

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: P935512

Luminaire Tested: SQ4-FA-125U-075D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935512
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-830-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

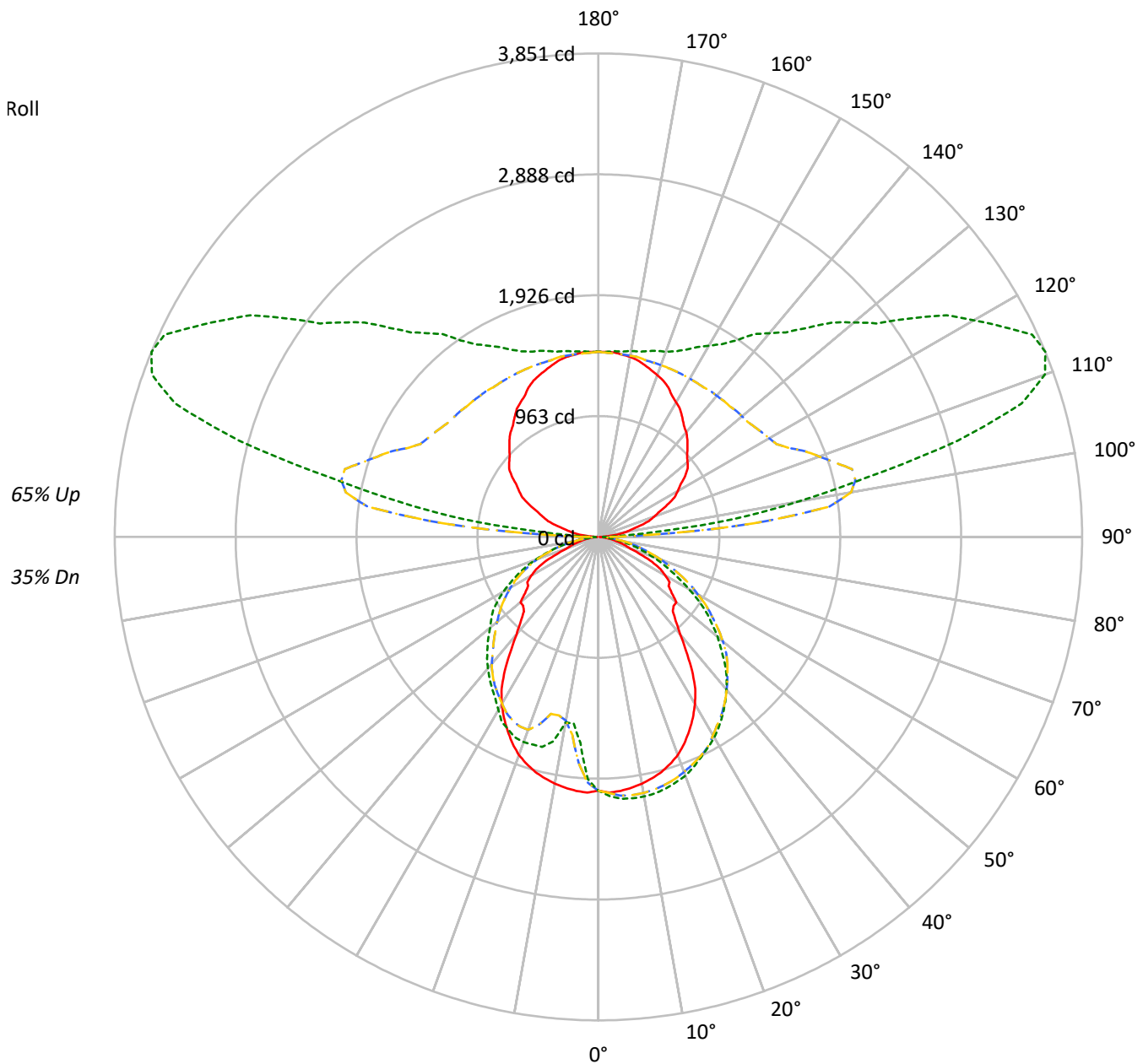
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14807.5 lumens
Efficiency: N/A
Efficacy: 133.2 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): 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°	9376	9376	9376	9376
5°	9446	9465	9446	7442
10°	9383	9323	9383	6665
15°	9281	9121	9281	7617
20°	9087	8882	9087	7632
25°	8689	8533	8689	7470
30°	8176	8243	8176	7116
35°	7289	7876	7289	6725
40°	6074	7445	6074	6430
45°	5427	6940	5427	6091
50°	5766	6338	5766	5752
55°	5425	5689	5425	5554
60°	5592	4832	5592	5087
65°	5070	3994	5070	4465
70°	3511	3183	3511	3743
75°	3078	2353	3078	2818
80°	2480	1556	2480	1694
85°	1425	824	1425	700

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8317 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.4	1.2
10°-20°	517.9	3.5
20°-30°	800.6	5.4
30°-40°	955.8	6.5
40°-50°	961.4	6.5
50°-60°	836.6	5.6
60°-70°	593.2	4.0
70°-80°	313.8	2.1
80°-90°	83.8	0.6
90°-100°	719.0	4.9
100°-110°	1890.3	12.8
110°-120°	1960.0	13.2
120°-130°	1572.2	10.6
130°-140°	1233.6	8.3
140°-150°	946.8	6.4
150°-160°	681.9	4.6
160°-170°	417.2	2.8
170°-180°	141.0	1.0
0°-30°	1501.0	10.1
0°-40°	2456.8	16.6
0°-60°	4254.7	28.7
0°-90°	5245.5	35.4
90°-120°	4569.3	30.9
90°-150°	8322.0	56.2
90°-180°	9562.0	64.6
0°-180°	14807.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2021	2021	2021	2021	2021	
5°	2030	2094	2030	1646	2030	193
15°	1939	2074	1939	1732	1939	545
25°	1707	1935	1707	1694	1707	784
35°	1298	1726	1298	1474	1298	803
45°	838	1422	838	1248	838	671
55°	683	1050	683	1025	683	627
65°	474	633	474	707	474	453
75°	180	300	180	360	180	189
85°	31	76	31	65	31	41
90°	10	38	10	38	10	9
95°	95	435	95	435	95	106
105°	340	2960	340	2960	340	361
115°	605	3811	605	3811	605	597
125°	842	3035	842	3035	842	747
135°	1003	2355	1003	2355	1003	776
145°	1163	1911	1163	1911	1163	729
155°	1315	1645	1315	1645	1315	604
165°	1419	1532	1419	1532	1419	400
175°	1475	1485	1475	1485	1475	140
180°	1475	1475	1475	1475	1475	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2038.1	2038.1	2049.6	2053.4	2053.4	2047.7	2041.9	2047.7	2064.9	2070.6	2068.7
5°	2030.4	2045.7	2066.8	2070.6	2074.4	2072.5	2068.7	2072.5	2091.6	2095.5	2097.4
7.5°	2015.2	2043.8	2070.6	2076.3	2082.1	2076.3	2074.4	2078.2	2097.4	2101.2	2101.2
10°	1996.0	2036.2	2066.8	2070.6	2076.3	2070.6	2070.6	2078.2	2097.4	2101.2	2103.1
12.5°	1969.3	2024.7	2053.4	2057.2	2064.9	2063.0	2061.0	2068.7	2087.8	2091.6	2091.6
15°	1938.7	2003.7	2030.4	2034.3	2047.7	2043.8	2043.8	2051.5	2072.5	2078.2	2076.3
17.5°	1896.6	1976.9	2007.5	2013.2	2022.8	2020.9	2022.8	2030.4	2049.6	2053.4	2055.3
20°	1848.8	1940.6	1976.9	1982.6	1992.2	1992.2	1992.2	2001.8	2020.9	2028.5	2028.5
22.5°	1783.8	1902.3	1940.6	1944.4	1955.9	1955.9	1959.7	1973.1	1990.3	1992.2	1992.2
25°	1707.3	1860.3	1892.8	1904.3	1915.7	1921.5	1927.2	1934.8	1940.6	1938.7	1940.6
27.5°	1627.0	1806.7	1848.8	1856.5	1871.8	1877.5	1885.1	1887.0	1889.0	1894.7	1890.9
30°	1537.2	1732.2	1795.3	1802.9	1827.8	1831.6	1824.0	1827.8	1837.3	1841.2	1845.0
32.5°	1435.8	1621.3	1739.8	1757.0	1780.0	1768.5	1766.6	1772.3	1787.6	1787.6	1791.4
35°	1298.2	1535.2	1688.2	1703.5	1720.7	1707.3	1715.0	1716.9	1726.4	1732.2	1730.3
37.5°	1147.1	1460.7	1634.7	1646.1	1659.5	1642.3	1653.8	1659.5	1667.2	1663.3	1663.3
40°	1013.4	1344.0	1571.6	1579.2	1590.7	1577.3	1588.8	1592.6	1596.4	1592.6	1590.7
42.5°	913.9	1215.9	1504.6	1514.2	1506.6	1516.1	1519.9	1527.6	1521.9	1514.2	1514.2
45°	837.5	1181.5	1432.0	1443.5	1432.0	1447.3	1453.0	1453.0	1435.8	1432.0	1430.1
47.5°	812.6	1112.8	1359.3	1359.3	1353.6	1372.7	1382.3	1368.9	1351.7	1346.0	1346.0
50°	810.7	1036.3	1259.9	1252.3	1279.0	1302.0	1292.4	1279.0	1265.6	1244.6	1244.6
52.5°	736.1	942.6	1131.9	1160.5	1202.6	1215.9	1200.6	1187.3	1164.3	1154.8	1147.1
55°	682.6	845.1	1015.3	1072.6	1116.6	1133.8	1105.1	1091.8	1057.3	1051.6	1047.8
57.5°	671.1	703.6	908.2	980.9	1034.4	1032.5	1015.3	990.4	961.7	956.0	954.1
60°	615.7	508.6	793.5	879.5	935.0	929.2	913.9	891.0	864.2	860.4	856.6
62.5°	558.3	369.0	663.5	761.0	839.4	837.5	824.1	789.7	770.5	761.0	753.3
65°	474.2	309.7	472.3	632.9	745.7	749.5	720.8	696.0	674.9	663.5	661.6
67.5°	361.4	252.4	319.3	527.7	655.8	652.0	615.7	604.2	577.4	571.7	560.2
70°	267.7	168.3	221.8	428.3	567.9	558.3	529.6	516.2	491.4	478.0	470.4
72.5°	221.8	135.8	162.5	332.7	478.0	466.5	441.7	426.4	405.3	393.9	386.2
75°	179.7	143.4	124.3	246.6	388.1	380.5	357.5	342.2	325.0	309.7	311.7
77.5°	131.9	133.8	99.4	181.6	307.8	296.4	283.0	263.9	256.2	240.9	240.9
80°	99.4	105.2	74.6	124.3	221.8	221.8	210.3	196.9	183.6	175.9	175.9
82.5°	66.9	66.9	55.4	78.4	151.0	145.3	137.7	133.8	126.2	122.4	122.4
85°	30.6	38.2	34.4	47.8	82.2	86.0	86.0	82.2	80.3	76.5	78.4
87.5°	9.6	17.2	21.0	26.8	42.1	44.0	45.9	45.9	45.9	47.8	47.8
90°	9.9	17.9	25.7	27.7	43.6	64.7	75.2	66.8	50.1	37.6	37.6
92.5°	39.6	106.9	174.3	191.1	268.6	372.0	423.7	371.3	266.6	188.0	180.6
95°	95.0	218.3	341.5	372.3	661.0	1046.0	1238.4	1105.1	838.5	638.5	615.9
97.5°	164.3	273.0	381.7	408.9	890.3	1532.3	1853.2	1769.0	1600.4	1474.1	1430.9
100°	217.8	316.3	414.9	439.6	973.8	1686.1	2042.3	2048.4	2060.8	2070.0	2018.7
102.5°	263.3	355.2	447.2	470.3	1012.1	1734.6	2095.7	2203.1	2417.8	2578.8	2534.8
105°	340.5	418.4	496.3	515.8	1040.4	1740.0	2089.8	2330.4	2811.8	3172.8	3149.2
107.5°	419.8	492.3	564.9	583.1	1045.7	1662.6	1971.0	2306.7	2978.1	3481.7	3487.4
110°	473.2	538.8	604.4	620.7	1037.8	1593.9	1872.0	2247.4	2997.9	3560.8	3585.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	525.7	588.1	650.7	666.2	1038.1	1534.0	1781.9	2166.0	2934.2	3510.3	3548.2
115°	604.9	662.5	720.1	734.5	1047.7	1465.3	1674.1	2044.0	2784.1	3339.1	3391.6
117.5°	683.1	735.5	787.7	800.8	1067.2	1422.2	1599.8	1933.7	2601.6	3102.5	3160.7
120°	728.6	777.9	827.1	839.5	1083.0	1407.7	1570.0	1875.2	2485.4	2943.1	2999.6
122.5°	773.1	822.8	872.5	885.0	1105.7	1400.1	1547.3	1822.0	2371.6	2783.8	2839.5
125°	841.5	886.8	932.1	943.4	1136.4	1393.8	1522.5	1756.0	2222.8	2572.9	2624.2
127.5°	896.9	942.7	988.4	999.9	1167.2	1390.2	1501.8	1702.2	2103.0	2403.6	2446.9
130°	926.6	975.9	1025.1	1037.5	1189.6	1392.4	1493.8	1672.2	2029.1	2296.7	2336.8
132.5°	957.2	1006.6	1055.8	1068.1	1207.7	1393.8	1486.9	1646.6	1966.0	2205.6	2241.4
135°	1002.8	1047.7	1092.6	1103.8	1227.5	1392.5	1475.0	1608.8	1876.2	2076.9	2107.8
137.5°	1049.3	1093.8	1138.2	1149.3	1257.2	1401.1	1473.0	1586.1	1812.3	1981.9	2007.2
140°	1087.9	1128.8	1169.8	1180.0	1275.4	1402.5	1466.1	1563.8	1759.1	1905.7	1929.3
142.5°	1117.7	1155.5	1193.3	1202.7	1290.5	1407.6	1466.1	1551.9	1723.5	1852.2	1872.5
145°	1163.2	1196.1	1229.2	1237.4	1310.4	1407.6	1456.2	1526.3	1666.8	1772.0	1787.4
147.5°	1208.8	1240.9	1273.0	1281.0	1339.5	1417.3	1456.2	1511.4	1621.9	1704.7	1717.5
150°	1238.4	1267.5	1296.5	1303.8	1354.6	1422.3	1456.2	1502.8	1596.1	1666.1	1676.4
152.5°	1269.1	1291.1	1313.1	1318.6	1364.5	1425.6	1456.2	1496.0	1575.7	1635.4	1643.3
155°	1314.7	1330.9	1347.2	1351.3	1386.3	1432.9	1456.2	1487.9	1551.3	1598.8	1604.0
157.5°	1348.3	1364.1	1380.0	1383.9	1408.0	1440.1	1456.2	1480.8	1530.1	1567.1	1570.7
160°	1371.1	1383.4	1395.8	1398.8	1417.9	1443.5	1456.2	1477.3	1519.6	1551.2	1553.3
162.5°	1393.8	1403.0	1412.3	1414.6	1428.5	1446.9	1456.2	1474.0	1509.6	1536.4	1538.4
165°	1418.6	1427.0	1435.3	1437.4	1443.7	1452.0	1456.2	1469.0	1494.5	1513.6	1515.7
167.5°	1441.4	1445.3	1449.3	1450.3	1455.5	1462.6	1466.1	1474.4	1491.2	1503.7	1504.6
170°	1456.2	1460.2	1464.2	1465.2	1465.5	1465.9	1466.1	1474.4	1491.2	1503.7	1503.7
172.5°	1464.1	1465.0	1465.9	1466.1	1466.1	1466.1	1466.1	1472.7	1485.9	1495.9	1495.1
175°	1475.0	1475.0	1475.0	1475.0	1472.0	1468.1	1466.1	1470.3	1478.6	1485.0	1485.0
177.5°	1475.0	1475.0	1475.0	1475.0	1472.7	1469.7	1468.1	1471.4	1478.0	1482.9	1482.1
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2072.5	2066.8	2072.5	2068.7	2070.6	2064.9	2047.7	2041.9	2047.7	2053.4	2053.4
5°	2097.4	2093.5	2097.4	2097.4	2095.5	2091.6	2072.5	2068.7	2072.5	2074.4	2070.6
7.5°	2105.0	2099.3	2105.0	2101.2	2101.2	2097.4	2078.2	2074.4	2076.3	2082.1	2076.3
10°	2105.0	2099.3	2105.0	2103.1	2101.2	2097.4	2078.2	2070.6	2070.6	2076.3	2070.6
12.5°	2095.5	2091.6	2095.5	2091.6	2091.6	2087.8	2068.7	2061.0	2063.0	2064.9	2057.2
15°	2080.2	2074.4	2080.2	2076.3	2078.2	2072.5	2051.5	2043.8	2043.8	2047.7	2034.3
17.5°	2057.2	2049.6	2057.2	2055.3	2053.4	2049.6	2030.4	2022.8	2020.9	2022.8	2013.2
20°	2030.4	2024.7	2030.4	2028.5	2028.5	2020.9	2001.8	1992.2	1992.2	1992.2	1982.6
22.5°	1988.4	1982.6	1988.4	1992.2	1992.2	1990.3	1973.1	1959.7	1955.9	1955.9	1944.4
25°	1940.6	1934.8	1940.6	1940.6	1938.7	1940.6	1934.8	1927.2	1921.5	1915.7	1904.3
27.5°	1894.7	1890.9	1894.7	1890.9	1894.7	1889.0	1887.0	1885.1	1877.5	1871.8	1856.5
30°	1848.8	1845.0	1848.8	1845.0	1841.2	1837.3	1827.8	1824.0	1831.6	1827.8	1802.9
32.5°	1791.4	1787.6	1791.4	1791.4	1787.6	1787.6	1772.3	1766.6	1768.5	1780.0	1757.0
35°	1732.2	1726.4	1732.2	1730.3	1732.2	1726.4	1716.9	1715.0	1707.3	1720.7	1703.5
37.5°	1663.3	1657.6	1663.3	1663.3	1663.3	1667.2	1659.5	1653.8	1642.3	1659.5	1646.1
40°	1592.6	1585.0	1592.6	1590.7	1592.6	1596.4	1592.6	1588.8	1577.3	1590.7	1579.2
42.5°	1512.3	1510.4	1512.3	1514.2	1514.2	1521.9	1527.6	1519.9	1516.1	1506.6	1514.2
45°	1426.3	1422.4	1426.3	1430.1	1432.0	1435.8	1453.0	1453.0	1447.3	1432.0	1443.5
47.5°	1334.5	1324.9	1334.5	1346.0	1346.0	1351.7	1368.9	1382.3	1372.7	1353.6	1359.3
50°	1237.0	1238.9	1237.0	1244.6	1244.6	1265.6	1279.0	1292.4	1302.0	1279.0	1252.3
52.5°	1141.4	1139.6	1141.4	1147.1	1154.8	1164.3	1187.3	1200.6	1215.9	1202.6	1160.5
55°	1045.9	1049.7	1045.9	1047.8	1051.6	1057.3	1091.8	1105.1	1133.8	1116.6	1072.6
57.5°	950.3	944.5	950.3	954.1	956.0	961.7	990.4	1015.3	1032.5	1034.4	980.9
60°	839.4	831.7	839.4	856.6	860.4	864.2	891.0	913.9	929.2	935.0	879.5
62.5°	741.9	728.5	741.9	753.3	761.0	770.5	789.7	824.1	837.5	839.4	761.0
65°	638.6	632.9	638.6	661.6	663.5	674.9	696.0	720.8	749.5	745.7	632.9
67.5°	544.9	544.9	544.9	560.2	571.7	577.4	604.2	615.7	652.0	655.8	527.7
70°	458.9	457.0	458.9	470.4	478.0	491.4	516.2	529.6	558.3	567.9	428.3
72.5°	376.7	374.8	376.7	386.2	393.9	405.3	426.4	441.7	466.5	478.0	332.7
75°	304.0	300.2	304.0	311.7	309.7	325.0	342.2	357.5	380.5	388.1	246.6
77.5°	233.3	233.3	233.3	240.9	240.9	256.2	263.9	283.0	296.4	307.8	181.6
80°	174.0	172.1	174.0	175.9	175.9	183.6	196.9	210.3	221.8	221.8	124.3
82.5°	122.4	118.5	122.4	122.4	122.4	126.2	133.8	137.7	145.3	151.0	78.4
85°	76.5	76.5	76.5	78.4	76.5	80.3	82.2	86.0	86.0	82.2	47.8
87.5°	49.7	47.8	49.7	47.8	47.8	45.9	45.9	45.9	44.0	42.1	26.8
90°	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.2	64.7	43.6	27.7
92.5°	150.7	120.7	150.7	180.6	188.0	266.6	371.3	423.7	372.0	268.6	191.1
95°	525.2	434.6	525.2	615.9	638.5	838.5	1105.1	1238.4	1046.0	661.0	372.3
97.5°	1258.5	1086.0	1258.5	1430.9	1474.1	1600.4	1769.0	1853.2	1532.3	890.3	408.9
100°	1813.1	1607.7	1813.1	2018.7	2070.0	2060.8	2048.4	2042.3	1686.1	973.8	439.6
102.5°	2358.8	2182.8	2358.8	2534.8	2578.8	2417.8	2203.1	2095.7	1734.6	1012.1	470.3
105°	3054.5	2960.0	3054.5	3149.2	3172.8	2811.8	2330.4	2089.8	1740.0	1040.4	515.8
107.5°	3510.2	3533.1	3510.2	3487.4	3481.7	2978.1	2306.7	1971.0	1662.6	1045.7	583.1
110°	3684.0	3782.6	3684.0	3585.5	3560.8	2997.9	2247.4	1872.0	1593.9	1037.8	620.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3699.5	3850.9	3699.5	3548.2	3510.3	2934.2	2166.0	1781.9	1534.0	1038.1	666.2
115°	3601.4	3811.3	3601.4	3391.6	3339.1	2784.1	2044.0	1674.1	1465.3	1047.7	734.5
117.5°	3393.4	3626.2	3393.4	3160.7	3102.5	2601.6	1933.7	1599.8	1422.2	1067.2	800.8
120°	3225.8	3451.9	3225.8	2999.6	2943.1	2485.4	1875.2	1570.0	1407.7	1083.0	839.5
122.5°	3062.6	3285.7	3062.6	2839.5	2783.8	2371.6	1822.0	1547.3	1400.1	1105.7	885.0
125°	2829.8	3035.2	2829.8	2624.2	2572.9	2222.8	1756.0	1522.5	1393.8	1136.4	943.4
127.5°	2620.3	2793.6	2620.3	2446.9	2403.6	2103.0	1702.2	1501.8	1390.2	1167.2	999.9
130°	2496.9	2657.0	2496.9	2336.8	2296.7	2029.1	1672.2	1493.8	1392.4	1189.6	1037.5
132.5°	2384.9	2528.3	2384.9	2241.4	2205.6	1966.0	1646.6	1486.9	1393.8	1207.7	1068.1
135°	2231.5	2355.1	2231.5	2107.8	2076.9	1876.2	1608.8	1475.0	1392.5	1227.5	1103.8
137.5°	2108.4	2209.6	2108.4	2007.2	1981.9	1812.3	1586.1	1473.0	1401.1	1257.2	1149.3
140°	2023.9	2118.5	2023.9	1929.3	1905.7	1759.1	1563.8	1466.1	1402.5	1275.4	1180.0
142.5°	1953.9	2035.3	1953.9	1872.5	1852.2	1723.5	1551.9	1466.1	1407.6	1290.5	1202.7
145°	1849.0	1910.6	1849.0	1787.4	1772.0	1666.8	1526.3	1456.2	1407.6	1310.4	1237.4
147.5°	1768.5	1819.6	1768.5	1717.5	1704.7	1621.9	1511.4	1456.2	1417.3	1339.5	1281.0
150°	1717.8	1759.1	1717.8	1676.4	1666.1	1596.1	1502.8	1456.2	1422.3	1354.6	1303.8
152.5°	1674.4	1705.7	1674.4	1643.3	1635.4	1575.7	1496.0	1456.2	1425.6	1364.5	1318.6
155°	1624.6	1645.3	1624.6	1604.0	1598.8	1551.3	1487.9	1456.2	1432.9	1386.3	1351.3
157.5°	1585.2	1599.8	1585.2	1570.7	1567.1	1530.1	1480.8	1456.2	1440.1	1408.0	1383.9
160°	1561.6	1570.0	1561.6	1553.3	1551.2	1519.6	1477.3	1456.2	1443.5	1417.9	1398.8
162.5°	1546.3	1554.3	1546.3	1538.4	1536.4	1509.6	1474.0	1456.2	1446.9	1428.5	1414.6
165°	1524.1	1532.5	1524.1	1515.7	1513.6	1494.5	1469.0	1456.2	1452.0	1443.7	1437.4
167.5°	1508.1	1511.6	1508.1	1504.6	1503.7	1491.2	1474.4	1466.1	1462.6	1455.5	1450.3
170°	1503.7	1503.7	1503.7	1503.7	1503.7	1491.2	1474.4	1466.1	1465.9	1465.5	1465.2
172.5°	1491.9	1488.9	1491.9	1495.1	1495.9	1485.9	1472.7	1466.1	1466.1	1466.1	1466.1
175°	1485.0	1485.0	1485.0	1485.0	1485.0	1478.6	1470.3	1466.1	1468.1	1472.0	1475.0
177.5°	1478.5	1475.0	1478.5	1482.1	1482.9	1478.0	1471.4	1468.1	1469.7	1472.7	1475.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2049.6	2038.1	2038.1	2019.0	2011.3	2005.6	1996.0	1967.4	1959.7	1952.1	1963.5
5°	2066.8	2045.7	2030.4	1996.0	1967.4	1955.9	1919.6	1850.7	1804.8	1770.4	1751.3
7.5°	2070.6	2043.8	2015.2	1961.6	1892.8	1862.2	1751.3	1625.1	1590.7	1560.1	1541.0
10°	2066.8	2036.2	1996.0	1915.7	1753.2	1699.7	1588.8	1506.6	1485.5	1479.8	1485.5
12.5°	2053.4	2024.7	1969.3	1835.4	1607.9	1571.6	1506.6	1458.8	1454.9	1464.5	1516.1
15°	2030.4	2003.7	1938.7	1728.4	1527.6	1500.8	1454.9	1437.7	1458.8	1525.7	1680.6
17.5°	2007.5	1976.9	1896.6	1623.2	1466.4	1447.3	1414.8	1449.2	1567.7	1657.6	1709.2
20°	1976.9	1940.6	1848.8	1546.7	1422.4	1405.2	1389.9	1544.8	1634.7	1667.2	1695.8
22.5°	1940.6	1902.3	1783.8	1493.2	1376.5	1363.2	1372.7	1598.3	1634.7	1657.6	1682.5
25°	1892.8	1860.3	1707.3	1451.1	1340.2	1324.9	1361.2	1592.6	1613.6	1619.4	1669.1
27.5°	1848.8	1806.7	1627.0	1412.9	1296.2	1290.5	1370.8	1567.7	1583.0	1588.8	1642.3
30°	1795.3	1732.2	1537.2	1372.7	1250.4	1248.4	1372.7	1537.2	1533.3	1548.6	1602.2
32.5°	1739.8	1621.3	1435.8	1323.0	1206.4	1204.5	1359.3	1491.3	1487.4	1508.5	1548.6
35°	1688.2	1535.2	1298.2	1265.6	1150.9	1152.8	1326.8	1437.7	1439.6	1458.8	1483.6
37.5°	1634.7	1460.7	1147.1	1202.6	1097.5	1097.5	1282.9	1388.0	1384.2	1389.9	1424.3
40°	1571.6	1344.0	1013.4	1120.4	1047.8	1042.0	1229.3	1334.5	1321.1	1319.2	1367.0
42.5°	1504.6	1215.9	913.9	1011.4	990.4	982.8	1164.3	1269.5	1244.6	1250.4	1311.5
45°	1432.0	1181.5	837.5	854.7	931.1	925.4	1093.7	1194.9	1177.7	1193.0	1256.1
47.5°	1359.3	1112.8	812.6	709.4	868.0	866.1	1015.3	1122.3	1112.8	1128.1	1194.9
50°	1259.9	1036.3	810.7	608.0	797.3	805.0	921.6	1051.6	1051.6	1065.0	1135.7
52.5°	1131.9	942.6	736.1	550.7	715.1	738.0	839.4	990.4	994.2	1007.6	1070.7
55°	1015.3	845.1	682.6	506.7	617.6	667.3	759.1	927.3	935.0	948.4	1005.7
57.5°	908.2	703.6	671.1	455.1	527.7	575.5	688.3	866.1	870.0	881.4	936.9
60°	793.5	508.6	615.7	399.6	449.3	485.6	623.3	793.5	806.9	814.5	862.3
62.5°	663.5	369.0	558.3	361.4	411.1	418.7	569.8	724.6	741.9	747.6	776.3
65°	472.3	309.7	474.2	328.9	370.9	372.8	512.4	653.9	669.2	678.8	699.8
67.5°	319.3	252.4	361.4	298.3	340.3	342.2	457.0	571.7	592.7	600.4	613.8
70°	221.8	168.3	267.7	265.8	305.9	309.7	397.7	497.1	516.2	522.0	529.6
72.5°	162.5	135.8	221.8	239.0	269.6	273.4	336.5	413.0	432.1	437.8	441.7
75°	124.3	143.4	179.7	208.4	229.4	231.4	275.3	336.5	349.9	353.7	355.6
77.5°	99.4	133.8	131.9	168.3	187.4	183.6	216.1	260.0	271.5	271.5	271.5
80°	74.6	105.2	99.4	120.5	137.7	133.8	154.9	185.5	189.3	193.1	191.2
82.5°	55.4	66.9	66.9	76.5	91.8	88.0	103.2	120.5	120.5	120.5	124.3
85°	34.4	38.2	30.6	40.2	51.6	49.7	57.4	65.0	66.9	66.9	63.1
87.5°	21.0	17.2	9.6	15.3	22.9	22.9	26.8	28.7	26.8	26.8	26.8
90°	25.7	17.9	9.9	17.9	25.7	27.7	43.6	64.7	75.2	66.8	50.1
92.5°	174.3	106.9	39.6	106.9	174.3	191.1	268.6	372.0	423.7	371.3	266.6
95°	341.5	218.3	95.0	218.3	341.5	372.3	661.0	1046.0	1238.4	1105.1	838.5
97.5°	381.7	273.0	164.3	273.0	381.7	408.9	890.3	1532.3	1853.2	1769.0	1600.4
100°	414.9	316.3	217.8	316.3	414.9	439.6	973.8	1686.1	2042.3	2048.4	2060.8
102.5°	447.2	355.2	263.3	355.2	447.2	470.3	1012.1	1734.6	2095.7	2203.1	2417.8
105°	496.3	418.4	340.5	418.4	496.3	515.8	1040.4	1740.0	2089.8	2330.4	2811.8
107.5°	564.9	492.3	419.8	492.3	564.9	583.1	1045.7	1662.6	1971.0	2306.7	2978.1
110°	604.4	538.8	473.2	538.8	604.4	620.7	1037.8	1593.9	1872.0	2247.4	2997.9



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CATALOG NUMBER: SQ4-FA-125U-075D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	650.7	588.1	525.7	588.1	650.7	666.2	1038.1	1534.0	1781.9	2166.0	2934.2
115°	720.1	662.5	604.9	662.5	720.1	734.5	1047.7	1465.3	1674.1	2044.0	2784.1
117.5°	787.7	735.5	683.1	735.5	787.7	800.8	1067.2	1422.2	1599.8	1933.7	2601.6
120°	827.1	777.9	728.6	777.9	827.1	839.5	1083.0	1407.7	1570.0	1875.2	2485.4
122.5°	872.5	822.8	773.1	822.8	872.5	885.0	1105.7	1400.1	1547.3	1822.0	2371.6
125°	932.1	886.8	841.5	886.8	932.1	943.4	1136.4	1393.8	1522.5	1756.0	2222.8
127.5°	988.4	942.7	896.9	942.7	988.4	999.9	1167.2	1390.2	1501.8	1702.2	2103.0
130°	1025.1	975.9	926.6	975.9	1025.1	1037.5	1189.6	1392.4	1493.8	1672.2	2029.1
132.5°	1055.8	1006.6	957.2	1006.6	1055.8	1068.1	1207.7	1393.8	1486.9	1646.6	1966.0
135°	1092.6	1047.7	1002.8	1047.7	1092.6	1103.8	1227.5	1392.5	1475.0	1608.8	1876.2
137.5°	1138.2	1093.8	1049.3	1093.8	1138.2	1149.3	1257.2	1401.1	1473.0	1586.1	1812.3
140°	1169.8	1128.8	1087.9	1128.8	1169.8	1180.0	1275.4	1402.5	1466.1	1563.8	1759.1
142.5°	1193.3	1155.5	1117.7	1155.5	1193.3	1202.7	1290.5	1407.6	1466.1	1551.9	1723.5
145°	1229.2	1196.1	1163.2	1196.1	1229.2	1237.4	1310.4	1407.6	1456.2	1526.3	1666.8
147.5°	1273.0	1240.9	1208.8	1240.9	1273.0	1281.0	1339.5	1417.3	1456.2	1511.4	1621.9
150°	1296.5	1267.5	1238.4	1267.5	1296.5	1303.8	1354.6	1422.3	1456.2	1502.8	1596.1
152.5°	1313.1	1291.1	1269.1	1291.1	1313.1	1318.6	1364.5	1425.6	1456.2	1496.0	1575.7
155°	1347.2	1330.9	1314.7	1330.9	1347.2	1351.3	1386.3	1432.9	1456.2	1487.9	1551.3
157.5°	1380.0	1364.1	1348.3	1364.1	1380.0	1383.9	1408.0	1440.1	1456.2	1480.8	1530.1
160°	1395.8	1383.4	1371.1	1383.4	1395.8	1398.8	1417.9	1443.5	1456.2	1477.3	1519.6
162.5°	1412.3	1403.0	1393.8	1403.0	1412.3	1414.6	1428.5	1446.9	1456.2	1474.0	1509.6
165°	1435.3	1427.0	1418.6	1427.0	1435.3	1437.4	1443.7	1452.0	1456.2	1469.0	1494.5
167.5°	1449.3	1445.3	1441.4	1445.3	1449.3	1450.3	1455.5	1462.6	1466.1	1474.4	1491.2
170°	1464.2	1460.2	1456.2	1460.2	1464.2	1465.2	1465.5	1465.9	1466.1	1474.4	1491.2
172.5°	1465.9	1465.0	1464.1	1465.0	1465.9	1466.1	1466.1	1466.1	1466.1	1472.7	1485.9
175°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1472.0	1468.1	1466.1	1470.3	1478.6
177.5°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1472.7	1469.7	1468.1	1471.4	1478.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



TEST NUMBER: P935512
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1950.1	1944.4	1952.1	1931.0	1952.1	1944.4	1950.1	1963.5	1952.1	1959.7	1967.4
5°	1711.1	1701.6	1671.0	1646.1	1671.0	1701.6	1711.1	1751.3	1770.4	1804.8	1850.7
7.5°	1529.5	1521.9	1514.2	1498.9	1514.2	1521.9	1529.5	1541.0	1560.1	1590.7	1625.1
10°	1489.4	1491.3	1502.7	1500.8	1502.7	1491.3	1489.4	1485.5	1479.8	1485.5	1506.6
12.5°	1592.6	1609.8	1672.9	1669.1	1672.9	1609.8	1592.6	1516.1	1464.5	1454.9	1458.8
15°	1711.1	1716.9	1730.3	1732.2	1730.3	1716.9	1711.1	1680.6	1525.7	1458.8	1437.7
17.5°	1722.6	1724.5	1734.1	1734.1	1734.1	1724.5	1722.6	1709.2	1657.6	1567.7	1449.2
20°	1713.1	1716.9	1736.0	1739.8	1736.0	1716.9	1713.1	1695.8	1667.2	1634.7	1544.8
22.5°	1709.2	1716.9	1732.2	1730.3	1732.2	1716.9	1709.2	1682.5	1657.6	1634.7	1598.3
25°	1690.1	1690.1	1692.0	1693.9	1692.0	1690.1	1690.1	1669.1	1619.4	1613.6	1592.6
27.5°	1650.0	1653.8	1665.3	1663.3	1665.3	1653.8	1650.0	1642.3	1588.8	1583.0	1567.7
30°	1613.6	1609.8	1600.2	1592.6	1600.2	1609.8	1613.6	1602.2	1548.6	1533.3	1537.2
32.5°	1552.4	1542.9	1533.3	1527.6	1533.3	1542.9	1552.4	1548.6	1508.5	1487.4	1491.3
35°	1479.8	1481.7	1479.8	1474.1	1479.8	1481.7	1479.8	1483.6	1458.8	1439.6	1437.7
37.5°	1428.2	1432.0	1430.1	1422.4	1430.1	1432.0	1428.2	1424.3	1389.9	1384.2	1388.0
40°	1374.6	1376.5	1374.6	1368.9	1374.6	1376.5	1374.6	1367.0	1319.2	1321.1	1334.5
42.5°	1323.0	1321.1	1315.4	1311.5	1315.4	1321.1	1323.0	1311.5	1250.4	1244.6	1269.5
45°	1263.7	1265.6	1254.2	1248.4	1254.2	1265.6	1263.7	1256.1	1193.0	1177.7	1194.9
47.5°	1204.5	1204.5	1194.9	1189.2	1194.9	1204.5	1204.5	1194.9	1128.1	1112.8	1122.3
50°	1141.4	1139.6	1126.2	1124.3	1126.2	1139.6	1141.4	1135.7	1065.0	1051.6	1051.6
52.5°	1068.8	1068.8	1070.7	1074.5	1070.7	1068.8	1068.8	1070.7	1007.6	994.2	990.4
55°	1005.7	1007.6	1021.0	1024.8	1021.0	1007.6	1005.7	1005.7	948.4	935.0	927.3
57.5°	940.7	940.7	950.3	950.3	950.3	940.7	940.7	936.9	881.4	870.0	866.1
60°	866.1	870.0	877.6	875.7	877.6	870.0	866.1	862.3	814.5	806.9	793.5
62.5°	787.7	791.6	793.5	789.7	793.5	791.6	787.7	776.3	747.6	741.9	724.6
65°	705.5	709.4	711.3	707.4	711.3	709.4	705.5	699.8	678.8	669.2	653.9
67.5°	621.4	619.5	617.6	625.2	617.6	619.5	621.4	613.8	600.4	592.7	571.7
70°	535.4	535.4	533.4	537.3	533.4	535.4	535.4	529.6	522.0	516.2	497.1
72.5°	443.6	441.7	449.3	443.6	449.3	441.7	443.6	441.7	437.8	432.1	413.0
75°	353.7	357.5	353.7	359.5	353.7	357.5	353.7	355.6	353.7	349.9	336.5
77.5°	269.6	273.4	269.6	269.6	269.6	273.4	269.6	271.5	271.5	271.5	260.0
80°	191.2	189.3	189.3	187.4	189.3	189.3	191.2	191.2	193.1	189.3	185.5
82.5°	122.4	120.5	120.5	124.3	120.5	120.5	122.4	124.3	120.5	120.5	120.5
85°	66.9	68.8	65.0	65.0	65.0	68.8	66.9	63.1	66.9	66.9	65.0
87.5°	24.9	22.9	22.9	22.9	22.9	22.9	24.9	26.8	26.8	26.8	28.7
90°	37.6	37.6	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.2	64.7
92.5°	188.0	180.6	150.7	120.7	150.7	180.6	188.0	266.6	371.3	423.7	372.0
95°	638.5	615.9	525.2	434.6	525.2	615.9	638.5	838.5	1105.1	1238.4	1046.0
97.5°	1474.1	1430.9	1258.5	1086.0	1258.5	1430.9	1474.1	1600.4	1769.0	1853.2	1532.3
100°	2070.0	2018.7	1813.1	1607.7	1813.1	2018.7	2070.0	2060.8	2048.4	2042.3	1686.1
102.5°	2578.8	2534.8	2358.8	2182.8	2358.8	2534.8	2578.8	2417.8	2203.1	2095.7	1734.6
105°	3172.8	3149.2	3054.5	2960.0	3054.5	3149.2	3172.8	2811.8	2330.4	2089.8	1740.0
107.5°	3481.7	3487.4	3510.2	3533.1	3510.2	3487.4	3481.7	2978.1	2306.7	1971.0	1662.6
110°	3560.8	3585.5	3684.0	3782.6	3684.0	3585.5	3560.8	2997.9	2247.4	1872.0	1593.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3510.3	3548.2	3699.5	3850.9	3699.5	3548.2	3510.3	2934.2	2166.0	1781.9	1534.0
115°	3339.1	3391.6	3601.4	3811.3	3601.4	3391.6	3339.1	2784.1	2044.0	1674.1	1465.3
117.5°	3102.5	3160.7	3393.4	3626.2	3393.4	3160.7	3102.5	2601.6	1933.7	1599.8	1422.2
120°	2943.1	2999.6	3225.8	3451.9	3225.8	2999.6	2943.1	2485.4	1875.2	1570.0	1407.7
122.5°	2783.8	2839.5	3062.6	3285.7	3062.6	2839.5	2783.8	2371.6	1822.0	1547.3	1400.1
125°	2572.9	2624.2	2829.8	3035.2	2829.8	2624.2	2572.9	2222.8	1756.0	1522.5	1393.8
127.5°	2403.6	2446.9	2620.3	2793.6	2620.3	2446.9	2403.6	2103.0	1702.2	1501.8	1390.2
130°	2296.7	2336.8	2496.9	2657.0	2496.9	2336.8	2296.7	2029.1	1672.2	1493.8	1392.4
132.5°	2205.6	2241.4	2384.9	2528.3	2384.9	2241.4	2205.6	1966.0	1646.6	1486.9	1393.8
135°	2076.9	2107.8	2231.5	2355.1	2231.5	2107.8	2076.9	1876.2	1608.8	1475.0	1392.5
137.5°	1981.9	2007.2	2108.4	2209.6	2108.4	2007.2	1981.9	1812.3	1586.1	1473.0	1401.1
140°	1905.7	1929.3	2023.9	2118.5	2023.9	1929.3	1905.7	1759.1	1563.8	1466.1	1402.5
142.5°	1852.2	1872.5	1953.9	2035.3	1953.9	1872.5	1852.2	1723.5	1551.9	1466.1	1407.6
145°	1772.0	1787.4	1849.0	1910.6	1849.0	1787.4	1772.0	1666.8	1526.3	1456.2	1407.6
147.5°	1704.7	1717.5	1768.5	1819.6	1768.5	1717.5	1704.7	1621.9	1511.4	1456.2	1417.3
150°	1666.1	1676.4	1717.8	1759.1	1717.8	1676.4	1666.1	1596.1	1502.8	1456.2	1422.3
152.5°	1635.4	1643.3	1674.4	1705.7	1674.4	1643.3	1635.4	1575.7	1496.0	1456.2	1425.6
155°	1598.8	1604.0	1624.6	1645.3	1624.6	1604.0	1598.8	1551.3	1487.9	1456.2	1432.9
157.5°	1567.1	1570.7	1585.2	1599.8	1585.2	1570.7	1567.1	1530.1	1480.8	1456.2	1440.1
160°	1551.2	1553.3	1561.6	1570.0	1561.6	1553.3	1551.2	1519.6	1477.3	1456.2	1443.5
162.5°	1536.4	1538.4	1546.3	1554.3	1546.3	1538.4	1536.4	1509.6	1474.0	1456.2	1446.9
165°	1513.6	1515.7	1524.1	1532.5	1524.1	1515.7	1513.6	1494.5	1469.0	1456.2	1452.0
167.5°	1503.7	1504.6	1508.1	1511.6	1508.1	1504.6	1503.7	1491.2	1474.4	1466.1	1462.6
170°	1503.7	1503.7	1503.7	1503.7	1503.7	1503.7	1503.7	1491.2	1474.4	1466.1	1465.9
172.5°	1495.9	1495.1	1491.9	1488.9	1491.9	1495.1	1495.9	1485.9	1472.7	1466.1	1466.1
175°	1485.0	1485.0	1485.0	1485.0	1485.0	1485.0	1485.0	1478.6	1470.3	1466.1	1468.1
177.5°	1482.9	1482.1	1478.5	1475.0	1478.5	1482.1	1482.9	1478.0	1471.4	1468.1	1469.7
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1996.0	2005.6	2011.3	2019.0	2038.1
5°	1919.6	1955.9	1967.4	1996.0	2030.4
7.5°	1751.3	1862.2	1892.8	1961.6	2015.2
10°	1588.8	1699.7	1753.2	1915.7	1996.0
12.5°	1506.6	1571.6	1607.9	1835.4	1969.3
15°	1454.9	1500.8	1527.6	1728.4	1938.7
17.5°	1414.8	1447.3	1466.4	1623.2	1896.6
20°	1389.9	1405.2	1422.4	1546.7	1848.8
22.5°	1372.7	1363.2	1376.5	1493.2	1783.8
25°	1361.2	1324.9	1340.2	1451.1	1707.3
27.5°	1370.8	1290.5	1296.2	1412.9	1627.0
30°	1372.7	1248.4	1250.4	1372.7	1537.2
32.5°	1359.3	1204.5	1206.4	1323.0	1435.8
35°	1326.8	1152.8	1150.9	1265.6	1298.2
37.5°	1282.9	1097.5	1097.5	1202.6	1147.1
40°	1229.3	1042.0	1047.8	1120.4	1013.4
42.5°	1164.3	982.8	990.4	1011.4	913.9
45°	1093.7	925.4	931.1	854.7	837.5
47.5°	1015.3	866.1	868.0	709.4	812.6
50°	921.6	805.0	797.3	608.0	810.7
52.5°	839.4	738.0	715.1	550.7	736.1
55°	759.1	667.3	617.6	506.7	682.6
57.5°	688.3	575.5	527.7	455.1	671.1
60°	623.3	485.6	449.3	399.6	615.7
62.5°	569.8	418.7	411.1	361.4	558.3
65°	512.4	372.8	370.9	328.9	474.2
67.5°	457.0	342.2	340.3	298.3	361.4
70°	397.7	309.7	305.9	265.8	267.7
72.5°	336.5	273.4	269.6	239.0	221.8
75°	275.3	231.4	229.4	208.4	179.7
77.5°	216.1	183.6	187.4	168.3	131.9
80°	154.9	133.8	137.7	120.5	99.4
82.5°	103.2	88.0	91.8	76.5	66.9
85°	57.4	49.7	51.6	40.2	30.6
87.5°	26.8	22.9	22.9	15.3	9.6
90°	43.6	27.7	25.7	17.9	9.9
92.5°	268.6	191.1	174.3	106.9	39.6
95°	661.0	372.3	341.5	218.3	95.0
97.5°	890.3	408.9	381.7	273.0	164.3
100°	973.8	439.6	414.9	316.3	217.8
102.5°	1012.1	470.3	447.2	355.2	263.3
105°	1040.4	515.8	496.3	418.4	340.5
107.5°	1045.7	583.1	564.9	492.3	419.8
110°	1037.8	620.7	604.4	538.8	473.2



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CATALOG NUMBER: SQ4-FA-125U-075D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1038.1	666.2	650.7	588.1	525.7
115°	1047.7	734.5	720.1	662.5	604.9
117.5°	1067.2	800.8	787.7	735.5	683.1
120°	1083.0	839.5	827.1	777.9	728.6
122.5°	1105.7	885.0	872.5	822.8	773.1
125°	1136.4	943.4	932.1	886.8	841.5
127.5°	1167.2	999.9	988.4	942.7	896.9
130°	1189.6	1037.5	1025.1	975.9	926.6
132.5°	1207.7	1068.1	1055.8	1006.6	957.2
135°	1227.5	1103.8	1092.6	1047.7	1002.8
137.5°	1257.2	1149.3	1138.2	1093.8	1049.3
140°	1275.4	1180.0	1169.8	1128.8	1087.9
142.5°	1290.5	1202.7	1193.3	1155.5	1117.7
145°	1310.4	1237.4	1229.2	1196.1	1163.2
147.5°	1339.5	1281.0	1273.0	1240.9	1208.8
150°	1354.6	1303.8	1296.5	1267.5	1238.4
152.5°	1364.5	1318.6	1313.1	1291.1	1269.1
155°	1386.3	1351.3	1347.2	1330.9	1314.7
157.5°	1408.0	1383.9	1380.0	1364.1	1348.3
160°	1417.9	1398.8	1395.8	1383.4	1371.1
162.5°	1428.5	1414.6	1412.3	1403.0	1393.8
165°	1443.7	1437.4	1435.3	1427.0	1418.6
167.5°	1455.5	1450.3	1449.3	1445.3	1441.4
170°	1465.5	1465.2	1464.2	1460.2	1456.2
172.5°	1466.1	1466.1	1465.9	1465.0	1464.1
175°	1472.0	1475.0	1475.0	1475.0	1475.0
177.5°	1472.7	1475.0	1475.0	1475.0	1475.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0



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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	11.06	11.81	12.13	12.88	14.35	13.90	14.64	14.97	15.72	17.18
	3H	11.53	12.20	12.61	13.28	14.76	15.24	15.90	16.32	16.99	18.47
	4H	11.72	12.35	12.81	13.43	14.92	15.68	16.31	16.77	17.39	18.88
	6H	11.83	12.41	12.93	13.50	15.00	15.96	16.54	17.06	17.63	19.13
	8H	11.83	12.38	12.93	13.48	14.98	16.03	16.58	17.14	17.69	19.18
	12H	11.79	12.32	12.90	13.42	14.93	16.07	16.59	17.18	17.69	19.21
4H	2H	12.08	12.71	13.18	13.80	15.29	14.29	14.93	15.39	16.01	17.50
	3H	13.10	13.62	14.20	14.74	16.24	15.79	16.32	16.90	17.43	18.93
	4H	13.37	13.85	14.48	14.95	16.48	16.32	16.80	17.43	17.90	19.42
	6H	13.49	13.90	14.61	15.03	16.54	16.68	17.09	17.79	18.21	19.73
	8H	13.49	13.88	14.61	14.99	16.52	16.78	17.17	17.90	18.28	19.82
	12H	13.45	13.80	14.59	14.93	16.47	16.83	17.18	17.97	18.31	19.85
8H	4H	13.81	14.20	14.93	15.32	16.85	16.43	16.82	17.55	17.93	19.46
	6H	14.07	14.39	15.21	15.55	17.08	16.86	17.18	18.00	18.34	19.87
	8H	14.11	14.39	15.26	15.53	17.08	17.02	17.30	18.16	18.43	19.98
	12H	14.09	14.34	15.24	15.47	17.06	17.11	17.36	18.26	18.49	20.08
12H	4H	13.81	14.17	14.95	15.29	16.83	16.39	16.74	17.52	17.87	19.40
	6H	14.13	14.41	15.28	15.55	17.10	16.86	17.14	18.01	18.28	19.83
	8H	14.19	14.44	15.34	15.57	17.16	17.02	17.26	18.17	18.40	19.98