

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: P935520

Luminaire Tested: SQ4-FA-125U-075D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935520
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-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

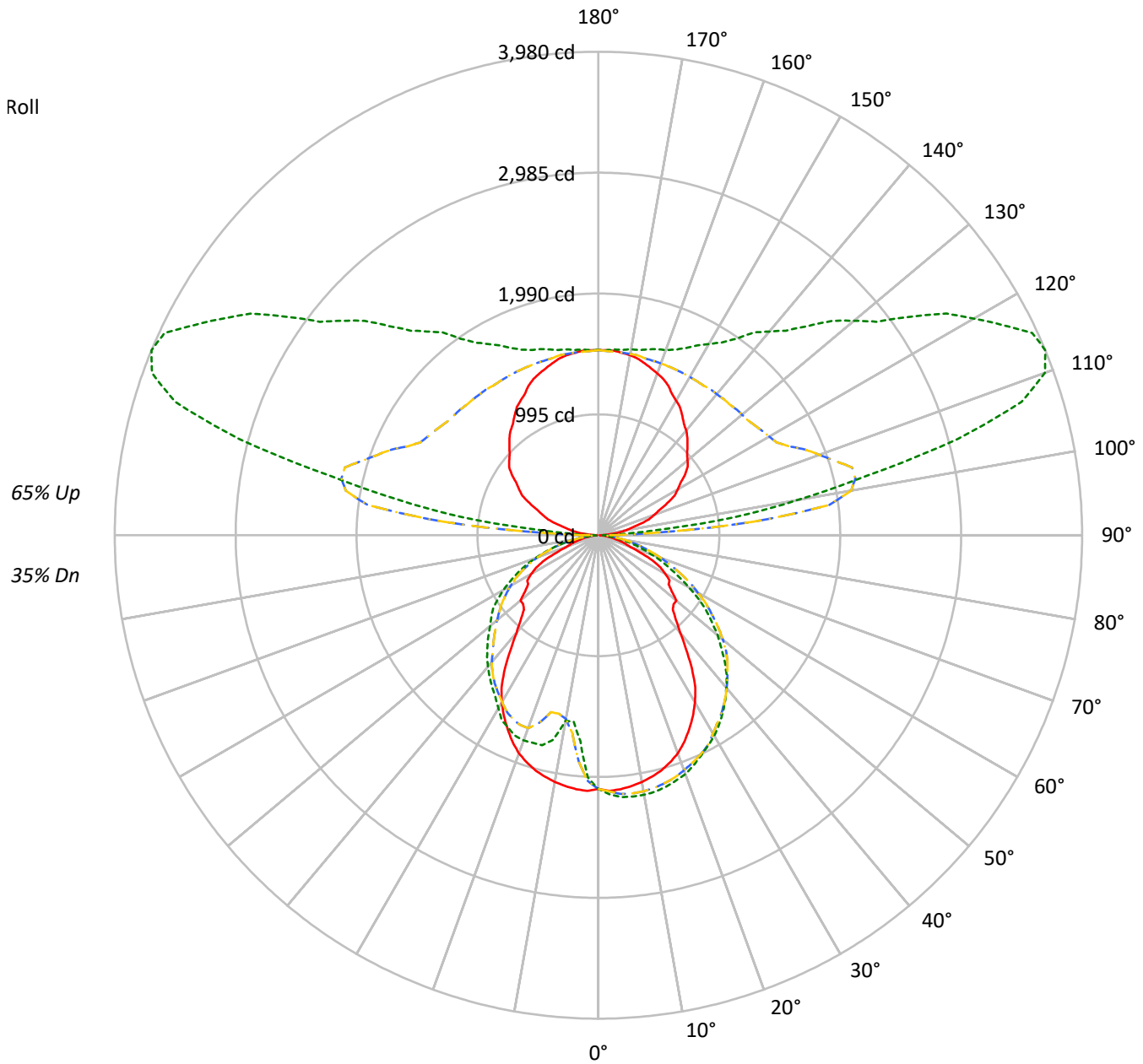
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15303.2 lumens
Efficiency: N/A
Efficacy: 137.6 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°	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	1.2
10°-20°	535.3	3.5
20°-30°	827.4	5.4
30°-40°	987.8	6.5
40°-50°	993.6	6.5
50°-60°	864.6	5.6
60°-70°	613.0	4.0
70°-80°	324.3	2.1
80°-90°	86.6	0.6
90°-100°	743.1	4.9
100°-110°	1953.6	12.8
110°-120°	2025.6	13.2
120°-130°	1624.8	10.6
130°-140°	1274.9	8.3
140°-150°	978.5	6.4
150°-160°	704.7	4.6
160°-170°	431.2	2.8
170°-180°	145.7	1.0
0°-30°	1551.2	10.1
0°-40°	2539.0	16.6
0°-60°	4397.2	28.7
0°-90°	5421.1	35.4
90°-120°	4722.3	30.9
90°-150°	8600.5	56.2
90°-180°	9882.0	64.6
0°-180°	15303.2	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°	10	39	10	39	10	10
95°	98	449	98	449	98	109
105°	352	3059	352	3059	352	373
115°	625	3939	625	3939	625	617
125°	870	3137	870	3137	870	772
135°	1036	2434	1036	2434	1036	802
145°	1202	1974	1202	1974	1202	753
155°	1359	1700	1359	1700	1359	624
165°	1466	1584	1466	1584	1466	414
175°	1524	1535	1524	1535	1524	145
180°	1524	1524	1524	1524	1524	



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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°	10.3	18.5	26.6	28.7	45.1	66.9	77.8	69.1	51.8	38.8	38.8
92.5°	40.9	110.5	180.1	197.5	277.6	384.4	437.9	383.7	275.6	194.3	186.6
95°	98.2	225.6	352.9	384.7	683.1	1081.0	1279.9	1142.1	866.6	659.9	636.5
97.5°	169.8	282.2	394.5	422.6	920.1	1583.6	1915.2	1828.2	1654.0	1523.4	1478.8
100°	225.1	326.9	428.8	454.3	1006.4	1742.5	2110.7	2117.0	2129.7	2139.3	2086.3
102.5°	272.1	367.1	462.2	486.0	1046.0	1792.6	2165.9	2276.8	2498.8	2665.1	2619.7
105°	351.9	432.4	512.9	533.0	1075.2	1798.3	2159.8	2408.4	2905.9	3279.0	3254.6
107.5°	433.8	508.8	583.8	602.6	1080.7	1718.2	2037.0	2383.9	3077.8	3598.2	3604.1
110°	489.1	556.8	624.6	641.5	1072.6	1647.3	1934.7	2322.6	3098.3	3680.0	3705.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	543.3	607.8	672.4	688.5	1072.9	1585.3	1841.5	2238.5	3032.4	3627.8	3667.0
115°	625.1	684.7	744.2	759.1	1082.7	1514.3	1730.1	2112.4	2877.3	3450.9	3505.1
117.5°	705.9	760.1	814.1	827.6	1102.9	1469.8	1653.3	1998.4	2688.6	3206.4	3266.5
120°	753.0	803.9	854.8	867.6	1119.2	1454.8	1622.6	1938.0	2568.6	3041.7	3100.0
122.5°	799.0	850.4	901.7	914.6	1142.7	1446.9	1599.1	1883.0	2451.0	2877.0	2934.6
125°	869.6	916.5	963.3	975.0	1174.4	1440.5	1573.5	1814.8	2297.2	2659.0	2712.1
127.5°	926.9	974.3	1021.5	1033.3	1206.2	1436.7	1552.0	1759.1	2173.4	2484.0	2528.8
130°	957.6	1008.6	1059.4	1072.2	1229.4	1439.0	1543.8	1728.2	2097.0	2373.6	2415.0
132.5°	989.3	1040.3	1091.1	1103.9	1248.1	1440.5	1536.6	1701.7	2031.8	2279.4	2316.5
135°	1036.4	1082.7	1129.2	1140.7	1268.6	1439.1	1524.4	1662.6	1939.0	2146.4	2178.3
137.5°	1084.4	1130.4	1176.3	1187.8	1299.3	1448.0	1522.3	1639.2	1873.0	2048.2	2074.4
140°	1124.3	1166.6	1208.9	1219.5	1318.1	1449.5	1515.2	1616.2	1818.0	1969.5	1993.9
142.5°	1155.1	1194.2	1233.2	1243.0	1333.7	1454.7	1515.2	1603.8	1781.2	1914.2	1935.2
145°	1202.1	1236.2	1270.4	1278.9	1354.3	1454.7	1504.9	1577.4	1722.6	1831.4	1847.3
147.5°	1249.2	1282.4	1315.6	1323.9	1384.3	1464.7	1504.9	1562.0	1676.1	1761.8	1774.9
150°	1279.9	1309.9	1339.9	1347.4	1399.9	1469.9	1504.9	1553.1	1649.6	1721.9	1732.6
152.5°	1311.6	1334.3	1357.0	1362.7	1410.2	1473.3	1504.9	1546.1	1628.4	1690.2	1698.3
155°	1358.7	1375.5	1392.3	1396.5	1432.7	1480.8	1504.9	1537.7	1603.2	1652.3	1657.7
157.5°	1393.5	1409.8	1426.2	1430.2	1455.1	1488.3	1504.9	1530.4	1581.3	1619.5	1623.3
160°	1417.0	1429.7	1442.5	1445.6	1465.4	1491.8	1504.9	1526.8	1570.4	1603.1	1605.3
162.5°	1440.5	1450.0	1459.6	1461.9	1476.3	1495.3	1504.9	1523.3	1560.2	1587.8	1589.9
165°	1466.1	1474.8	1483.4	1485.6	1492.0	1500.6	1504.9	1518.2	1544.5	1564.3	1566.5
167.5°	1489.6	1493.7	1497.8	1498.8	1504.2	1511.5	1515.2	1523.8	1541.1	1554.0	1554.9
170°	1504.9	1509.1	1513.2	1514.2	1514.5	1515.0	1515.2	1523.8	1541.1	1554.0	1554.0
172.5°	1513.1	1514.0	1515.0	1515.2	1515.2	1515.2	1515.2	1522.0	1535.6	1545.9	1545.1
175°	1524.4	1524.4	1524.4	1524.4	1521.3	1517.3	1515.2	1519.5	1528.1	1534.7	1534.7
177.5°	1524.4	1524.4	1524.4	1524.4	1522.0	1518.9	1517.3	1520.6	1527.4	1532.6	1531.7
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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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°	38.8	38.8	38.8	38.8	38.8	51.8	69.1	77.8	66.9	45.1	28.7
92.5°	155.7	124.8	155.7	186.6	194.3	275.6	383.7	437.9	384.4	277.6	197.5
95°	542.8	449.1	542.8	636.5	659.9	866.6	1142.1	1279.9	1081.0	683.1	384.7
97.5°	1300.6	1122.4	1300.6	1478.8	1523.4	1654.0	1828.2	1915.2	1583.6	920.1	422.6
100°	1873.8	1661.5	1873.8	2086.3	2139.3	2129.7	2117.0	2110.7	1742.5	1006.4	454.3
102.5°	2437.8	2255.9	2437.8	2619.7	2665.1	2498.8	2276.8	2165.9	1792.6	1046.0	486.0
105°	3156.8	3059.0	3156.8	3254.6	3279.0	2905.9	2408.4	2159.8	1798.3	1075.2	533.0
107.5°	3627.7	3651.4	3627.7	3604.1	3598.2	3077.8	2383.9	2037.0	1718.2	1080.7	602.6
110°	3807.4	3909.2	3807.4	3705.5	3680.0	3098.3	2322.6	1934.7	1647.3	1072.6	641.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3823.4	3979.8	3823.4	3667.0	3627.8	3032.4	2238.5	1841.5	1585.3	1072.9	688.5
115°	3722.0	3938.9	3722.0	3505.1	3450.9	2877.3	2112.4	1730.1	1514.3	1082.7	759.1
117.5°	3507.0	3747.6	3507.0	3266.5	3206.4	2688.6	1998.4	1653.3	1469.8	1102.9	827.6
120°	3333.8	3567.5	3333.8	3100.0	3041.7	2568.6	1938.0	1622.6	1454.8	1119.2	867.6
122.5°	3165.2	3395.7	3165.2	2934.6	2877.0	2451.0	1883.0	1599.1	1446.9	1142.7	914.6
125°	2924.5	3136.8	2924.5	2712.1	2659.0	2297.2	1814.8	1573.5	1440.5	1174.4	975.0
127.5°	2708.0	2887.1	2708.0	2528.8	2484.0	2173.4	1759.1	1552.0	1436.7	1206.2	1033.3
130°	2580.5	2745.9	2580.5	2415.0	2373.6	2097.0	1728.2	1543.8	1439.0	1229.4	1072.2
132.5°	2464.8	2613.0	2464.8	2316.5	2279.4	2031.8	1701.7	1536.6	1440.5	1248.1	1103.9
135°	2306.2	2433.9	2306.2	2178.3	2146.4	1939.0	1662.6	1524.4	1439.1	1268.6	1140.7
137.5°	2178.9	2283.6	2178.9	2074.4	2048.2	1873.0	1639.2	1522.3	1448.0	1299.3	1187.8
140°	2091.7	2189.4	2091.7	1993.9	1969.5	1818.0	1616.2	1515.2	1449.5	1318.1	1219.5
142.5°	2019.3	2103.5	2019.3	1935.2	1914.2	1781.2	1603.8	1515.2	1454.7	1333.7	1243.0
145°	1910.9	1974.5	1910.9	1847.3	1831.4	1722.6	1577.4	1504.9	1454.7	1354.3	1278.9
147.5°	1827.7	1880.5	1827.7	1774.9	1761.8	1676.1	1562.0	1504.9	1464.7	1384.3	1323.9
150°	1775.3	1818.0	1775.3	1732.6	1721.9	1649.6	1553.1	1504.9	1469.9	1399.9	1347.4
152.5°	1730.5	1762.8	1730.5	1698.3	1690.2	1628.4	1546.1	1504.9	1473.3	1410.2	1362.7
155°	1679.0	1700.3	1679.0	1657.7	1652.3	1603.2	1537.7	1504.9	1480.8	1432.7	1396.5
157.5°	1638.3	1653.3	1638.3	1623.3	1619.5	1581.3	1530.4	1504.9	1488.3	1455.1	1430.2
160°	1613.9	1622.6	1613.9	1605.3	1603.1	1570.4	1526.8	1504.9	1491.8	1465.4	1445.6
162.5°	1598.1	1606.3	1598.1	1589.9	1587.8	1560.2	1523.3	1504.9	1495.3	1476.3	1461.9
165°	1575.1	1583.8	1575.1	1566.5	1564.3	1544.5	1518.2	1504.9	1500.6	1492.0	1485.6
167.5°	1558.6	1562.2	1558.6	1554.9	1554.0	1541.1	1523.8	1515.2	1511.5	1504.2	1498.8
170°	1554.0	1554.0	1554.0	1554.0	1554.0	1541.1	1523.8	1515.2	1515.0	1514.5	1514.2
172.5°	1541.9	1538.7	1541.9	1545.1	1545.9	1535.6	1522.0	1515.2	1515.2	1515.2	1515.2
175°	1534.7	1534.7	1534.7	1534.7	1534.7	1528.1	1519.5	1515.2	1517.3	1521.3	1524.4
177.5°	1528.0	1524.4	1528.0	1531.7	1532.6	1527.4	1520.6	1517.3	1518.9	1522.0	1524.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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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°	26.6	18.5	10.3	18.5	26.6	28.7	45.1	66.9	77.8	69.1	51.8
92.5°	180.1	110.5	40.9	110.5	180.1	197.5	277.6	384.4	437.9	383.7	275.6
95°	352.9	225.6	98.2	225.6	352.9	384.7	683.1	1081.0	1279.9	1142.1	866.6
97.5°	394.5	282.2	169.8	282.2	394.5	422.6	920.1	1583.6	1915.2	1828.2	1654.0
100°	428.8	326.9	225.1	326.9	428.8	454.3	1006.4	1742.5	2110.7	2117.0	2129.7
102.5°	462.2	367.1	272.1	367.1	462.2	486.0	1046.0	1792.6	2165.9	2276.8	2498.8
105°	512.9	432.4	351.9	432.4	512.9	533.0	1075.2	1798.3	2159.8	2408.4	2905.9
107.5°	583.8	508.8	433.8	508.8	583.8	602.6	1080.7	1718.2	2037.0	2383.9	3077.8
110°	624.6	556.8	489.1	556.8	624.6	641.5	1072.6	1647.3	1934.7	2322.6	3098.3



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CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	672.4	607.8	543.3	607.8	672.4	688.5	1072.9	1585.3	1841.5	2238.5	3032.4
115°	744.2	684.7	625.1	684.7	744.2	759.1	1082.7	1514.3	1730.1	2112.4	2877.3
117.5°	814.1	760.1	705.9	760.1	814.1	827.6	1102.9	1469.8	1653.3	1998.4	2688.6
120°	854.8	803.9	753.0	803.9	854.8	867.6	1119.2	1454.8	1622.6	1938.0	2568.6
122.5°	901.7	850.4	799.0	850.4	901.7	914.6	1142.7	1446.9	1599.1	1883.0	2451.0
125°	963.3	916.5	869.6	916.5	963.3	975.0	1174.4	1440.5	1573.5	1814.8	2297.2
127.5°	1021.5	974.3	926.9	974.3	1021.5	1033.3	1206.2	1436.7	1552.0	1759.1	2173.4
130°	1059.4	1008.6	957.6	1008.6	1059.4	1072.2	1229.4	1439.0	1543.8	1728.2	2097.0
132.5°	1091.1	1040.3	989.3	1040.3	1091.1	1103.9	1248.1	1440.5	1536.6	1701.7	2031.8
135°	1129.2	1082.7	1036.4	1082.7	1129.2	1140.7	1268.6	1439.1	1524.4	1662.6	1939.0
137.5°	1176.3	1130.4	1084.4	1130.4	1176.3	1187.8	1299.3	1448.0	1522.3	1639.2	1873.0
140°	1208.9	1166.6	1124.3	1166.6	1208.9	1219.5	1318.1	1449.5	1515.2	1616.2	1818.0
142.5°	1233.2	1194.2	1155.1	1194.2	1233.2	1243.0	1333.7	1454.7	1515.2	1603.8	1781.2
145°	1270.4	1236.2	1202.1	1236.2	1270.4	1278.9	1354.3	1454.7	1504.9	1577.4	1722.6
147.5°	1315.6	1282.4	1249.2	1282.4	1315.6	1323.9	1384.3	1464.7	1504.9	1562.0	1676.1
150°	1339.9	1309.9	1279.9	1309.9	1339.9	1347.4	1399.9	1469.9	1504.9	1553.1	1649.6
152.5°	1357.0	1334.3	1311.6	1334.3	1357.0	1362.7	1410.2	1473.3	1504.9	1546.1	1628.4
155°	1392.3	1375.5	1358.7	1375.5	1392.3	1396.5	1432.7	1480.8	1504.9	1537.7	1603.2
157.5°	1426.2	1409.8	1393.5	1409.8	1426.2	1430.2	1455.1	1488.3	1504.9	1530.4	1581.3
160°	1442.5	1429.7	1417.0	1429.7	1442.5	1445.6	1465.4	1491.8	1504.9	1526.8	1570.4
162.5°	1459.6	1450.0	1440.5	1450.0	1459.6	1461.9	1476.3	1495.3	1504.9	1523.3	1560.2
165°	1483.4	1474.8	1466.1	1474.8	1483.4	1485.6	1492.0	1500.6	1504.9	1518.2	1544.5
167.5°	1497.8	1493.7	1489.6	1493.7	1497.8	1498.8	1504.2	1511.5	1515.2	1523.8	1541.1
170°	1513.2	1509.1	1504.9	1509.1	1513.2	1514.2	1514.5	1515.0	1515.2	1523.8	1541.1
172.5°	1515.0	1514.0	1513.1	1514.0	1515.0	1515.2	1515.2	1515.2	1515.2	1522.0	1535.6
175°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1521.3	1517.3	1515.2	1519.5	1528.1
177.5°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1522.0	1518.9	1517.3	1520.6	1527.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



TEST NUMBER: P935520
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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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	51.8	69.1	77.8	66.9
92.5°	194.3	186.6	155.7	124.8	155.7	186.6	194.3	275.6	383.7	437.9	384.4
95°	659.9	636.5	542.8	449.1	542.8	636.5	659.9	866.6	1142.1	1279.9	1081.0
97.5°	1523.4	1478.8	1300.6	1122.4	1300.6	1478.8	1523.4	1654.0	1828.2	1915.2	1583.6
100°	2139.3	2086.3	1873.8	1661.5	1873.8	2086.3	2139.3	2129.7	2117.0	2110.7	1742.5
102.5°	2665.1	2619.7	2437.8	2255.9	2437.8	2619.7	2665.1	2498.8	2276.8	2165.9	1792.6
105°	3279.0	3254.6	3156.8	3059.0	3156.8	3254.6	3279.0	2905.9	2408.4	2159.8	1798.3
107.5°	3598.2	3604.1	3627.7	3651.4	3627.7	3604.1	3598.2	3077.8	2383.9	2037.0	1718.2
110°	3680.0	3705.5	3807.4	3909.2	3807.4	3705.5	3680.0	3098.3	2322.6	1934.7	1647.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3627.8	3667.0	3823.4	3979.8	3823.4	3667.0	3627.8	3032.4	2238.5	1841.5	1585.3
115°	3450.9	3505.1	3722.0	3938.9	3722.0	3505.1	3450.9	2877.3	2112.4	1730.1	1514.3
117.5°	3206.4	3266.5	3507.0	3747.6	3507.0	3266.5	3206.4	2688.6	1998.4	1653.3	1469.8
120°	3041.7	3100.0	3333.8	3567.5	3333.8	3100.0	3041.7	2568.6	1938.0	1622.6	1454.8
122.5°	2877.0	2934.6	3165.2	3395.7	3165.2	2934.6	2877.0	2451.0	1883.0	1599.1	1446.9
125°	2659.0	2712.1	2924.5	3136.8	2924.5	2712.1	2659.0	2297.2	1814.8	1573.5	1440.5
127.5°	2484.0	2528.8	2708.0	2887.1	2708.0	2528.8	2484.0	2173.4	1759.1	1552.0	1436.7
130°	2373.6	2415.0	2580.5	2745.9	2580.5	2415.0	2373.6	2097.0	1728.2	1543.8	1439.0
132.5°	2279.4	2316.5	2464.8	2613.0	2464.8	2316.5	2279.4	2031.8	1701.7	1536.6	1440.5
135°	2146.4	2178.3	2306.2	2433.9	2306.2	2178.3	2146.4	1939.0	1662.6	1524.4	1439.1
137.5°	2048.2	2074.4	2178.9	2283.6	2178.9	2074.4	2048.2	1873.0	1639.2	1522.3	1448.0
140°	1969.5	1993.9	2091.7	2189.4	2091.7	1993.9	1969.5	1818.0	1616.2	1515.2	1449.5
142.5°	1914.2	1935.2	2019.3	2103.5	2019.3	1935.2	1914.2	1781.2	1603.8	1515.2	1454.7
145°	1831.4	1847.3	1910.9	1974.5	1910.9	1847.3	1831.4	1722.6	1577.4	1504.9	1454.7
147.5°	1761.8	1774.9	1827.7	1880.5	1827.7	1774.9	1761.8	1676.1	1562.0	1504.9	1464.7
150°	1721.9	1732.6	1775.3	1818.0	1775.3	1732.6	1721.9	1649.6	1553.1	1504.9	1469.9
152.5°	1690.2	1698.3	1730.5	1762.8	1730.5	1698.3	1690.2	1628.4	1546.1	1504.9	1473.3
155°	1652.3	1657.7	1679.0	1700.3	1679.0	1657.7	1652.3	1603.2	1537.7	1504.9	1480.8
157.5°	1619.5	1623.3	1638.3	1653.3	1638.3	1623.3	1619.5	1581.3	1530.4	1504.9	1488.3
160°	1603.1	1605.3	1613.9	1622.6	1613.9	1605.3	1603.1	1570.4	1526.8	1504.9	1491.8
162.5°	1587.8	1589.9	1598.1	1606.3	1598.1	1589.9	1587.8	1560.2	1523.3	1504.9	1495.3
165°	1564.3	1566.5	1575.1	1583.8	1575.1	1566.5	1564.3	1544.5	1518.2	1504.9	1500.6
167.5°	1554.0	1554.9	1558.6	1562.2	1558.6	1554.9	1554.0	1541.1	1523.8	1515.2	1511.5
170°	1554.0	1554.0	1554.0	1554.0	1554.0	1554.0	1554.0	1541.1	1523.8	1515.2	1515.0
172.5°	1545.9	1545.1	1541.9	1538.7	1541.9	1545.1	1545.9	1535.6	1522.0	1515.2	1515.2
175°	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1528.1	1519.5	1515.2	1517.3
177.5°	1532.6	1531.7	1528.0	1524.4	1528.0	1531.7	1532.6	1527.4	1520.6	1517.3	1518.9
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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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°	45.1	28.7	26.6	18.5	10.3
92.5°	277.6	197.5	180.1	110.5	40.9
95°	683.1	384.7	352.9	225.6	98.2
97.5°	920.1	422.6	394.5	282.2	169.8
100°	1006.4	454.3	428.8	326.9	225.1
102.5°	1046.0	486.0	462.2	367.1	272.1
105°	1075.2	533.0	512.9	432.4	351.9
107.5°	1080.7	602.6	583.8	508.8	433.8
110°	1072.6	641.5	624.6	556.8	489.1



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CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1072.9	688.5	672.4	607.8	543.3
115°	1082.7	759.1	744.2	684.7	625.1
117.5°	1102.9	827.6	814.1	760.1	705.9
120°	1119.2	867.6	854.8	803.9	753.0
122.5°	1142.7	914.6	901.7	850.4	799.0
125°	1174.4	975.0	963.3	916.5	869.6
127.5°	1206.2	1033.3	1021.5	974.3	926.9
130°	1229.4	1072.2	1059.4	1008.6	957.6
132.5°	1248.1	1103.9	1091.1	1040.3	989.3
135°	1268.6	1140.7	1129.2	1082.7	1036.4
137.5°	1299.3	1187.8	1176.3	1130.4	1084.4
140°	1318.1	1219.5	1208.9	1166.6	1124.3
142.5°	1333.7	1243.0	1233.2	1194.2	1155.1
145°	1354.3	1278.9	1270.4	1236.2	1202.1
147.5°	1384.3	1323.9	1315.6	1282.4	1249.2
150°	1399.9	1347.4	1339.9	1309.9	1279.9
152.5°	1410.2	1362.7	1357.0	1334.3	1311.6
155°	1432.7	1396.5	1392.3	1375.5	1358.7
157.5°	1455.1	1430.2	1426.2	1409.8	1393.5
160°	1465.4	1445.6	1442.5	1429.7	1417.0
162.5°	1476.3	1461.9	1459.6	1450.0	1440.5
165°	1492.0	1485.6	1483.4	1474.8	1466.1
167.5°	1504.2	1498.8	1497.8	1493.7	1489.6
170°	1514.5	1514.2	1513.2	1509.1	1504.9
172.5°	1515.2	1515.2	1515.0	1514.0	1513.1
175°	1521.3	1524.4	1524.4	1524.4	1524.4
177.5°	1522.0	1524.4	1524.4	1524.4	1524.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4



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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	11.18	11.92	12.25	12.99	14.46	14.01	14.76	15.09	15.83	17.30
	3H	11.64	12.31	12.73	13.39	14.88	15.35	16.02	16.43	17.10	18.58
	4H	11.83	12.46	12.92	13.55	15.04	15.79	16.42	16.89	17.51	19.00
	6H	11.94	12.52	13.04	13.61	15.11	16.07	16.65	17.18	17.74	19.24
	8H	11.94	12.49	13.05	13.60	15.09	16.15	16.70	17.25	17.80	19.30
	12H	11.91	12.43	13.02	13.53	15.05	16.18	16.71	17.29	17.80	19.32
4H	2H	12.20	12.83	13.30	13.91	15.40	14.41	15.04	15.51	16.12	17.61
	3H	13.21	13.74	14.32	14.85	16.35	15.91	16.43	17.01	17.54	19.04
	4H	13.48	13.97	14.59	15.07	16.59	16.43	16.91	17.54	18.01	19.54
	6H	13.60	14.02	14.72	15.14	16.66	16.79	17.20	17.91	18.33	19.84
	8H	13.60	13.99	14.72	15.11	16.64	16.90	17.28	18.01	18.40	19.93
	12H	13.57	13.92	14.70	15.04	16.58	16.95	17.30	18.08	18.43	19.96
8H	4H	13.93	14.32	15.05	15.43	16.96	16.54	16.93	17.66	18.05	19.58
	6H	14.18	14.50	15.33	15.66	17.19	16.98	17.30	18.12	18.46	19.98
	8H	14.23	14.51	15.37	15.64	17.19	17.13	17.41	18.28	18.55	20.10
	12H	14.21	14.45	15.36	15.59	17.17	17.22	17.47	18.37	18.61	20.19
12H	4H	13.93	14.28	15.07	15.41	16.94	16.50	16.85	17.64	17.98	19.52
	6H	14.25	14.52	15.39	15.66	17.21	16.97	17.25	18.12	18.39	19.94
	8H	14.31	14.55	15.46	15.69	17.27	17.13	17.38	18.28	18.51	20.10