

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: P934815

Luminaire Tested: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934815
REPORT IS A COMBINATION OF REPORTS P933715 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

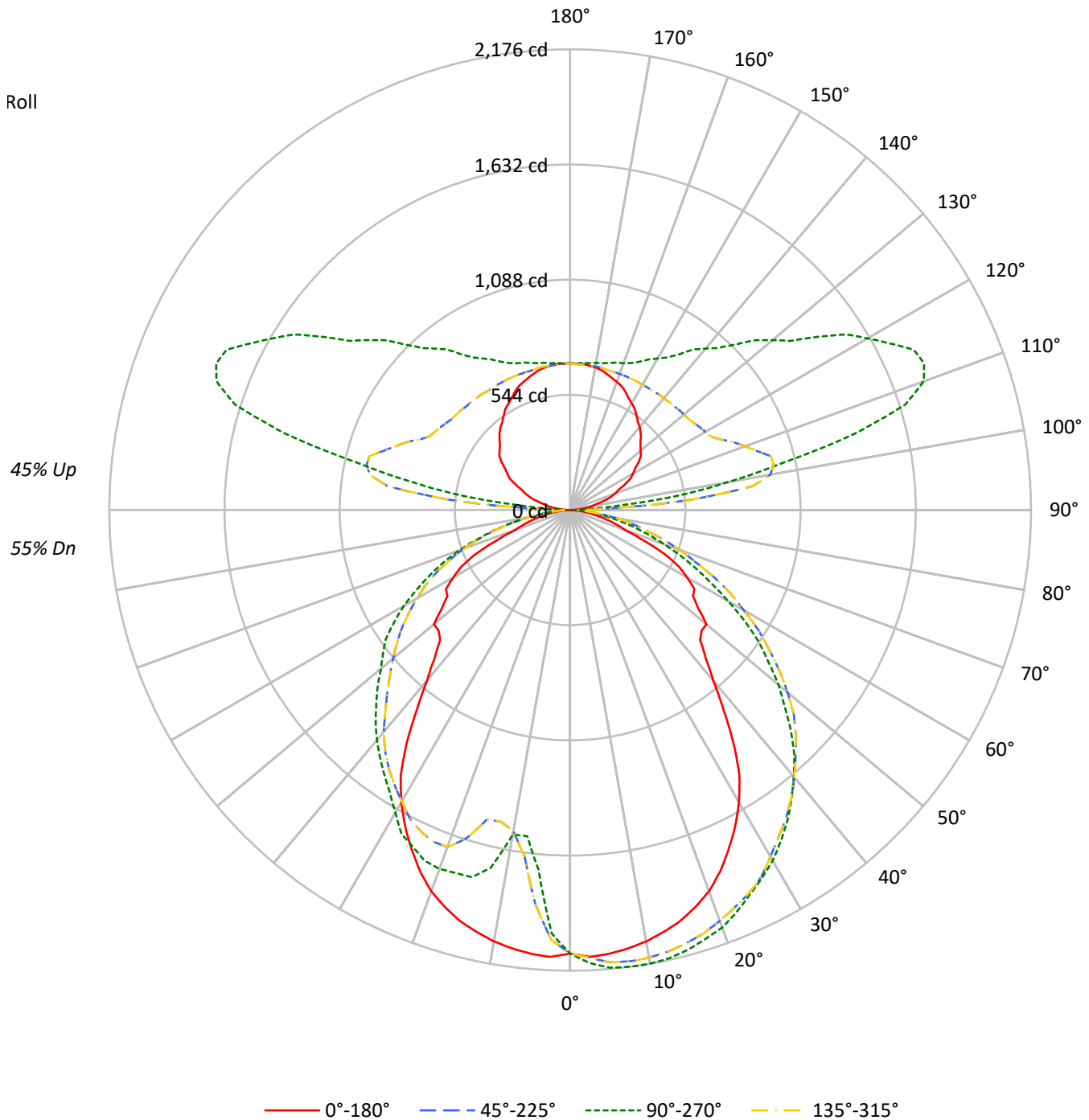
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9925.0 lumens
Efficiency: N/A
Efficacy: 129.2 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): 76.8
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





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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	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	22	18	16	14

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	1.9
10°-20°	536.8	5.4
20°-30°	829.9	8.4
30°-40°	990.7	10.0
40°-50°	996.5	10.0
50°-60°	867.1	8.7
60°-70°	614.8	6.2
70°-80°	325.2	3.3
80°-90°	83.6	0.8
90°-100°	337.7	3.4
100°-110°	887.9	8.9
110°-120°	920.6	9.3
120°-130°	738.5	7.4
130°-140°	579.4	5.8
140°-150°	444.7	4.5
150°-160°	320.3	3.2
160°-170°	196.0	2.0
170°-180°	66.2	0.7
0°-30°	1555.8	15.7
0°-40°	2546.5	25.7
0°-60°	4410.0	44.4
0°-90°	5433.6	54.7
90°-120°	2146.2	21.6
90°-150°	3908.9	39.4
90°-180°	4491.0	45.2
0°-180°	9925.0	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°	5	18	5	18	5	5
95°	45	204	45	204	45	50
105°	160	1390	160	1390	160	170
115°	284	1790	284	1790	284	281
125°	395	1426	395	1426	395	351
135°	471	1106	471	1106	471	364
145°	546	897	546	897	546	342
155°	618	773	618	773	618	284
165°	666	720	666	720	666	188
175°	693	698	693	698	693	66
180°	693	693	693	693	693	



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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°	4.6	8.3	12.1	13.0	20.4	30.3	35.3	31.4	23.6	17.7	17.7
92.5°	18.6	50.2	81.8	89.7	126.1	174.7	199.0	174.4	125.2	88.3	84.8
95°	44.6	102.5	160.3	174.8	310.4	491.3	581.7	519.1	393.8	299.9	289.3
97.5°	77.2	128.2	179.2	192.0	418.2	719.7	870.5	830.9	751.8	692.4	672.1
100°	102.3	148.6	194.9	206.5	457.4	792.0	959.3	962.2	968.0	972.3	948.2
102.5°	123.7	166.9	210.1	220.9	475.4	814.7	984.4	1034.8	1135.7	1211.3	1190.6
105°	160.0	196.6	233.2	242.3	488.7	817.3	981.6	1094.6	1320.7	1490.3	1479.2
107.5°	197.2	231.3	265.4	273.9	491.2	780.9	925.8	1083.5	1398.9	1635.4	1638.1
110°	222.3	253.1	283.8	291.5	487.4	748.7	879.3	1055.6	1408.2	1672.6	1684.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	246.9	276.2	305.6	312.9	487.6	720.5	837.0	1017.4	1378.2	1648.8	1666.6
115°	284.1	311.2	338.2	345.0	492.1	688.2	786.3	960.1	1307.7	1568.4	1593.0
117.5°	320.8	345.4	370.0	376.2	501.3	668.0	751.4	908.3	1222.0	1457.3	1484.6
120°	342.2	365.4	388.5	394.3	508.7	661.2	737.5	880.8	1167.4	1382.4	1409.0
122.5°	363.2	386.5	409.9	415.7	519.4	657.7	726.8	855.8	1113.9	1307.5	1333.7
125°	395.2	416.5	437.8	443.1	533.8	654.7	715.2	824.8	1044.1	1208.5	1232.6
127.5°	421.3	442.8	464.2	469.6	548.2	653.0	705.4	799.5	987.8	1129.0	1149.4
130°	435.2	458.4	481.5	487.3	558.8	654.1	701.7	785.5	953.1	1078.8	1097.6
132.5°	449.6	472.8	495.9	501.7	567.3	654.7	698.4	773.4	923.5	1036.0	1052.8
135°	471.0	492.1	513.2	518.5	576.6	654.1	692.8	755.6	881.3	975.5	990.0
137.5°	492.9	513.7	534.6	539.8	590.5	658.1	691.9	745.0	851.2	930.9	942.8
140°	511.0	530.2	549.5	554.3	599.1	658.8	688.6	734.5	826.3	895.1	906.2
142.5°	525.0	542.8	560.6	565.0	606.2	661.1	688.6	728.9	809.5	870.0	879.6
145°	546.4	561.9	577.3	581.2	615.5	661.2	684.0	717.0	782.9	832.3	839.5
147.5°	567.7	582.8	597.9	601.7	629.1	665.7	684.0	709.9	761.8	800.7	806.7
150°	581.7	595.3	609.0	612.4	636.3	668.1	684.0	705.9	749.7	782.6	787.5
152.5°	596.1	606.5	616.8	619.4	640.9	669.6	684.0	702.7	740.1	768.2	771.9
155°	617.5	625.1	632.8	634.7	651.1	673.0	684.0	698.9	728.7	751.0	753.4
157.5°	633.3	640.8	648.2	650.1	661.4	676.5	684.0	695.6	718.7	736.1	737.8
160°	644.0	649.8	655.6	657.0	666.0	678.0	684.0	693.9	713.7	728.6	729.6
162.5°	654.7	659.1	663.4	664.5	671.0	679.7	684.0	692.4	709.1	721.7	722.6
165°	666.3	670.3	674.2	675.2	678.1	682.0	684.0	690.0	702.0	711.0	712.0
167.5°	677.0	678.9	680.7	681.2	683.7	687.0	688.6	692.5	700.4	706.3	706.7
170°	684.0	685.9	687.7	688.2	688.3	688.5	688.6	692.5	700.4	706.3	706.3
172.5°	687.7	688.1	688.5	688.6	688.6	688.6	688.6	691.7	697.9	702.6	702.2
175°	692.8	692.8	692.8	692.8	691.4	689.5	688.6	690.6	694.5	697.5	697.5
177.5°	692.8	692.8	692.8	692.8	691.7	690.3	689.6	691.2	694.3	696.6	696.2
180°	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8



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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°	17.7	17.7	17.7	17.7	17.7	23.6	31.4	35.3	30.3	20.4	13.0
92.5°	70.7	56.7	70.7	84.8	88.3	125.2	174.4	199.0	174.7	126.1	89.7
95°	246.7	204.1	246.7	289.3	299.9	393.8	519.1	581.7	491.3	310.4	174.8
97.5°	591.1	510.1	591.1	672.1	692.4	751.8	830.9	870.5	719.7	418.2	192.0
100°	851.6	755.1	851.6	948.2	972.3	968.0	962.2	959.3	792.0	457.4	206.5
102.5°	1108.0	1025.3	1108.0	1190.6	1211.3	1135.7	1034.8	984.4	814.7	475.4	220.9
105°	1434.7	1390.3	1434.7	1479.2	1490.3	1320.7	1094.6	981.6	817.3	488.7	242.3
107.5°	1648.8	1659.5	1648.8	1638.1	1635.4	1398.9	1083.5	925.8	780.9	491.2	273.9
110°	1730.4	1776.7	1730.4	1684.2	1672.6	1408.2	1055.6	879.3	748.7	487.4	291.5



TEST NUMBER: P934815

CATALOG NUMBER: SQ4-FA-075U-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°	1737.7	1808.8	1737.7	1666.6	1648.8	1378.2	1017.4	837.0	720.5	487.6	312.9
115°	1691.6	1790.2	1691.6	1593.0	1568.4	1307.7	960.1	786.3	688.2	492.1	345.0
117.5°	1593.9	1703.2	1593.9	1484.6	1457.3	1222.0	908.3	751.4	668.0	501.3	376.2
120°	1515.2	1621.4	1515.2	1409.0	1382.4	1167.4	880.8	737.5	661.2	508.7	394.3
122.5°	1438.5	1543.3	1438.5	1333.7	1307.5	1113.9	855.8	726.8	657.7	519.4	415.7
125°	1329.2	1425.7	1329.2	1232.6	1208.5	1044.1	824.8	715.2	654.7	533.8	443.1
127.5°	1230.8	1312.2	1230.8	1149.4	1129.0	987.8	799.5	705.4	653.0	548.2	469.6
130°	1172.8	1248.0	1172.8	1097.6	1078.8	953.1	785.5	701.7	654.1	558.8	487.3
132.5°	1120.2	1187.6	1120.2	1052.8	1036.0	923.5	773.4	698.4	654.7	567.3	501.7
135°	1048.1	1106.2	1048.1	990.0	975.5	881.3	755.6	692.8	654.1	576.6	518.5
137.5°	990.3	1037.9	990.3	942.8	930.9	851.2	745.0	691.9	658.1	590.5	539.8
140°	950.7	995.1	950.7	906.2	895.1	826.3	734.5	688.6	658.8	599.1	554.3
142.5°	917.8	956.0	917.8	879.6	870.0	809.5	728.9	688.6	661.1	606.2	565.0
145°	868.5	897.4	868.5	839.5	832.3	782.9	717.0	684.0	661.2	615.5	581.2
147.5°	830.6	854.6	830.6	806.7	800.7	761.8	709.9	684.0	665.7	629.1	601.7
150°	806.9	826.3	806.9	787.5	782.6	749.7	705.9	684.0	668.1	636.3	612.4
152.5°	786.5	801.2	786.5	771.9	768.2	740.1	702.7	684.0	669.6	640.9	619.4
155°	763.1	772.8	763.1	753.4	751.0	728.7	698.9	684.0	673.0	651.1	634.7
157.5°	744.6	751.4	744.6	737.8	736.1	718.7	695.6	684.0	676.5	661.4	650.1
160°	733.5	737.5	733.5	729.6	728.6	713.7	693.9	684.0	678.0	666.0	657.0
162.5°	726.3	730.0	726.3	722.6	721.7	709.1	692.4	684.0	679.7	671.0	664.5
165°	715.9	719.8	715.9	712.0	711.0	702.0	690.0	684.0	682.0	678.1	675.2
167.5°	708.4	710.0	708.4	706.7	706.3	700.4	692.5	688.6	687.0	683.7	681.2
170°	706.3	706.3	706.3	706.3	706.3	700.4	692.5	688.6	688.5	688.3	688.2
172.5°	700.8	699.3	700.8	702.2	702.6	697.9	691.7	688.6	688.6	688.6	688.6
175°	697.5	697.5	697.5	697.5	697.5	694.5	690.6	688.6	689.5	691.4	692.8
177.5°	694.5	692.8	694.5	696.2	696.6	694.3	691.2	689.6	690.3	691.7	692.8
180°	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8



TEST NUMBER: P934815
 CATALOG NUMBER: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6

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°	12.1	8.3	4.6	8.3	12.1	13.0	20.4	30.3	35.3	31.4	23.6
92.5°	81.8	50.2	18.6	50.2	81.8	89.7	126.1	174.7	199.0	174.4	125.2
95°	160.3	102.5	44.6	102.5	160.3	174.8	310.4	491.3	581.7	519.1	393.8
97.5°	179.2	128.2	77.2	128.2	179.2	192.0	418.2	719.7	870.5	830.9	751.8
100°	194.9	148.6	102.3	148.6	194.9	206.5	457.4	792.0	959.3	962.2	968.0
102.5°	210.1	166.9	123.7	166.9	210.1	220.9	475.4	814.7	984.4	1034.8	1135.7
105°	233.2	196.6	160.0	196.6	233.2	242.3	488.7	817.3	981.6	1094.6	1320.7
107.5°	265.4	231.3	197.2	231.3	265.4	273.9	491.2	780.9	925.8	1083.5	1398.9
110°	283.8	253.1	222.3	253.1	283.8	291.5	487.4	748.7	879.3	1055.6	1408.2



TEST NUMBER: P934815

CATALOG NUMBER: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	305.6	276.2	246.9	276.2	305.6	312.9	487.6	720.5	837.0	1017.4	1378.2
115°	338.2	311.2	284.1	311.2	338.2	345.0	492.1	688.2	786.3	960.1	1307.7
117.5°	370.0	345.4	320.8	345.4	370.0	376.2	501.3	668.0	751.4	908.3	1222.0
120°	388.5	365.4	342.2	365.4	388.5	394.3	508.7	661.2	737.5	880.8	1167.4
122.5°	409.9	386.5	363.2	386.5	409.9	415.7	519.4	657.7	726.8	855.8	1113.9
125°	437.8	416.5	395.2	416.5	437.8	443.1	533.8	654.7	715.2	824.8	1044.1
127.5°	464.2	442.8	421.3	442.8	464.2	469.6	548.2	653.0	705.4	799.5	987.8
130°	481.5	458.4	435.2	458.4	481.5	487.3	558.8	654.1	701.7	785.5	953.1
132.5°	495.9	472.8	449.6	472.8	495.9	501.7	567.3	654.7	698.4	773.4	923.5
135°	513.2	492.1	471.0	492.1	513.2	518.5	576.6	654.1	692.8	755.6	881.3
137.5°	534.6	513.7	492.9	513.7	534.6	539.8	590.5	658.1	691.9	745.0	851.2
140°	549.5	530.2	511.0	530.2	549.5	554.3	599.1	658.8	688.6	734.5	826.3
142.5°	560.6	542.8	525.0	542.8	560.6	565.0	606.2	661.1	688.6	728.9	809.5
145°	577.3	561.9	546.4	561.9	577.3	581.2	615.5	661.2	684.0	717.0	782.9
147.5°	597.9	582.8	567.7	582.8	597.9	601.7	629.1	665.7	684.0	709.9	761.8
150°	609.0	595.3	581.7	595.3	609.0	612.4	636.3	668.1	684.0	705.9	749.7
152.5°	616.8	606.5	596.1	606.5	616.8	619.4	640.9	669.6	684.0	702.7	740.1
155°	632.8	625.1	617.5	625.1	632.8	634.7	651.1	673.0	684.0	698.9	728.7
157.5°	648.2	640.8	633.3	640.8	648.2	650.1	661.4	676.5	684.0	695.6	718.7
160°	655.6	649.8	644.0	649.8	655.6	657.0	666.0	678.0	684.0	693.9	713.7
162.5°	663.4	659.1	654.7	659.1	663.4	664.5	671.0	679.7	684.0	692.4	709.1
165°	674.2	670.3	666.3	670.3	674.2	675.2	678.1	682.0	684.0	690.0	702.0
167.5°	680.7	678.9	677.0	678.9	680.7	681.2	683.7	687.0	688.6	692.5	700.4
170°	687.7	685.9	684.0	685.9	687.7	688.2	688.3	688.5	688.6	692.5	700.4
172.5°	688.5	688.1	687.7	688.1	688.5	688.6	688.6	688.6	688.6	691.7	697.9
175°	692.8	692.8	692.8	692.8	692.8	692.8	691.4	689.5	688.6	690.6	694.5
177.5°	692.8	692.8	692.8	692.8	692.8	692.8	691.7	690.3	689.6	691.2	694.3
180°	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8



TEST NUMBER: P934815
 CATALOG NUMBER: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6

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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	23.6	31.4	35.3	30.3
92.5°	88.3	84.8	70.7	56.7	70.7	84.8	88.3	125.2	174.4	199.0	174.7
95°	299.9	289.3	246.7	204.1	246.7	289.3	299.9	393.8	519.1	581.7	491.3
97.5°	692.4	672.1	591.1	510.1	591.1	672.1	692.4	751.8	830.9	870.5	719.7
100°	972.3	948.2	851.6	755.1	851.6	948.2	972.3	968.0	962.2	959.3	792.0
102.5°	1211.3	1190.6	1108.0	1025.3	1108.0	1190.6	1211.3	1135.7	1034.8	984.4	814.7
105°	1490.3	1479.2	1434.7	1390.3	1434.7	1479.2	1490.3	1320.7	1094.6	981.6	817.3
107.5°	1635.4	1638.1	1648.8	1659.5	1648.8	1638.1	1635.4	1398.9	1083.5	925.8	780.9
110°	1672.6	1684.2	1730.4	1776.7	1730.4	1684.2	1672.6	1408.2	1055.6	879.3	748.7



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1648.8	1666.6	1737.7	1808.8	1737.7	1666.6	1648.8	1378.2	1017.4	837.0	720.5
115°	1568.4	1593.0	1691.6	1790.2	1691.6	1593.0	1568.4	1307.7	960.1	786.3	688.2
117.5°	1457.3	1484.6	1593.9	1703.2	1593.9	1484.6	1457.3	1222.0	908.3	751.4	668.0
120°	1382.4	1409.0	1515.2	1621.4	1515.2	1409.0	1382.4	1167.4	880.8	737.5	661.2
122.5°	1307.5	1333.7	1438.5	1543.3	1438.5	1333.7	1307.5	1113.9	855.8	726.8	657.7
125°	1208.5	1232.6	1329.2	1425.7	1329.2	1232.6	1208.5	1044.1	824.8	715.2	654.7
127.5°	1129.0	1149.4	1230.8	1312.2	1230.8	1149.4	1129.0	987.8	799.5	705.4	653.0
130°	1078.8	1097.6	1172.8	1248.0	1172.8	1097.6	1078.8	953.1	785.5	701.7	654.1
132.5°	1036.0	1052.8	1120.2	1187.6	1120.2	1052.8	1036.0	923.5	773.4	698.4	654.7
135°	975.5	990.0	1048.1	1106.2	1048.1	990.0	975.5	881.3	755.6	692.8	654.1
137.5°	930.9	942.8	990.3	1037.9	990.3	942.8	930.9	851.2	745.0	691.9	658.1
140°	895.1	906.2	950.7	995.1	950.7	906.2	895.1	826.3	734.5	688.6	658.8
142.5°	870.0	879.6	917.8	956.0	917.8	879.6	870.0	809.5	728.9	688.6	661.1
145°	832.3	839.5	868.5	897.4	868.5	839.5	832.3	782.9	717.0	684.0	661.2
147.5°	800.7	806.7	830.6	854.6	830.6	806.7	800.7	761.8	709.9	684.0	665.7
150°	782.6	787.5	806.9	826.3	806.9	787.5	782.6	749.7	705.9	684.0	668.1
152.5°	768.2	771.9	786.5	801.2	786.5	771.9	768.2	740.1	702.7	684.0	669.6
155°	751.0	753.4	763.1	772.8	763.1	753.4	751.0	728.7	698.9	684.0	673.0
157.5°	736.1	737.8	744.6	751.4	744.6	737.8	736.1	718.7	695.6	684.0	676.5
160°	728.6	729.6	733.5	737.5	733.5	729.6	728.6	713.7	693.9	684.0	678.0
162.5°	721.7	722.6	726.3	730.0	726.3	722.6	721.7	709.1	692.4	684.0	679.7
165°	711.0	712.0	715.9	719.8	715.9	712.0	711.0	702.0	690.0	684.0	682.0
167.5°	706.3	706.7	708.4	710.0	708.4	706.7	706.3	700.4	692.5	688.6	687.0
170°	706.3	706.3	706.3	706.3	706.3	706.3	706.3	700.4	692.5	688.6	688.5
172.5°	702.6	702.2	700.8	699.3	700.8	702.2	702.6	697.9	691.7	688.6	688.6
175°	697.5	697.5	697.5	697.5	697.5	697.5	697.5	694.5	690.6	688.6	689.5
177.5°	696.6	696.2	694.5	692.8	694.5	696.2	696.6	694.3	691.2	689.6	690.3
180°	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8	692.8



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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°	20.4	13.0	12.1	8.3	4.6
92.5°	126.1	89.7	81.8	50.2	18.6
95°	310.4	174.8	160.3	102.5	44.6
97.5°	418.2	192.0	179.2	128.2	77.2
100°	457.4	206.5	194.9	148.6	102.3
102.5°	475.4	220.9	210.1	166.9	123.7
105°	488.7	242.3	233.2	196.6	160.0
107.5°	491.2	273.9	265.4	231.3	197.2
110°	487.4	291.5	283.8	253.1	222.3



TEST NUMBER: P934815

CATALOG NUMBER: SQ4-FA-075U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	487.6	312.9	305.6	276.2	246.9
115°	492.1	345.0	338.2	311.2	284.1
117.5°	501.3	376.2	370.0	345.4	320.8
120°	508.7	394.3	388.5	365.4	342.2
122.5°	519.4	415.7	409.9	386.5	363.2
125°	533.8	443.1	437.8	416.5	395.2
127.5°	548.2	469.6	464.2	442.8	421.3
130°	558.8	487.3	481.5	458.4	435.2
132.5°	567.3	501.7	495.9	472.8	449.6
135°	576.6	518.5	513.2	492.1	471.0
137.5°	590.5	539.8	534.6	513.7	492.9
140°	599.1	554.3	549.5	530.2	511.0
142.5°	606.2	565.0	560.6	542.8	525.0
145°	615.5	581.2	577.3	561.9	546.4
147.5°	629.1	601.7	597.9	582.8	567.7
150°	636.3	612.4	609.0	595.3	581.7
152.5°	640.9	619.4	616.8	606.5	596.1
155°	651.1	634.7	632.8	625.1	617.5
157.5°	661.4	650.1	648.2	640.8	633.3
160°	666.0	657.0	655.6	649.8	644.0
162.5°	671.0	664.5	663.4	659.1	654.7
165°	678.1	675.2	674.2	670.3	666.3
167.5°	683.7	681.2	680.7	678.9	677.0
170°	688.3	688.2	687.7	685.9	684.0
172.5°	688.6	688.6	688.5	688.1	687.7
175°	691.4	692.8	692.8	692.8	692.8
177.5°	691.7	692.8	692.8	692.8	692.8
180°	692.8	692.8	692.8	692.8	692.8



TEST NUMBER: P934815
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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	14.13	15.04	15.05	15.97	17.17	16.95	17.86	17.87	18.79	20.00
	3H	14.61	15.42	15.54	16.37	17.59	18.30	19.11	19.23	20.06	21.28
	4H	14.80	15.57	15.75	16.52	17.76	18.75	19.51	19.69	20.46	21.70
	6H	14.93	15.63	15.88	16.59	17.83	19.03	19.74	19.99	20.69	21.94
	8H	14.93	15.60	15.89	16.57	17.82	19.11	19.78	20.07	20.75	22.00
	12H	14.90	15.54	15.87	16.51	17.78	19.15	19.79	20.11	20.75	22.02
4H	2H	15.17	15.93	16.11	16.88	18.12	17.37	18.14	18.32	19.09	20.32
	3H	16.20	16.84	17.16	17.82	19.07	18.88	19.52	19.84	20.50	21.75
	4H	16.48	17.06	17.44	18.03	19.31	19.41	19.99	20.37	20.96	22.24
	6H	16.60	17.11	17.58	18.10	19.38	19.77	20.28	20.75	21.27	22.55
	8H	16.61	17.08	17.59	18.07	19.36	19.88	20.35	20.86	21.34	22.63
	12H	16.58	17.00	17.58	18.01	19.30	19.94	20.36	20.94	21.37	22.66
8H	4H	16.93	17.40	17.91	18.39	19.68	19.54	20.01	20.52	20.99	22.28
	6H	17.20	17.58	18.20	18.62	19.90	19.97	20.36	20.98	21.39	22.68
	8H	17.24	17.58	18.25	18.60	19.90	20.12	20.47	21.14	21.49	22.79
	12H	17.23	17.53	18.24	18.54	19.89	20.22	20.52	21.24	21.54	22.89
12H	4H	16.94	17.37	17.94	18.37	19.66	19.50	19.93	20.50	20.93	22.22
	6H	17.26	17.60	18.27	18.62	19.92	19.97	20.31	20.99	21.33	22.64
	8H	17.33	17.63	18.34	18.64	19.99	20.13	20.43	21.15	21.45	22.80