23.10	20.31	21.16	20.77	21.61	22.07
	6H	22.08	22.79	22.57	23.28	23.75	20.96	21.67	21.45	22.16	22.63
	8H	22.36	23.00	22.87	23.51	24.00	21.19	21.83	21.70	22.34	22.82
	12H	22.59	23.15	23.09	23.64	24.20	21.37	21.94	21.88	22.43	22.99
12H	4H	21.35	22.12	21.83	22.60	23.07	20.35	21.12	20.83	21.60	22.06
	6H	22.11	22.75	22.62	23.26	23.74	21.02	21.66	21.53	22.17	22.66
	8H	22.45	23.02	22.96	23.51	24.07	21.31	21.88	21.82	22.37	22.93

END OF REPORT