

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: P935608

Luminaire Tested: SQ4-FA-125U-075D-B50-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

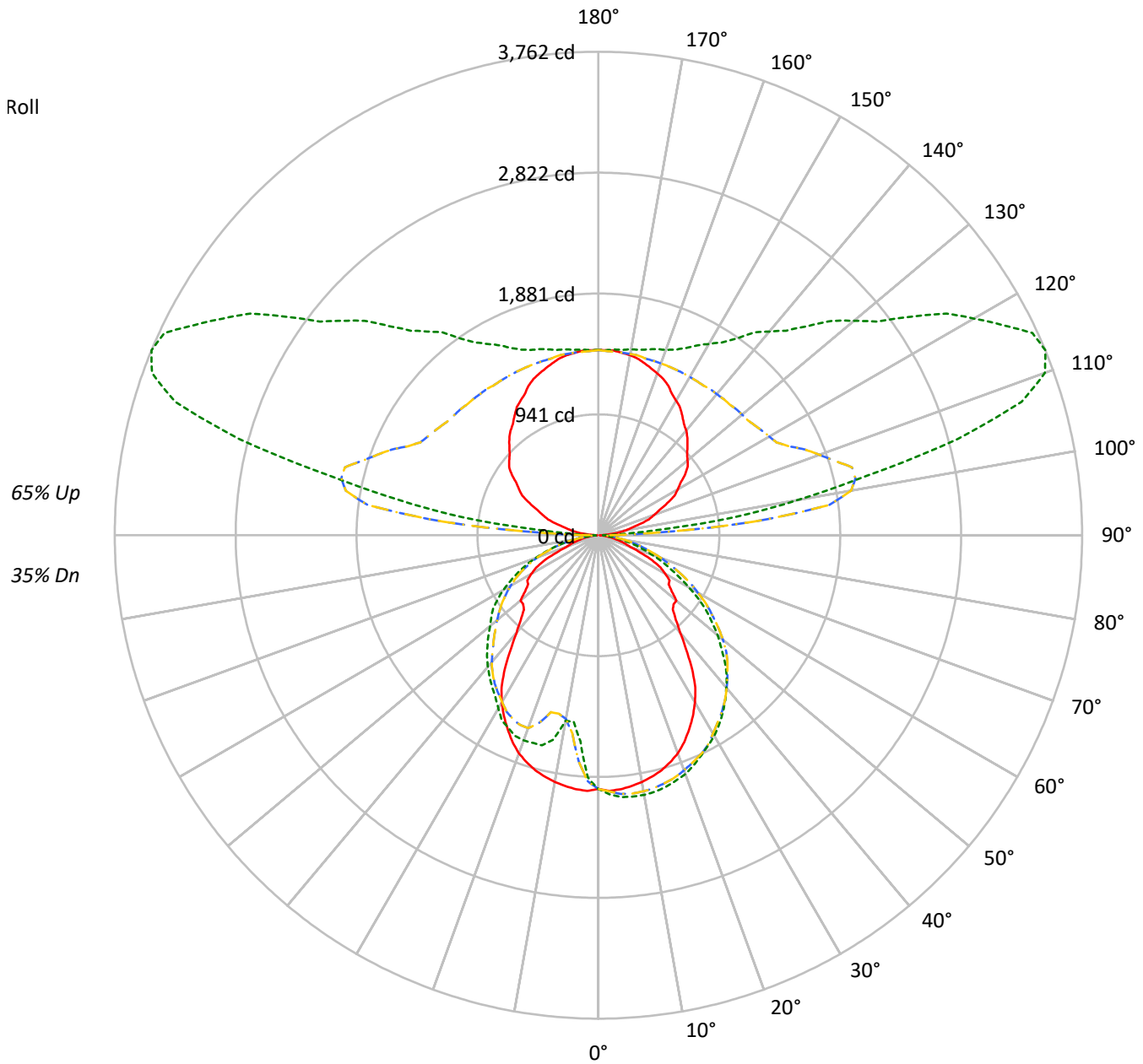
Test Method: LM-79-2019  
Report Number: P935608  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-B50-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14466.8 lumens  
Efficiency: N/A  
Efficacy: 130.1 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): 111.2  
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



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	9160	9160	9160	9160
5°	9229	9247	9229	7271
10°	9167	9109	9167	6512
15°	9068	8911	9068	7441
20°	8878	8678	8878	7457
25°	8489	8336	8489	7299
30°	7988	8053	7988	6952
35°	7121	7695	7121	6570
40°	5934	7274	5934	6282
45°	5302	6780	5302	5951
50°	5633	6192	5633	5619
55°	5300	5558	5300	5426
60°	5463	4721	5463	4970
65°	4953	3902	4953	4362
70°	3430	3110	3430	3656
75°	3008	2299	3008	2753
80°	2423	1520	2423	1655
85°	1393	805	1393	684

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8126 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	178.2	1.2
10°-20°	506.0	3.5
20°-30°	782.2	5.4
30°-40°	933.8	6.5
40°-50°	939.3	6.5
50°-60°	817.3	5.6
60°-70°	579.5	4.0
70°-80°	306.6	2.1
80°-90°	81.9	0.6
90°-100°	702.5	4.9
100°-110°	1846.8	12.8
110°-120°	1914.9	13.2
120°-130°	1536.0	10.6
130°-140°	1205.2	8.3
140°-150°	925.0	6.4
150°-160°	666.2	4.6
160°-170°	407.6	2.8
170°-180°	137.7	1.0
0°-30°	1466.5	10.1
0°-40°	2400.3	16.6
0°-60°	4156.8	28.7
0°-90°	5124.8	35.4
90°-120°	4464.2	30.9
90°-150°	8130.5	56.2
90°-180°	9342.0	64.6
0°-180°	14466.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1974	1974	1974	1974	1974	
5°	1984	2045	1984	1608	1984	188
15°	1894	2027	1894	1692	1894	533
25°	1668	1890	1668	1655	1668	766
35°	1268	1687	1268	1440	1268	785
45°	818	1390	818	1220	818	655
55°	667	1026	667	1001	667	613
65°	463	618	463	691	463	443
75°	176	293	176	351	176	185
85°	30	75	30	64	30	40
90°	10	37	10	37	10	9
95°	93	425	93	425	93	103
105°	333	2892	333	2892	333	353
115°	591	3724	591	3724	591	584
125°	822	2965	822	2965	822	730
135°	980	2301	980	2301	980	758
145°	1136	1867	1136	1867	1136	712
155°	1284	1607	1284	1607	1284	590
165°	1386	1497	1386	1497	1386	391
175°	1441	1451	1441	1451	1441	137
180°	1441	1441	1441	1441	1441	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1991.2	1991.2	2002.4	2006.1	2006.1	2000.5	1994.9	2000.5	2017.3	2023.0	2021.1
5°	1983.7	1998.7	2019.2	2023.0	2026.7	2024.8	2021.1	2024.8	2043.5	2047.2	2049.1
7.5°	1968.8	1996.8	2023.0	2028.6	2034.2	2028.6	2026.7	2030.4	2049.1	2052.8	2052.8
10°	1950.1	1989.3	2019.2	2023.0	2028.6	2023.0	2023.0	2030.4	2049.1	2052.8	2054.7
12.5°	1923.9	1978.1	2006.1	2009.9	2017.3	2015.5	2013.6	2021.1	2039.8	2043.5	2043.5
15°	1894.1	1957.6	1983.7	1987.5	2000.5	1996.8	1996.8	2004.3	2024.8	2030.4	2028.6
17.5°	1853.0	1931.4	1961.3	1966.9	1976.3	1974.4	1976.3	1983.7	2002.4	2006.1	2008.0
20°	1806.3	1895.9	1931.4	1937.0	1946.4	1946.4	1946.4	1955.7	1974.4	1981.9	1981.9
22.5°	1742.8	1858.6	1895.9	1899.7	1910.9	1910.9	1914.6	1927.7	1944.5	1946.4	1946.4
25°	1668.0	1817.5	1849.2	1860.4	1871.6	1877.2	1882.9	1890.3	1895.9	1894.1	1895.9
27.5°	1589.6	1765.2	1806.3	1813.7	1828.7	1834.3	1841.8	1843.6	1845.5	1851.1	1847.4
30°	1501.8	1692.3	1754.0	1761.4	1785.7	1789.5	1782.0	1785.7	1795.1	1798.8	1802.5
32.5°	1402.8	1584.0	1699.8	1716.6	1739.0	1727.8	1725.9	1731.5	1746.5	1746.5	1750.2
35°	1268.3	1499.9	1649.4	1664.3	1681.1	1668.0	1675.5	1677.4	1686.7	1692.3	1690.4
37.5°	1120.7	1427.1	1597.0	1608.3	1621.3	1604.5	1615.7	1621.3	1628.8	1625.1	1625.1
40°	990.0	1313.1	1535.4	1542.9	1554.1	1541.0	1552.2	1556.0	1559.7	1556.0	1554.1
42.5°	892.9	1188.0	1470.0	1479.4	1471.9	1481.2	1485.0	1492.4	1486.8	1479.4	1479.4
45°	818.2	1154.3	1399.0	1410.2	1399.0	1414.0	1419.6	1419.6	1402.8	1399.0	1397.2
47.5°	793.9	1087.2	1328.1	1328.1	1322.5	1341.1	1350.5	1337.4	1320.6	1315.0	1315.0
50°	792.0	1012.5	1230.9	1223.4	1249.6	1272.0	1262.7	1249.6	1236.5	1216.0	1216.0
52.5°	719.2	920.9	1105.9	1133.8	1174.9	1188.0	1173.0	1159.9	1137.5	1128.2	1120.7
55°	666.9	825.7	991.9	1047.9	1090.9	1107.7	1079.7	1066.6	1033.0	1027.4	1023.7
57.5°	655.7	687.4	887.3	958.3	1010.6	1008.7	991.9	967.6	939.6	934.0	932.1
60°	601.5	496.9	775.2	859.3	913.5	907.8	892.9	870.5	844.3	840.6	836.9
62.5°	545.5	360.5	648.2	743.5	820.1	818.2	805.1	771.5	752.8	743.5	736.0
65°	463.3	302.6	461.4	618.3	728.5	732.3	704.2	680.0	659.4	648.2	646.3
67.5°	353.1	246.6	312.0	515.6	640.7	637.0	601.5	590.3	564.1	558.5	547.3
70°	261.5	164.4	216.7	418.4	554.8	545.5	517.4	504.4	480.1	467.0	459.5
72.5°	216.7	132.6	158.8	325.0	467.0	455.8	431.5	416.6	396.0	384.8	377.3
75°	175.6	140.1	121.4	241.0	379.2	371.7	349.3	334.4	317.6	302.6	304.5
77.5°	128.9	130.8	97.1	177.5	300.7	289.5	276.5	257.8	250.3	235.4	235.4
80°	97.1	102.7	72.9	121.4	216.7	216.7	205.5	192.4	179.3	171.9	171.9
82.5°	65.4	65.4	54.2	76.6	147.6	142.0	134.5	130.8	123.3	119.6	119.6
85°	29.9	37.4	33.6	46.7	80.3	84.1	84.1	80.3	78.5	74.7	76.6
87.5°	9.3	16.8	20.5	26.2	41.1	43.0	44.8	44.8	44.8	46.7	46.7
90°	9.7	17.5	25.1	27.1	42.6	63.2	73.5	65.3	48.9	36.7	36.7
92.5°	38.7	104.4	170.3	186.7	262.5	363.4	413.9	362.8	260.5	183.7	176.4
95°	92.8	213.2	333.6	363.7	645.8	1021.9	1209.9	1079.7	819.2	623.8	601.7
97.5°	160.6	266.8	372.9	399.5	869.8	1497.0	1810.6	1728.3	1563.6	1440.1	1398.0
100°	212.8	309.1	405.4	429.5	951.4	1647.3	1995.3	2001.3	2013.3	2022.4	1972.2
102.5°	257.2	347.1	436.9	459.4	988.8	1694.6	2047.5	2152.4	2362.2	2519.5	2476.5
105°	332.7	408.8	484.8	503.9	1016.5	1700.0	2041.7	2276.8	2747.1	3099.8	3076.7
107.5°	410.1	481.0	551.9	569.6	1021.6	1624.3	1925.6	2253.6	2909.6	3401.5	3407.1
110°	462.3	526.4	590.5	606.4	1014.0	1557.3	1829.0	2195.6	2928.9	3478.9	3503.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	513.6	574.6	635.7	650.9	1014.2	1498.7	1740.9	2116.2	2866.6	3429.6	3466.5
115°	590.9	647.3	703.5	717.6	1023.6	1431.5	1635.5	1997.0	2720.0	3262.3	3313.6
117.5°	667.3	718.5	769.6	782.4	1042.6	1389.5	1563.0	1889.2	2541.7	3031.1	3088.0
120°	711.8	760.0	808.1	820.1	1058.0	1375.3	1533.9	1832.0	2428.2	2875.4	2930.6
122.5°	755.3	803.9	852.5	864.6	1080.3	1367.8	1511.7	1780.1	2317.1	2719.7	2774.2
125°	822.1	866.4	910.6	921.7	1110.2	1361.8	1487.5	1715.6	2171.6	2513.7	2563.8
127.5°	876.3	921.0	965.7	976.9	1140.3	1358.2	1467.2	1663.0	2054.6	2348.3	2390.6
130°	905.2	953.4	1001.5	1013.6	1162.2	1360.4	1459.5	1633.8	1982.4	2243.8	2283.0
132.5°	935.2	983.4	1031.5	1043.6	1179.9	1361.8	1452.7	1608.7	1920.8	2154.8	2189.9
135°	979.8	1023.6	1067.5	1078.4	1199.3	1360.5	1441.1	1571.7	1833.1	2029.1	2059.3
137.5°	1025.2	1068.6	1112.0	1122.9	1228.3	1368.9	1439.1	1549.6	1770.6	1936.3	1961.0
140°	1062.9	1102.9	1142.8	1152.8	1246.0	1370.3	1432.4	1527.8	1718.7	1861.8	1884.9
142.5°	1091.9	1128.9	1165.8	1175.1	1260.8	1375.2	1432.4	1516.2	1683.8	1809.5	1829.4
145°	1136.4	1168.6	1200.9	1209.0	1280.2	1375.2	1422.7	1491.2	1628.4	1731.3	1746.3
147.5°	1180.9	1212.3	1243.7	1251.6	1308.6	1384.7	1422.7	1476.7	1584.5	1665.5	1677.9
150°	1209.9	1238.3	1266.7	1273.8	1323.4	1389.6	1422.7	1468.2	1559.4	1627.8	1637.9
152.5°	1239.9	1261.4	1282.8	1288.3	1333.1	1392.8	1422.7	1461.6	1539.4	1597.8	1605.5
155°	1284.4	1300.3	1316.2	1320.2	1354.4	1399.9	1422.7	1453.7	1515.6	1562.0	1567.1
157.5°	1317.3	1332.7	1348.2	1352.1	1375.6	1407.0	1422.7	1446.8	1494.9	1531.0	1534.6
160°	1339.5	1351.6	1363.6	1366.6	1385.3	1410.2	1422.7	1443.3	1484.6	1515.5	1517.6
162.5°	1361.8	1370.7	1379.8	1382.0	1395.6	1413.6	1422.7	1440.0	1474.9	1501.0	1503.0
165°	1386.0	1394.2	1402.3	1404.4	1410.4	1418.6	1422.7	1435.2	1460.1	1478.8	1480.9
167.5°	1408.2	1412.0	1415.9	1416.9	1422.0	1428.9	1432.4	1440.5	1456.9	1469.1	1469.9
170°	1422.7	1426.6	1430.5	1431.4	1431.7	1432.2	1432.4	1440.5	1456.9	1469.1	1469.1
172.5°	1430.4	1431.3	1432.2	1432.4	1432.4	1432.4	1432.4	1438.8	1451.7	1461.4	1460.7
175°	1441.1	1441.1	1441.1	1441.1	1438.2	1434.3	1432.4	1436.5	1444.6	1450.8	1450.8
177.5°	1441.1	1441.1	1441.1	1441.1	1438.8	1435.8	1434.3	1437.5	1444.0	1448.8	1448.0
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2024.8	2019.2	2024.8	2021.1	2023.0	2017.3	2000.5	1994.9	2000.5	2006.1	2006.1
5°	2049.1	2045.4	2049.1	2049.1	2047.2	2043.5	2024.8	2021.1	2024.8	2026.7	2023.0
7.5°	2056.6	2051.0	2056.6	2052.8	2052.8	2049.1	2030.4	2026.7	2028.6	2034.2	2028.6
10°	2056.6	2051.0	2056.6	2054.7	2052.8	2049.1	2030.4	2023.0	2023.0	2028.6	2023.0
12.5°	2047.2	2043.5	2047.2	2043.5	2043.5	2039.8	2021.1	2013.6	2015.5	2017.3	2009.9
15°	2032.3	2026.7	2032.3	2028.6	2030.4	2024.8	2004.3	1996.8	1996.8	2000.5	1987.5
17.5°	2009.9	2002.4	2009.9	2008.0	2006.1	2002.4	1983.7	1976.3	1974.4	1976.3	1966.9
20°	1983.7	1978.1	1983.7	1981.9	1981.9	1974.4	1955.7	1946.4	1946.4	1946.4	1937.0
22.5°	1942.6	1937.0	1942.6	1946.4	1946.4	1944.5	1927.7	1914.6	1910.9	1910.9	1899.7
25°	1895.9	1890.3	1895.9	1895.9	1894.1	1895.9	1890.3	1882.9	1877.2	1871.6	1860.4
27.5°	1851.1	1847.4	1851.1	1847.4	1851.1	1845.5	1843.6	1841.8	1834.3	1828.7	1813.7
30°	1806.3	1802.5	1806.3	1802.5	1798.8	1795.1	1785.7	1782.0	1789.5	1785.7	1761.4
32.5°	1750.2	1746.5	1750.2	1750.2	1746.5	1746.5	1731.5	1725.9	1727.8	1739.0	1716.6
35°	1692.3	1686.7	1692.3	1690.4	1692.3	1686.7	1677.4	1675.5	1668.0	1681.1	1664.3
37.5°	1625.1	1619.5	1625.1	1625.1	1625.1	1628.8	1621.3	1615.7	1604.5	1621.3	1608.3
40°	1556.0	1548.5	1556.0	1554.1	1556.0	1559.7	1556.0	1552.2	1541.0	1554.1	1542.9
42.5°	1477.5	1475.6	1477.5	1479.4	1479.4	1486.8	1492.4	1485.0	1481.2	1471.9	1479.4
45°	1393.4	1389.7	1393.4	1397.2	1399.0	1402.8	1419.6	1419.6	1414.0	1399.0	1410.2
47.5°	1303.8	1294.4	1303.8	1315.0	1315.0	1320.6	1337.4	1350.5	1341.1	1322.5	1328.1
50°	1208.5	1210.4	1208.5	1216.0	1216.0	1236.5	1249.6	1262.7	1272.0	1249.6	1223.4
52.5°	1115.1	1113.3	1115.1	1120.7	1128.2	1137.5	1159.9	1173.0	1188.0	1174.9	1133.8
55°	1021.8	1025.5	1021.8	1023.7	1027.4	1033.0	1066.6	1079.7	1107.7	1090.9	1047.9
57.5°	928.4	922.8	928.4	932.1	934.0	939.6	967.6	991.9	1008.7	1010.6	958.3
60°	820.1	812.6	820.1	836.9	840.6	844.3	870.5	892.9	907.8	913.5	859.3
62.5°	724.8	711.7	724.8	736.0	743.5	752.8	771.5	805.1	818.2	820.1	743.5
65°	623.9	618.3	623.9	646.3	648.2	659.4	680.0	704.2	732.3	728.5	618.3
67.5°	532.4	532.4	532.4	547.3	558.5	564.1	590.3	601.5	637.0	640.7	515.6
70°	448.3	446.5	448.3	459.5	467.0	480.1	504.4	517.4	545.5	554.8	418.4
72.5°	368.0	366.1	368.0	377.3	384.8	396.0	416.6	431.5	455.8	467.0	325.0
75°	297.0	293.3	297.0	304.5	302.6	317.6	334.4	349.3	371.7	379.2	241.0
77.5°	227.9	227.9	227.9	235.4	235.4	250.3	257.8	276.5	289.5	300.7	177.5
80°	170.0	168.1	170.0	171.9	171.9	179.3	192.4	205.5	216.7	216.7	121.4
82.5°	119.6	115.8	119.6	119.6	119.6	123.3	130.8	134.5	142.0	147.6	76.6
85°	74.7	74.7	74.7	76.6	74.7	78.5	80.3	84.1	84.1	80.3	46.7
87.5°	48.6	46.7	48.6	46.7	46.7	44.8	44.8	44.8	43.0	41.1	26.2
90°	36.7	36.7	36.7	36.7	36.7	48.9	65.3	73.5	63.2	42.6	27.1
92.5°	147.2	118.0	147.2	176.4	183.7	260.5	362.8	413.9	363.4	262.5	186.7
95°	513.1	424.6	513.1	601.7	623.8	819.2	1079.7	1209.9	1021.9	645.8	363.7
97.5°	1229.5	1061.0	1229.5	1398.0	1440.1	1563.6	1728.3	1810.6	1497.0	869.8	399.5
100°	1771.4	1570.7	1771.4	1972.2	2022.4	2013.3	2001.3	1995.3	1647.3	951.4	429.5
102.5°	2304.6	2132.6	2304.6	2476.5	2519.5	2362.2	2152.4	2047.5	1694.6	988.8	459.4
105°	2984.2	2891.9	2984.2	3076.7	3099.8	2747.1	2276.8	2041.7	1700.0	1016.5	503.9
107.5°	3429.5	3451.8	3429.5	3407.1	3401.5	2909.6	2253.6	1925.6	1624.3	1021.6	569.6
110°	3599.3	3695.6	3599.3	3503.0	3478.9	2928.9	2195.6	1829.0	1557.3	1014.0	606.4





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3614.4	3762.2	3614.4	3466.5	3429.6	2866.6	2116.2	1740.9	1498.7	1014.2	650.9
115°	3518.6	3723.6	3518.6	3313.6	3262.3	2720.0	1997.0	1635.5	1431.5	1023.6	717.6
117.5°	3315.3	3542.8	3315.3	3088.0	3031.1	2541.7	1889.2	1563.0	1389.5	1042.6	782.4
120°	3151.6	3372.5	3151.6	2930.6	2875.4	2428.2	1832.0	1533.9	1375.3	1058.0	820.1
122.5°	2992.2	3210.1	2992.2	2774.2	2719.7	2317.1	1780.1	1511.7	1367.8	1080.3	864.6
125°	2764.6	2965.4	2764.6	2563.8	2513.7	2171.6	1715.6	1487.5	1361.8	1110.2	921.7
127.5°	2560.0	2729.3	2560.0	2390.6	2348.3	2054.6	1663.0	1467.2	1358.2	1140.3	976.9
130°	2439.4	2595.9	2439.4	2283.0	2243.8	1982.4	1633.8	1459.5	1360.4	1162.2	1013.6
132.5°	2330.0	2470.1	2330.0	2189.9	2154.8	1920.8	1608.7	1452.7	1361.8	1179.9	1043.6
135°	2180.1	2300.9	2180.1	2059.3	2029.1	1833.1	1571.7	1441.1	1360.5	1199.3	1078.4
137.5°	2059.8	2158.8	2059.8	1961.0	1936.3	1770.6	1549.6	1439.1	1368.9	1228.3	1122.9
140°	1977.4	2069.7	1977.4	1884.9	1861.8	1718.7	1527.8	1432.4	1370.3	1246.0	1152.8
142.5°	1908.9	1988.5	1908.9	1829.4	1809.5	1683.8	1516.2	1432.4	1375.2	1260.8	1175.1
145°	1806.4	1866.6	1806.4	1746.3	1731.3	1628.4	1491.2	1422.7	1375.2	1280.2	1209.0
147.5°	1727.8	1777.7	1727.8	1677.9	1665.5	1584.5	1476.7	1422.7	1384.7	1308.6	1251.6
150°	1678.3	1718.7	1678.3	1637.9	1627.8	1559.4	1468.2	1422.7	1389.6	1323.4	1273.8
152.5°	1635.9	1666.4	1635.9	1605.5	1597.8	1539.4	1461.6	1422.7	1392.8	1333.1	1288.3
155°	1587.2	1607.4	1587.2	1567.1	1562.0	1515.6	1453.7	1422.7	1399.9	1354.4	1320.2
157.5°	1548.8	1563.0	1548.8	1534.6	1531.0	1494.9	1446.8	1422.7	1407.0	1375.6	1352.1
160°	1525.7	1533.9	1525.7	1517.6	1515.5	1484.6	1443.3	1422.7	1410.2	1385.3	1366.6
162.5°	1510.7	1518.5	1510.7	1503.0	1501.0	1474.9	1440.0	1422.7	1413.6	1395.6	1382.0
165°	1489.0	1497.2	1489.0	1480.9	1478.8	1460.1	1435.2	1422.7	1418.6	1410.4	1404.4
167.5°	1473.4	1476.8	1473.4	1469.9	1469.1	1456.9	1440.5	1432.4	1428.9	1422.0	1416.9
170°	1469.1	1469.1	1469.1	1469.1	1469.1	1456.9	1440.5	1432.4	1432.2	1431.7	1431.4
172.5°	1457.6	1454.6	1457.6	1460.7	1461.4	1451.7	1438.8	1432.4	1432.4	1432.4	1432.4
175°	1450.8	1450.8	1450.8	1450.8	1450.8	1444.6	1436.5	1432.4	1434.3	1438.2	1441.1
177.5°	1444.5	1441.1	1444.5	1448.0	1448.8	1444.0	1437.5	1434.3	1435.8	1438.8	1441.1
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2002.4	1991.2	1991.2	1972.5	1965.0	1959.4	1950.1	1922.1	1914.6	1907.1	1918.3
5°	2019.2	1998.7	1983.7	1950.1	1922.1	1910.9	1875.4	1808.1	1763.3	1729.7	1711.0
7.5°	2023.0	1996.8	1968.8	1916.5	1849.2	1819.3	1711.0	1587.7	1554.1	1524.2	1505.5
10°	2019.2	1989.3	1950.1	1871.6	1712.9	1660.6	1552.2	1471.9	1451.3	1445.7	1451.3
12.5°	2006.1	1978.1	1923.9	1793.2	1570.9	1535.4	1471.9	1425.2	1421.5	1430.8	1481.2
15°	1983.7	1957.6	1894.1	1688.6	1492.4	1466.3	1421.5	1404.6	1425.2	1490.6	1641.9
17.5°	1961.3	1931.4	1853.0	1585.8	1432.7	1414.0	1382.2	1415.9	1531.7	1619.5	1669.9
20°	1931.4	1895.9	1806.3	1511.1	1389.7	1372.9	1357.9	1509.3	1597.0	1628.8	1656.8
22.5°	1895.9	1858.6	1742.8	1458.8	1344.9	1331.8	1341.1	1561.6	1597.0	1619.5	1643.7
25°	1849.2	1817.5	1668.0	1417.7	1309.4	1294.4	1329.9	1556.0	1576.5	1582.1	1630.7
27.5°	1806.3	1765.2	1589.6	1380.4	1266.4	1260.8	1339.3	1531.7	1546.6	1552.2	1604.5
30°	1754.0	1692.3	1501.8	1341.1	1221.6	1219.7	1341.1	1501.8	1498.0	1513.0	1565.3
32.5°	1699.8	1584.0	1402.8	1292.6	1178.6	1176.7	1328.1	1456.9	1453.2	1473.8	1513.0
35°	1649.4	1499.9	1268.3	1236.5	1124.4	1126.3	1296.3	1404.6	1406.5	1425.2	1449.5
37.5°	1597.0	1427.1	1120.7	1174.9	1072.2	1072.2	1253.3	1356.1	1352.3	1357.9	1391.6
40°	1535.4	1313.1	990.0	1094.6	1023.7	1018.1	1201.0	1303.8	1290.7	1288.8	1335.5
42.5°	1470.0	1188.0	892.9	988.2	967.6	960.2	1137.5	1240.3	1216.0	1221.6	1281.4
45°	1399.0	1154.3	818.2	835.0	909.7	904.1	1068.5	1167.4	1150.6	1165.5	1227.2
47.5°	1328.1	1087.2	793.9	693.0	848.1	846.2	991.9	1096.5	1087.2	1102.1	1167.4
50°	1230.9	1012.5	792.0	594.0	779.0	786.4	900.4	1027.4	1027.4	1040.5	1109.6
52.5°	1105.9	920.9	719.2	538.0	698.6	721.0	820.1	967.6	971.4	984.4	1046.1
55°	991.9	825.7	666.9	495.0	603.4	651.9	741.6	906.0	913.5	926.5	982.6
57.5°	887.3	687.4	655.7	444.6	515.6	562.3	672.5	846.2	849.9	861.1	915.3
60°	775.2	496.9	601.5	390.4	439.0	474.5	609.0	775.2	788.3	795.8	842.5
62.5°	648.2	360.5	545.5	353.1	401.6	409.1	556.7	708.0	724.8	730.4	758.4
65°	461.4	302.6	463.3	321.3	362.4	364.3	500.6	638.9	653.8	663.1	683.7
67.5°	312.0	246.6	353.1	291.4	332.5	334.4	446.5	558.5	579.1	586.6	599.6
70°	216.7	164.4	261.5	259.7	298.9	302.6	388.5	485.7	504.4	510.0	517.4
72.5°	158.8	132.6	216.7	233.5	263.4	267.1	328.8	403.5	422.2	427.8	431.5
75°	121.4	140.1	175.6	203.6	224.2	226.0	269.0	328.8	341.8	345.6	347.4
77.5°	97.1	130.8	128.9	164.4	183.1	179.3	211.1	254.0	265.3	265.3	265.3
80°	72.9	102.7	97.1	117.7	134.5	130.8	151.3	181.2	184.9	188.7	186.8
82.5°	54.2	65.4	65.4	74.7	89.7	85.9	100.9	117.7	117.7	117.7	121.4
85°	33.6	37.4	29.9	39.2	50.4	48.6	56.0	63.5	65.4	65.4	61.6
87.5°	20.5	16.8	9.3	14.9	22.4	22.4	26.2	28.0	26.2	26.2	26.2
90°	25.1	17.5	9.7	17.5	25.1	27.1	42.6	63.2	73.5	65.3	48.9
92.5°	170.3	104.4	38.7	104.4	170.3	186.7	262.5	363.4	413.9	362.8	260.5
95°	333.6	213.2	92.8	213.2	333.6	363.7	645.8	1021.9	1209.9	1079.7	819.2
97.5°	372.9	266.8	160.6	266.8	372.9	399.5	869.8	1497.0	1810.6	1728.3	1563.6
100°	405.4	309.1	212.8	309.1	405.4	429.5	951.4	1647.3	1995.3	2001.3	2013.3
102.5°	436.9	347.1	257.2	347.1	436.9	459.4	988.8	1694.6	2047.5	2152.4	2362.2
105°	484.8	408.8	332.7	408.8	484.8	503.9	1016.5	1700.0	2041.7	2276.8	2747.1
107.5°	551.9	481.0	410.1	481.0	551.9	569.6	1021.6	1624.3	1925.6	2253.6	2909.6
110°	590.5	526.4	462.3	526.4	590.5	606.4	1014.0	1557.3	1829.0	2195.6	2928.9



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	635.7	574.6	513.6	574.6	635.7	650.9	1014.2	1498.7	1740.9	2116.2	2866.6
115°	703.5	647.3	590.9	647.3	703.5	717.6	1023.6	1431.5	1635.5	1997.0	2720.0
117.5°	769.6	718.5	667.3	718.5	769.6	782.4	1042.6	1389.5	1563.0	1889.2	2541.7
120°	808.1	760.0	711.8	760.0	808.1	820.1	1058.0	1375.3	1533.9	1832.0	2428.2
122.5°	852.5	803.9	755.3	803.9	852.5	864.6	1080.3	1367.8	1511.7	1780.1	2317.1
125°	910.6	866.4	822.1	866.4	910.6	921.7	1110.2	1361.8	1487.5	1715.6	2171.6
127.5°	965.7	921.0	876.3	921.0	965.7	976.9	1140.3	1358.2	1467.2	1663.0	2054.6
130°	1001.5	953.4	905.2	953.4	1001.5	1013.6	1162.2	1360.4	1459.5	1633.8	1982.4
132.5°	1031.5	983.4	935.2	983.4	1031.5	1043.6	1179.9	1361.8	1452.7	1608.7	1920.8
135°	1067.5	1023.6	979.8	1023.6	1067.5	1078.4	1199.3	1360.5	1441.1	1571.7	1833.1
137.5°	1112.0	1068.6	1025.2	1068.6	1112.0	1122.9	1228.3	1368.9	1439.1	1549.6	1770.6
140°	1142.8	1102.9	1062.9	1102.9	1142.8	1152.8	1246.0	1370.3	1432.4	1527.8	1718.7
142.5°	1165.8	1128.9	1091.9	1128.9	1165.8	1175.1	1260.8	1375.2	1432.4	1516.2	1683.8
145°	1200.9	1168.6	1136.4	1168.6	1200.9	1209.0	1280.2	1375.2	1422.7	1491.2	1628.4
147.5°	1243.7	1212.3	1180.9	1212.3	1243.7	1251.6	1308.6	1384.7	1422.7	1476.7	1584.5
150°	1266.7	1238.3	1209.9	1238.3	1266.7	1273.8	1323.4	1389.6	1422.7	1468.2	1559.4
152.5°	1282.8	1261.4	1239.9	1261.4	1282.8	1288.3	1333.1	1392.8	1422.7	1461.6	1539.4
155°	1316.2	1300.3	1284.4	1300.3	1316.2	1320.2	1354.4	1399.9	1422.7	1453.7	1515.6
157.5°	1348.2	1332.7	1317.3	1332.7	1348.2	1352.1	1375.6	1407.0	1422.7	1446.8	1494.9
160°	1363.6	1351.6	1339.5	1351.6	1363.6	1366.6	1385.3	1410.2	1422.7	1443.3	1484.6
162.5°	1379.8	1370.7	1361.8	1370.7	1379.8	1382.0	1395.6	1413.6	1422.7	1440.0	1474.9
165°	1402.3	1394.2	1386.0	1394.2	1402.3	1404.4	1410.4	1418.6	1422.7	1435.2	1460.1
167.5°	1415.9	1412.0	1408.2	1412.0	1415.9	1416.9	1422.0	1428.9	1432.4	1440.5	1456.9
170°	1430.5	1426.6	1422.7	1426.6	1430.5	1431.4	1431.7	1432.2	1432.4	1440.5	1456.9
172.5°	1432.2	1431.3	1430.4	1431.3	1432.2	1432.4	1432.4	1432.4	1432.4	1438.8	1451.7
175°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1438.2	1434.3	1432.4	1436.5	1444.6
177.5°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1438.8	1435.8	1434.3	1437.5	1444.0
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935608  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1905.3	1899.7	1907.1	1886.6	1907.1	1899.7	1905.3	1918.3	1907.1	1914.6	1922.1
5°	1671.8	1662.4	1632.5	1608.3	1632.5	1662.4	1671.8	1711.0	1729.7	1763.3	1808.1
7.5°	1494.3	1486.8	1479.4	1464.4	1479.4	1486.8	1494.3	1505.5	1524.2	1554.1	1587.7
10°	1455.1	1456.9	1468.2	1466.3	1468.2	1456.9	1455.1	1451.3	1445.7	1451.3	1471.9
12.5°	1556.0	1572.8	1634.4	1630.7	1634.4	1572.8	1556.0	1481.2	1430.8	1421.5	1425.2
15°	1671.8	1677.4	1690.4	1692.3	1690.4	1677.4	1671.8	1641.9	1490.6	1425.2	1404.6
17.5°	1683.0	1684.8	1694.2	1694.2	1694.2	1684.8	1683.0	1669.9	1619.5	1531.7	1415.9
20°	1673.6	1677.4	1696.1	1699.8	1696.1	1677.4	1673.6	1656.8	1628.8	1597.0	1509.3
22.5°	1669.9	1677.4	1692.3	1690.4	1692.3	1677.4	1669.9	1643.7	1619.5	1597.0	1561.6
25°	1651.2	1651.2	1653.1	1655.0	1653.1	1651.2	1651.2	1630.7	1582.1	1576.5	1556.0
27.5°	1612.0	1615.7	1626.9	1625.1	1626.9	1615.7	1612.0	1604.5	1552.2	1546.6	1531.7
30°	1576.5	1572.8	1563.4	1556.0	1563.4	1572.8	1576.5	1565.3	1513.0	1498.0	1501.8
32.5°	1516.7	1507.4	1498.0	1492.4	1498.0	1507.4	1516.7	1513.0	1473.8	1453.2	1456.9
35°	1445.7	1447.6	1445.7	1440.1	1445.7	1447.6	1445.7	1449.5	1425.2	1406.5	1404.6
37.5°	1395.3	1399.0	1397.2	1389.7	1397.2	1399.0	1395.3	1391.6	1357.9	1352.3	1356.1
40°	1343.0	1344.9	1343.0	1337.4	1343.0	1344.9	1343.0	1335.5	1288.8	1290.7	1303.8
42.5°	1292.6	1290.7	1285.1	1281.4	1285.1	1290.7	1292.6	1281.4	1221.6	1216.0	1240.3
45°	1234.7	1236.5	1225.3	1219.7	1225.3	1236.5	1234.7	1227.2	1165.5	1150.6	1167.4
47.5°	1176.7	1176.7	1167.4	1161.8	1167.4	1176.7	1176.7	1167.4	1102.1	1087.2	1096.5
50°	1115.1	1113.3	1100.3	1098.4	1100.3	1113.3	1115.1	1109.6	1040.5	1027.4	1027.4
52.5°	1044.2	1044.2	1046.1	1049.8	1046.1	1044.2	1044.2	1046.1	984.4	971.4	967.6
55°	982.6	984.4	997.5	1001.2	997.5	984.4	982.6	982.6	926.5	913.5	906.0
57.5°	919.1	919.1	928.4	928.4	928.4	919.1	919.1	915.3	861.1	849.9	846.2
60°	846.2	849.9	857.4	855.5	857.4	849.9	846.2	842.5	795.8	788.3	775.2
62.5°	769.6	773.4	775.2	771.5	775.2	773.4	769.6	758.4	730.4	724.8	708.0
65°	689.3	693.0	694.9	691.2	694.9	693.0	689.3	683.7	663.1	653.8	638.9
67.5°	607.1	605.2	603.4	610.8	603.4	605.2	607.1	599.6	586.6	579.1	558.5
70°	523.0	523.0	521.2	524.9	521.2	523.0	523.0	517.4	510.0	504.4	485.7
72.5°	433.4	431.5	439.0	433.4	439.0	431.5	433.4	431.5	427.8	422.2	403.5
75°	345.6	349.3	345.6	351.2	345.6	349.3	345.6	347.4	345.6	341.8	328.8
77.5°	263.4	267.1	263.4	263.4	263.4	267.1	263.4	265.3	265.3	265.3	254.0
80°	186.8	184.9	184.9	183.1	184.9	184.9	186.8	186.8	188.7	184.9	181.2
82.5°	119.6	117.7	117.7	121.4	117.7	117.7	119.6	121.4	117.7	117.7	117.7
85°	65.4	67.2	63.5	63.5	63.5	67.2	65.4	61.6	65.4	65.4	63.5
87.5°	24.3	22.4	22.4	22.4	22.4	22.4	24.3	26.2	26.2	26.2	28.0
90°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	48.9	65.3	73.5	63.2
92.5°	183.7	176.4	147.2	118.0	147.2	176.4	183.7	260.5	362.8	413.9	363.4
95°	623.8	601.7	513.1	424.6	513.1	601.7	623.8	819.2	1079.7	1209.9	1021.9
97.5°	1440.1	1398.0	1229.5	1061.0	1229.5	1398.0	1440.1	1563.6	1728.3	1810.6	1497.0
100°	2022.4	1972.2	1771.4	1570.7	1771.4	1972.2	2022.4	2013.3	2001.3	1995.3	1647.3
102.5°	2519.5	2476.5	2304.6	2132.6	2304.6	2476.5	2519.5	2362.2	2152.4	2047.5	1694.6
105°	3099.8	3076.7	2984.2	2891.9	2984.2	3076.7	3099.8	2747.1	2276.8	2041.7	1700.0
107.5°	3401.5	3407.1	3429.5	3451.8	3429.5	3407.1	3401.5	2909.6	2253.6	1925.6	1624.3
110°	3478.9	3503.0	3599.3	3695.6	3599.3	3503.0	3478.9	2928.9	2195.6	1829.0	1557.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3429.6	3466.5	3614.4	3762.2	3614.4	3466.5	3429.6	2866.6	2116.2	1740.9	1498.7
115°	3262.3	3313.6	3518.6	3723.6	3518.6	3313.6	3262.3	2720.0	1997.0	1635.5	1431.5
117.5°	3031.1	3088.0	3315.3	3542.8	3315.3	3088.0	3031.1	2541.7	1889.2	1563.0	1389.5
120°	2875.4	2930.6	3151.6	3372.5	3151.6	2930.6	2875.4	2428.2	1832.0	1533.9	1375.3
122.5°	2719.7	2774.2	2992.2	3210.1	2992.2	2774.2	2719.7	2317.1	1780.1	1511.7	1367.8
125°	2513.7	2563.8	2764.6	2965.4	2764.6	2563.8	2513.7	2171.6	1715.6	1487.5	1361.8
127.5°	2348.3	2390.6	2560.0	2729.3	2560.0	2390.6	2348.3	2054.6	1663.0	1467.2	1358.2
130°	2243.8	2283.0	2439.4	2595.9	2439.4	2283.0	2243.8	1982.4	1633.8	1459.5	1360.4
132.5°	2154.8	2189.9	2330.0	2470.1	2330.0	2189.9	2154.8	1920.8	1608.7	1452.7	1361.8
135°	2029.1	2059.3	2180.1	2300.9	2180.1	2059.3	2029.1	1833.1	1571.7	1441.1	1360.5
137.5°	1936.3	1961.0	2059.8	2158.8	2059.8	1961.0	1936.3	1770.6	1549.6	1439.1	1368.9
140°	1861.8	1884.9	1977.4	2069.7	1977.4	1884.9	1861.8	1718.7	1527.8	1432.4	1370.3
142.5°	1809.5	1829.4	1908.9	1988.5	1908.9	1829.4	1809.5	1683.8	1516.2	1432.4	1375.2
145°	1731.3	1746.3	1806.4	1866.6	1806.4	1746.3	1731.3	1628.4	1491.2	1422.7	1375.2
147.5°	1665.5	1677.9	1727.8	1777.7	1727.8	1677.9	1665.5	1584.5	1476.7	1422.7	1384.7
150°	1627.8	1637.9	1678.3	1718.7	1678.3	1637.9	1627.8	1559.4	1468.2	1422.7	1389.6
152.5°	1597.8	1605.5	1635.9	1666.4	1635.9	1605.5	1597.8	1539.4	1461.6	1422.7	1392.8
155°	1562.0	1567.1	1587.2	1607.4	1587.2	1567.1	1562.0	1515.6	1453.7	1422.7	1399.9
157.5°	1531.0	1534.6	1548.8	1563.0	1548.8	1534.6	1531.0	1494.9	1446.8	1422.7	1407.0
160°	1515.5	1517.6	1525.7	1533.9	1525.7	1517.6	1515.5	1484.6	1443.3	1422.7	1410.2
162.5°	1501.0	1503.0	1510.7	1518.5	1510.7	1503.0	1501.0	1474.9	1440.0	1422.7	1413.6
165°	1478.8	1480.9	1489.0	1497.2	1489.0	1480.9	1478.8	1460.1	1435.2	1422.7	1418.6
167.5°	1469.1	1469.9	1473.4	1476.8	1473.4	1469.9	1469.1	1456.9	1440.5	1432.4	1428.9
170°	1469.1	1469.1	1469.1	1469.1	1469.1	1469.1	1469.1	1456.9	1440.5	1432.4	1432.2
172.5°	1461.4	1460.7	1457.6	1454.6	1457.6	1460.7	1461.4	1451.7	1438.8	1432.4	1432.4
175°	1450.8	1450.8	1450.8	1450.8	1450.8	1450.8	1450.8	1444.6	1436.5	1432.4	1434.3
177.5°	1448.8	1448.0	1444.5	1441.1	1444.5	1448.0	1448.8	1444.0	1437.5	1434.3	1435.8
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1950.1	1959.4	1965.0	1972.5	1991.2
5°	1875.4	1910.9	1922.1	1950.1	1983.7
7.5°	1711.0	1819.3	1849.2	1916.5	1968.8
10°	1552.2	1660.6	1712.9	1871.6	1950.1
12.5°	1471.9	1535.4	1570.9	1793.2	1923.9
15°	1421.5	1466.3	1492.4	1688.6	1894.1
17.5°	1382.2	1414.0	1432.7	1585.8	1853.0
20°	1357.9	1372.9	1389.7	1511.1	1806.3
22.5°	1341.1	1331.8	1344.9	1458.8	1742.8
25°	1329.9	1294.4	1309.4	1417.7	1668.0
27.5°	1339.3	1260.8	1266.4	1380.4	1589.6
30°	1341.1	1219.7	1221.6	1341.1	1501.8
32.5°	1328.1	1176.7	1178.6	1292.6	1402.8
35°	1296.3	1126.3	1124.4	1236.5	1268.3
37.5°	1253.3	1072.2	1072.2	1174.9	1120.7
40°	1201.0	1018.1	1023.7	1094.6	990.0
42.5°	1137.5	960.2	967.6	988.2	892.9
45°	1068.5	904.1	909.7	835.0	818.2
47.5°	991.9	846.2	848.1	693.0	793.9
50°	900.4	786.4	779.0	594.0	792.0
52.5°	820.1	721.0	698.6	538.0	719.2
55°	741.6	651.9	603.4	495.0	666.9
57.5°	672.5	562.3	515.6	444.6	655.7
60°	609.0	474.5	439.0	390.4	601.5
62.5°	556.7	409.1	401.6	353.1	545.5
65°	500.6	364.3	362.4	321.3	463.3
67.5°	446.5	334.4	332.5	291.4	353.1
70°	388.5	302.6	298.9	259.7	261.5
72.5°	328.8	267.1	263.4	233.5	216.7
75°	269.0	226.0	224.2	203.6	175.6
77.5°	211.1	179.3	183.1	164.4	128.9
80°	151.3	130.8	134.5	117.7	97.1
82.5°	100.9	85.9	89.7	74.7	65.4
85°	56.0	48.6	50.4	39.2	29.9
87.5°	26.2	22.4	22.4	14.9	9.3
90°	42.6	27.1	25.1	17.5	9.7
92.5°	262.5	186.7	170.3	104.4	38.7
95°	645.8	363.7	333.6	213.2	92.8
97.5°	869.8	399.5	372.9	266.8	160.6
100°	951.4	429.5	405.4	309.1	212.8
102.5°	988.8	459.4	436.9	347.1	257.2
105°	1016.5	503.9	484.8	408.8	332.7
107.5°	1021.6	569.6	551.9	481.0	410.1
110°	1014.0	606.4	590.5	526.4	462.3



TEST NUMBER: P935608

CATALOG NUMBER: SQ4-FA-125U-075D-B50-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1014.2	650.9	635.7	574.6	513.6
115°	1023.6	717.6	703.5	647.3	590.9
117.5°	1042.6	782.4	769.6	718.5	667.3
120°	1058.0	820.1	808.1	760.0	711.8
122.5°	1080.3	864.6	852.5	803.9	755.3
125°	1110.2	921.7	910.6	866.4	822.1
127.5°	1140.3	976.9	965.7	921.0	876.3
130°	1162.2	1013.6	1001.5	953.4	905.2
132.5°	1179.9	1043.6	1031.5	983.4	935.2
135°	1199.3	1078.4	1067.5	1023.6	979.8
137.5°	1228.3	1122.9	1112.0	1068.6	1025.2
140°	1246.0	1152.8	1142.8	1102.9	1062.9
142.5°	1260.8	1175.1	1165.8	1128.9	1091.9
145°	1280.2	1209.0	1200.9	1168.6	1136.4
147.5°	1308.6	1251.6	1243.7	1212.3	1180.9
150°	1323.4	1273.8	1266.7	1238.3	1209.9
152.5°	1333.1	1288.3	1282.8	1261.4	1239.9
155°	1354.4	1320.2	1316.2	1300.3	1284.4
157.5°	1375.6	1352.1	1348.2	1332.7	1317.3
160°	1385.3	1366.6	1363.6	1351.6	1339.5
162.5°	1395.6	1382.0	1379.8	1370.7	1361.8
165°	1410.4	1404.4	1402.3	1394.2	1386.0
167.5°	1422.0	1416.9	1415.9	1412.0	1408.2
170°	1431.7	1431.4	1430.5	1426.6	1422.7
172.5°	1432.4	1432.4	1432.2	1431.3	1430.4
175°	1438.2	1441.1	1441.1	1441.1	1441.1
177.5°	1438.8	1441.1	1441.1	1441.1	1441.1
180°	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935608  
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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	10.98	11.73	12.05	12.80	14.26	13.82	14.56	14.89	15.64	17.10
	3H	11.45	12.11	12.53	13.20	14.68	15.16	15.82	16.24	16.91	18.39
	4H	11.63	12.27	12.73	13.35	14.84	15.60	16.23	16.69	17.31	18.80
	6H	11.75	12.33	12.85	13.42	14.92	15.88	16.46	16.98	17.55	19.05
	8H	11.74	12.30	12.85	13.40	14.90	15.95	16.50	17.06	17.61	19.10
	12H	11.71	12.24	12.82	13.33	14.85	15.99	16.51	17.10	17.61	19.13
4H	2H	12.00	12.63	13.10	13.72	15.21	14.21	14.84	15.31	15.93	17.42
	3H	13.02	13.54	14.12	14.65	16.16	15.71	16.24	16.82	17.35	18.85
	4H	13.29	13.77	14.40	14.87	16.39	16.23	16.72	17.35	17.82	19.34
	6H	13.41	13.82	14.53	14.94	16.46	16.59	17.01	17.71	18.13	19.65
	8H	13.41	13.80	14.53	14.91	16.44	16.70	17.09	17.82	18.20	19.73
	12H	13.37	13.72	14.51	14.85	16.39	16.75	17.10	17.89	18.23	19.77
8H	4H	13.73	14.12	14.85	15.24	16.77	16.35	16.74	17.47	17.85	19.38
	6H	13.99	14.31	15.13	15.47	17.00	16.78	17.10	17.92	18.26	19.79
	8H	14.03	14.31	15.18	15.45	17.00	16.93	17.21	18.08	18.35	19.90
	12H	14.01	14.26	15.16	15.39	16.97	17.03	17.27	18.18	18.41	19.99
12H	4H	13.73	14.08	14.87	15.21	16.75	16.31	16.66	17.44	17.79	19.32
	6H	14.05	14.33	15.20	15.47	17.02	16.78	17.06	17.93	18.20	19.75
	8H	14.11	14.36	15.26	15.49	17.08	16.94	17.18	18.09	18.32	19.90