

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: P935920

Luminaire Tested: SQ4-FA-150U-075D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935920
REPORT IS A COMBINATION OF REPORTS P933776 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

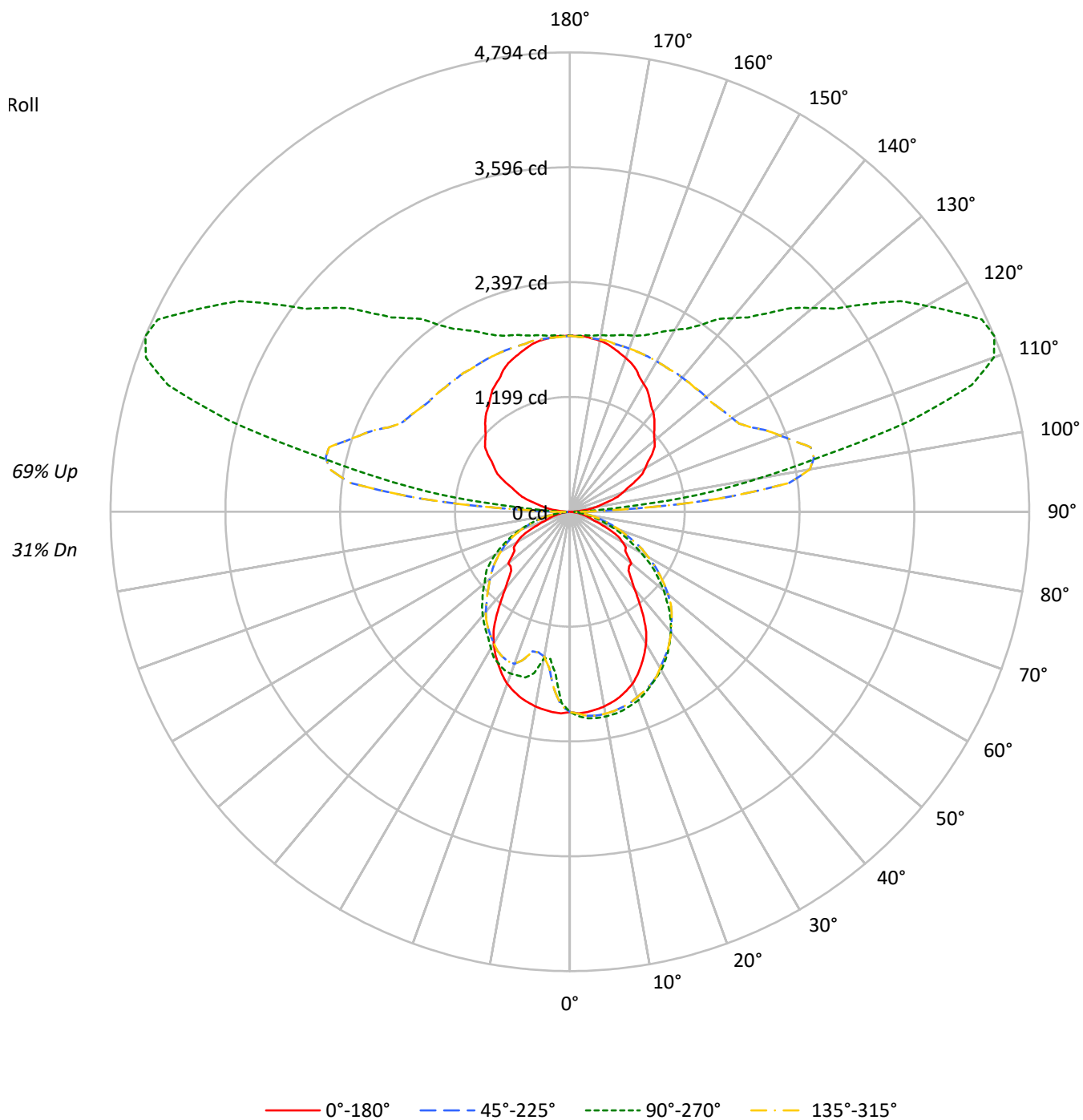
Lumens per Lamp: N/A
Luminaire Lumens: 17326.6 lumens
Efficiency: N/A
Efficacy: 136.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 127.2
Input Voltage (V): NR
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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9690	9690	9690	9690
5°	9762	9782	9762	7691
10°	9697	9635	9697	6889
15°	9592	9427	9592	7872
20°	9391	9179	9391	7888
25°	8981	8818	8981	7720
30°	8450	8519	8450	7354
35°	7533	8140	7533	6950
40°	6277	7694	6277	6645
45°	5609	7172	5609	6295
50°	5958	6550	5958	5944
55°	5606	5879	5606	5740
60°	5779	4994	5779	5258
65°	5239	4128	5239	4614
70°	3628	3290	3628	3868
75°	3181	2432	3181	2912
80°	2565	1607	2565	1750
85°	1472	851	1472	724

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8596 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.5	1.1
10°-20°	535.3	3.1
20°-30°	827.4	4.8
30°-40°	987.8	5.7
40°-50°	993.6	5.7
50°-60°	864.6	5.0
60°-70°	613.0	3.5
70°-80°	324.3	1.9
80°-90°	87.8	0.5
90°-100°	895.1	5.2
100°-110°	2353.4	13.6
110°-120°	2440.2	14.1
120°-130°	1957.3	11.3
130°-140°	1535.8	8.9
140°-150°	1178.8	6.8
150°-160°	848.9	4.9
160°-170°	519.4	3.0
170°-180°	175.5	1.0
0°-30°	1551.2	9.0
0°-40°	2539.0	14.7
0°-60°	4397.2	25.4
0°-90°	5422.3	31.3
90°-120°	5688.7	32.8
90°-150°	10360.5	59.8
90°-180°	11904.0	68.7
0°-180°	17326.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2088	2088	2088	2088	2088	
5°	2098	2164	2098	1701	2098	199
15°	2004	2144	2004	1790	2004	564
25°	1764	2000	1764	1751	1764	810
35°	1342	1784	1342	1523	1342	830
45°	866	1470	866	1290	866	693
55°	705	1085	705	1059	705	648
65°	490	654	490	731	490	468
75°	186	310	186	372	186	195
85°	32	79	32	67	32	43
90°	12	47	12	47	12	12
95°	118	541	118	541	118	131
105°	424	3685	424	3685	424	449
115°	753	4745	753	4745	753	744
125°	1048	3779	1048	3779	1048	930
135°	1248	2932	1248	2932	1248	966
145°	1448	2379	1448	2379	1448	907
155°	1637	2048	1637	2048	1637	752
165°	1766	1908	1766	1908	1766	498
175°	1836	1849	1836	1849	1836	174
180°	1836	1836	1836	1836	1836	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2106.3	2106.3	2118.2	2122.1	2122.1	2116.2	2110.3	2116.2	2134.0	2139.9	2137.9
5°	2098.4	2114.2	2136.0	2139.9	2143.9	2141.9	2137.9	2141.9	2161.6	2165.6	2167.6
7.5°	2082.6	2112.2	2139.9	2145.8	2151.8	2145.8	2143.9	2147.8	2167.6	2171.5	2171.5
10°	2062.8	2104.3	2136.0	2139.9	2145.8	2139.9	2139.9	2147.8	2167.6	2171.5	2173.5
12.5°	2035.2	2092.5	2122.1	2126.1	2134.0	2132.0	2130.0	2137.9	2157.7	2161.6	2161.6
15°	2003.6	2070.7	2098.4	2102.4	2116.2	2112.2	2112.2	2120.1	2141.9	2147.8	2145.8
17.5°	1960.1	2043.1	2074.7	2080.6	2090.5	2088.5	2090.5	2098.4	2118.2	2122.1	2124.1
20°	1910.7	2005.5	2043.1	2049.0	2058.9	2058.9	2058.9	2068.8	2088.5	2096.4	2096.4
22.5°	1843.5	1966.0	2005.5	2009.5	2021.3	2021.3	2025.3	2039.1	2056.9	2058.9	2058.9
25°	1764.5	1922.5	1956.1	1968.0	1979.9	1985.8	1991.7	1999.6	2005.5	2003.6	2005.5
27.5°	1681.5	1867.2	1910.7	1918.6	1934.4	1940.3	1948.2	1950.2	1952.2	1958.1	1954.2
30°	1588.6	1790.2	1855.4	1863.3	1889.0	1892.9	1885.0	1889.0	1898.8	1902.8	1906.7
32.5°	1483.9	1675.5	1798.1	1815.8	1839.6	1827.7	1825.7	1831.7	1847.5	1847.5	1851.4
35°	1341.6	1586.6	1744.7	1760.5	1778.3	1764.5	1772.4	1774.3	1784.2	1790.2	1788.2
37.5°	1185.5	1509.6	1689.4	1701.2	1715.1	1697.3	1709.1	1715.1	1723.0	1719.0	1719.0
40°	1047.3	1389.0	1624.2	1632.1	1643.9	1630.1	1642.0	1645.9	1649.9	1645.9	1643.9
42.5°	944.5	1256.6	1555.0	1564.9	1557.0	1566.9	1570.8	1578.7	1572.8	1564.9	1564.9
45°	865.5	1221.1	1479.9	1491.8	1479.9	1495.7	1501.7	1501.7	1483.9	1479.9	1477.9
47.5°	839.8	1150.0	1404.8	1404.8	1398.9	1418.7	1428.5	1414.7	1396.9	1391.0	1391.0
50°	837.8	1071.0	1302.1	1294.2	1321.8	1345.6	1335.7	1321.8	1308.0	1286.3	1286.3
52.5°	760.8	974.2	1169.8	1199.3	1242.8	1256.6	1240.8	1227.0	1203.3	1193.4	1185.5
55°	705.4	873.4	1049.3	1108.5	1154.0	1171.8	1142.1	1128.3	1092.7	1086.8	1082.8
57.5°	693.6	727.2	938.6	1013.7	1069.0	1067.0	1049.3	1023.6	993.9	988.0	986.0
60°	636.3	525.6	820.0	909.0	966.3	960.3	944.5	920.8	893.2	889.2	885.2
62.5°	577.0	381.4	685.7	786.4	867.5	865.5	851.7	816.1	796.3	786.4	778.5
65°	490.0	320.1	488.1	654.1	770.6	774.6	745.0	719.3	697.5	685.7	683.7
67.5°	373.5	260.8	330.0	545.4	677.8	673.8	636.3	624.4	596.8	590.8	579.0
70°	276.6	173.9	229.2	442.6	586.9	577.0	547.4	533.5	507.8	494.0	486.1
72.5°	229.2	140.3	168.0	343.8	494.0	482.1	456.5	440.6	418.9	407.1	399.2
75°	185.7	148.2	128.4	254.9	401.1	393.2	369.5	353.7	335.9	320.1	322.1
77.5°	136.3	138.3	102.8	187.7	318.1	306.3	292.4	272.7	264.8	249.0	249.0
80°	102.8	108.7	77.1	128.4	229.2	229.2	217.4	203.5	189.7	181.8	181.8
82.5°	69.2	69.2	57.3	81.0	156.1	150.2	142.3	138.3	130.4	126.5	126.5
85°	31.6	39.5	35.6	49.4	85.0	88.9	88.9	85.0	83.0	79.0	81.0
87.5°	9.9	17.8	21.7	27.7	43.5	45.4	47.4	47.4	47.4	49.4	49.4
90°	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4	46.8	46.8
92.5°	49.3	133.1	217.0	237.9	334.4	463.2	527.5	462.3	332.0	234.2	224.9
95°	118.4	271.7	425.0	463.4	822.8	1302.1	1541.8	1375.8	1043.9	794.9	766.7
97.5°	204.6	339.9	475.2	509.0	1108.4	1907.6	2307.2	2202.3	1992.5	1835.1	1781.5
100°	271.1	393.8	516.5	547.3	1212.4	2099.1	2542.5	2550.2	2565.5	2577.0	2513.1
102.5°	327.8	442.3	556.7	585.4	1260.0	2159.4	2609.1	2742.8	3010.0	3210.5	3155.8
105°	424.0	520.9	617.9	642.1	1295.3	2166.2	2601.7	2901.4	3500.6	3950.0	3920.6
107.5°	522.6	613.0	703.3	725.9	1301.9	2069.9	2453.8	2871.7	3707.7	4334.6	4341.7
110°	589.1	670.8	752.4	772.7	1292.0	1984.4	2330.6	2797.8	3732.3	4433.2	4463.8

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	654.5	732.2	810.0	829.4	1292.4	1909.7	2218.4	2696.5	3652.9	4370.2	4417.3
115°	753.1	824.8	896.5	914.5	1304.4	1824.1	2084.1	2544.7	3466.0	4157.0	4222.3
117.5°	850.4	915.6	980.8	997.1	1328.6	1770.6	1991.6	2407.4	3238.9	3862.5	3934.9
120°	907.1	968.4	1029.8	1045.1	1348.3	1752.5	1954.7	2334.5	3094.3	3664.1	3734.4
122.5°	962.5	1024.5	1086.3	1101.8	1376.7	1743.1	1926.3	2268.3	2952.5	3465.6	3535.1
125°	1047.6	1104.0	1160.4	1174.5	1414.8	1735.2	1895.5	2186.0	2767.2	3203.1	3267.0
127.5°	1116.6	1173.5	1230.6	1244.8	1453.1	1730.8	1869.6	2119.1	2618.1	2992.4	3046.3
130°	1153.6	1214.9	1276.3	1291.6	1481.0	1733.4	1859.7	2081.8	2526.1	2859.3	2909.2
132.5°	1191.8	1253.2	1314.5	1329.8	1503.6	1735.3	1851.1	2049.9	2447.6	2745.8	2790.5
135°	1248.4	1304.4	1360.3	1374.2	1528.2	1733.6	1836.3	2002.9	2335.9	2585.7	2624.1
137.5°	1306.4	1361.8	1417.0	1430.8	1565.2	1744.3	1833.9	1974.7	2256.2	2467.3	2498.8
140°	1354.4	1405.4	1456.3	1469.1	1587.8	1746.1	1825.2	1946.9	2190.1	2372.5	2401.9
142.5°	1391.4	1438.5	1485.7	1497.4	1606.7	1752.4	1825.2	1932.0	2145.6	2305.9	2331.2
145°	1448.1	1489.2	1530.3	1540.6	1631.4	1752.4	1812.9	1900.2	2075.0	2206.1	2225.3
147.5°	1504.8	1544.8	1584.9	1594.8	1667.5	1764.5	1812.9	1881.6	2019.1	2122.2	2138.1
150°	1541.8	1577.9	1614.1	1623.1	1686.3	1770.7	1812.9	1871.0	1987.1	2074.2	2087.1
152.5°	1580.0	1607.4	1634.8	1641.7	1698.8	1774.8	1812.9	1862.5	1961.6	2036.0	2045.7
155°	1636.7	1657.0	1677.2	1682.3	1725.8	1783.8	1812.9	1852.3	1931.2	1990.4	1996.8
157.5°	1678.6	1698.4	1718.0	1723.0	1752.9	1792.9	1812.9	1843.6	1905.0	1951.0	1955.5
160°	1707.0	1722.3	1737.6	1741.4	1765.3	1797.0	1812.9	1839.2	1891.8	1931.2	1933.8
162.5°	1735.3	1746.8	1758.3	1761.2	1778.4	1801.4	1812.9	1835.1	1879.5	1912.8	1915.2
165°	1766.0	1776.4	1786.9	1789.5	1797.3	1807.6	1812.9	1828.8	1860.6	1884.4	1887.0
167.5°	1794.4	1799.3	1804.3	1805.6	1812.1	1820.9	1825.2	1835.6	1856.5	1872.1	1873.1
170°	1812.9	1817.8	1822.8	1824.0	1824.4	1824.9	1825.2	1835.6	1856.5	1872.1	1872.1
172.5°	1822.8	1823.8	1824.9	1825.2	1825.2	1825.2	1825.2	1833.4	1849.8	1862.2	1861.2
175°	1836.3	1836.3	1836.3	1836.3	1832.6	1827.7	1825.2	1830.5	1840.8	1848.6	1848.6
177.5°	1836.3	1836.3	1836.3	1836.3	1833.4	1829.6	1827.7	1831.9	1840.1	1846.2	1845.1
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2141.9	2136.0	2141.9	2137.9	2139.9	2134.0	2116.2	2110.3	2116.2	2122.1	2122.1
5°	2167.6	2163.6	2167.6	2167.6	2165.6	2161.6	2141.9	2137.9	2141.9	2143.9	2139.9
7.5°	2175.5	2169.5	2175.5	2171.5	2171.5	2167.6	2147.8	2143.9	2145.8	2151.8	2145.8
10°	2175.5	2169.5	2175.5	2173.5	2171.5	2167.6	2147.8	2139.9	2139.9	2145.8	2139.9
12.5°	2165.6	2161.6	2165.6	2161.6	2161.6	2157.7	2137.9	2130.0	2132.0	2134.0	2126.1
15°	2149.8	2143.9	2149.8	2145.8	2147.8	2141.9	2120.1	2112.2	2112.2	2116.2	2102.4
17.5°	2126.1	2118.2	2126.1	2124.1	2122.1	2118.2	2098.4	2090.5	2088.5	2090.5	2080.6
20°	2098.4	2092.5	2098.4	2096.4	2096.4	2088.5	2068.8	2058.9	2058.9	2058.9	2049.0
22.5°	2054.9	2049.0	2054.9	2058.9	2058.9	2056.9	2039.1	2025.3	2021.3	2021.3	2009.5
25°	2005.5	1999.6	2005.5	2005.5	2003.6	2005.5	1999.6	1991.7	1985.8	1979.9	1968.0
27.5°	1958.1	1954.2	1958.1	1954.2	1958.1	1952.2	1950.2	1948.2	1940.3	1934.4	1918.6
30°	1910.7	1906.7	1910.7	1906.7	1902.8	1898.8	1889.0	1885.0	1892.9	1889.0	1863.3
32.5°	1851.4	1847.5	1851.4	1851.4	1847.5	1847.5	1831.7	1825.7	1827.7	1839.6	1815.8
35°	1790.2	1784.2	1790.2	1788.2	1790.2	1784.2	1774.3	1772.4	1764.5	1778.3	1760.5
37.5°	1719.0	1713.1	1719.0	1719.0	1719.0	1723.0	1715.1	1709.1	1697.3	1715.1	1701.2
40°	1645.9	1638.0	1645.9	1643.9	1645.9	1649.9	1645.9	1642.0	1630.1	1643.9	1632.1
42.5°	1562.9	1560.9	1562.9	1564.9	1564.9	1572.8	1578.7	1570.8	1566.9	1557.0	1564.9
45°	1474.0	1470.0	1474.0	1477.9	1479.9	1483.9	1501.7	1501.7	1495.7	1479.9	1491.8
47.5°	1379.1	1369.3	1379.1	1391.0	1391.0	1396.9	1414.7	1428.5	1418.7	1398.9	1404.8
50°	1278.4	1280.3	1278.4	1286.3	1286.3	1308.0	1321.8	1335.7	1345.6	1321.8	1294.2
52.5°	1179.6	1177.7	1179.6	1185.5	1193.4	1203.3	1227.0	1240.8	1256.6	1242.8	1199.3
55°	1080.9	1084.8	1080.9	1082.8	1086.8	1092.7	1128.3	1142.1	1171.8	1154.0	1108.5
57.5°	982.1	976.1	982.1	986.0	988.0	993.9	1023.6	1049.3	1067.0	1069.0	1013.7
60°	867.5	859.6	867.5	885.2	889.2	893.2	920.8	944.5	960.3	966.3	909.0
62.5°	766.7	752.9	766.7	778.5	786.4	796.3	816.1	851.7	865.5	867.5	786.4
65°	660.0	654.1	660.0	683.7	685.7	697.5	719.3	745.0	774.6	770.6	654.1
67.5°	563.2	563.2	563.2	579.0	590.8	596.8	624.4	636.3	673.8	677.8	545.4
70°	474.2	472.3	474.2	486.1	494.0	507.8	533.5	547.4	577.0	586.9	442.6
72.5°	389.3	387.3	389.3	399.2	407.1	418.9	440.6	456.5	482.1	494.0	343.8
75°	314.2	310.2	314.2	322.1	320.1	335.9	353.7	369.5	393.2	401.1	254.9
77.5°	241.1	241.1	241.1	249.0	249.0	264.8	272.7	292.4	306.3	318.1	187.7
80°	179.8	177.8	179.8	181.8	181.8	189.7	203.5	217.4	229.2	229.2	128.4
82.5°	126.5	122.5	126.5	126.5	126.5	130.4	138.3	142.3	150.2	156.1	81.0
85°	79.0	79.0	79.0	81.0	79.0	83.0	85.0	88.9	88.9	85.0	49.4
87.5°	51.4	49.4	51.4	49.4	49.4	47.4	47.4	47.4	45.4	43.5	27.7
90°	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5	54.2	34.5
92.5°	187.6	150.4	187.6	224.9	234.2	332.0	462.3	527.5	463.2	334.4	237.9
95°	653.9	541.0	653.9	766.7	794.9	1043.9	1375.8	1541.8	1302.1	822.8	463.4
97.5°	1566.7	1352.0	1566.7	1781.5	1835.1	1992.5	2202.3	2307.2	1907.6	1108.4	509.0
100°	2257.3	2001.5	2257.3	2513.1	2577.0	2565.5	2550.2	2542.5	2099.1	1212.4	547.3
102.5°	2936.6	2717.6	2936.6	3155.8	3210.5	3010.0	2742.8	2609.1	2159.4	1260.0	585.4
105°	3802.8	3685.0	3802.8	3920.6	3950.0	3500.6	2901.4	2601.7	2166.2	1295.3	642.1
107.5°	4370.1	4398.6	4370.1	4341.7	4334.6	3707.7	2871.7	2453.8	2069.9	1301.9	725.9
110°	4586.5	4709.2	4586.5	4463.8	4433.2	3732.3	2797.8	2330.6	1984.4	1292.0	772.7

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4605.8	4794.2	4605.8	4417.3	4370.2	3652.9	2696.5	2218.4	1909.7	1292.4	829.4
115°	4483.6	4744.9	4483.6	4222.3	4157.0	3466.0	2544.7	2084.1	1824.1	1304.4	914.5
117.5°	4224.7	4514.5	4224.7	3934.9	3862.5	3238.9	2407.4	1991.6	1770.6	1328.6	997.1
120°	4016.0	4297.5	4016.0	3734.4	3664.1	3094.3	2334.5	1954.7	1752.5	1348.3	1045.1
122.5°	3812.8	4090.5	3812.8	3535.1	3465.6	2952.5	2268.3	1926.3	1743.1	1376.7	1101.8
125°	3522.9	3778.7	3522.9	3267.0	3203.1	2767.2	2186.0	1895.5	1735.2	1414.8	1174.5
127.5°	3262.2	3478.0	3262.2	3046.3	2992.4	2618.1	2119.1	1869.6	1730.8	1453.1	1244.8
130°	3108.5	3307.9	3108.5	2909.2	2859.3	2526.1	2081.8	1859.7	1733.4	1481.0	1291.6
132.5°	2969.0	3147.7	2969.0	2790.5	2745.8	2447.6	2049.9	1851.1	1735.3	1503.6	1329.8
135°	2778.1	2932.0	2778.1	2624.1	2585.7	2335.9	2002.9	1836.3	1733.6	1528.2	1374.2
137.5°	2624.8	2750.8	2624.8	2498.8	2467.3	2256.2	1974.7	1833.9	1744.3	1565.2	1430.8
140°	2519.7	2637.5	2519.7	2401.9	2372.5	2190.1	1946.9	1825.2	1746.1	1587.8	1469.1
142.5°	2432.6	2533.9	2432.6	2331.2	2305.9	2145.6	1932.0	1825.2	1752.4	1606.7	1497.4
145°	2301.9	2378.6	2301.9	2225.3	2206.1	2075.0	1900.2	1812.9	1752.4	1631.4	1540.6
147.5°	2201.7	2265.2	2201.7	2138.1	2122.2	2019.1	1881.6	1812.9	1764.5	1667.5	1594.8
150°	2138.6	2190.1	2138.6	2087.1	2074.2	1987.1	1871.0	1812.9	1770.7	1686.3	1623.1
152.5°	2084.6	2123.5	2084.6	2045.7	2036.0	1961.6	1862.5	1812.9	1774.8	1698.8	1641.7
155°	2022.6	2048.3	2022.6	1996.8	1990.4	1931.2	1852.3	1812.9	1783.8	1725.8	1682.3
157.5°	1973.5	1991.6	1973.5	1955.5	1951.0	1905.0	1843.6	1812.9	1792.9	1752.9	1723.0
160°	1944.3	1954.7	1944.3	1933.8	1931.2	1891.8	1839.2	1812.9	1797.0	1765.3	1741.4
162.5°	1925.0	1934.9	1925.0	1915.2	1912.8	1879.5	1835.1	1812.9	1801.4	1778.4	1761.2
165°	1897.5	1907.8	1897.5	1887.0	1884.4	1860.6	1828.8	1812.9	1807.6	1797.3	1789.5
167.5°	1877.6	1881.9	1877.6	1873.1	1872.1	1856.5	1835.6	1825.2	1820.9	1812.1	1805.6
170°	1872.1	1872.1	1872.1	1872.1	1872.1	1856.5	1835.6	1825.2	1824.9	1824.4	1824.0
172.5°	1857.4	1853.6	1857.4	1861.2	1862.2	1849.8	1833.4	1825.2	1825.2	1825.2	1825.2
175°	1848.6	1848.6	1848.6	1848.6	1848.6	1840.8	1830.5	1825.2	1827.7	1832.6	1836.3
177.5°	1840.6	1836.3	1840.6	1845.1	1846.2	1840.1	1831.9	1827.7	1829.6	1833.4	1836.3
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2118.2	2106.3	2106.3	2086.6	2078.7	2072.7	2062.8	2033.2	2025.3	2017.4	2029.3
5°	2136.0	2114.2	2098.4	2062.8	2033.2	2021.3	1983.8	1912.7	1865.2	1829.7	1809.9
7.5°	2139.9	2112.2	2082.6	2027.3	1956.1	1924.5	1809.9	1679.5	1643.9	1612.3	1592.6
10°	2136.0	2104.3	2062.8	1979.9	1811.9	1756.6	1642.0	1557.0	1535.3	1529.3	1535.3
12.5°	2122.1	2092.5	2035.2	1896.9	1661.7	1624.2	1557.0	1507.6	1503.6	1513.5	1566.9
15°	2098.4	2070.7	2003.6	1786.2	1578.7	1551.1	1503.6	1485.9	1507.6	1576.7	1736.8
17.5°	2074.7	2043.1	1960.1	1677.5	1515.5	1495.7	1462.1	1497.7	1620.2	1713.1	1766.4
20°	2043.1	2005.5	1910.7	1598.5	1470.0	1452.3	1436.5	1596.5	1689.4	1723.0	1752.6
22.5°	2005.5	1966.0	1843.5	1543.2	1422.6	1408.8	1418.7	1651.8	1689.4	1713.1	1738.8
25°	1956.1	1922.5	1764.5	1499.7	1385.1	1369.3	1406.8	1645.9	1667.6	1673.6	1724.9
27.5°	1910.7	1867.2	1681.5	1460.2	1339.6	1333.7	1416.7	1620.2	1636.0	1642.0	1697.3
30°	1855.4	1790.2	1588.6	1418.7	1292.2	1290.2	1418.7	1588.6	1584.7	1600.5	1655.8
32.5°	1798.1	1675.5	1483.9	1367.3	1246.8	1244.8	1404.8	1541.2	1537.2	1559.0	1600.5
35°	1744.7	1586.6	1341.6	1308.0	1189.5	1191.4	1371.2	1485.9	1487.8	1507.6	1533.3
37.5°	1689.4	1509.6	1185.5	1242.8	1134.2	1134.2	1325.8	1434.5	1430.5	1436.5	1472.0
40°	1624.2	1389.0	1047.3	1157.9	1082.8	1076.9	1270.5	1379.1	1365.3	1363.3	1412.7
42.5°	1555.0	1256.6	944.5	1045.3	1023.6	1015.7	1203.3	1312.0	1286.3	1292.2	1355.4
45°	1479.9	1221.1	865.5	883.3	962.3	956.4	1130.3	1234.9	1217.1	1232.9	1298.1
47.5°	1404.8	1150.0	839.8	733.1	897.1	895.1	1049.3	1159.9	1150.0	1165.8	1234.9
50°	1302.1	1071.0	837.8	628.4	824.0	831.9	952.4	1086.8	1086.8	1100.6	1173.7
52.5°	1169.8	974.2	760.8	569.1	739.0	762.7	867.5	1023.6	1027.5	1041.4	1106.6
55°	1049.3	873.4	705.4	523.6	638.2	689.6	784.5	958.4	966.3	980.1	1039.4
57.5°	938.6	727.2	693.6	470.3	545.4	594.8	711.4	895.1	899.1	910.9	968.2
60°	820.0	525.6	636.3	413.0	464.4	501.9	644.2	820.0	833.9	841.8	891.2
62.5°	685.7	381.4	577.0	373.5	424.8	432.7	588.8	748.9	766.7	772.6	802.3
65°	488.1	320.1	490.0	339.9	383.3	385.3	529.6	675.8	691.6	701.5	723.2
67.5°	330.0	260.8	373.5	308.3	351.7	353.7	472.3	590.8	612.6	620.5	634.3
70°	229.2	173.9	276.6	274.7	316.2	320.1	411.0	513.8	533.5	539.4	547.4
72.5°	168.0	140.3	229.2	247.0	278.6	282.6	347.8	426.8	446.6	452.5	456.5
75°	128.4	148.2	185.7	215.4	237.1	239.1	284.5	347.8	361.6	365.6	367.5
77.5°	102.8	138.3	136.3	173.9	193.6	189.7	223.3	268.7	280.6	280.6	280.6
80°	77.1	108.7	102.8	124.5	142.3	138.3	160.1	191.7	195.6	199.6	197.6
82.5°	57.3	69.2	69.2	79.0	94.8	90.9	106.7	124.5	124.5	124.5	128.4
85°	35.6	39.5	31.6	41.5	53.4	51.4	59.3	67.2	69.2	69.2	65.2
87.5°	21.7	17.8	9.9	15.8	23.7	23.7	27.7	29.6	27.7	27.7	27.7
90°	32.0	22.2	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4
92.5°	217.0	133.1	49.3	133.1	217.0	237.9	334.4	463.2	527.5	462.3	332.0
95°	425.0	271.7	118.4	271.7	425.0	463.4	822.8	1302.1	1541.8	1375.8	1043.9
97.5°	475.2	339.9	204.6	339.9	475.2	509.0	1108.4	1907.6	2307.2	2202.3	1992.5
100°	516.5	393.8	271.1	393.8	516.5	547.3	1212.4	2099.1	2542.5	2550.2	2565.5
102.5°	556.7	442.3	327.8	442.3	556.7	585.4	1260.0	2159.4	2609.1	2742.8	3010.0
105°	617.9	520.9	424.0	520.9	617.9	642.1	1295.3	2166.2	2601.7	2901.4	3500.6
107.5°	703.3	613.0	522.6	613.0	703.3	725.9	1301.9	2069.9	2453.8	2871.7	3707.7
110°	752.4	670.8	589.1	670.8	752.4	772.7	1292.0	1984.4	2330.6	2797.8	3732.3

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	810.0	732.2	654.5	732.2	810.0	829.4	1292.4	1909.7	2218.4	2696.5	3652.9
115°	896.5	824.8	753.1	824.8	896.5	914.5	1304.4	1824.1	2084.1	2544.7	3466.0
117.5°	980.8	915.6	850.4	915.6	980.8	997.1	1328.6	1770.6	1991.6	2407.4	3238.9
120°	1029.8	968.4	907.1	968.4	1029.8	1045.1	1348.3	1752.5	1954.7	2334.5	3094.3
122.5°	1086.3	1024.5	962.5	1024.5	1086.3	1101.8	1376.7	1743.1	1926.3	2268.3	2952.5
125°	1160.4	1104.0	1047.6	1104.0	1160.4	1174.5	1414.8	1735.2	1895.5	2186.0	2767.2
127.5°	1230.6	1173.5	1116.6	1173.5	1230.6	1244.8	1453.1	1730.8	1869.6	2119.1	2618.1
130°	1276.3	1214.9	1153.6	1214.9	1276.3	1291.6	1481.0	1733.4	1859.7	2081.8	2526.1
132.5°	1314.5	1253.2	1191.8	1253.2	1314.5	1329.8	1503.6	1735.3	1851.1	2049.9	2447.6
135°	1360.3	1304.4	1248.4	1304.4	1360.3	1374.2	1528.2	1733.6	1836.3	2002.9	2335.9
137.5°	1417.0	1361.8	1306.4	1361.8	1417.0	1430.8	1565.2	1744.3	1833.9	1974.7	2256.2
140°	1456.3	1405.4	1354.4	1405.4	1456.3	1469.1	1587.8	1746.1	1825.2	1946.9	2190.1
142.5°	1485.7	1438.5	1391.4	1438.5	1485.7	1497.4	1606.7	1752.4	1825.2	1932.0	2145.6
145°	1530.3	1489.2	1448.1	1489.2	1530.3	1540.6	1631.4	1752.4	1812.9	1900.2	2075.0
147.5°	1584.9	1544.8	1504.8	1544.8	1584.9	1594.8	1667.5	1764.5	1812.9	1881.6	2019.1
150°	1614.1	1577.9	1541.8	1577.9	1614.1	1623.1	1686.3	1770.7	1812.9	1871.0	1987.1
152.5°	1634.8	1607.4	1580.0	1607.4	1634.8	1641.7	1698.8	1774.8	1812.9	1862.5	1961.6
155°	1677.2	1657.0	1636.7	1657.0	1677.2	1682.3	1725.8	1783.8	1812.9	1852.3	1931.2
157.5°	1718.0	1698.4	1678.6	1698.4	1718.0	1723.0	1752.9	1792.9	1812.9	1843.6	1905.0
160°	1737.6	1722.3	1707.0	1722.3	1737.6	1741.4	1765.3	1797.0	1812.9	1839.2	1891.8
162.5°	1758.3	1746.8	1735.3	1746.8	1758.3	1761.2	1778.4	1801.4	1812.9	1835.1	1879.5
165°	1786.9	1776.4	1766.0	1776.4	1786.9	1789.5	1797.3	1807.6	1812.9	1828.8	1860.6
167.5°	1804.3	1799.3	1794.4	1799.3	1804.3	1805.6	1812.1	1820.9	1825.2	1835.6	1856.5
170°	1822.8	1817.8	1812.9	1817.8	1822.8	1824.0	1824.4	1824.9	1825.2	1835.6	1856.5
172.5°	1824.9	1823.8	1822.8	1823.8	1824.9	1825.2	1825.2	1825.2	1825.2	1833.4	1849.8
175°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1832.6	1827.7	1825.2	1830.5	1840.8
177.5°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1833.4	1829.6	1827.7	1831.9	1840.1
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3

TEST NUMBER: P935920

CATALOG NUMBER: SQ4-FA-150U-075D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2015.4	2009.5	2017.4	1995.7	2017.4	2009.5	2015.4	2029.3	2017.4	2025.3	2033.2
5°	1768.4	1758.5	1726.9	1701.2	1726.9	1758.5	1768.4	1809.9	1829.7	1865.2	1912.7
7.5°	1580.7	1572.8	1564.9	1549.1	1564.9	1572.8	1580.7	1592.6	1612.3	1643.9	1679.5
10°	1539.2	1541.2	1553.0	1551.1	1553.0	1541.2	1539.2	1535.3	1529.3	1535.3	1557.0
12.5°	1645.9	1663.7	1728.9	1724.9	1728.9	1663.7	1645.9	1566.9	1513.5	1503.6	1507.6
15°	1768.4	1774.3	1788.2	1790.2	1788.2	1774.3	1768.4	1736.8	1576.7	1507.6	1485.9
17.5°	1780.3	1782.3	1792.1	1792.1	1792.1	1782.3	1780.3	1766.4	1713.1	1620.2	1497.7
20°	1770.4	1774.3	1794.1	1798.1	1794.1	1774.3	1770.4	1752.6	1723.0	1689.4	1596.5
22.5°	1766.4	1774.3	1790.2	1788.2	1790.2	1774.3	1766.4	1738.8	1713.1	1689.4	1651.8
25°	1746.7	1746.7	1748.7	1750.6	1748.7	1746.7	1746.7	1724.9	1673.6	1667.6	1645.9
27.5°	1705.2	1709.1	1721.0	1719.0	1721.0	1709.1	1705.2	1697.3	1642.0	1636.0	1620.2
30°	1667.6	1663.7	1653.8	1645.9	1653.8	1663.7	1667.6	1655.8	1600.5	1584.7	1588.6
32.5°	1604.4	1594.5	1584.7	1578.7	1584.7	1594.5	1604.4	1600.5	1559.0	1537.2	1541.2
35°	1529.3	1531.3	1529.3	1523.4	1529.3	1531.3	1529.3	1533.3	1507.6	1487.8	1485.9
37.5°	1476.0	1479.9	1477.9	1470.0	1477.9	1479.9	1476.0	1472.0	1436.5	1430.5	1434.5
40°	1420.6	1422.6	1420.6	1414.7	1420.6	1422.6	1420.6	1412.7	1363.3	1365.3	1379.1
42.5°	1367.3	1365.3	1359.4	1355.4	1359.4	1365.3	1367.3	1355.4	1292.2	1286.3	1312.0
45°	1306.0	1308.0	1296.2	1290.2	1296.2	1308.0	1306.0	1298.1	1232.9	1217.1	1234.9
47.5°	1244.8	1244.8	1234.9	1229.0	1234.9	1244.8	1244.8	1234.9	1165.8	1150.0	1159.9
50°	1179.6	1177.7	1163.9	1161.9	1163.9	1177.7	1179.6	1173.7	1100.6	1086.8	1086.8
52.5°	1104.6	1104.6	1106.6	1110.5	1106.6	1104.6	1104.6	1106.6	1041.4	1027.5	1023.6
55°	1039.4	1041.4	1055.2	1059.1	1055.2	1041.4	1039.4	1039.4	980.1	966.3	958.4
57.5°	972.2	972.2	982.1	982.1	982.1	972.2	972.2	968.2	910.9	899.1	895.1
60°	895.1	899.1	907.0	905.0	907.0	899.1	895.1	891.2	841.8	833.9	820.0
62.5°	814.1	818.1	820.0	816.1	820.0	818.1	814.1	802.3	772.6	766.7	748.9
65°	729.1	733.1	735.1	731.1	735.1	733.1	729.1	723.2	701.5	691.6	675.8
67.5°	642.2	640.2	638.2	646.2	638.2	640.2	642.2	634.3	620.5	612.6	590.8
70°	553.3	553.3	551.3	555.3	551.3	553.3	553.3	547.4	539.4	533.5	513.8
72.5°	458.4	456.5	464.4	458.4	464.4	456.5	458.4	456.5	452.5	446.6	426.8
75°	365.6	369.5	365.6	371.5	365.6	369.5	365.6	367.5	365.6	361.6	347.8
77.5°	278.6	282.6	278.6	278.6	278.6	282.6	278.6	280.6	280.6	280.6	268.7
80°	197.6	195.6	195.6	193.6	195.6	195.6	197.6	197.6	199.6	195.6	191.7
82.5°	126.5	124.5	124.5	128.4	124.5	124.5	126.5	128.4	124.5	124.5	124.5
85°	69.2	71.1	67.2	67.2	67.2	71.1	69.2	65.2	69.2	69.2	67.2
87.5°	25.7	23.7	23.7	23.7	23.7	23.7	25.7	27.7	27.7	27.7	29.6
90°	46.8	46.8	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5
92.5°	234.2	224.9	187.6	150.4	187.6	224.9	234.2	332.0	462.3	527.5	463.2
95°	794.9	766.7	653.9	541.0	653.9	766.7	794.9	1043.9	1375.8	1541.8	1302.1
97.5°	1835.1	1781.5	1566.7	1352.0	1566.7	1781.5	1835.1	1992.5	2202.3	2307.2	1907.6
100°	2577.0	2513.1	2257.3	2001.5	2257.3	2513.1	2577.0	2565.5	2550.2	2542.5	2099.1
102.5°	3210.5	3155.8	2936.6	2717.6	2936.6	3155.8	3210.5	3010.0	2742.8	2609.1	2159.4
105°	3950.0	3920.6	3802.8	3685.0	3802.8	3920.6	3950.0	3500.6	2901.4	2601.7	2166.2
107.5°	4334.6	4341.7	4370.1	4398.6	4370.1	4341.7	4334.6	3707.7	2871.7	2453.8	2069.9
110°	4433.2	4463.8	4586.5	4709.2	4586.5	4463.8	4433.2	3732.3	2797.8	2330.6	1984.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4370.2	4417.3	4605.8	4794.2	4605.8	4417.3	4370.2	3652.9	2696.5	2218.4	1909.7
115°	4157.0	4222.3	4483.6	4744.9	4483.6	4222.3	4157.0	3466.0	2544.7	2084.1	1824.1
117.5°	3862.5	3934.9	4224.7	4514.5	4224.7	3934.9	3862.5	3238.9	2407.4	1991.6	1770.6
120°	3664.1	3734.4	4016.0	4297.5	4016.0	3734.4	3664.1	3094.3	2334.5	1954.7	1752.5
122.5°	3465.6	3535.1	3812.8	4090.5	3812.8	3535.1	3465.6	2952.5	2268.3	1926.3	1743.1
125°	3203.1	3267.0	3522.9	3778.7	3522.9	3267.0	3203.1	2767.2	2186.0	1895.5	1735.2
127.5°	2992.4	3046.3	3262.2	3478.0	3262.2	3046.3	2992.4	2618.1	2119.1	1869.6	1730.8
130°	2859.3	2909.2	3108.5	3307.9	3108.5	2909.2	2859.3	2526.1	2081.8	1859.7	1733.4
132.5°	2745.8	2790.5	2969.0	3147.7	2969.0	2790.5	2745.8	2447.6	2049.9	1851.1	1735.3
135°	2585.7	2624.1	2778.1	2932.0	2778.1	2624.1	2585.7	2335.9	2002.9	1836.3	1733.6
137.5°	2467.3	2498.8	2624.8	2750.8	2624.8	2498.8	2467.3	2256.2	1974.7	1833.9	1744.3
140°	2372.5	2401.9	2519.7	2637.5	2519.7	2401.9	2372.5	2190.1	1946.9	1825.2	1746.1
142.5°	2305.9	2331.2	2432.6	2533.9	2432.6	2331.2	2305.9	2145.6	1932.0	1825.2	1752.4
145°	2206.1	2225.3	2301.9	2378.6	2301.9	2225.3	2206.1	2075.0	1900.2	1812.9	1752.4
147.5°	2122.2	2138.1	2201.7	2265.2	2201.7	2138.1	2122.2	2019.1	1881.6	1812.9	1764.5
150°	2074.2	2087.1	2138.6	2190.1	2138.6	2087.1	2074.2	1987.1	1871.0	1812.9	1770.7
152.5°	2036.0	2045.7	2084.6	2123.5	2084.6	2045.7	2036.0	1961.6	1862.5	1812.9	1774.8
155°	1990.4	1996.8	2022.6	2048.3	2022.6	1996.8	1990.4	1931.2	1852.3	1812.9	1783.8
157.5°	1951.0	1955.5	1973.5	1991.6	1973.5	1955.5	1951.0	1905.0	1843.6	1812.9	1792.9
160°	1931.2	1933.8	1944.3	1954.7	1944.3	1933.8	1931.2	1891.8	1839.2	1812.9	1797.0
162.5°	1912.8	1915.2	1925.0	1934.9	1925.0	1915.2	1912.8	1879.5	1835.1	1812.9	1801.4
165°	1884.4	1887.0	1897.5	1907.8	1897.5	1887.0	1884.4	1860.6	1828.8	1812.9	1807.6
167.5°	1872.1	1873.1	1877.6	1881.9	1877.6	1873.1	1872.1	1856.5	1835.6	1825.2	1820.9
170°	1872.1	1872.1	1872.1	1872.1	1872.1	1872.1	1872.1	1856.5	1835.6	1825.2	1824.9
172.5°	1862.2	1861.2	1857.4	1853.6	1857.4	1861.2	1862.2	1849.8	1833.4	1825.2	1825.2
175°	1848.6	1848.6	1848.6	1848.6	1848.6	1848.6	1848.6	1840.8	1830.5	1825.2	1827.7
177.5°	1846.2	1845.1	1840.6	1836.3	1840.6	1845.1	1846.2	1840.1	1831.9	1827.7	1829.6
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2062.8	2072.7	2078.7	2086.6	2106.3
5°	1983.8	2021.3	2033.2	2062.8	2098.4
7.5°	1809.9	1924.5	1956.1	2027.3	2082.6
10°	1642.0	1756.6	1811.9	1979.9	2062.8
12.5°	1557.0	1624.2	1661.7	1896.9	2035.2
15°	1503.6	1551.1	1578.7	1786.2	2003.6
17.5°	1462.1	1495.7	1515.5	1677.5	1960.1
20°	1436.5	1452.3	1470.0	1598.5	1910.7
22.5°	1418.7	1408.8	1422.6	1543.2	1843.5
25°	1406.8	1369.3	1385.1	1499.7	1764.5
27.5°	1416.7	1333.7	1339.6	1460.2	1681.5
30°	1418.7	1290.2	1292.2	1418.7	1588.6
32.5°	1404.8	1244.8	1246.8	1367.3	1483.9
35°	1371.2	1191.4	1189.5	1308.0	1341.6
37.5°	1325.8	1134.2	1134.2	1242.8	1185.5
40°	1270.5	1076.9	1082.8	1157.9	1047.3
42.5°	1203.3	1015.7	1023.6	1045.3	944.5
45°	1130.3	956.4	962.3	883.3	865.5
47.5°	1049.3	895.1	897.1	733.1	839.8
50°	952.4	831.9	824.0	628.4	837.8
52.5°	867.5	762.7	739.0	569.1	760.8
55°	784.5	689.6	638.2	523.6	705.4
57.5°	711.4	594.8	545.4	470.3	693.6
60°	644.2	501.9	464.4	413.0	636.3
62.5°	588.8	432.7	424.8	373.5	577.0
65°	529.6	385.3	383.3	339.9	490.0
67.5°	472.3	353.7	351.7	308.3	373.5
70°	411.0	320.1	316.2	274.7	276.6
72.5°	347.8	282.6	278.6	247.0	229.2
75°	284.5	239.1	237.1	215.4	185.7
77.5°	223.3	189.7	193.6	173.9	136.3
80°	160.1	138.3	142.3	124.5	102.8
82.5°	106.7	90.9	94.8	79.0	69.2
85°	59.3	51.4	53.4	41.5	31.6
87.5°	27.7	23.7	23.7	15.8	9.9
90°	54.2	34.5	32.0	22.2	12.4
92.5°	334.4	237.9	217.0	133.1	49.3
95°	822.8	463.4	425.0	271.7	118.4
97.5°	1108.4	509.0	475.2	339.9	204.6
100°	1212.4	547.3	516.5	393.8	271.1
102.5°	1260.0	585.4	556.7	442.3	327.8
105°	1295.3	642.1	617.9	520.9	424.0
107.5°	1301.9	725.9	703.3	613.0	522.6
110°	1292.0	772.7	752.4	670.8	589.1

TEST NUMBER: P935920

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1292.4	829.4	810.0	732.2	654.5
115°	1304.4	914.5	896.5	824.8	753.1
117.5°	1328.6	997.1	980.8	915.6	850.4
120°	1348.3	1045.1	1029.8	968.4	907.1
122.5°	1376.7	1101.8	1086.3	1024.5	962.5
125°	1414.8	1174.5	1160.4	1104.0	1047.6
127.5°	1453.1	1244.8	1230.6	1173.5	1116.6
130°	1481.0	1291.6	1276.3	1214.9	1153.6
132.5°	1503.6	1329.8	1314.5	1253.2	1191.8
135°	1528.2	1374.2	1360.3	1304.4	1248.4
137.5°	1565.2	1430.8	1417.0	1361.8	1306.4
140°	1587.8	1469.1	1456.3	1405.4	1354.4
142.5°	1606.7	1497.4	1485.7	1438.5	1391.4
145°	1631.4	1540.6	1530.3	1489.2	1448.1
147.5°	1667.5	1594.8	1584.9	1544.8	1504.8
150°	1686.3	1623.1	1614.1	1577.9	1541.8
152.5°	1698.8	1641.7	1634.8	1607.4	1580.0
155°	1725.8	1682.3	1677.2	1657.0	1636.7
157.5°	1752.9	1723.0	1718.0	1698.4	1678.6
160°	1765.3	1741.4	1737.6	1722.3	1707.0
162.5°	1778.4	1761.2	1758.3	1746.8	1735.3
165°	1797.3	1789.5	1786.9	1776.4	1766.0
167.5°	1812.1	1805.6	1804.3	1799.3	1794.4
170°	1824.4	1824.0	1822.8	1817.8	1812.9
172.5°	1825.2	1825.2	1824.9	1823.8	1822.8
175°	1832.6	1836.3	1836.3	1836.3	1836.3
177.5°	1833.4	1836.3	1836.3	1836.3	1836.3
180°	1836.3	1836.3	1836.3	1836.3	1836.3

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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	10.66	11.37	11.76	12.47	13.99	13.50	14.21	14.60	15.31	16.83
	3H	11.12	11.76	12.24	12.87	14.40	14.83	15.47	15.94	16.58	18.11
	4H	11.31	11.92	12.43	13.02	14.56	15.27	15.88	16.39	16.99	18.53
	6H	11.42	11.98	12.55	13.09	14.64	15.55	16.11	16.68	17.22	18.77
	8H	11.42	11.95	12.55	13.07	14.62	15.62	16.15	16.76	17.28	18.82
	12H	11.38	11.89	12.52	13.01	14.57	15.66	16.16	16.79	17.28	18.85
4H	2H	11.67	12.28	12.80	13.39	14.93	13.89	14.49	15.02	15.60	17.14
	3H	12.69	13.19	13.82	14.33	15.88	15.38	15.89	16.52	17.02	18.57
	4H	12.96	13.42	14.10	14.55	16.12	15.90	16.37	17.04	17.49	19.06
	6H	13.07	13.47	14.22	14.62	16.18	16.26	16.66	17.41	17.81	19.37
	8H	13.08	13.45	14.22	14.59	16.17	16.37	16.74	17.51	17.88	19.46
	12H	13.04	13.37	14.20	14.52	16.11	16.42	16.76	17.58	17.91	19.49
8H	4H	13.40	13.77	14.54	14.91	16.49	16.02	16.39	17.16	17.53	19.11
	6H	13.66	13.96	14.82	15.14	16.72	16.45	16.76	17.61	17.94	19.51
	8H	13.70	13.97	14.87	15.12	16.72	16.60	16.87	17.77	18.03	19.62
	12H	13.67	13.91	14.85	15.07	16.70	16.69	16.93	17.87	18.09	19.72
12H	4H	13.40	13.74	14.56	14.89	16.47	15.97	16.31	17.13	17.46	19.04
	6H	13.72	13.98	14.89	15.14	16.74	16.44	16.71	17.62	17.87	19.47
	8H	13.78	14.01	14.95	15.17	16.80	16.60	16.84	17.77	17.99	19.62