

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: P934720

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934720
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

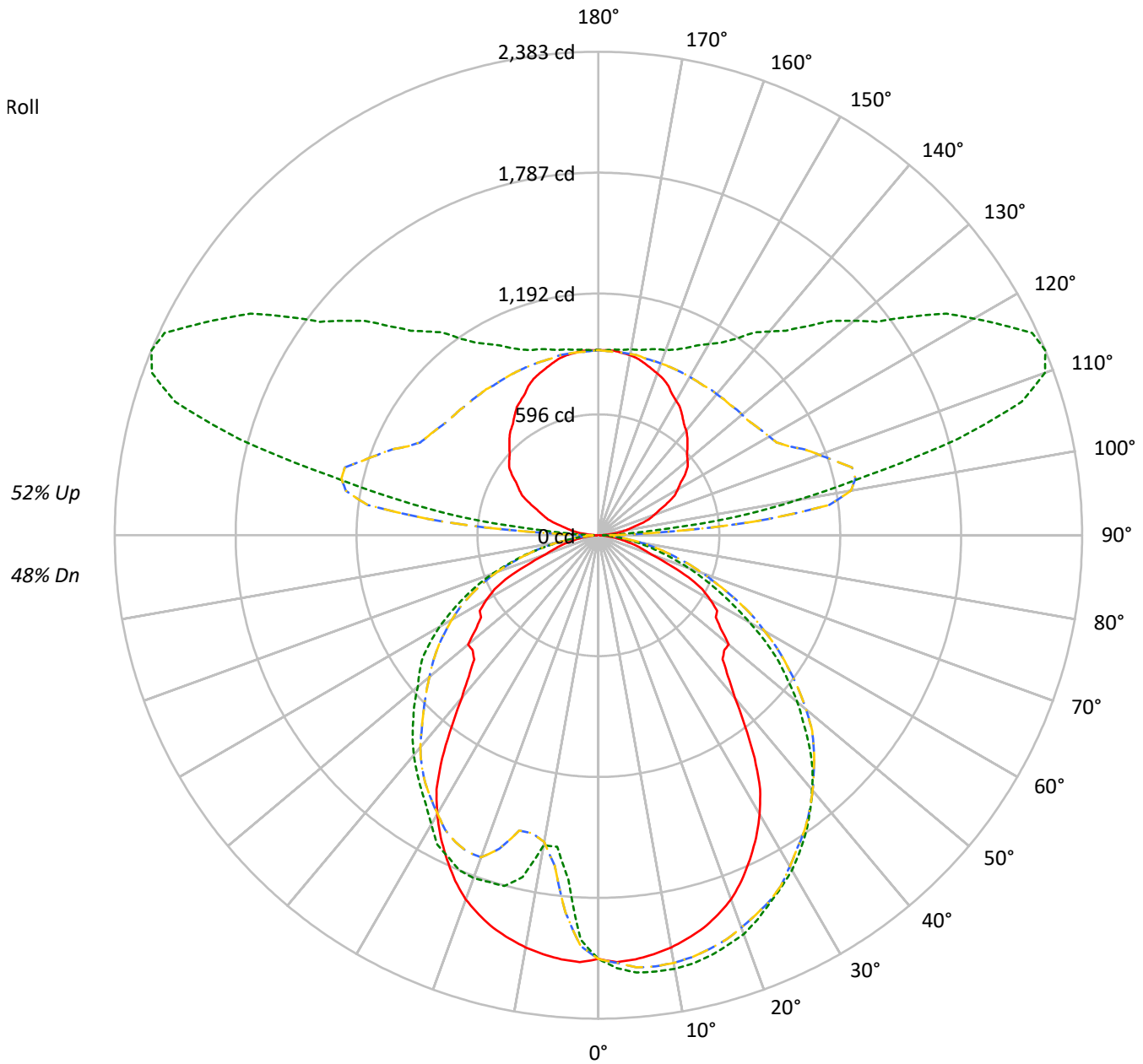
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11335.4 lumens
Efficiency: N/A
Efficacy: 133.7 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: General Diffuse

Input Watts (W): 84.8
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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	29	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	17	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

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	1.7
10°-20°	535.3	4.7
20°-30°	827.4	7.3
30°-40°	987.8	8.7
40°-50°	993.6	8.8
50°-60°	864.6	7.6
60°-70°	613.0	5.4
70°-80°	324.3	2.9
80°-90°	84.3	0.7
90°-100°	444.9	3.9
100°-110°	1169.6	10.3
110°-120°	1212.8	10.7
120°-130°	972.8	8.6
130°-140°	763.3	6.7
140°-150°	585.9	5.2
150°-160°	421.9	3.7
160°-170°	258.2	2.3
170°-180°	87.2	0.8
0°-30°	1551.2	13.7
0°-40°	2539.0	22.4
0°-60°	4397.2	38.8
0°-90°	5418.7	47.8
90°-120°	2827.3	24.9
90°-150°	5149.3	45.4
90°-180°	5917.0	52.2
0°-180°	11335.4	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°	6	23	6	23	6	6
95°	59	269	59	269	59	65
105°	211	1832	211	1832	211	223
115°	374	2358	374	2358	374	370
125°	521	1878	521	1878	521	462
135°	620	1457	620	1457	620	480
145°	720	1182	720	1182	720	451
155°	813	1018	813	1018	813	374
165°	878	948	878	948	878	248
175°	913	919	913	919	913	87
180°	913	913	913	913	913	



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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°	6.1	11.1	16.0	17.2	27.0	40.0	46.5	41.4	31.0	23.3	23.3
92.5°	24.5	66.2	107.9	118.3	166.3	230.2	262.2	229.8	165.0	116.4	111.7
95°	58.8	135.1	211.2	230.3	408.9	647.1	766.3	683.8	518.8	395.1	381.1
97.5°	101.7	168.9	236.2	253.0	550.9	948.1	1146.7	1094.5	990.3	912.1	885.4
100°	134.8	195.7	256.8	272.0	602.6	1043.3	1263.7	1267.5	1275.1	1280.8	1249.0
102.5°	162.9	219.8	276.7	291.0	626.2	1073.3	1296.8	1363.1	1496.0	1595.7	1568.4
105°	210.7	259.0	307.1	319.1	643.8	1076.6	1293.1	1442.0	1739.8	1963.2	1948.5
107.5°	259.7	304.7	349.6	360.8	647.0	1028.7	1219.6	1427.3	1842.7	2154.3	2157.9
110°	292.8	333.4	373.9	384.0	642.1	986.2	1158.3	1390.5	1855.0	2203.3	2218.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	325.2	363.9	402.5	412.2	642.3	949.2	1102.6	1340.3	1815.6	2172.1	2195.5
115°	374.3	409.9	445.6	454.5	648.2	906.6	1035.8	1264.7	1722.7	2066.1	2098.6
117.5°	422.7	455.1	487.5	495.6	660.4	880.0	989.9	1196.5	1609.7	1919.7	1955.6
120°	450.8	481.3	511.8	519.4	670.1	871.0	971.5	1160.3	1537.9	1821.1	1856.1
122.5°	478.4	509.2	539.9	547.6	684.2	866.3	957.4	1127.4	1467.5	1722.5	1757.0
125°	520.7	548.7	576.7	583.7	703.2	862.4	942.1	1086.5	1375.3	1592.0	1623.8
127.5°	555.0	583.3	611.6	618.7	722.2	860.3	929.2	1053.2	1301.2	1487.2	1514.0
130°	573.3	603.8	634.3	641.9	736.1	861.6	924.4	1034.7	1255.6	1421.1	1445.9
132.5°	592.3	622.8	653.4	661.0	747.3	862.4	920.0	1018.8	1216.5	1364.7	1387.0
135°	620.5	648.2	676.1	683.0	759.6	861.6	912.7	995.5	1161.0	1285.1	1304.3
137.5°	649.3	676.8	704.2	711.2	778.0	867.0	911.4	981.4	1121.4	1226.3	1241.9
140°	673.2	698.5	723.8	730.1	789.1	867.9	907.2	967.6	1088.5	1179.2	1193.8
142.5°	691.6	715.0	738.4	744.3	798.6	871.0	907.2	960.2	1066.4	1146.1	1158.6
145°	719.8	740.2	760.6	765.7	810.9	871.0	901.1	944.5	1031.4	1096.5	1106.0
147.5°	747.9	767.8	787.7	792.7	828.8	876.9	901.1	935.2	1003.5	1054.8	1062.7
150°	766.3	784.3	802.3	806.7	838.1	880.1	901.1	929.9	987.6	1030.9	1037.3
152.5°	785.3	798.9	812.5	815.9	844.2	882.1	901.1	925.7	975.0	1011.9	1016.8
155°	813.4	823.5	833.6	836.1	857.8	886.6	901.1	920.6	959.8	989.3	992.4
157.5°	834.3	844.0	853.8	856.3	871.2	891.1	901.1	916.3	946.8	969.6	971.9
160°	848.4	856.0	863.6	865.5	877.3	893.2	901.1	914.1	940.3	959.8	961.1
162.5°	862.4	868.2	873.9	875.4	884.0	895.3	901.1	912.1	934.2	950.7	951.8
165°	877.7	882.9	888.1	889.4	893.3	898.5	901.1	909.0	924.8	936.6	937.9
167.5°	891.9	894.3	896.8	897.4	900.7	905.0	907.2	912.3	922.7	930.5	931.0
170°	901.1	903.5	906.0	906.6	906.8	907.1	907.2	912.3	922.7	930.5	930.5
172.5°	906.0	906.5	907.1	907.2	907.2	907.2	907.2	911.2	919.4	925.6	925.1
175°	912.7	912.7	912.7	912.7	910.8	908.4	907.2	909.8	915.0	918.8	918.8
177.5°	912.7	912.7	912.7	912.7	911.2	909.4	908.4	910.4	914.5	917.6	917.1
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



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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°	23.3	23.3	23.3	23.3	23.3	31.0	41.4	46.5	40.0	27.0	17.2
92.5°	93.3	74.7	93.3	111.7	116.4	165.0	229.8	262.2	230.2	166.3	118.3
95°	325.1	268.9	325.1	381.1	395.1	518.8	683.8	766.3	647.1	408.9	230.3
97.5°	778.6	671.9	778.6	885.4	912.1	990.3	1094.5	1146.7	948.1	550.9	253.0
100°	1122.0	994.8	1122.0	1249.0	1280.8	1275.1	1267.5	1263.7	1043.3	602.6	272.0
102.5°	1459.6	1350.7	1459.6	1568.4	1595.7	1496.0	1363.1	1296.8	1073.3	626.2	291.0
105°	1889.9	1831.5	1889.9	1948.5	1963.2	1739.8	1442.0	1293.1	1076.6	643.8	319.1
107.5°	2172.0	2186.1	2172.0	2157.9	2154.3	1842.7	1427.3	1219.6	1028.7	647.0	360.8
110°	2279.6	2340.6	2279.6	2218.6	2203.3	1855.0	1390.5	1158.3	986.2	642.1	384.0



TEST NUMBER: P934720

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

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2289.1	2382.8	2289.1	2195.5	2172.1	1815.6	1340.3	1102.6	949.2	642.3	412.2
115°	2228.4	2358.3	2228.4	2098.6	2066.1	1722.7	1264.7	1035.8	906.6	648.2	454.5
117.5°	2099.7	2243.7	2099.7	1955.6	1919.7	1609.7	1196.5	989.9	880.0	660.4	495.6
120°	1996.1	2136.0	1996.1	1856.1	1821.1	1537.9	1160.3	971.5	871.0	670.1	519.4
122.5°	1895.0	2033.0	1895.0	1757.0	1722.5	1467.5	1127.4	957.4	866.3	684.2	547.6
125°	1750.9	1878.1	1750.9	1623.8	1592.0	1375.3	1086.5	942.1	862.4	703.2	583.7
127.5°	1621.3	1728.6	1621.3	1514.0	1487.2	1301.2	1053.2	929.2	860.3	722.2	618.7
130°	1544.9	1644.0	1544.9	1445.9	1421.1	1255.6	1034.7	924.4	861.6	736.1	641.9
132.5°	1475.7	1564.4	1475.7	1387.0	1364.7	1216.5	1018.8	920.0	862.4	747.3	661.0
135°	1380.7	1457.2	1380.7	1304.3	1285.1	1161.0	995.5	912.7	861.6	759.6	683.0
137.5°	1304.6	1367.2	1304.6	1241.9	1226.3	1121.4	981.4	911.4	867.0	778.0	711.2
140°	1252.4	1310.9	1252.4	1193.8	1179.2	1088.5	967.6	907.2	867.9	789.1	730.1
142.5°	1209.0	1259.4	1209.0	1158.6	1146.1	1066.4	960.2	907.2	871.0	798.6	744.3
145°	1144.1	1182.2	1144.1	1106.0	1096.5	1031.4	944.5	901.1	871.0	810.9	765.7
147.5°	1094.2	1125.8	1094.2	1062.7	1054.8	1003.5	935.2	901.1	876.9	828.8	792.7
150°	1062.9	1088.5	1062.9	1037.3	1030.9	987.6	929.9	901.1	880.1	838.1	806.7
152.5°	1036.0	1055.4	1036.0	1016.8	1011.9	975.0	925.7	901.1	882.1	844.2	815.9
155°	1005.3	1018.0	1005.3	992.4	989.3	959.8	920.6	901.1	886.6	857.8	836.1
157.5°	980.9	989.9	980.9	971.9	969.6	946.8	916.3	901.1	891.1	871.2	856.3
160°	966.4	971.5	966.4	961.1	959.8	940.3	914.1	901.1	893.2	877.3	865.5
162.5°	956.8	961.7	956.8	951.8	950.7	934.2	912.1	901.1	895.3	884.0	875.4
165°	943.0	948.2	943.0	937.9	936.6	924.8	909.0	901.1	898.5	893.3	889.4
167.5°	933.2	935.3	933.2	931.0	930.5	922.7	912.3	907.2	905.0	900.7	897.4
170°	930.5	930.5	930.5	930.5	930.5	922.7	912.3	907.2	907.1	906.8	906.6
172.5°	923.2	921.3	923.2	925.1	925.6	919.4	911.2	907.2	907.2	907.2	907.2
175°	918.8	918.8	918.8	918.8	918.8	915.0	909.8	907.2	908.4	910.8	912.7
177.5°	914.9	912.7	914.9	917.1	917.6	914.5	910.4	908.4	909.4	911.2	912.7
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



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

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°	16.0	11.1	6.1	11.1	16.0	17.2	27.0	40.0	46.5	41.4	31.0
92.5°	107.9	66.2	24.5	66.2	107.9	118.3	166.3	230.2	262.2	229.8	165.0
95°	211.2	135.1	58.8	135.1	211.2	230.3	408.9	647.1	766.3	683.8	518.8
97.5°	236.2	168.9	101.7	168.9	236.2	253.0	550.9	948.1	1146.7	1094.5	990.3
100°	256.8	195.7	134.8	195.7	256.8	272.0	602.6	1043.3	1263.7	1267.5	1275.1
102.5°	276.7	219.8	162.9	219.8	276.7	291.0	626.2	1073.3	1296.8	1363.1	1496.0
105°	307.1	259.0	210.7	259.0	307.1	319.1	643.8	1076.6	1293.1	1442.0	1739.8
107.5°	349.6	304.7	259.7	304.7	349.6	360.8	647.0	1028.7	1219.6	1427.3	1842.7
110°	373.9	333.4	292.8	333.4	373.9	384.0	642.1	986.2	1158.3	1390.5	1855.0



TEST NUMBER: P934720

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

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	402.5	363.9	325.2	363.9	402.5	412.2	642.3	949.2	1102.6	1340.3	1815.6
115°	445.6	409.9	374.3	409.9	445.6	454.5	648.2	906.6	1035.8	1264.7	1722.7
117.5°	487.5	455.1	422.7	455.1	487.5	495.6	660.4	880.0	989.9	1196.5	1609.7
120°	511.8	481.3	450.8	481.3	511.8	519.4	670.1	871.0	971.5	1160.3	1537.9
122.5°	539.9	509.2	478.4	509.2	539.9	547.6	684.2	866.3	957.4	1127.4	1467.5
125°	576.7	548.7	520.7	548.7	576.7	583.7	703.2	862.4	942.1	1086.5	1375.3
127.5°	611.6	583.3	555.0	583.3	611.6	618.7	722.2	860.3	929.2	1053.2	1301.2
130°	634.3	603.8	573.3	603.8	634.3	641.9	736.1	861.6	924.4	1034.7	1255.6
132.5°	653.4	622.8	592.3	622.8	653.4	661.0	747.3	862.4	920.0	1018.8	1216.5
135°	676.1	648.2	620.5	648.2	676.1	683.0	759.6	861.6	912.7	995.5	1161.0
137.5°	704.2	676.8	649.3	676.8	704.2	711.2	778.0	867.0	911.4	981.4	1121.4
140°	723.8	698.5	673.2	698.5	723.8	730.1	789.1	867.9	907.2	967.6	1088.5
142.5°	738.4	715.0	691.6	715.0	738.4	744.3	798.6	871.0	907.2	960.2	1066.4
145°	760.6	740.2	719.8	740.2	760.6	765.7	810.9	871.0	901.1	944.5	1031.4
147.5°	787.7	767.8	747.9	767.8	787.7	792.7	828.8	876.9	901.1	935.2	1003.5
150°	802.3	784.3	766.3	784.3	802.3	806.7	838.1	880.1	901.1	929.9	987.6
152.5°	812.5	798.9	785.3	798.9	812.5	815.9	844.2	882.1	901.1	925.7	975.0
155°	833.6	823.5	813.4	823.5	833.6	836.1	857.8	886.6	901.1	920.6	959.8
157.5°	853.8	844.0	834.3	844.0	853.8	856.3	871.2	891.1	901.1	916.3	946.8
160°	863.6	856.0	848.4	856.0	863.6	865.5	877.3	893.2	901.1	914.1	940.3
162.5°	873.9	868.2	862.4	868.2	873.9	875.4	884.0	895.3	901.1	912.1	934.2
165°	888.1	882.9	877.7	882.9	888.1	889.4	893.3	898.5	901.1	909.0	924.8
167.5°	896.8	894.3	891.9	894.3	896.8	897.4	900.7	905.0	907.2	912.3	922.7
170°	906.0	903.5	901.1	903.5	906.0	906.6	906.8	907.1	907.2	912.3	922.7
172.5°	907.1	906.5	906.0	906.5	907.1	907.2	907.2	907.2	907.2	911.2	919.4
175°	912.7	912.7	912.7	912.7	912.7	912.7	910.8	908.4	907.2	909.8	915.0
177.5°	912.7	912.7	912.7	912.7	912.7	912.7	911.2	909.4	908.4	910.4	914.5
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934720
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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°	23.3	23.3	23.3	23.3	23.3	23.3	23.3	31.0	41.4	46.5	40.0
92.5°	116.4	111.7	93.3	74.7	93.3	111.7	116.4	165.0	229.8	262.2	230.2
95°	395.1	381.1	325.1	268.9	325.1	381.1	395.1	518.8	683.8	766.3	647.1
97.5°	912.1	885.4	778.6	671.9	778.6	885.4	912.1	990.3	1094.5	1146.7	948.1
100°	1280.8	1249.0	1122.0	994.8	1122.0	1249.0	1280.8	1275.1	1267.5	1263.7	1043.3
102.5°	1595.7	1568.4	1459.6	1350.7	1459.6	1568.4	1595.7	1496.0	1363.1	1296.8	1073.3
105°	1963.2	1948.5	1889.9	1831.5	1889.9	1948.5	1963.2	1739.8	1442.0	1293.1	1076.6
107.5°	2154.3	2157.9	2172.0	2186.1	2172.0	2157.9	2154.3	1842.7	1427.3	1219.6	1028.7
110°	2203.3	2218.6	2279.6	2340.6	2279.6	2218.6	2203.3	1855.0	1390.5	1158.3	986.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2172.1	2195.5	2289.1	2382.8	2289.1	2195.5	2172.1	1815.6	1340.3	1102.6	949.2
115°	2066.1	2098.6	2228.4	2358.3	2228.4	2098.6	2066.1	1722.7	1264.7	1035.8	906.6
117.5°	1919.7	1955.6	2099.7	2243.7	2099.7	1955.6	1919.7	1609.7	1196.5	989.9	880.0
120°	1821.1	1856.1	1996.1	2136.0	1996.1	1856.1	1821.1	1537.9	1160.3	971.5	871.0
122.5°	1722.5	1757.0	1895.0	2033.0	1895.0	1757.0	1722.5	1467.5	1127.4	957.4	866.3
125°	1592.0	1623.8	1750.9	1878.1	1750.9	1623.8	1592.0	1375.3	1086.5	942.1	862.4
127.5°	1487.2	1514.0	1621.3	1728.6	1621.3	1514.0	1487.2	1301.2	1053.2	929.2	860.3
130°	1421.1	1445.9	1544.9	1644.0	1544.9	1445.9	1421.1	1255.6	1034.7	924.4	861.6
132.5°	1364.7	1387.0	1475.7	1564.4	1475.7	1387.0	1364.7	1216.5	1018.8	920.0	862.4
135°	1285.1	1304.3	1380.7	1457.2	1380.7	1304.3	1285.1	1161.0	995.5	912.7	861.6
137.5°	1226.3	1241.9	1304.6	1367.2	1304.6	1241.9	1226.3	1121.4	981.4	911.4	867.0
140°	1179.2	1193.8	1252.4	1310.9	1252.4	1193.8	1179.2	1088.5	967.6	907.2	867.9
142.5°	1146.1	1158.6	1209.0	1259.4	1209.0	1158.6	1146.1	1066.4	960.2	907.2	871.0
145°	1096.5	1106.0	1144.1	1182.2	1144.1	1106.0	1096.5	1031.4	944.5	901.1	871.0
147.5°	1054.8	1062.7	1094.2	1125.8	1094.2	1062.7	1054.8	1003.5	935.2	901.1	876.9
150°	1030.9	1037.3	1062.9	1088.5	1062.9	1037.3	1030.9	987.6	929.9	901.1	880.1
152.5°	1011.9	1016.8	1036.0	1055.4	1036.0	1016.8	1011.9	975.0	925.7	901.1	882.1
155°	989.3	992.4	1005.3	1018.0	1005.3	992.4	989.3	959.8	920.6	901.1	886.6
157.5°	969.6	971.9	980.9	989.9	980.9	971.9	969.6	946.8	916.3	901.1	891.1
160°	959.8	961.1	966.4	971.5	966.4	961.1	959.8	940.3	914.1	901.1	893.2
162.5°	950.7	951.8	956.8	961.7	956.8	951.8	950.7	934.2	912.1	901.1	895.3
165°	936.6	937.9	943.0	948.2	943.0	937.9	936.6	924.8	909.0	901.1	898.5
167.5°	930.5	931.0	933.2	935.3	933.2	931.0	930.5	922.7	912.3	907.2	905.0
170°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	922.7	912.3	907.2	907.1
172.5°	925.6	925.1	923.2	921.3	923.2	925.1	925.6	919.4	911.2	907.2	907.2
175°	918.8	918.8	918.8	918.8	918.8	918.8	918.8	915.0	909.8	907.2	908.4
177.5°	917.6	917.1	914.9	912.7	914.9	917.1	917.6	914.5	910.4	908.4	909.4
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



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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°	27.0	17.2	16.0	11.1	6.1
92.5°	166.3	118.3	107.9	66.2	24.5
95°	408.9	230.3	211.2	135.1	58.8
97.5°	550.9	253.0	236.2	168.9	101.7
100°	602.6	272.0	256.8	195.7	134.8
102.5°	626.2	291.0	276.7	219.8	162.9
105°	643.8	319.1	307.1	259.0	210.7
107.5°	647.0	360.8	349.6	304.7	259.7
110°	642.1	384.0	373.9	333.4	292.8



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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	642.3	412.2	402.5	363.9	325.2
115°	648.2	454.5	445.6	409.9	374.3
117.5°	660.4	495.6	487.5	455.1	422.7
120°	670.1	519.4	511.8	481.3	450.8
122.5°	684.2	547.6	539.9	509.2	478.4
125°	703.2	583.7	576.7	548.7	520.7
127.5°	722.2	618.7	611.6	583.3	555.0
130°	736.1	641.9	634.3	603.8	573.3
132.5°	747.3	661.0	653.4	622.8	592.3
135°	759.6	683.0	676.1	648.2	620.5
137.5°	778.0	711.2	704.2	676.8	649.3
140°	789.1	730.1	723.8	698.5	673.2
142.5°	798.6	744.3	738.4	715.0	691.6
145°	810.9	765.7	760.6	740.2	719.8
147.5°	828.8	792.7	787.7	767.8	747.9
150°	838.1	806.7	802.3	784.3	766.3
152.5°	844.2	815.9	812.5	798.9	785.3
155°	857.8	836.1	833.6	823.5	813.4
157.5°	871.2	856.3	853.8	844.0	834.3
160°	877.3	865.5	863.6	856.0	848.4
162.5°	884.0	875.4	873.9	868.2	862.4
165°	893.3	889.4	888.1	882.9	877.7
167.5°	900.7	897.4	896.8	894.3	891.9
170°	906.8	906.6	906.0	903.5	901.1
172.5°	907.2	907.2	907.1	906.5	906.0
175°	910.8	912.7	912.7	912.7	912.7
177.5°	911.2	912.7	912.7	912.7	912.7
180°	912.7	912.7	912.7	912.7	912.7



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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	12.49	13.33	13.47	14.32	15.63	15.33	16.17	16.30	17.16	18.46
	3H	12.97	13.72	13.95	14.72	16.04	16.68	17.43	17.66	18.43	19.75
	4H	13.16	13.87	14.16	14.87	16.21	17.12	17.83	18.12	18.84	20.17
	6H	13.28	13.93	14.29	14.94	16.28	17.41	18.06	18.42	19.07	20.42
	8H	13.28	13.90	14.29	14.93	16.27	17.48	18.11	18.50	19.13	20.47
	12H	13.25	13.84	14.27	14.86	16.22	17.52	18.12	18.54	19.13	20.50
4H	2H	13.52	14.24	14.53	15.24	16.57	15.74	16.45	16.74	17.45	18.78
	3H	14.55	15.14	15.56	16.17	17.52	17.24	17.84	18.26	18.87	20.21
	4H	14.82	15.37	15.85	16.39	17.76	17.77	18.32	18.79	19.34	20.71
	6H	14.95	15.42	15.98	16.46	17.83	18.14	18.61	19.17	19.65	21.02
	8H	14.95	15.39	15.99	16.43	17.81	18.24	18.68	19.28	19.72	21.10
	12H	14.92	15.31	15.97	16.37	17.75	18.30	18.70	19.35	19.75	21.14
8H	4H	15.28	15.71	16.31	16.75	18.13	17.89	18.33	18.93	19.37	20.75
	6H	15.54	15.90	16.60	16.98	18.36	18.33	18.69	19.39	19.77	21.15
	8H	15.58	15.90	16.65	16.96	18.36	18.48	18.80	19.55	19.87	21.26
	12H	15.56	15.84	16.63	16.90	18.34	18.58	18.86	19.65	19.92	21.36
12H	4H	15.28	15.68	16.34	16.73	18.12	17.86	18.25	18.91	19.31	20.69
	6H	15.60	15.92	16.67	16.98	18.38	18.33	18.65	19.39	19.71	21.11
	8H	15.67	15.94	16.74	17.01	18.44	18.49	18.77	19.56	19.83	21.27