

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: P572005

Luminaire Tested: 22ID-55-L850-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P572005
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-L850-SWR
Description: 5500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 5000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5837.0 lumens
Efficiency: N/A
Efficacy: 127.2 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

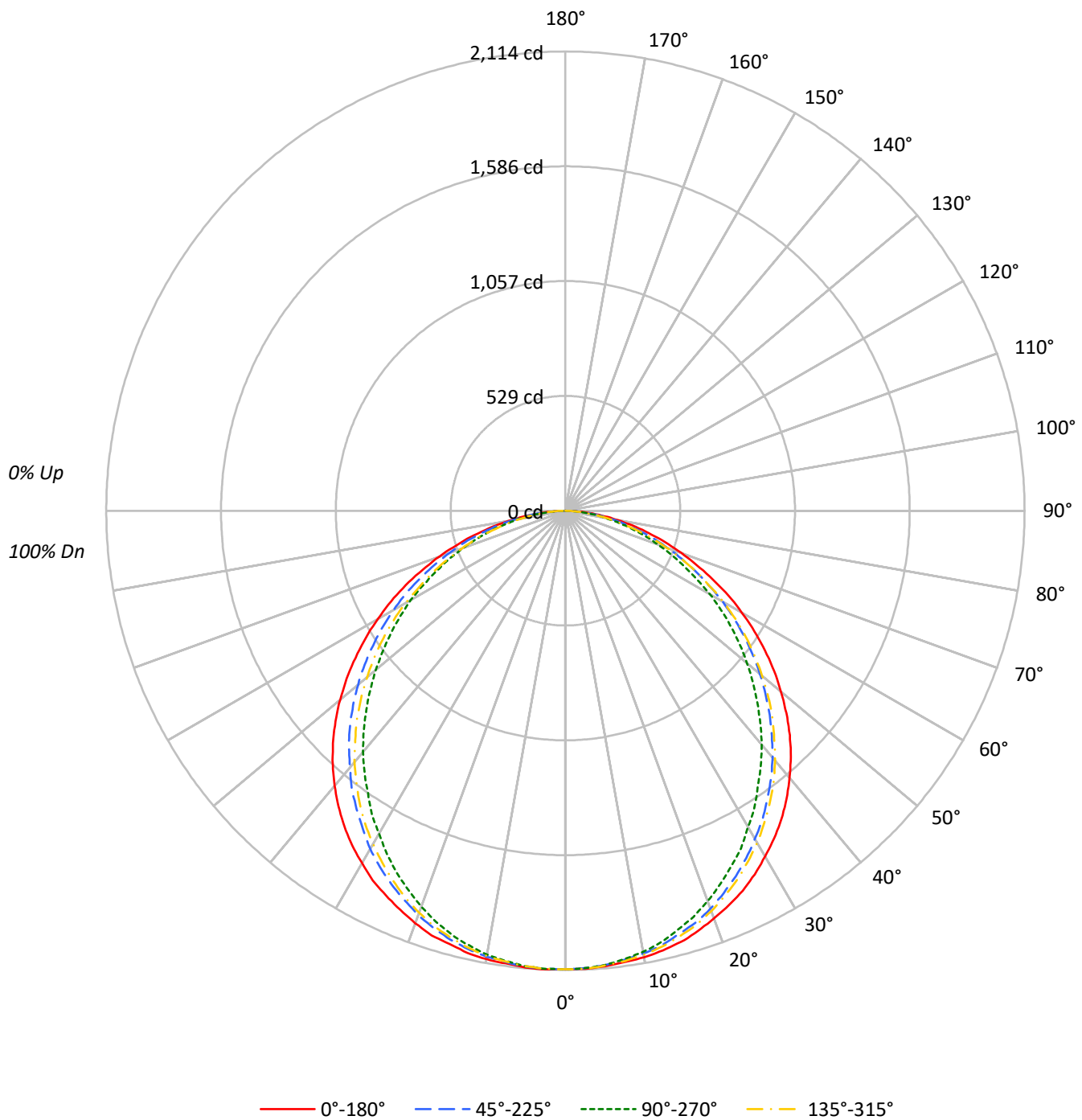
Input Watts (W): 45.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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°	5680	5680	5680	5680
5°	5686	5670	5701	5686
10°	5704	5632	5728	5672
15°	5726	5565	5751	5629
20°	5720	5479	5787	5554
25°	5733	5363	5802	5458
30°	5711	5225	5820	5333
35°	5695	5076	5829	5209
40°	5642	4939	5805	5092
45°	5561	4755	5759	4932
50°	5425	4576	5668	4770
55°	5264	4366	5536	4597
60°	5055	4135	5367	4416
65°	4763	3840	5169	4153
70°	4471	3559	4858	3924
75°	4130	3225	4522	3647
80°	3729	2830	3998	3279
85°	3044	2328	3134	2776

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 5759 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.9	3.4
10°-20°	573.6	9.8
20°-30°	865.8	14.8
30°-40°	1033.8	17.7
40°-50°	1054.8	18.1
50°-60°	930.2	15.9
60°-70°	687.5	11.8
70°-80°	387.6	6.6
80°-90°	103.8	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°	1639.3	28.1
0°-40°	2673.1	45.8
0°-60°	4658.1	79.8
0°-90°	5837.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5837.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2111	2111	2111	2111	2111	
5°	2105	2099	2111	2105	2105	200
15°	2056	1998	2064	2021	2056	580
25°	1931	1806	1954	1838	1931	889
35°	1734	1545	1774	1586	1734	1084
45°	1461	1250	1513	1296	1461	1125
55°	1122	931	1180	980	1122	1003
65°	748	603	812	652	748	743
75°	397	310	435	351	397	422
85°	99	75	102	90	99	116
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°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2110.6	2110.6	2110.6	2107.7	2104.8	2104.8	2107.7	2107.7	2104.8	2107.7
5°	2104.8	2104.8	2104.8	2101.9	2099.0	2099.0	2099.0	2099.0	2096.1	2099.0	2099.0
7.5°	2096.1	2096.1	2096.1	2093.2	2090.3	2090.3	2090.3	2087.4	2084.5	2087.4	2084.5
10°	2087.4	2084.5	2084.5	2084.5	2078.7	2075.8	2075.8	2075.8	2072.9	2072.9	2070.0
12.5°	2072.9	2070.0	2070.0	2067.1	2064.2	2061.3	2058.4	2055.5	2052.6	2049.7	2049.7
15°	2055.5	2055.5	2049.7	2046.8	2041.0	2038.1	2035.2	2032.3	2026.5	2023.6	2017.8
17.5°	2029.4	2029.4	2023.6	2020.7	2014.9	2009.1	2009.1	2003.3	1997.5	1991.7	1988.8
20°	1997.5	2000.4	1997.5	1991.7	1983.0	1980.1	1977.2	1971.4	1962.7	1956.9	1951.1
22.5°	1965.6	1968.5	1962.7	1954.0	1948.2	1945.3	1939.5	1930.8	1922.1	1913.4	1904.7
25°	1930.8	1927.9	1922.1	1916.3	1907.6	1904.7	1898.9	1890.2	1875.8	1867.1	1855.5
27.5°	1887.3	1887.3	1878.7	1872.9	1858.4	1858.4	1849.7	1838.1	1826.5	1812.0	1803.3
30°	1838.1	1838.1	1832.3	1823.6	1809.1	1806.2	1797.5	1788.8	1771.4	1756.9	1745.3
32.5°	1788.8	1785.9	1780.1	1771.4	1756.9	1751.1	1742.4	1730.8	1716.3	1696.0	1687.3
35°	1733.7	1730.8	1722.1	1710.5	1698.9	1693.1	1684.4	1669.9	1655.4	1635.1	1620.6
37.5°	1672.8	1669.9	1661.2	1649.6	1635.1	1629.3	1620.6	1606.1	1585.8	1571.3	1553.9
40°	1606.1	1603.2	1597.4	1585.8	1571.3	1565.5	1553.9	1539.4	1516.3	1498.9	1484.4
42.5°	1536.6	1533.7	1525.0	1510.5	1498.9	1493.1	1481.5	1467.0	1446.7	1426.4	1406.1
45°	1461.2	1458.3	1449.6	1432.2	1423.5	1414.8	1403.2	1388.7	1371.3	1353.9	1330.7
47.5°	1380.0	1377.1	1371.3	1356.8	1339.4	1336.5	1324.9	1310.4	1290.1	1266.9	1249.5
50°	1295.9	1295.9	1287.2	1275.6	1264.0	1255.3	1243.7	1229.2	1203.1	1188.7	1168.4
52.5°	1211.8	1208.9	1203.1	1188.7	1180.0	1171.3	1156.8	1148.1	1122.0	1110.4	1087.2
55°	1122.0	1119.1	1107.5	1098.8	1093.0	1084.3	1072.7	1055.3	1040.8	1023.4	1003.1
57.5°	1032.1	1029.2	1020.5	1014.7	1003.1	994.4	982.8	971.2	950.9	939.3	919.0
60°	939.3	939.3	933.5	924.8	913.2	904.5	895.8	884.2	866.8	849.5	835.0
62.5°	846.6	846.6	837.9	829.2	823.4	814.7	808.9	794.4	779.9	768.3	745.1
65°	748.0	748.0	736.4	733.5	727.7	721.9	713.2	698.7	690.0	669.7	661.0
67.5°	655.2	658.1	649.4	649.4	640.7	634.9	626.2	614.6	605.9	588.5	579.8
70°	568.2	571.1	565.3	562.4	553.7	547.9	542.1	533.4	521.8	516.0	501.6
72.5°	481.3	484.2	478.4	478.4	469.7	466.8	461.0	455.2	443.6	437.8	423.3
75°	397.2	394.3	394.3	397.2	388.5	385.6	382.7	371.1	365.3	359.5	347.9
77.5°	316.0	316.0	318.9	316.0	310.2	307.3	301.5	292.8	289.9	287.0	275.4
80°	240.6	243.5	243.5	240.6	234.8	231.9	229.0	220.3	217.4	217.4	208.7
82.5°	168.2	168.2	165.3	168.2	162.4	159.5	162.4	153.7	150.8	150.8	145.0
85°	98.6	95.7	95.7	98.6	95.7	95.7	95.7	89.9	89.9	89.9	84.1
87.5°	37.7	37.7	40.6	40.6	37.7	37.7	37.7	37.7	34.8	34.8	31.9
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°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2104.8	2104.8	2104.8	2104.8	2107.7	2104.8	2107.7	2107.7	2110.6	2107.7	2110.6
5°	2099.0	2099.0	2096.1	2096.1	2096.1	2096.1	2096.1	2096.1	2096.1	2099.0	2099.0
7.5°	2084.5	2084.5	2081.6	2081.6	2081.6	2081.6	2078.7	2078.7	2081.6	2081.6	2081.6
10°	2067.1	2064.2	2061.3	2061.3	2061.3	2061.3	2058.4	2061.3	2061.3	2061.3	2061.3
12.5°	2041.0	2041.0	2038.1	2035.2	2035.2	2035.2	2032.3	2035.2	2035.2	2035.2	2035.2
15°	2014.9	2012.0	2009.1	2003.3	2003.3	2000.4	1997.5	2000.4	1997.5	1997.5	2000.4
17.5°	1977.2	1977.2	1971.4	1968.5	1965.6	1962.7	1959.8	1959.8	1959.8	1959.8	1965.6
20°	1939.5	1936.6	1930.8	1919.2	1922.1	1919.2	1913.4	1916.3	1916.3	1913.4	1913.4
22.5°	1898.9	1887.3	1881.5	1870.0	1872.9	1867.1	1864.2	1867.1	1864.2	1861.3	1867.1
25°	1843.9	1838.1	1823.6	1823.6	1817.8	1814.9	1814.9	1812.0	1809.1	1806.2	1812.0
27.5°	1794.6	1783.0	1774.3	1762.7	1756.9	1756.9	1754.0	1751.1	1745.3	1751.1	1751.1
30°	1733.7	1722.1	1707.6	1701.8	1696.0	1696.0	1690.2	1687.3	1681.5	1681.5	1690.2
32.5°	1675.7	1658.3	1643.8	1635.1	1632.2	1629.3	1626.4	1614.8	1617.7	1620.6	1623.5
35°	1606.1	1591.6	1580.0	1571.3	1562.6	1559.7	1556.8	1548.1	1548.1	1545.2	1553.9
37.5°	1539.4	1522.1	1513.4	1498.9	1493.1	1487.3	1484.4	1478.6	1475.7	1478.6	1481.5
40°	1467.0	1452.5	1438.0	1423.5	1417.7	1414.8	1406.1	1406.1	1400.3	1406.1	1406.1
42.5°	1391.6	1377.1	1359.7	1348.1	1342.3	1336.5	1330.7	1327.8	1327.8	1327.8	1330.7
45°	1316.2	1298.8	1281.4	1269.8	1264.0	1261.1	1252.4	1249.5	1243.7	1249.5	1252.4
47.5°	1235.0	1220.5	1203.1	1194.5	1185.8	1182.9	1174.2	1168.4	1165.5	1171.3	1171.3
50°	1153.9	1139.4	1124.9	1113.3	1104.6	1101.7	1093.0	1093.0	1087.2	1093.0	1093.0
52.5°	1072.7	1058.2	1043.7	1029.2	1023.4	1020.5	1011.8	1011.8	1011.8	1011.8	1011.8
55°	991.5	971.2	962.5	948.0	942.2	939.3	936.4	927.7	930.6	930.6	930.6
57.5°	907.4	892.9	875.5	869.7	861.0	858.1	858.1	846.6	843.7	849.5	849.5
60°	823.4	811.8	794.4	785.7	779.9	779.9	771.2	759.6	756.7	768.3	768.3
62.5°	736.4	719.0	710.3	701.6	695.8	692.9	690.0	681.3	684.2	681.3	681.3
65°	655.2	637.8	632.0	623.3	617.5	614.6	611.7	605.9	600.1	603.0	603.0
67.5°	574.0	559.5	550.8	545.0	539.2	539.2	533.4	527.6	530.5	527.6	527.6
70°	495.8	484.2	472.6	469.7	463.9	463.9	461.0	458.1	455.2	452.3	452.3
72.5°	420.4	408.8	400.1	394.3	391.4	391.4	388.5	379.8	382.7	379.8	379.8
75°	342.1	333.4	330.5	324.7	321.8	321.8	318.9	313.1	316.0	310.2	304.4
77.5°	272.5	263.8	260.9	258.0	260.9	258.0	249.3	252.2	249.3	243.5	243.5
80°	208.7	200.0	200.0	194.2	191.3	191.3	188.4	188.4	185.5	182.6	182.6
82.5°	142.1	139.2	136.3	133.4	130.5	136.3	130.5	127.6	127.6	127.6	124.7
85°	81.2	81.2	78.3	78.3	75.4	78.3	75.4	72.5	75.4	75.4	69.6
87.5°	31.9	34.8	29.0	29.0	29.0	29.0	26.1	29.0	29.0	29.0	26.1
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°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2107.7	2107.7	2107.7	2107.7	2104.8	2107.7	2107.7	2110.6	2107.7	2107.7
5°	2099.0	2096.1	2099.0	2096.1	2096.1	2099.0	2099.0	2101.9	2101.9	2104.8	2104.8
7.5°	2081.6	2081.6	2081.6	2081.6	2081.6	2084.5	2084.5	2087.4	2090.3	2090.3	2093.2
10°	2061.3	2061.3	2064.2	2061.3	2064.2	2067.1	2070.0	2072.9	2075.8	2078.7	2078.7
12.5°	2035.2	2035.2	2035.2	2041.0	2041.0	2043.9	2046.8	2052.6	2055.5	2061.3	2061.3
15°	2000.4	2000.4	2006.2	2006.2	2009.1	2014.9	2020.7	2023.6	2029.4	2035.2	2038.1
17.5°	1962.7	1962.7	1968.5	1968.5	1971.4	1980.1	1985.9	1988.8	2000.4	2006.2	2012.0
20°	1919.2	1919.2	1927.9	1925.0	1930.8	1939.5	1945.3	1954.0	1962.7	1971.4	1977.2
22.5°	1867.1	1870.0	1878.7	1878.7	1881.5	1893.1	1901.8	1910.5	1919.2	1930.8	1939.5
25°	1812.0	1814.9	1823.6	1826.5	1829.4	1841.0	1852.6	1858.4	1872.9	1887.3	1893.1
27.5°	1751.1	1756.9	1762.7	1765.6	1771.4	1785.9	1797.5	1809.1	1820.7	1835.2	1846.8
30°	1690.2	1696.0	1701.8	1704.7	1710.5	1725.0	1736.6	1751.1	1765.6	1780.1	1791.7
32.5°	1620.6	1629.3	1635.1	1640.9	1643.8	1661.2	1675.7	1690.2	1704.7	1722.1	1736.6
35°	1553.9	1562.6	1568.4	1571.3	1577.1	1594.5	1606.1	1620.6	1640.9	1658.3	1672.8
37.5°	1481.5	1487.3	1498.9	1498.9	1504.7	1525.0	1539.4	1553.9	1574.2	1591.6	1609.0
40°	1409.0	1411.9	1423.5	1426.4	1432.2	1452.5	1467.0	1487.3	1501.8	1522.1	1539.4
42.5°	1330.7	1339.4	1351.0	1356.8	1362.6	1374.2	1385.8	1409.0	1423.5	1446.7	1464.1
45°	1252.4	1261.1	1266.9	1269.8	1284.3	1295.9	1307.5	1330.7	1348.1	1368.4	1388.7
47.5°	1174.2	1180.0	1188.7	1200.2	1206.0	1217.6	1226.3	1249.5	1266.9	1290.1	1307.5
50°	1093.0	1101.7	1107.5	1110.4	1122.0	1136.5	1148.1	1168.4	1182.9	1206.0	1226.3
52.5°	1011.8	1023.4	1023.4	1035.0	1040.8	1046.6	1064.0	1084.3	1098.8	1119.1	1139.4
55°	933.5	939.3	948.0	950.9	959.6	965.4	977.0	997.3	1014.7	1035.0	1055.3
57.5°	846.6	852.4	858.1	869.7	875.5	887.1	898.7	913.2	927.7	948.0	962.5
60°	762.5	771.2	777.0	785.7	785.7	800.2	814.7	829.2	840.8	861.0	875.5
62.5°	687.1	687.1	687.1	698.7	695.8	707.4	719.0	736.4	748.0	774.1	791.5
65°	605.9	608.8	608.8	617.5	614.6	626.2	634.9	652.3	663.9	678.4	695.8
67.5°	527.6	527.6	530.5	539.2	536.3	545.0	559.5	568.2	576.9	594.3	608.8
70°	446.5	449.4	452.3	461.0	458.1	469.7	478.4	484.2	495.8	507.4	518.9
72.5°	376.9	376.9	385.6	385.6	382.7	391.4	400.1	405.9	411.7	426.2	440.7
75°	310.2	307.3	313.1	313.1	310.2	313.1	318.9	327.6	333.4	345.0	356.6
77.5°	243.5	240.6	246.4	246.4	246.4	243.5	252.2	255.1	258.0	263.8	275.4
80°	179.7	176.8	182.6	182.6	176.8	179.7	185.5	188.4	188.4	194.2	202.9
82.5°	124.7	121.8	124.7	124.7	124.7	124.7	127.6	124.7	127.6	127.6	136.3
85°	75.4	72.5	75.4	72.5	72.5	69.6	75.4	72.5	72.5	75.4	75.4
87.5°	26.1	26.1	29.0	29.0	26.1	29.0	26.1	26.1	26.1	29.0	26.1
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: P572005

CATALOG NUMBER: 22ID-55-L850-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2113.5	2113.5	2110.6	2113.5	2110.6
5°	2104.8	2104.8	2107.7	2107.7	2107.7	2107.7	2107.7	2110.6	2110.6	2110.6	2107.7
7.5°	2096.1	2096.1	2096.1	2096.1	2099.0	2101.9	2101.9	2101.9	2104.8	2101.9	2101.9
10°	2081.6	2087.4	2087.4	2090.3	2090.3	2093.2	2096.1	2096.1	2096.1	2096.1	2096.1
12.5°	2067.1	2070.0	2072.9	2075.8	2078.7	2078.7	2084.5	2084.5	2084.5	2084.5	2081.6
15°	2043.9	2049.7	2052.6	2055.5	2061.3	2061.3	2067.1	2064.2	2070.0	2067.1	2064.2
17.5°	2017.8	2023.6	2029.4	2029.4	2038.1	2041.0	2046.8	2049.7	2049.7	2046.8	2041.0
20°	1985.9	1994.6	1997.5	2003.3	2009.1	2014.9	2017.8	2020.7	2023.6	2020.7	2017.8
22.5°	1948.2	1959.8	1962.7	1968.5	1977.2	1983.0	1985.9	1988.8	1991.7	1991.7	1985.9
25°	1907.6	1922.1	1922.1	1930.8	1939.5	1948.2	1954.0	1954.0	1959.8	1954.0	1954.0
27.5°	1858.4	1875.8	1884.4	1887.3	1898.9	1907.6	1913.4	1919.2	1919.2	1913.4	1913.4
30°	1809.1	1826.5	1835.2	1838.1	1852.6	1861.3	1867.1	1872.9	1872.9	1872.9	1867.1
32.5°	1754.0	1774.3	1783.0	1785.9	1803.3	1812.0	1820.7	1826.5	1826.5	1823.6	1814.9
35°	1696.0	1710.5	1725.0	1730.8	1745.3	1754.0	1768.5	1774.3	1771.4	1771.4	1762.7
37.5°	1629.3	1652.5	1661.2	1667.0	1684.4	1696.0	1710.5	1716.3	1716.3	1713.4	1707.6
40°	1559.7	1585.8	1594.5	1603.2	1620.6	1635.1	1643.8	1652.5	1652.5	1652.5	1646.7
42.5°	1490.2	1510.5	1522.1	1530.8	1551.0	1559.7	1574.2	1585.8	1585.8	1582.9	1574.2
45°	1411.9	1435.1	1446.7	1455.4	1475.7	1493.1	1501.8	1513.4	1510.5	1510.5	1498.9
47.5°	1333.6	1356.8	1368.4	1377.1	1397.4	1417.7	1423.5	1435.1	1435.1	1435.1	1423.5
50°	1252.4	1275.6	1284.3	1293.0	1316.2	1327.8	1342.3	1353.9	1353.9	1356.8	1345.2
52.5°	1168.4	1185.8	1200.2	1206.0	1229.2	1243.7	1255.3	1269.8	1269.8	1264.0	1264.0
55°	1078.5	1098.8	1113.3	1119.1	1136.5	1159.7	1168.4	1180.0	1180.0	1180.0	1174.2
57.5°	988.6	1011.8	1023.4	1029.2	1049.5	1066.9	1078.5	1090.1	1093.0	1093.0	1081.4
60°	895.8	919.0	930.6	936.4	959.6	974.1	985.7	997.3	1000.2	1003.1	991.5
62.5°	808.9	829.2	840.8	846.6	863.9	875.5	890.0	904.5	907.4	907.4	901.6
65°	713.2	733.5	742.2	748.0	762.5	782.8	800.2	811.8	814.7	811.8	811.8
67.5°	623.3	640.7	652.3	655.2	669.7	690.0	698.7	710.3	713.2	713.2	710.3
70°	533.4	553.7	562.4	568.2	579.8	597.2	605.9	617.5	620.4	623.3	617.5
72.5°	449.4	463.9	472.6	478.4	492.9	507.4	513.1	524.7	530.5	530.5	524.7
75°	365.3	379.8	385.6	391.4	403.0	417.5	423.3	434.9	440.7	437.8	437.8
77.5°	284.1	295.7	301.5	304.4	313.1	330.5	333.4	345.0	345.0	347.9	347.9
80°	208.7	217.4	223.2	226.1	231.9	243.5	249.3	258.0	263.8	260.9	260.9
82.5°	139.2	145.0	150.8	156.6	156.6	168.2	168.2	176.8	176.8	182.6	179.7
85°	78.3	81.2	84.1	87.0	87.0	95.7	95.7	101.5	107.3	101.5	101.5
87.5°	26.1	29.0	29.0	31.9	29.0	34.8	31.9	37.7	40.6	40.6	37.7
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: P572005

CATALOG NUMBER: 22ID-55-L850-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
5°	2107.7	2107.7	2104.8	2107.7	2107.7	2107.7	2107.7	2104.8	2104.8	2104.8	2104.8
7.5°	2101.9	2099.0	2099.0	2099.0	2096.1	2096.1	2096.1	2096.1	2093.2	2093.2	2093.2
10°	2093.2	2090.3	2090.3	2090.3	2087.4	2087.4	2084.5	2081.6	2081.6	2078.7	2075.8
12.5°	2081.6	2078.7	2075.8	2075.8	2072.9	2070.0	2067.1	2064.2	2061.3	2055.5	2055.5
15°	2061.3	2061.3	2058.4	2055.5	2049.7	2049.7	2043.9	2041.0	2035.2	2029.4	2029.4
17.5°	2041.0	2038.1	2035.2	2029.4	2023.6	2020.7	2014.9	2009.1	2003.3	1997.5	1994.6
20°	2014.9	2006.2	2009.1	2000.4	1994.6	1988.8	1980.1	1974.3	1965.6	1959.8	1954.0
22.5°	1980.1	1977.2	1974.3	1965.6	1956.9	1954.0	1939.5	1930.8	1922.1	1913.4	1907.6
25°	1942.4	1939.5	1936.6	1927.9	1916.3	1910.5	1896.0	1887.3	1872.9	1867.1	1861.3
27.5°	1898.9	1898.9	1893.1	1881.5	1872.9	1858.4	1849.7	1832.3	1820.7	1812.0	1806.2
30°	1852.6	1852.6	1846.8	1832.3	1820.7	1806.2	1797.5	1780.1	1765.6	1756.9	1745.3
32.5°	1806.2	1803.3	1797.5	1783.0	1768.5	1754.0	1736.6	1722.1	1704.7	1696.0	1684.4
35°	1751.1	1748.2	1742.4	1725.0	1713.4	1696.0	1675.7	1658.3	1640.9	1632.2	1614.8
37.5°	1693.1	1687.3	1681.5	1661.2	1646.7	1629.3	1614.8	1591.6	1574.2	1562.6	1553.9
40°	1629.3	1626.4	1617.7	1600.3	1580.0	1562.6	1542.3	1525.0	1507.6	1493.1	1481.5
42.5°	1565.5	1553.9	1548.1	1530.8	1516.3	1490.2	1475.7	1452.5	1435.1	1423.5	1406.1
45°	1493.1	1484.4	1475.7	1458.3	1438.0	1417.7	1403.2	1377.1	1359.7	1345.2	1330.7
47.5°	1411.9	1409.0	1400.3	1380.0	1362.6	1342.3	1324.9	1298.8	1281.4	1269.8	1255.3
50°	1330.7	1327.8	1322.0	1301.7	1278.5	1261.1	1246.6	1220.5	1203.1	1185.8	1177.1
52.5°	1255.3	1243.7	1237.9	1220.5	1197.3	1177.1	1165.5	1139.4	1122.0	1104.6	1093.0
55°	1168.4	1159.7	1153.9	1139.4	1119.1	1093.0	1081.4	1058.2	1043.7	1032.1	1014.7
57.5°	1081.4	1069.8	1064.0	1046.6	1032.1	1011.8	997.3	974.1	959.6	948.0	936.4
60°	982.8	982.8	977.0	959.6	945.1	924.8	913.2	890.0	875.5	866.8	852.4
62.5°	901.6	890.0	887.1	866.8	858.1	837.9	829.2	808.9	800.2	785.7	771.2
65°	800.2	800.2	797.3	785.7	774.1	748.0	736.4	719.0	710.3	698.7	687.1
67.5°	710.3	701.6	701.6	690.0	675.5	661.0	652.3	634.9	629.1	614.6	605.9
70°	620.4	611.7	611.7	597.2	588.5	574.0	568.2	553.7	542.1	536.3	527.6
72.5°	530.5	524.7	521.8	510.3	504.5	490.0	487.1	472.6	461.0	458.1	449.4
75°	440.7	434.9	426.2	429.1	417.5	405.9	403.0	394.3	388.5	379.8	371.1
77.5°	350.8	345.0	345.0	339.2	333.4	324.7	321.8	316.0	307.3	301.5	295.7
80°	266.7	260.9	260.9	258.0	249.3	243.5	243.5	234.8	234.8	229.0	226.1
82.5°	182.6	179.7	176.8	179.7	173.9	168.2	171.0	168.2	165.3	159.5	156.6
85°	107.3	104.4	101.5	107.3	101.5	104.4	101.5	98.6	98.6	95.7	92.8
87.5°	40.6	40.6	37.7	40.6	40.6	43.5	40.6	40.6	40.6	40.6	40.6
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: P572005

CATALOG NUMBER: 22ID-55-L850-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
5°	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2101.9	2104.8
7.5°	2093.2	2090.3	2093.2	2090.3	2090.3	2090.3	2090.3	2090.3	2090.3	2090.3	2090.3
10°	2075.8	2075.8	2075.8	2075.8	2075.8	2075.8	2075.8	2075.8	2075.8	2072.9	2072.9
12.5°	2055.5	2055.5	2052.6	2052.6	2052.6	2049.7	2049.7	2052.6	2052.6	2049.7	2052.6
15°	2026.5	2029.4	2023.6	2020.7	2020.7	2020.7	2020.7	2020.7	2020.7	2020.7	2023.6
17.5°	1994.6	1991.7	1988.8	1988.8	1985.9	1983.0	1983.0	1985.9	1985.9	1988.8	1988.8
20°	1954.0	1954.0	1948.2	1945.3	1942.4	1939.5	1939.5	1942.4	1942.4	1942.4	1948.2
22.5°	1907.6	1904.7	1898.9	1896.0	1896.0	1890.2	1893.1	1896.0	1896.0	1896.0	1898.9
25°	1855.5	1852.6	1849.7	1846.8	1841.0	1838.1	1838.1	1843.9	1843.9	1849.7	1852.6
27.5°	1800.4	1797.5	1791.7	1785.9	1783.0	1780.1	1780.1	1785.9	1785.9	1791.7	1794.6
30°	1742.4	1739.5	1730.8	1727.9	1719.2	1716.3	1719.2	1725.0	1727.9	1730.8	1733.7
32.5°	1681.5	1675.7	1667.0	1664.1	1655.4	1658.3	1652.5	1661.2	1664.1	1667.0	1669.9
35°	1614.8	1609.0	1600.3	1591.6	1588.7	1585.8	1585.8	1591.6	1591.6	1600.3	1603.2
37.5°	1542.3	1539.4	1530.8	1525.0	1519.2	1519.2	1513.4	1522.1	1525.0	1530.8	1530.8
40°	1475.7	1472.8	1458.3	1452.5	1446.7	1449.6	1440.9	1449.6	1452.5	1458.3	1461.2
42.5°	1397.4	1394.5	1382.9	1377.1	1371.3	1374.2	1365.5	1374.2	1371.3	1380.0	1382.9
45°	1322.0	1319.1	1310.4	1298.8	1293.0	1295.9	1295.9	1295.9	1293.0	1301.7	1304.6
47.5°	1246.6	1240.8	1232.1	1220.5	1214.7	1217.6	1217.6	1217.6	1214.7	1226.3	1226.3
50°	1168.4	1162.6	1153.9	1142.3	1139.4	1139.4	1139.4	1139.4	1139.4	1145.2	1148.1
52.5°	1087.2	1084.3	1075.6	1064.0	1058.2	1058.2	1058.2	1052.4	1058.2	1061.1	1064.0
55°	1006.0	1003.1	988.6	982.8	977.0	979.9	977.0	974.1	974.1	979.9	982.8
57.5°	924.8	921.9	913.2	910.3	895.8	898.7	895.8	895.8	898.7	898.7	901.6
60°	843.7	840.8	832.1	829.2	817.6	820.5	808.9	814.7	817.6	817.6	817.6
62.5°	756.7	756.7	742.2	736.4	730.6	733.5	724.8	724.8	724.8	730.6	730.6
65°	678.4	675.5	663.9	658.1	652.3	652.3	646.5	646.5	643.6	649.4	649.4
67.5°	597.2	597.2	585.6	579.8	574.0	576.9	568.2	568.2	571.1	571.1	571.1
70°	518.9	518.9	510.3	507.4	498.7	498.7	490.0	492.9	492.9	492.9	492.9
72.5°	443.6	443.6	434.9	432.0	423.3	423.3	414.6	417.5	417.5	414.6	414.6
75°	368.2	371.1	356.6	353.7	347.9	350.8	345.0	342.1	345.0	339.2	339.2
77.5°	292.8	292.8	289.9	287.0	278.3	278.3	275.4	269.6	272.5	266.7	266.7
80°	220.3	223.2	214.5	217.4	208.7	211.6	208.7	202.9	202.9	200.0	197.1
82.5°	153.7	153.7	150.8	153.7	150.8	147.9	145.0	142.1	142.1	136.3	136.3
85°	92.8	95.7	89.9	92.8	92.8	89.9	84.1	84.1	84.1	81.2	81.2
87.5°	37.7	43.5	40.6	40.6	40.6	40.6	37.7	40.6	37.7	34.8	34.8
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: P572005

CATALOG NUMBER: 22ID-55-L850-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6	2110.6
2.5°	2107.7	2110.6	2110.6	2110.6	2110.6	2107.7	2107.7	2107.7	2107.7	2107.7	2110.6
5°	2101.9	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8	2104.8
7.5°	2090.3	2090.3	2093.2	2093.2	2093.2	2093.2	2096.1	2093.2	2096.1	2093.2	2096.1
10°	2072.9	2075.8	2078.7	2078.7	2081.6	2078.7	2081.6	2081.6	2084.5	2084.5	2084.5
12.5°	2052.6	2055.5	2055.5	2061.3	2061.3	2061.3	2064.2	2064.2	2067.1	2070.0	2070.0
15°	2023.6	2026.5	2029.4	2029.4	2035.2	2041.0	2041.0	2043.9	2046.8	2049.7	2049.7
17.5°	1988.8	1991.7	1994.6	2000.4	2006.2	2012.0	2014.9	2014.9	2020.7	2023.6	2023.6
20°	1948.2	1954.0	1959.8	1965.6	1968.5	1977.2	1980.1	1983.0	1988.8	1994.6	1994.6
22.5°	1904.7	1907.6	1916.3	1922.1	1927.9	1936.6	1939.5	1948.2	1954.0	1956.9	1959.8
25°	1852.6	1858.4	1867.1	1872.9	1878.7	1890.2	1898.9	1904.7	1913.4	1919.2	1919.2
27.5°	1794.6	1803.3	1812.0	1817.8	1826.5	1841.0	1849.7	1855.5	1867.1	1872.9	1875.8
30°	1736.6	1742.4	1754.0	1762.7	1771.4	1785.9	1797.5	1806.2	1817.8	1823.6	1826.5
32.5°	1672.8	1681.5	1693.1	1701.8	1713.4	1727.9	1739.5	1748.2	1765.6	1768.5	1771.4
35°	1606.1	1614.8	1623.5	1638.0	1649.6	1664.1	1678.6	1690.2	1698.9	1710.5	1713.4
37.5°	1536.6	1545.2	1556.8	1568.4	1580.0	1597.4	1611.9	1620.6	1635.1	1643.8	1649.6
40°	1464.1	1472.8	1487.3	1501.8	1510.5	1527.9	1542.3	1553.9	1574.2	1580.0	1580.0
42.5°	1385.8	1397.4	1406.1	1423.5	1432.2	1452.5	1467.0	1484.4	1496.0	1504.7	1507.6
45°	1310.4	1319.1	1336.5	1348.1	1356.8	1377.1	1391.6	1406.1	1420.6	1426.4	1432.2
47.5°	1229.2	1240.8	1255.3	1261.1	1275.6	1295.9	1310.4	1324.9	1342.3	1348.1	1351.0
50°	1151.0	1159.7	1168.4	1180.0	1191.6	1211.8	1229.2	1243.7	1258.2	1264.0	1266.9
52.5°	1069.8	1078.5	1087.2	1101.7	1107.5	1127.8	1136.5	1151.0	1171.3	1177.1	1180.0
55°	985.7	997.3	1008.9	1017.6	1023.4	1040.8	1052.4	1069.8	1081.4	1087.2	1093.0
57.5°	901.6	910.3	921.9	933.5	936.4	953.8	968.3	977.0	991.5	997.3	1003.1
60°	820.5	829.2	837.9	840.8	849.5	866.8	881.3	887.1	901.6	907.4	910.3
62.5°	733.5	736.4	748.0	756.7	756.7	779.9	788.6	800.2	811.8	814.7	820.5
65°	652.3	658.1	658.1	663.9	672.6	687.1	692.9	707.4	716.1	719.0	721.9
67.5°	571.1	576.9	582.7	588.5	588.5	603.0	605.9	617.5	626.2	629.1	632.0
70°	492.9	492.9	501.6	507.4	504.5	516.0	521.8	527.6	539.2	542.1	545.0
72.5°	417.5	414.6	420.4	426.2	432.0	434.9	440.7	443.6	452.3	458.1	461.0
75°	342.1	345.0	345.0	347.9	345.0	347.9	356.6	365.3	371.1	374.0	379.8
77.5°	266.7	269.6	269.6	272.5	275.4	275.4	278.3	289.9	295.7	298.6	295.7
80°	197.1	200.0	200.0	202.9	205.8	208.7	208.7	214.5	223.2	226.1	226.1
82.5°	139.2	139.2	139.2	139.2	142.1	142.1	145.0	150.8	156.6	156.6	162.4
85°	84.1	84.1	81.2	84.1	81.2	84.1	87.0	92.8	95.7	95.7	98.6
87.5°	37.7	34.8	37.7	37.7	34.8	34.8	34.8	37.7	37.7	40.6	40.6
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: P572005

CATALOG NUMBER: 22ID-55-L850-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2110.6	2110.6	2110.6	2110.6
2.5°	2110.6	2110.6	2110.6	2110.6
5°	2104.8	2104.8	2104.8	2104.8
7.5°	2096.1	2096.1	2096.1	2096.1
10°	2084.5	2087.4	2087.4	2087.4
12.5°	2070.0	2070.0	2072.9	2072.9
15°	2052.6	2052.6	2052.6	2055.5
17.5°	2026.5	2029.4	2029.4	2029.4
20°	1997.5	2000.4	2000.4	1997.5
22.5°	1959.8	1962.7	1965.6	1965.6
25°	1922.1	1927.9	1930.8	1930.8
27.5°	1878.7	1884.4	1887.3	1887.3
30°	1832.3	1838.1	1838.1	1838.1
32.5°	1777.2	1785.9	1788.8	1788.8
35°	1719.2	1730.8	1733.7	1733.7
37.5°	1658.3	1664.1	1672.8	1672.8
40°	1591.6	1597.4	1606.1	1606.1
42.5°	1519.2	1530.8	1530.8	1536.6
45°	1440.9	1452.5	1455.4	1461.2
47.5°	1362.6	1374.2	1377.1	1380.0
50°	1278.5	1287.2	1295.9	1295.9
52.5°	1194.5	1200.2	1206.0	1211.8
55°	1104.6	1113.3	1116.2	1122.0
57.5°	1011.8	1023.4	1026.3	1032.1
60°	921.9	930.6	936.4	939.3
62.5°	832.1	837.9	840.8	846.6
65°	733.5	742.2	742.2	748.0
67.5°	643.6	649.4	652.3	655.2
70°	547.9	559.5	562.4	568.2
72.5°	463.9	475.5	475.5	481.3
75°	388.5	391.4	391.4	397.2
77.5°	307.3	310.2	313.1	316.0
80°	231.9	234.8	234.8	240.6
82.5°	165.3	165.3	165.3	168.2
85°	101.5	98.6	95.7	98.6
87.5°	40.6	40.6	43.5	37.7
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P572005
CATALOG NUMBER: 22ID-55-L850-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	17.95	19.57	18.31	19.89	20.20	16.83	18.46	17.20	18.77	19.09
	3H	19.70	21.17	20.08	21.50	21.86	18.45	19.92	18.83	20.25	20.61
	4H	20.36	21.74	20.76	22.09	22.47	19.04	20.43	19.44	20.77	21.15
	6H	20.85	22.13	21.26	22.50	22.89	19.47	20.76	19.89	21.12	21.51
	8H	21.01	22.23	21.43	22.62	23.02	19.61	20.83	20.03	21.22	21.62
	12H	21.11	22.28	21.54	22.66	23.09	19.69	20.86	20.12	21.24	21.67
4H	2H	18.43	19.82	18.83	20.16	20.54	17.53	18.91	17.93	19.26	19.64
	3H	20.41	21.57	20.82	21.97	22.37	19.36	20.52	19.76	20.91	21.31
	4H	21.20	22.25	21.63	22.67	23.10	20.06	21.11	20.49	21.52	21.96
	6H	21.84	22.75	22.29	23.19	23.65	20.61	21.52	21.06	21.96	22.42
	8H	22.05	22.91	22.51	23.35	23.81	20.78	21.64	21.24	22.08	22.54
	12H	22.19	22.96	22.67	23.44	23.91	20.89	21.67	21.37	22.14	22.61
8H	4H	21.44	22.30	21.90	22.74	23.20	20.41	21.27	20.87	21.71	22.17
	6H	22.18	22.89	22.67	23.38	23.86	21.06	21.77	21.56	22.26	22.74
	8H	22.47	23.11	22.98	23.61	24.10	21.30	21.94	21.81	22.44	22.93
	12H	22.69	23.26	23.20	23.75	24.31	21.47	22.04	21.98	22.53	23.09
12H	4H	21.46	22.23	21.94	22.70	23.17	20.45	21.22	20.93	21.70	22.17
	6H	22.21	22.86	22.72	23.36	23.85	21.13	21.77	21.64	22.27	22.76
	8H	22.55	23.12	23.06	23.61	24.17	21.42	21.98	21.92	22.47	23.03