

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: P935215

Luminaire Tested: SQ4-FA-100U-100D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935215
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

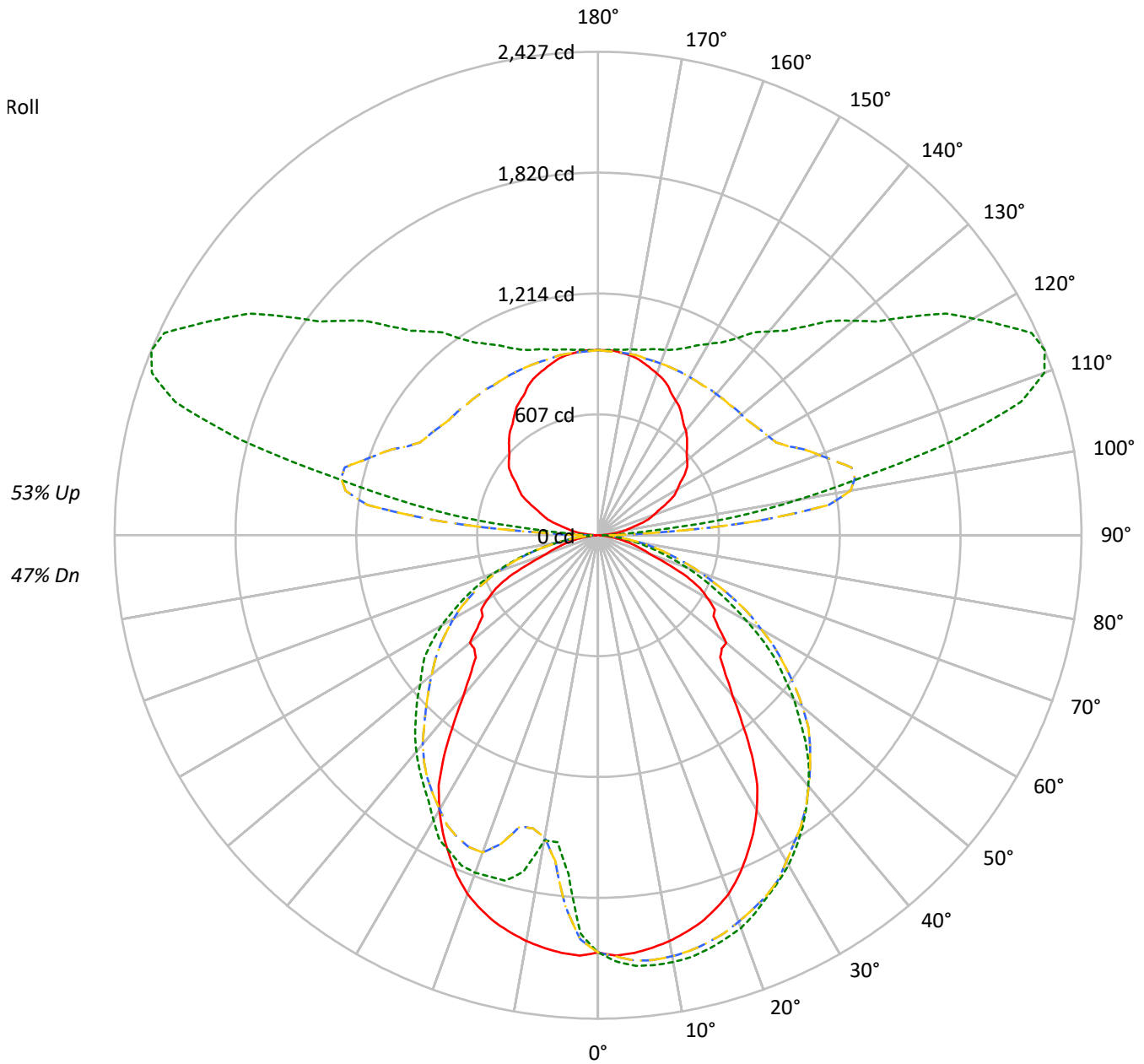
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11461.0 lumens
Efficiency: N/A
Efficacy: 131.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 87
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

TEST NUMBER: P935215
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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				
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	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	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°	12958	12958	12958	12958
5°	13049	13080	13049	10285
10°	12958	12885	12958	9212
15°	12812	12605	12812	10526
20°	12539	12275	12539	10548
25°	11986	11793	11986	10324
30°	11273	11392	11273	9833
35°	10045	10885	10045	9294
40°	8365	10289	8365	8887
45°	7469	9591	7469	8418
50°	7929	8759	7929	7948
55°	7453	7862	7453	7676
60°	7673	6677	7673	7030
65°	6946	5519	6946	6170
70°	4798	4399	4798	5171
75°	4192	3251	4192	3894
80°	3352	2150	3352	2341
85°	1890	1139	1890	968

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11455 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.1	1.6
10°-20°	536.8	4.7
20°-30°	829.9	7.2
30°-40°	990.7	8.6
40°-50°	996.5	8.7
50°-60°	867.1	7.6
60°-70°	614.8	5.4
70°-80°	325.2	2.8
80°-90°	84.5	0.7
90°-100°	453.1	4.0
100°-110°	1191.4	10.4
110°-120°	1235.3	10.8
120°-130°	990.9	8.6
130°-140°	777.5	6.8
140°-150°	596.7	5.2
150°-160°	429.8	3.7
160°-170°	263.0	2.3
170°-180°	88.8	0.8
0°-30°	1555.8	13.6
0°-40°	2546.5	22.2
0°-60°	4410.0	38.5
0°-90°	5434.5	47.4
90°-120°	2879.8	25.1
90°-150°	5244.9	45.8
90°-180°	6026.0	52.6
0°-180°	11461.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2095	2095	2095	2095	2095	
5°	2104	2170	2104	1706	2104	200
15°	2009	2150	2009	1795	2009	565
25°	1770	2006	1770	1756	1770	813
35°	1346	1789	1346	1528	1346	832
45°	868	1474	868	1294	868	695
55°	708	1088	708	1062	708	650
65°	492	656	492	733	492	470
75°	186	311	186	373	186	196
85°	32	79	32	67	32	43
90°	6	24	6	24	6	6
95°	60	274	60	274	60	67
105°	215	1866	215	1866	215	228
115°	381	2402	381	2402	381	377
125°	530	1913	530	1913	530	471
135°	632	1484	632	1484	632	489
145°	733	1204	733	1204	733	459
155°	829	1037	829	1037	829	381
165°	894	966	894	966	894	252
175°	930	936	930	936	930	88
180°	930	930	930	930	930	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2112.5	2112.5	2124.4	2128.3	2128.3	2122.4	2116.4	2122.4	2140.2	2146.2	2144.2
5°	2104.5	2120.4	2142.2	2146.2	2150.1	2148.1	2144.2	2148.1	2167.9	2171.9	2173.9
7.5°	2088.7	2118.4	2146.2	2152.1	2158.0	2152.1	2150.1	2154.1	2173.9	2177.9	2177.9
10°	2068.9	2110.5	2142.2	2146.2	2152.1	2146.2	2146.2	2154.1	2173.9	2177.9	2179.8
12.5°	2041.1	2098.6	2128.3	2132.3	2140.2	2138.2	2136.2	2144.2	2164.0	2167.9	2167.9
15°	2009.4	2076.8	2104.5	2108.5	2122.4	2118.4	2118.4	2126.3	2148.1	2154.1	2152.1
17.5°	1965.8	2049.0	2080.8	2086.7	2096.6	2094.6	2096.6	2104.5	2124.4	2128.3	2130.3
20°	1916.3	2011.4	2049.0	2055.0	2064.9	2064.9	2064.9	2074.8	2094.6	2102.6	2102.6
22.5°	1848.9	1971.8	2011.4	2015.4	2027.3	2027.3	2031.2	2045.1	2062.9	2064.9	2064.9
25°	1769.6	1928.2	1961.9	1973.7	1985.6	1991.6	1997.5	2005.5	2011.4	2009.4	2011.4
27.5°	1686.4	1872.7	1916.3	1924.2	1940.1	1946.0	1953.9	1955.9	1957.9	1963.8	1959.9
30°	1593.3	1795.4	1860.8	1868.7	1894.5	1898.4	1890.5	1894.5	1904.4	1908.4	1912.3
32.5°	1488.2	1680.5	1803.3	1821.2	1844.9	1833.0	1831.1	1837.0	1852.9	1852.9	1856.8
35°	1345.6	1591.3	1749.8	1765.7	1783.5	1769.6	1777.6	1779.5	1789.4	1795.4	1793.4
37.5°	1189.0	1514.0	1694.3	1706.2	1720.1	1702.3	1714.1	1720.1	1728.0	1724.1	1724.1
40°	1050.3	1393.1	1628.9	1636.9	1648.8	1634.9	1646.8	1650.7	1654.7	1650.7	1648.8
42.5°	947.2	1260.3	1559.6	1569.5	1561.6	1571.5	1575.4	1583.4	1577.4	1569.5	1569.5
45°	868.0	1224.7	1484.3	1496.2	1484.3	1500.1	1506.1	1506.1	1488.2	1484.3	1482.3
47.5°	842.2	1153.3	1409.0	1409.0	1403.0	1422.8	1432.7	1418.9	1401.0	1395.1	1395.1
50°	840.2	1074.1	1305.9	1298.0	1325.7	1349.5	1339.6	1325.7	1311.9	1290.1	1290.1
52.5°	762.9	977.0	1173.1	1202.9	1246.5	1260.3	1244.5	1230.6	1206.8	1196.9	1189.0
55°	707.5	875.9	1052.3	1111.7	1157.3	1175.1	1145.4	1131.5	1095.9	1089.9	1086.0
57.5°	695.6	729.3	941.3	1016.6	1072.1	1070.1	1052.3	1026.5	996.8	990.8	988.9
60°	638.1	527.1	822.4	911.6	969.0	963.1	947.2	923.5	895.7	891.8	887.8
62.5°	578.6	382.5	687.6	788.7	870.0	868.0	854.1	818.4	798.6	788.7	780.8
65°	491.5	321.0	489.5	655.9	772.9	776.8	747.1	721.3	699.5	687.6	685.7
67.5°	374.5	261.6	330.9	546.9	679.7	675.8	638.1	626.2	598.5	592.5	580.6
70°	277.4	174.4	229.9	443.9	588.6	578.6	548.9	535.1	509.3	495.4	487.5
72.5°	229.9	140.7	168.4	344.8	495.4	483.5	457.8	441.9	420.1	408.2	400.3
75°	186.3	148.6	128.8	255.6	402.3	394.4	370.6	354.7	336.9	321.0	323.0
77.5°	136.7	138.7	103.0	188.3	319.0	307.2	293.3	273.5	265.5	249.7	249.7
80°	103.0	109.0	77.3	128.8	229.9	229.9	218.0	204.1	190.2	182.3	182.3
82.5°	69.4	69.4	57.5	81.2	156.6	150.6	142.7	138.7	130.8	126.8	126.8
85°	31.7	39.6	35.7	49.5	85.2	89.2	89.2	85.2	83.2	79.3	81.2
87.5°	9.9	17.8	21.8	27.7	43.6	45.6	47.6	47.6	47.6	49.5	49.5
90°	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6	23.7	23.7
92.5°	25.0	67.4	109.8	120.4	169.3	234.4	267.0	234.0	168.0	118.5	113.8
95°	59.9	137.5	215.2	234.6	416.6	659.2	780.5	696.5	528.4	402.4	388.1
97.5°	103.6	172.1	240.6	257.7	561.1	965.7	1168.0	1114.9	1008.7	929.0	901.8
100°	137.3	199.4	261.5	277.0	613.7	1062.6	1287.1	1291.0	1298.8	1304.6	1272.2
102.5°	166.0	224.0	281.9	296.4	637.9	1093.2	1320.8	1388.5	1523.8	1625.3	1597.6
105°	214.6	263.7	312.8	325.1	655.8	1096.7	1317.1	1468.8	1772.1	1999.6	1984.7
107.5°	264.5	310.3	356.1	367.5	659.1	1047.8	1242.2	1453.8	1876.9	2194.3	2197.9
110°	298.2	339.5	380.9	391.2	654.1	1004.6	1179.8	1416.3	1889.4	2244.2	2259.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.3	370.7	410.1	419.9	654.3	966.8	1123.0	1365.1	1849.3	2212.4	2236.2
115°	381.2	417.5	453.8	462.9	660.3	923.4	1055.0	1288.2	1754.7	2104.5	2137.6
117.5°	430.5	463.5	496.5	504.7	672.5	896.3	1008.2	1218.7	1639.6	1955.3	1992.0
120°	459.2	490.3	521.3	529.1	682.6	887.2	989.5	1181.8	1566.4	1854.9	1890.5
122.5°	487.3	518.6	550.0	557.8	696.9	882.4	975.2	1148.4	1494.7	1754.4	1789.6
125°	530.3	558.9	587.5	594.6	716.3	878.5	959.6	1106.7	1400.9	1621.6	1654.0
127.5°	565.3	594.1	623.0	630.2	735.6	876.2	946.5	1072.8	1325.4	1514.9	1542.2
130°	584.0	615.1	646.1	653.9	749.8	877.6	941.5	1053.9	1278.8	1447.5	1472.7
132.5°	603.3	634.4	665.4	673.2	761.2	878.5	937.1	1037.8	1239.1	1390.1	1412.7
135°	632.0	660.3	688.6	695.7	773.7	877.6	929.6	1013.9	1182.5	1309.0	1328.5
137.5°	661.3	689.3	717.4	724.4	792.4	883.1	928.4	999.7	1142.2	1249.1	1265.0
140°	685.7	711.5	737.3	743.7	803.8	883.9	924.0	985.6	1108.7	1201.0	1215.9
142.5°	704.4	728.3	752.1	758.1	813.4	887.1	924.0	978.1	1086.2	1167.3	1180.1
145°	733.1	753.9	774.7	779.9	825.9	887.2	917.8	962.0	1050.5	1116.8	1126.5
147.5°	761.8	782.0	802.2	807.3	844.1	893.2	917.8	952.6	1022.2	1074.4	1082.4
150°	780.5	798.8	817.1	821.7	853.7	896.4	917.8	947.2	1005.9	1050.0	1056.5
152.5°	799.9	813.8	827.6	831.1	860.0	898.5	917.8	942.9	993.1	1030.7	1035.6
155°	828.6	838.8	849.0	851.6	873.7	903.1	917.8	937.8	977.7	1007.6	1010.9
157.5°	849.8	859.8	869.7	872.2	887.4	907.7	917.8	933.3	964.4	987.7	990.0
160°	864.1	871.9	879.7	881.6	893.7	909.8	917.8	931.1	957.7	977.7	979.0
162.5°	878.5	884.3	890.1	891.6	900.3	912.0	917.8	929.0	951.5	968.3	969.5
165°	894.1	899.3	904.6	905.9	909.9	915.2	917.8	925.8	941.9	954.0	955.3
167.5°	908.4	910.9	913.4	914.0	917.3	921.8	924.0	929.3	939.8	947.7	948.3
170°	917.8	920.3	922.8	923.4	923.6	923.9	924.0	929.3	939.8	947.7	947.7
172.5°	922.8	923.3	923.9	924.0	924.0	924.0	924.0	928.2	936.5	942.7	942.2
175°	929.6	929.6	929.6	929.6	927.7	925.2	924.0	926.6	931.9	935.9	935.9
177.5°	929.6	929.6	929.6	929.6	928.2	926.3	925.3	927.4	931.5	934.6	934.0
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2148.1	2142.2	2148.1	2144.2	2146.2	2140.2	2122.4	2116.4	2122.4	2128.3	2128.3
5°	2173.9	2169.9	2173.9	2173.9	2171.9	2167.9	2148.1	2144.2	2148.1	2150.1	2146.2
7.5°	2181.8	2175.9	2181.8	2177.9	2177.9	2173.9	2154.1	2150.1	2152.1	2158.0	2152.1
10°	2181.8	2175.9	2181.8	2179.8	2177.9	2173.9	2154.1	2146.2	2146.2	2152.1	2146.2
12.5°	2171.9	2167.9	2171.9	2167.9	2167.9	2164.0	2144.2	2136.2	2138.2	2140.2	2132.3
15°	2156.1	2150.1	2156.1	2152.1	2154.1	2148.1	2126.3	2118.4	2118.4	2122.4	2108.5
17.5°	2132.3	2124.4	2132.3	2130.3	2128.3	2124.4	2104.5	2096.6	2094.6	2096.6	2086.7
20°	2104.5	2098.6	2104.5	2102.6	2102.6	2094.6	2074.8	2064.9	2064.9	2064.9	2055.0
22.5°	2060.9	2055.0	2060.9	2064.9	2064.9	2062.9	2045.1	2031.2	2027.3	2027.3	2015.4
25°	2011.4	2005.5	2011.4	2011.4	2009.4	2011.4	2005.5	1997.5	1991.6	1985.6	1973.7
27.5°	1963.8	1959.9	1963.8	1959.9	1963.8	1957.9	1955.9	1953.9	1946.0	1940.1	1924.2
30°	1916.3	1912.3	1916.3	1912.3	1908.4	1904.4	1894.5	1890.5	1898.4	1894.5	1868.7
32.5°	1856.8	1852.9	1856.8	1856.8	1852.9	1852.9	1837.0	1831.1	1833.0	1844.9	1821.2
35°	1795.4	1789.4	1795.4	1793.4	1795.4	1789.4	1779.5	1777.6	1769.6	1783.5	1765.7
37.5°	1724.1	1718.1	1724.1	1724.1	1724.1	1728.0	1720.1	1714.1	1702.3	1720.1	1706.2
40°	1650.7	1642.8	1650.7	1648.8	1650.7	1654.7	1650.7	1646.8	1634.9	1648.8	1636.9
42.5°	1567.5	1565.5	1567.5	1569.5	1569.5	1577.4	1583.4	1575.4	1571.5	1561.6	1569.5
45°	1478.3	1474.4	1478.3	1482.3	1484.3	1488.2	1506.1	1506.1	1500.1	1484.3	1496.2
47.5°	1383.2	1373.3	1383.2	1395.1	1395.1	1401.0	1418.9	1432.7	1422.8	1403.0	1409.0
50°	1282.1	1284.1	1282.1	1290.1	1290.1	1311.9	1325.7	1339.6	1349.5	1325.7	1298.0
52.5°	1183.1	1181.1	1183.1	1189.0	1196.9	1206.8	1230.6	1244.5	1260.3	1246.5	1202.9
55°	1084.0	1087.9	1084.0	1086.0	1089.9	1095.9	1131.5	1145.4	1175.1	1157.3	1111.7
57.5°	984.9	978.9	984.9	988.9	990.8	996.8	1026.5	1052.3	1070.1	1072.1	1016.6
60°	870.0	862.0	870.0	887.8	891.8	895.7	923.5	947.2	963.1	969.0	911.6
62.5°	768.9	755.0	768.9	780.8	788.7	798.6	818.4	854.1	868.0	870.0	788.7
65°	661.9	655.9	661.9	685.7	687.6	699.5	721.3	747.1	776.8	772.9	655.9
67.5°	564.8	564.8	564.8	580.6	592.5	598.5	626.2	638.1	675.8	679.7	546.9
70°	475.6	473.6	475.6	487.5	495.4	509.3	535.1	548.9	578.6	588.6	443.9
72.5°	390.4	388.4	390.4	400.3	408.2	420.1	441.9	457.8	483.5	495.4	344.8
75°	315.1	311.1	315.1	323.0	321.0	336.9	354.7	370.6	394.4	402.3	255.6
77.5°	241.8	241.8	241.8	249.7	249.7	265.5	273.5	293.3	307.2	319.0	188.3
80°	180.3	178.4	180.3	182.3	182.3	190.2	204.1	218.0	229.9	229.9	128.8
82.5°	126.8	122.9	126.8	126.8	126.8	130.8	138.7	142.7	150.6	156.6	81.2
85°	79.3	79.3	79.3	81.2	79.3	83.2	85.2	89.2	89.2	85.2	49.5
87.5°	51.5	49.5	51.5	49.5	49.5	47.6	47.6	47.6	45.6	43.6	27.7
90°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8	27.5	17.5
92.5°	94.9	76.1	94.9	113.8	118.5	168.0	234.0	267.0	234.4	169.3	120.4
95°	331.0	273.9	331.0	388.1	402.4	528.4	696.5	780.5	659.2	416.6	234.6
97.5°	793.1	684.4	793.1	901.8	929.0	1008.7	1114.9	1168.0	965.7	561.1	257.7
100°	1142.7	1013.2	1142.7	1272.2	1304.6	1298.8	1291.0	1287.1	1062.6	613.7	277.0
102.5°	1486.6	1375.7	1486.6	1597.6	1625.3	1523.8	1388.5	1320.8	1093.2	637.9	296.4
105°	1925.1	1865.5	1925.1	1984.7	1999.6	1772.1	1468.8	1317.1	1096.7	655.8	325.1
107.5°	2212.4	2226.8	2212.4	2197.9	2194.3	1876.9	1453.8	1242.2	1047.8	659.1	367.5
110°	2321.9	2384.0	2321.9	2259.7	2244.2	1889.4	1416.3	1179.8	1004.6	654.1	391.2



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CATALOG NUMBER: SQ4-FA-100U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2331.6	2427.0	2331.6	2236.2	2212.4	1849.3	1365.1	1123.0	966.8	654.3	419.9
115°	2269.8	2402.1	2269.8	2137.6	2104.5	1754.7	1288.2	1055.0	923.4	660.3	462.9
117.5°	2138.7	2285.4	2138.7	1992.0	1955.3	1639.6	1218.7	1008.2	896.3	672.5	504.7
120°	2033.1	2175.6	2033.1	1890.5	1854.9	1566.4	1181.8	989.5	887.2	682.6	529.1
122.5°	1930.2	2070.8	1930.2	1789.6	1754.4	1494.7	1148.4	975.2	882.4	696.9	557.8
125°	1783.4	1912.9	1783.4	1654.0	1621.6	1400.9	1106.7	959.6	878.5	716.3	594.6
127.5°	1651.5	1760.7	1651.5	1542.2	1514.9	1325.4	1072.8	946.5	876.2	735.6	630.2
130°	1573.7	1674.6	1573.7	1472.7	1447.5	1278.8	1053.9	941.5	877.6	749.8	653.9
132.5°	1503.1	1593.5	1503.1	1412.7	1390.1	1239.1	1037.8	937.1	878.5	761.2	673.2
135°	1406.4	1484.3	1406.4	1328.5	1309.0	1182.5	1013.9	929.6	877.6	773.7	695.7
137.5°	1328.8	1392.6	1328.8	1265.0	1249.1	1142.2	999.7	928.4	883.1	792.4	724.4
140°	1275.6	1335.2	1275.6	1215.9	1201.0	1108.7	985.6	924.0	883.9	803.8	743.7
142.5°	1231.5	1282.8	1231.5	1180.1	1167.3	1086.2	978.1	924.0	887.1	813.4	758.1
145°	1165.4	1204.2	1165.4	1126.5	1116.8	1050.5	962.0	917.8	887.2	825.9	779.9
147.5°	1114.6	1146.8	1114.6	1082.4	1074.4	1022.2	952.6	917.8	893.2	844.1	807.3
150°	1082.6	1108.7	1082.6	1056.5	1050.0	1005.9	947.2	917.8	896.4	853.7	821.7
152.5°	1055.3	1075.0	1055.3	1035.6	1030.7	993.1	942.9	917.8	898.5	860.0	831.1
155°	1023.9	1036.9	1023.9	1010.9	1007.6	977.7	937.8	917.8	903.1	873.7	851.6
157.5°	999.1	1008.2	999.1	990.0	987.7	964.4	933.3	917.8	907.7	887.4	872.2
160°	984.3	989.5	984.3	979.0	977.7	957.7	931.1	917.8	909.8	893.7	881.6
162.5°	974.5	979.5	974.5	969.5	968.3	951.5	929.0	917.8	912.0	900.3	891.6
165°	960.6	965.8	960.6	955.3	954.0	941.9	925.8	917.8	915.2	909.9	905.9
167.5°	950.5	952.7	950.5	948.3	947.7	939.8	929.3	924.0	921.8	917.3	914.0
170°	947.7	947.7	947.7	947.7	947.7	939.8	929.3	924.0	923.9	923.6	923.4
172.5°	940.3	938.4	940.3	942.2	942.7	936.5	928.2	924.0	924.0	924.0	924.0
175°	935.9	935.9	935.9	935.9	935.9	931.9	926.6	924.0	925.2	927.7	929.6
177.5°	931.8	929.6	931.8	934.0	934.6	931.5	927.4	925.3	926.3	928.2	929.6
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2124.4	2112.5	2112.5	2092.6	2084.7	2078.8	2068.9	2039.1	2031.2	2023.3	2035.2
5°	2142.2	2120.4	2104.5	2068.9	2039.1	2027.3	1989.6	1918.3	1870.7	1835.0	1815.2
7.5°	2146.2	2118.4	2088.7	2033.2	1961.9	1930.1	1815.2	1684.4	1648.8	1617.0	1597.2
10°	2142.2	2110.5	2068.9	1985.6	1817.2	1761.7	1646.8	1561.6	1539.8	1533.8	1539.8
12.5°	2128.3	2098.6	2041.1	1902.4	1666.6	1628.9	1561.6	1512.0	1508.1	1518.0	1571.5
15°	2104.5	2076.8	2009.4	1791.4	1583.4	1555.6	1508.1	1490.2	1512.0	1581.4	1741.9
17.5°	2080.8	2049.0	1965.8	1682.4	1519.9	1500.1	1466.4	1502.1	1625.0	1718.1	1771.6
20°	2049.0	2011.4	1916.3	1603.2	1474.4	1456.5	1440.7	1601.2	1694.3	1728.0	1757.7
22.5°	2011.4	1971.8	1848.9	1547.7	1426.8	1412.9	1422.8	1656.7	1694.3	1718.1	1743.9
25°	1961.9	1928.2	1769.6	1504.1	1389.2	1373.3	1411.0	1650.7	1672.5	1678.5	1730.0
27.5°	1916.3	1872.7	1686.4	1464.5	1343.6	1337.6	1420.9	1625.0	1640.8	1646.8	1702.3
30°	1860.8	1795.4	1593.3	1422.8	1296.0	1294.0	1422.8	1593.3	1589.3	1605.2	1660.6
32.5°	1803.3	1680.5	1488.2	1371.3	1250.4	1248.5	1409.0	1545.7	1541.7	1563.5	1605.2
35°	1749.8	1591.3	1345.6	1311.9	1193.0	1194.9	1375.3	1490.2	1492.2	1512.0	1537.8
37.5°	1694.3	1514.0	1189.0	1246.5	1137.5	1137.5	1329.7	1438.7	1434.7	1440.7	1476.3
40°	1628.9	1393.1	1050.3	1161.3	1086.0	1080.0	1274.2	1383.2	1369.3	1367.4	1416.9
42.5°	1559.6	1260.3	947.2	1048.3	1026.5	1018.6	1206.8	1315.8	1290.1	1296.0	1359.4
45°	1484.3	1224.7	868.0	885.8	965.1	959.1	1133.5	1238.5	1220.7	1236.6	1302.0
47.5°	1409.0	1153.3	842.2	735.2	899.7	897.7	1052.3	1163.2	1153.3	1169.2	1238.5
50°	1305.9	1074.1	840.2	630.2	826.4	834.3	955.2	1089.9	1089.9	1103.8	1177.1
52.5°	1173.1	977.0	762.9	570.7	741.1	764.9	870.0	1026.5	1030.5	1044.3	1109.7
55°	1052.3	875.9	707.5	525.1	640.1	691.6	786.7	961.1	969.0	982.9	1042.4
57.5°	941.3	729.3	695.6	471.6	546.9	596.5	713.4	897.7	901.7	913.6	971.0
60°	822.4	527.1	638.1	414.2	465.7	503.3	646.0	822.4	836.3	844.2	893.7
62.5°	687.6	382.5	578.6	374.5	426.1	434.0	590.5	751.1	768.9	774.8	804.6
65°	489.5	321.0	491.5	340.8	384.4	386.4	531.1	677.7	693.6	703.5	725.3
67.5°	330.9	261.6	374.5	309.1	352.7	354.7	473.6	592.5	614.3	622.2	636.1
70°	229.9	174.4	277.4	275.5	317.1	321.0	412.2	515.2	535.1	541.0	548.9
72.5°	168.4	140.7	229.9	247.7	279.4	283.4	348.8	428.0	447.9	453.8	457.8
75°	128.8	148.6	186.3	216.0	237.8	239.8	285.4	348.8	362.6	366.6	368.6
77.5°	103.0	138.7	136.7	174.4	194.2	190.2	223.9	269.5	281.4	281.4	281.4
80°	77.3	109.0	103.0	124.8	142.7	138.7	160.5	192.2	196.2	200.1	198.2
82.5°	57.5	69.4	69.4	79.3	95.1	91.2	107.0	124.8	124.8	124.8	128.8
85°	35.7	39.6	31.7	41.6	53.5	51.5	59.5	67.4	69.4	69.4	65.4
87.5°	21.8	17.8	9.9	15.9	23.8	23.8	27.7	29.7	27.7	27.7	27.7
90°	16.2	11.2	6.2	11.2	16.2	17.5	27.5	40.8	47.4	42.1	31.6
92.5°	109.8	67.4	25.0	67.4	109.8	120.4	169.3	234.4	267.0	234.0	168.0
95°	215.2	137.5	59.9	137.5	215.2	234.6	416.6	659.2	780.5	696.5	528.4
97.5°	240.6	172.1	103.6	172.1	240.6	257.7	561.1	965.7	1168.0	1114.9	1008.7
100°	261.5	199.4	137.3	199.4	261.5	277.0	613.7	1062.6	1287.1	1291.0	1298.8
102.5°	281.9	224.0	166.0	224.0	281.9	296.4	637.9	1093.2	1320.8	1388.5	1523.8
105°	312.8	263.7	214.6	263.7	312.8	325.1	655.8	1096.7	1317.1	1468.8	1772.1
107.5°	356.1	310.3	264.5	310.3	356.1	367.5	659.1	1047.8	1242.2	1453.8	1876.9
110°	380.9	339.5	298.2	339.5	380.9	391.2	654.1	1004.6	1179.8	1416.3	1889.4



TEST NUMBER: P935215

CATALOG NUMBER: SQ4-FA-100U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	410.1	370.7	331.3	370.7	410.1	419.9	654.3	966.8	1123.0	1365.1	1849.3
115°	453.8	417.5	381.2	417.5	453.8	462.9	660.3	923.4	1055.0	1288.2	1754.7
117.5°	496.5	463.5	430.5	463.5	496.5	504.7	672.5	896.3	1008.2	1218.7	1639.6
120°	521.3	490.3	459.2	490.3	521.3	529.1	682.6	887.2	989.5	1181.8	1566.4
122.5°	550.0	518.6	487.3	518.6	550.0	557.8	696.9	882.4	975.2	1148.4	1494.7
125°	587.5	558.9	530.3	558.9	587.5	594.6	716.3	878.5	959.6	1106.7	1400.9
127.5°	623.0	594.1	565.3	594.1	623.0	630.2	735.6	876.2	946.5	1072.8	1325.4
130°	646.1	615.1	584.0	615.1	646.1	653.9	749.8	877.6	941.5	1053.9	1278.8
132.5°	665.4	634.4	603.3	634.4	665.4	673.2	761.2	878.5	937.1	1037.8	1239.1
135°	688.6	660.3	632.0	660.3	688.6	695.7	773.7	877.6	929.6	1013.9	1182.5
137.5°	717.4	689.3	661.3	689.3	717.4	724.4	792.4	883.1	928.4	999.7	1142.2
140°	737.3	711.5	685.7	711.5	737.3	743.7	803.8	883.9	924.0	985.6	1108.7
142.5°	752.1	728.3	704.4	728.3	752.1	758.1	813.4	887.1	924.0	978.1	1086.2
145°	774.7	753.9	733.1	753.9	774.7	779.9	825.9	887.2	917.8	962.0	1050.5
147.5°	802.2	782.0	761.8	782.0	802.2	807.3	844.1	893.2	917.8	952.6	1022.2
150°	817.1	798.8	780.5	798.8	817.1	821.7	853.7	896.4	917.8	947.2	1005.9
152.5°	827.6	813.8	799.9	813.8	827.6	831.1	860.0	898.5	917.8	942.9	993.1
155°	849.0	838.8	828.6	838.8	849.0	851.6	873.7	903.1	917.8	937.8	977.7
157.5°	869.7	859.8	849.8	859.8	869.7	872.2	887.4	907.7	917.8	933.3	964.4
160°	879.7	871.9	864.1	871.9	879.7	881.6	893.7	909.8	917.8	931.1	957.7
162.5°	890.1	884.3	878.5	884.3	890.1	891.6	900.3	912.0	917.8	929.0	951.5
165°	904.6	899.3	894.1	899.3	904.6	905.9	909.9	915.2	917.8	925.8	941.9
167.5°	913.4	910.9	908.4	910.9	913.4	914.0	917.3	921.8	924.0	929.3	939.8
170°	922.8	920.3	917.8	920.3	922.8	923.4	923.6	923.9	924.0	929.3	939.8
172.5°	923.9	923.3	922.8	923.3	923.9	924.0	924.0	924.0	924.0	928.2	936.5
175°	929.6	929.6	929.6	929.6	929.6	929.6	927.7	925.2	924.0	926.6	931.9
177.5°	929.6	929.6	929.6	929.6	929.6	929.6	928.2	926.3	925.3	927.4	931.5
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



TEST NUMBER: P935215
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2021.3	2015.4	2023.3	2001.5	2023.3	2015.4	2021.3	2035.2	2023.3	2031.2	2039.1
5°	1773.6	1763.7	1732.0	1706.2	1732.0	1763.7	1773.6	1815.2	1835.0	1870.7	1918.3
7.5°	1585.3	1577.4	1569.5	1553.6	1569.5	1577.4	1585.3	1597.2	1617.0	1648.8	1684.4
10°	1543.7	1545.7	1557.6	1555.6	1557.6	1545.7	1543.7	1539.8	1533.8	1539.8	1561.6
12.5°	1650.7	1668.6	1734.0	1730.0	1734.0	1668.6	1650.7	1571.5	1518.0	1508.1	1512.0
15°	1773.6	1779.5	1793.4	1795.4	1793.4	1779.5	1773.6	1741.9	1581.4	1512.0	1490.2
17.5°	1785.5	1787.5	1797.4	1797.4	1797.4	1787.5	1785.5	1771.6	1718.1	1625.0	1502.1
20°	1775.6	1779.5	1799.4	1803.3	1799.4	1779.5	1775.6	1757.7	1728.0	1694.3	1601.2
22.5°	1771.6	1779.5	1795.4	1793.4	1795.4	1779.5	1771.6	1743.9	1718.1	1694.3	1656.7
25°	1751.8	1751.8	1753.8	1755.8	1753.8	1751.8	1751.8	1730.0	1678.5	1672.5	1650.7
27.5°	1710.2	1714.1	1726.0	1724.1	1726.0	1714.1	1710.2	1702.3	1646.8	1640.8	1625.0
30°	1672.5	1668.6	1658.7	1650.7	1658.7	1668.6	1672.5	1660.6	1605.2	1589.3	1593.3
32.5°	1609.1	1599.2	1589.3	1583.4	1589.3	1599.2	1609.1	1605.2	1563.5	1541.7	1545.7
35°	1533.8	1535.8	1533.8	1527.9	1533.8	1535.8	1533.8	1537.8	1512.0	1492.2	1490.2
37.5°	1480.3	1484.3	1482.3	1474.4	1482.3	1484.3	1480.3	1476.3	1440.7	1434.7	1438.7
40°	1424.8	1426.8	1424.8	1418.9	1424.8	1426.8	1424.8	1416.9	1367.4	1369.3	1383.2
42.5°	1371.3	1369.3	1363.4	1359.4	1363.4	1369.3	1371.3	1359.4	1296.0	1290.1	1315.8
45°	1309.9	1311.9	1300.0	1294.0	1300.0	1311.9	1309.9	1302.0	1236.6	1220.7	1238.5
47.5°	1248.5	1248.5	1238.5	1232.6	1238.5	1248.5	1248.5	1238.5	1169.2	1153.3	1163.2
50°	1183.1	1181.1	1167.2	1165.2	1167.2	1181.1	1183.1	1177.1	1103.8	1089.9	1089.9
52.5°	1107.8	1107.8	1109.7	1113.7	1109.7	1107.8	1107.8	1109.7	1044.3	1030.5	1026.5
55°	1042.4	1044.3	1058.2	1062.2	1058.2	1044.3	1042.4	1042.4	982.9	969.0	961.1
57.5°	975.0	975.0	984.9	984.9	984.9	975.0	975.0	971.0	913.6	901.7	897.7
60°	897.7	901.7	909.6	907.6	909.6	901.7	897.7	893.7	844.2	836.3	822.4
62.5°	816.4	820.4	822.4	818.4	822.4	820.4	816.4	804.6	774.8	768.9	751.1
65°	731.2	735.2	737.2	733.2	737.2	735.2	731.2	725.3	703.5	693.6	677.7
67.5°	644.0	642.1	640.1	648.0	640.1	642.1	644.0	636.1	622.2	614.3	592.5
70°	554.9	554.9	552.9	556.8	552.9	554.9	554.9	548.9	541.0	535.1	515.2
72.5°	459.7	457.8	465.7	459.7	465.7	457.8	459.7	457.8	453.8	447.9	428.0
75°	366.6	370.6	366.6	372.6	366.6	370.6	366.6	368.6	366.6	362.6	348.8
77.5°	279.4	283.4	279.4	279.4	279.4	283.4	279.4	281.4	281.4	281.4	269.5
80°	198.2	196.2	196.2	194.2	196.2	196.2	198.2	198.2	200.1	196.2	192.2
82.5°	126.8	124.8	124.8	128.8	124.8	124.8	126.8	128.8	124.8	124.8	124.8
85°	69.4	71.3	67.4	67.4	67.4	71.3	69.4	65.4	69.4	69.4	67.4
87.5°	25.8	23.8	23.8	23.8	23.8	23.8	25.8	27.7	27.7	27.7	29.7
90°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.8
92.5°	118.5	113.8	94.9	76.1	94.9	113.8	118.5	168.0	234.0	267.0	234.4
95°	402.4	388.1	331.0	273.9	331.0	388.1	402.4	528.4	696.5	780.5	659.2
97.5°	929.0	901.8	793.1	684.4	793.1	901.8	929.0	1008.7	1114.9	1168.0	965.7
100°	1304.6	1272.2	1142.7	1013.2	1142.7	1272.2	1304.6	1298.8	1291.0	1287.1	1062.6
102.5°	1625.3	1597.6	1486.6	1375.7	1486.6	1597.6	1625.3	1523.8	1388.5	1320.8	1093.2
105°	1999.6	1984.7	1925.1	1865.5	1925.1	1984.7	1999.6	1772.1	1468.8	1317.1	1096.7
107.5°	2194.3	2197.9	2212.4	2226.8	2212.4	2197.9	2194.3	1876.9	1453.8	1242.2	1047.8
110°	2244.2	2259.7	2321.9	2384.0	2321.9	2259.7	2244.2	1889.4	1416.3	1179.8	1004.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2212.4	2236.2	2331.6	2427.0	2331.6	2236.2	2212.4	1849.3	1365.1	1123.0	966.8
115°	2104.5	2137.6	2269.8	2402.1	2269.8	2137.6	2104.5	1754.7	1288.2	1055.0	923.4
117.5°	1955.3	1992.0	2138.7	2285.4	2138.7	1992.0	1955.3	1639.6	1218.7	1008.2	896.3
120°	1854.9	1890.5	2033.1	2175.6	2033.1	1890.5	1854.9	1566.4	1181.8	989.5	887.2
122.5°	1754.4	1789.6	1930.2	2070.8	1930.2	1789.6	1754.4	1494.7	1148.4	975.2	882.4
125°	1621.6	1654.0	1783.4	1912.9	1783.4	1654.0	1621.6	1400.9	1106.7	959.6	878.5
127.5°	1514.9	1542.2	1651.5	1760.7	1651.5	1542.2	1514.9	1325.4	1072.8	946.5	876.2
130°	1447.5	1472.7	1573.7	1674.6	1573.7	1472.7	1447.5	1278.8	1053.9	941.5	877.6
132.5°	1390.1	1412.7	1503.1	1593.5	1503.1	1412.7	1390.1	1239.1	1037.8	937.1	878.5
135°	1309.0	1328.5	1406.4	1484.3	1406.4	1328.5	1309.0	1182.5	1013.9	929.6	877.6
137.5°	1249.1	1265.0	1328.8	1392.6	1328.8	1265.0	1249.1	1142.2	999.7	928.4	883.1
140°	1201.0	1215.9	1275.6	1335.2	1275.6	1215.9	1201.0	1108.7	985.6	924.0	883.9
142.5°	1167.3	1180.1	1231.5	1282.8	1231.5	1180.1	1167.3	1086.2	978.1	924.0	887.1
145°	1116.8	1126.5	1165.4	1204.2	1165.4	1126.5	1116.8	1050.5	962.0	917.8	887.2
147.5°	1074.4	1082.4	1114.6	1146.8	1114.6	1082.4	1074.4	1022.2	952.6	917.8	893.2
150°	1050.0	1056.5	1082.6	1108.7	1082.6	1056.5	1050.0	1005.9	947.2	917.8	896.4
152.5°	1030.7	1035.6	1055.3	1075.0	1055.3	1035.6	1030.7	993.1	942.9	917.8	898.5
155°	1007.6	1010.9	1023.9	1036.9	1023.9	1010.9	1007.6	977.7	937.8	917.8	903.1
157.5°	987.7	990.0	999.1	1008.2	999.1	990.0	987.7	964.4	933.3	917.8	907.7
160°	977.7	979.0	984.3	989.5	984.3	979.0	977.7	957.7	931.1	917.8	909.8
162.5°	968.3	969.5	974.5	979.5	974.5	969.5	968.3	951.5	929.0	917.8	912.0
165°	954.0	955.3	960.6	965.8	960.6	955.3	954.0	941.9	925.8	917.8	915.2
167.5°	947.7	948.3	950.5	952.7	950.5	948.3	947.7	939.8	929.3	924.0	921.8
170°	947.7	947.7	947.7	947.7	947.7	947.7	947.7	939.8	929.3	924.0	923.9
172.5°	942.7	942.2	940.3	938.4	940.3	942.2	942.7	936.5	928.2	924.0	924.0
175°	935.9	935.9	935.9	935.9	935.9	935.9	935.9	931.9	926.6	924.0	925.2
177.5°	934.6	934.0	931.8	929.6	931.8	934.0	934.6	931.5	927.4	925.3	926.3
180°	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6	929.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2068.9	2078.8	2084.7	2092.6	2112.5
5°	1989.6	2027.3	2039.1	2068.9	2104.5
7.5°	1815.2	1930.1	1961.9	2033.2	2088.7
10°	1646.8	1761.7	1817.2	1985.6	2068.9
12.5°	1561.6	1628.9	1666.6	1902.4	2041.1
15°	1508.1	1555.6	1583.4	1791.4	2009.4
17.5°	1466.4	1500.1	1519.9	1682.4	1965.8
20°	1440.7	1456.5	1474.4	1603.2	1916.3
22.5°	1422.8	1412.9	1426.8	1547.7	1848.9
25°	1411.0	1373.3	1389.2	1504.1	1769.6
27.5°	1420.9	1337.6	1343.6	1464.5	1686.4
30°	1422.8	1294.0	1296.0	1422.8	1593.3
32.5°	1409.0	1248.5	1250.4	1371.3	1488.2
35°	1375.3	1194.9	1193.0	1311.9	1345.6
37.5°	1329.7	1137.5	1137.5	1246.5	1189.0
40°	1274.2	1080.0	1086.0	1161.3	1050.3
42.5°	1206.8	1018.6	1026.5	1048.3	947.2
45°	1133.5	959.1	965.1	885.8	868.0
47.5°	1052.3	897.7	899.7	735.2	842.2
50°	955.2	834.3	826.4	630.2	840.2
52.5°	870.0	764.9	741.1	570.7	762.9
55°	786.7	691.6	640.1	525.1	707.5
57.5°	713.4	596.5	546.9	471.6	695.6
60°	646.0	503.3	465.7	414.2	638.1
62.5°	590.5	434.0	426.1	374.5	578.6
65°	531.1	386.4	384.4	340.8	491.5
67.5°	473.6	354.7	352.7	309.1	374.5
70°	412.2	321.0	317.1	275.5	277.4
72.5°	348.8	283.4	279.4	247.7	229.9
75°	285.4	239.8	237.8	216.0	186.3
77.5°	223.9	190.2	194.2	174.4	136.7
80°	160.5	138.7	142.7	124.8	103.0
82.5°	107.0	91.2	95.1	79.3	69.4
85°	59.5	51.5	53.5	41.6	31.7
87.5°	27.7	23.8	23.8	15.9	9.9
90°	27.5	17.5	16.2	11.2	6.2
92.5°	169.3	120.4	109.8	67.4	25.0
95°	416.6	234.6	215.2	137.5	59.9
97.5°	561.1	257.7	240.6	172.1	103.6
100°	613.7	277.0	261.5	199.4	137.3
102.5°	637.9	296.4	281.9	224.0	166.0
105°	655.8	325.1	312.8	263.7	214.6
107.5°	659.1	367.5	356.1	310.3	264.5
110°	654.1	391.2	380.9	339.5	298.2



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CATALOG NUMBER: SQ4-FA-100U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	654.3	419.9	410.1	370.7	331.3
115°	660.3	462.9	453.8	417.5	381.2
117.5°	672.5	504.7	496.5	463.5	430.5
120°	682.6	529.1	521.3	490.3	459.2
122.5°	696.9	557.8	550.0	518.6	487.3
125°	716.3	594.6	587.5	558.9	530.3
127.5°	735.6	630.2	623.0	594.1	565.3
130°	749.8	653.9	646.1	615.1	584.0
132.5°	761.2	673.2	665.4	634.4	603.3
135°	773.7	695.7	688.6	660.3	632.0
137.5°	792.4	724.4	717.4	689.3	661.3
140°	803.8	743.7	737.3	711.5	685.7
142.5°	813.4	758.1	752.1	728.3	704.4
145°	825.9	779.9	774.7	753.9	733.1
147.5°	844.1	807.3	802.2	782.0	761.8
150°	853.7	821.7	817.1	798.8	780.5
152.5°	860.0	831.1	827.6	813.8	799.9
155°	873.7	851.6	849.0	838.8	828.6
157.5°	887.4	872.2	869.7	859.8	849.8
160°	893.7	881.6	879.7	871.9	864.1
162.5°	900.3	891.6	890.1	884.3	878.5
165°	909.9	905.9	904.6	899.3	894.1
167.5°	917.3	914.0	913.4	910.9	908.4
170°	923.6	923.4	922.8	920.3	917.8
172.5°	924.0	924.0	923.9	923.3	922.8
175°	927.7	929.6	929.6	929.6	929.6
177.5°	928.2	929.6	929.6	929.6	929.6
180°	929.6	929.6	929.6	929.6	929.6



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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	13.46	14.30	14.44	15.29	16.60	16.28	17.12	17.26	18.11	19.42
	3H	13.93	14.69	14.92	15.69	17.02	17.63	18.38	18.62	19.38	20.71
	4H	14.12	14.84	15.13	15.84	17.18	18.07	18.78	19.07	19.78	21.12
	6H	14.24	14.90	15.26	15.91	17.26	18.35	19.00	19.36	20.01	21.36
	8H	14.24	14.87	15.26	15.89	17.24	18.42	19.05	19.44	20.07	21.42
	12H	14.21	14.81	15.24	15.83	17.20	18.46	19.05	19.48	20.07	21.44
4H	2H	14.49	15.20	15.50	16.20	17.54	16.69	17.40	17.70	18.41	19.74
	3H	15.51	16.11	16.53	17.14	18.49	18.19	18.78	19.21	19.82	21.17
	4H	15.79	16.33	16.81	17.36	18.73	18.72	19.26	19.74	20.29	21.66
	6H	15.91	16.38	16.95	17.43	18.80	19.08	19.55	20.12	20.60	21.97
	8H	15.92	16.35	16.95	17.39	18.78	19.19	19.62	20.22	20.66	22.05
	12H	15.88	16.28	16.94	17.33	18.72	19.24	19.63	20.30	20.69	22.08
8H	4H	16.24	16.67	17.28	17.72	19.10	18.84	19.28	19.88	20.32	21.70
	6H	16.50	16.86	17.56	17.94	19.33	19.27	19.63	20.34	20.72	22.10
	8H	16.54	16.86	17.61	17.93	19.33	19.43	19.74	20.49	20.81	22.21
	12H	16.52	16.80	17.60	17.87	19.31	19.52	19.80	20.59	20.86	22.31
12H	4H	16.24	16.64	17.30	17.69	19.08	18.80	19.20	19.86	20.25	21.64
	6H	16.56	16.88	17.63	17.94	19.35	19.27	19.59	20.34	20.66	22.06
	8H	16.63	16.90	17.70	17.97	19.41	19.43	19.71	20.50	20.77	22.22