

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: P934875

Luminaire Tested: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934875
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-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

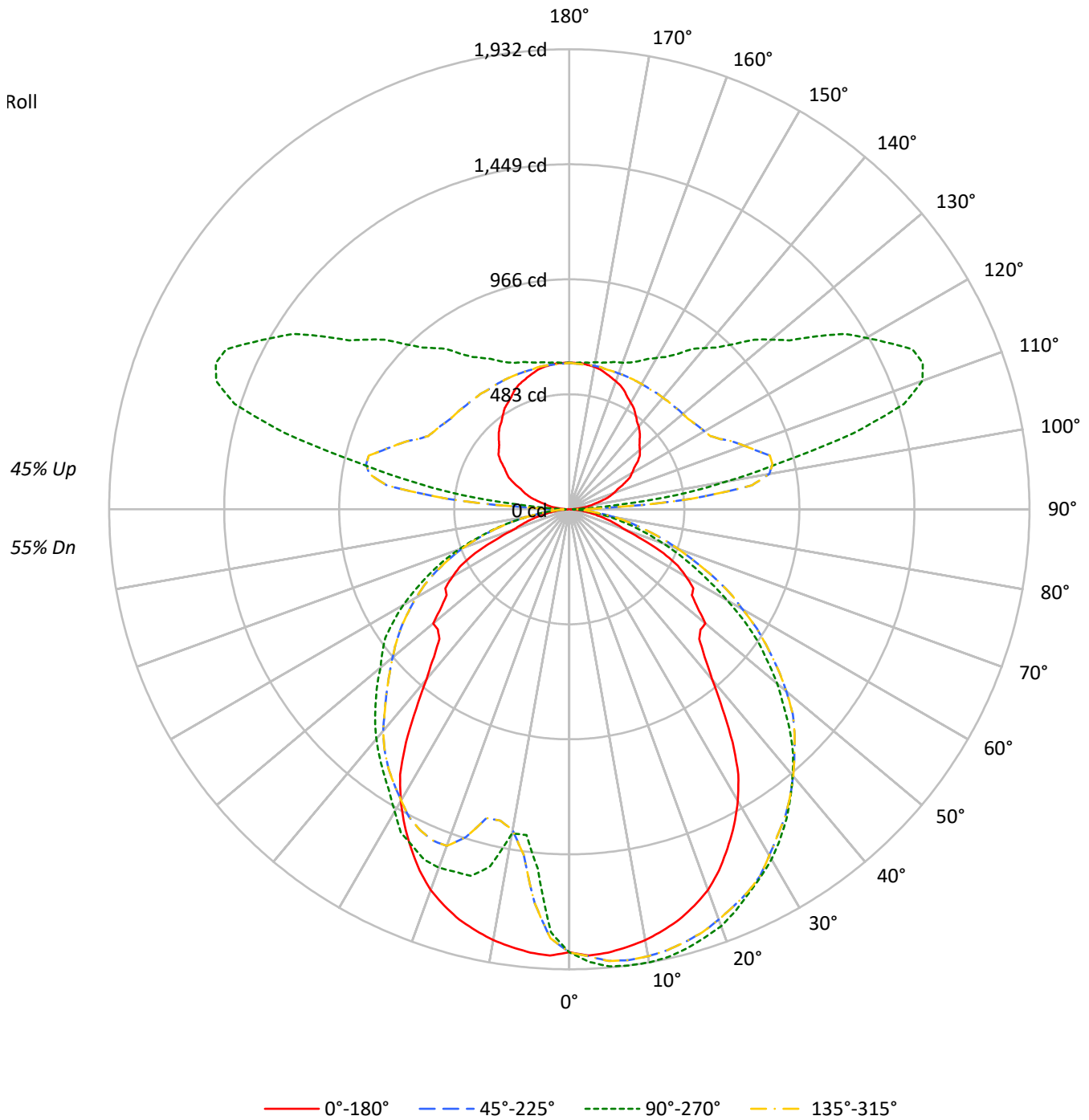
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8813.4 lumens
Efficiency: N/A
Efficacy: 114.8 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

TEST NUMBER: P934875
CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

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	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11506	11506	11506	11506
5°	11588	11615	11588	9133
10°	11507	11442	11507	8180
15°	11377	11194	11377	9347
20°	11135	10900	11135	9366
25°	10643	10472	10643	9168
30°	10011	10116	10011	8732
35°	8920	9666	8920	8254
40°	7428	9137	7428	7892
45°	6633	8517	6633	7475
50°	7041	7778	7041	7058
55°	6619	6981	6619	6816
60°	6813	5930	6813	6242
65°	6169	4901	6169	5479
70°	4260	3906	4260	4592
75°	3722	2888	3722	3458
80°	2978	1909	2978	2078
85°	1675	1011	1675	860

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10172 cd/sqm



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.9	1.9
10°-20°	476.7	5.4
20°-30°	736.9	8.4
30°-40°	879.7	10.0
40°-50°	884.9	10.0
50°-60°	769.9	8.7
60°-70°	545.9	6.2
70°-80°	288.8	3.3
80°-90°	74.3	0.8
90°-100°	299.9	3.4
100°-110°	788.5	8.9
110°-120°	817.5	9.3
120°-130°	655.8	7.4
130°-140°	514.5	5.8
140°-150°	394.9	4.5
150°-160°	284.4	3.2
160°-170°	174.0	2.0
170°-180°	58.8	0.7
0°-30°	1381.5	15.7
0°-40°	2261.3	25.7
0°-60°	3916.1	44.4
0°-90°	4825.1	54.7
90°-120°	1905.9	21.6
90°-150°	3471.1	39.4
90°-180°	3988.0	45.2
0°-180°	8813.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1860	1860	1860	1860	1860	
5°	1869	1927	1869	1515	1869	177
15°	1784	1909	1784	1594	1784	502
25°	1571	1781	1571	1559	1571	722
35°	1195	1589	1195	1357	1195	739
45°	771	1309	771	1149	771	617
55°	628	966	628	943	628	577
65°	436	582	436	651	436	417
75°	165	276	165	331	165	174
85°	28	70	28	60	28	38
90°	4	16	4	16	4	5
95°	40	181	40	181	40	44
105°	142	1235	142	1235	142	151
115°	252	1590	252	1590	252	249
125°	351	1266	351	1266	351	312
135°	418	982	418	982	418	324
145°	485	797	485	797	485	304
155°	548	686	548	686	548	252
165°	592	639	592	639	592	167
175°	615	619	615	619	615	58
180°	615	615	615	615	615	



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0
2.5°	1875.9	1875.9	1886.5	1889.9	1889.9	1884.7	1879.4	1884.7	1900.5	1905.8	1904.0
5°	1868.8	1882.9	1902.3	1905.8	1909.3	1907.5	1904.0	1907.5	1925.1	1928.6	1930.4
7.5°	1854.8	1881.1	1905.8	1911.1	1916.3	1911.1	1909.3	1912.8	1930.4	1934.0	1934.0
10°	1837.2	1874.1	1902.3	1905.8	1911.1	1905.8	1905.8	1912.8	1930.4	1934.0	1935.7
12.5°	1812.5	1863.6	1889.9	1893.5	1900.5	1898.7	1896.9	1904.0	1921.6	1925.1	1925.1
15°	1784.3	1844.2	1868.8	1872.3	1884.7	1881.1	1881.1	1888.2	1907.5	1912.8	1911.1
17.5°	1745.6	1819.5	1847.8	1853.0	1861.8	1860.0	1861.8	1868.8	1886.5	1889.9	1891.7
20°	1701.7	1786.1	1819.5	1824.8	1833.6	1833.6	1833.6	1842.4	1860.0	1867.1	1867.1
22.5°	1641.8	1751.0	1786.1	1789.7	1800.2	1800.2	1803.7	1816.0	1831.9	1833.6	1833.6
25°	1571.4	1712.2	1742.2	1752.6	1763.2	1768.5	1773.8	1780.9	1786.1	1784.3	1786.1
27.5°	1497.5	1663.0	1701.7	1708.7	1722.8	1728.0	1735.1	1736.8	1738.6	1743.9	1740.4
30°	1414.9	1594.3	1652.4	1659.4	1682.3	1685.8	1678.8	1682.3	1691.1	1694.7	1698.1
32.5°	1321.5	1492.3	1601.3	1617.2	1638.3	1627.7	1626.0	1631.3	1645.4	1645.4	1648.8
35°	1194.9	1413.1	1553.8	1567.9	1583.7	1571.4	1578.5	1580.2	1589.0	1594.3	1592.5
37.5°	1055.8	1344.4	1504.5	1515.1	1527.4	1511.6	1522.1	1527.4	1534.5	1531.0	1531.0
40°	932.7	1237.1	1446.5	1453.6	1464.1	1451.8	1462.4	1465.8	1469.4	1465.8	1464.1
42.5°	841.1	1119.1	1384.9	1393.7	1386.7	1395.5	1399.0	1406.1	1400.7	1393.7	1393.7
45°	770.8	1087.5	1318.1	1328.6	1318.1	1332.1	1337.4	1337.4	1321.5	1318.1	1316.3
47.5°	747.9	1024.1	1251.2	1251.2	1245.9	1263.4	1272.2	1260.0	1244.1	1238.8	1238.8
50°	746.1	953.8	1159.6	1152.6	1177.2	1198.4	1189.6	1177.2	1165.0	1145.6	1145.6
52.5°	677.5	867.6	1041.7	1068.2	1106.9	1119.1	1105.1	1092.8	1071.6	1062.8	1055.8
55°	628.3	777.8	934.4	987.2	1027.7	1043.5	1017.1	1004.8	973.2	967.8	964.4
57.5°	617.7	647.6	835.9	902.7	952.0	950.2	934.4	911.5	885.2	879.8	878.1
60°	566.6	468.1	730.3	809.5	860.5	855.2	841.1	820.1	795.4	791.9	788.4
62.5°	513.8	339.7	610.6	700.4	772.6	770.8	758.4	726.7	709.2	700.4	693.4
65°	436.5	285.0	434.7	582.4	686.3	689.8	663.4	640.5	621.2	610.6	608.9
67.5°	332.6	232.3	293.8	485.6	603.6	600.1	566.6	556.1	531.5	526.1	515.6
70°	246.3	154.9	204.2	394.2	522.7	513.8	487.4	475.2	452.3	439.9	432.9
72.5°	204.2	124.9	149.5	306.2	439.9	429.3	406.5	392.4	373.0	362.5	355.5
75°	165.4	132.0	114.4	227.0	357.2	350.2	329.1	315.0	299.2	285.0	286.8
77.5°	121.4	123.2	91.5	167.2	283.3	272.8	260.5	242.9	235.8	221.7	221.7
80°	91.5	96.8	68.6	114.4	204.2	204.2	193.6	181.2	168.9	161.9	161.9
82.5°	61.6	61.6	51.1	72.1	139.1	133.7	126.7	123.2	116.2	112.6	112.6
85°	28.1	35.2	31.7	44.0	75.7	79.2	79.2	75.7	73.9	70.4	72.1
87.5°	8.8	15.8	19.4	24.6	38.7	40.5	42.3	42.3	42.3	44.0	44.0
90°	4.1	7.4	10.7	11.5	18.1	26.9	31.3	27.9	21.0	15.7	15.7
92.5°	16.5	44.6	72.6	79.7	112.0	155.1	176.7	154.9	111.2	78.4	75.3
95°	39.6	91.0	142.3	155.2	275.6	436.3	516.5	461.0	349.7	266.3	256.9
97.5°	68.6	113.8	159.1	170.5	371.4	639.1	773.0	737.8	667.6	614.9	596.8
100°	90.8	132.0	173.1	183.4	406.2	703.3	851.9	854.4	859.6	863.4	842.0
102.5°	109.8	148.2	186.6	196.2	422.2	723.5	874.1	918.9	1008.5	1075.6	1057.3
105°	142.1	174.6	207.1	215.2	434.0	725.8	871.7	972.0	1172.8	1323.4	1313.5
107.5°	175.1	205.4	235.7	243.2	436.2	693.4	822.1	962.1	1242.2	1452.2	1454.6
110°	197.4	224.8	252.0	258.9	432.8	664.8	780.8	937.4	1250.5	1485.3	1495.6



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	219.2	245.3	271.4	277.9	433.0	639.8	743.3	903.5	1223.8	1464.1	1479.9
115°	252.3	276.3	300.3	306.4	437.0	611.1	698.2	852.6	1161.2	1392.7	1414.6
117.5°	284.9	306.7	328.6	334.1	445.2	593.2	667.2	806.6	1085.1	1294.1	1318.3
120°	303.9	324.5	345.0	350.1	451.7	587.1	654.9	782.2	1036.7	1227.6	1251.2
122.5°	322.5	343.2	364.0	369.1	461.2	584.0	645.4	760.0	989.1	1161.1	1184.3
125°	350.9	369.9	388.8	393.5	474.0	581.4	635.1	732.4	927.2	1073.1	1094.5
127.5°	374.1	393.2	412.2	417.0	486.8	579.9	626.4	710.0	877.2	1002.6	1020.7
130°	386.5	407.1	427.6	432.7	496.2	580.8	623.1	697.5	846.4	958.0	974.7
132.5°	399.2	419.8	440.4	445.5	503.8	581.4	620.2	686.8	820.1	920.0	934.9
135°	418.2	437.0	455.7	460.4	512.0	580.8	615.2	671.0	782.6	866.2	879.1
137.5°	437.7	456.2	474.7	479.3	524.4	584.4	614.4	661.6	755.9	826.6	837.2
140°	453.8	470.8	488.0	492.2	532.0	585.0	611.5	652.2	733.8	794.8	804.7
142.5°	466.2	482.0	497.8	501.7	538.3	587.1	611.5	647.3	718.8	772.6	781.1
145°	485.2	499.0	512.6	516.1	546.6	587.1	607.4	636.7	695.2	739.1	745.5
147.5°	504.1	517.5	530.9	534.3	558.6	591.1	607.4	630.4	676.5	711.0	716.3
150°	516.5	528.6	540.8	543.8	565.0	593.3	607.4	626.8	665.7	694.9	699.3
152.5°	529.3	538.6	547.7	550.0	569.1	594.6	607.4	624.0	657.2	682.2	685.4
155°	548.3	555.1	561.9	563.6	578.2	597.6	607.4	620.6	647.1	666.9	669.0
157.5°	562.4	569.0	575.6	577.3	587.3	600.7	607.4	617.7	638.2	653.7	655.2
160°	571.9	577.0	582.2	583.4	591.4	602.1	607.4	616.2	633.8	647.0	647.9
162.5°	581.4	585.3	589.1	590.1	595.8	603.6	607.4	614.9	629.7	640.9	641.7
165°	591.7	595.2	598.7	599.6	602.2	605.6	607.4	612.7	623.4	631.4	632.3
167.5°	601.2	602.9	604.5	604.9	607.1	610.1	611.5	614.9	622.0	627.2	627.5
170°	607.4	609.1	610.7	611.1	611.2	611.4	611.5	614.9	622.0	627.2	627.2
172.5°	610.7	611.0	611.4	611.5	611.5	611.5	611.5	614.2	619.7	623.9	623.6
175°	615.2	615.2	615.2	615.2	614.0	612.3	611.5	613.3	616.7	619.4	619.4
177.5°	615.2	615.2	615.2	615.2	614.2	613.0	612.4	613.8	616.5	618.6	618.2
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2



TEST NUMBER: P934875
 CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0
2.5°	1907.5	1902.3	1907.5	1904.0	1905.8	1900.5	1884.7	1879.4	1884.7	1889.9	1889.9
5°	1930.4	1926.9	1930.4	1930.4	1928.6	1925.1	1907.5	1904.0	1907.5	1909.3	1905.8
7.5°	1937.4	1932.2	1937.4	1934.0	1934.0	1930.4	1912.8	1909.3	1911.1	1916.3	1911.1
10°	1937.4	1932.2	1937.4	1935.7	1934.0	1930.4	1912.8	1905.8	1905.8	1911.1	1905.8
12.5°	1928.6	1925.1	1928.6	1925.1	1925.1	1921.6	1904.0	1896.9	1898.7	1900.5	1893.5
15°	1914.6	1909.3	1914.6	1911.1	1912.8	1907.5	1888.2	1881.1	1881.1	1884.7	1872.3
17.5°	1893.5	1886.5	1893.5	1891.7	1889.9	1886.5	1868.8	1861.8	1860.0	1861.8	1853.0
20°	1868.8	1863.6	1868.8	1867.1	1867.1	1860.0	1842.4	1833.6	1833.6	1833.6	1824.8
22.5°	1830.1	1824.8	1830.1	1833.6	1833.6	1831.9	1816.0	1803.7	1800.2	1800.2	1789.7
25°	1786.1	1780.9	1786.1	1786.1	1784.3	1786.1	1780.9	1773.8	1768.5	1763.2	1752.6
27.5°	1743.9	1740.4	1743.9	1740.4	1743.9	1738.6	1736.8	1735.1	1728.0	1722.8	1708.7
30°	1701.7	1698.1	1701.7	1698.1	1694.7	1691.1	1682.3	1678.8	1685.8	1682.3	1659.4
32.5°	1648.8	1645.4	1648.8	1648.8	1645.4	1645.4	1631.3	1626.0	1627.7	1638.3	1617.2
35°	1594.3	1589.0	1594.3	1592.5	1594.3	1589.0	1580.2	1578.5	1571.4	1583.7	1567.9
37.5°	1531.0	1525.7	1531.0	1531.0	1531.0	1534.5	1527.4	1522.1	1511.6	1527.4	1515.1
40°	1465.8	1458.8	1465.8	1464.1	1465.8	1469.4	1465.8	1462.4	1451.8	1464.1	1453.6
42.5°	1391.9	1390.2	1391.9	1393.7	1393.7	1400.7	1406.1	1399.0	1395.5	1386.7	1393.7
45°	1312.7	1309.3	1312.7	1316.3	1318.1	1321.5	1337.4	1337.4	1332.1	1318.1	1328.6
47.5°	1228.3	1219.5	1228.3	1238.8	1238.8	1244.1	1260.0	1272.2	1263.4	1245.9	1251.2
50°	1138.5	1140.3	1138.5	1145.6	1145.6	1165.0	1177.2	1189.6	1198.4	1177.2	1152.6
52.5°	1050.6	1048.8	1050.6	1055.8	1062.8	1071.6	1092.8	1105.1	1119.1	1106.9	1068.2
55°	962.6	966.1	962.6	964.4	967.8	973.2	1004.8	1017.1	1043.5	1027.7	987.2
57.5°	874.6	869.3	874.6	878.1	879.8	885.2	911.5	934.4	950.2	952.0	902.7
60°	772.6	765.5	772.6	788.4	791.9	795.4	820.1	841.1	855.2	860.5	809.5
62.5°	682.8	670.4	682.8	693.4	700.4	709.2	726.7	758.4	770.8	772.6	700.4
65°	587.8	582.4	587.8	608.9	610.6	621.2	640.5	663.4	689.8	686.3	582.4
67.5°	501.5	501.5	501.5	515.6	526.1	531.5	556.1	566.6	600.1	603.6	485.6
70°	422.3	420.6	422.3	432.9	439.9	452.3	475.2	487.4	513.8	522.7	394.2
72.5°	346.7	344.9	346.7	355.5	362.5	373.0	392.4	406.5	429.3	439.9	306.2
75°	279.8	276.3	279.8	286.8	285.0	299.2	315.0	329.1	350.2	357.2	227.0
77.5°	214.7	214.7	214.7	221.7	221.7	235.8	242.9	260.5	272.8	283.3	167.2
80°	160.1	158.4	160.1	161.9	161.9	168.9	181.2	193.6	204.2	204.2	114.4
82.5°	112.6	109.1	112.6	112.6	112.6	116.2	123.2	126.7	133.7	139.1	72.1
85°	70.4	70.4	70.4	72.1	70.4	73.9	75.7	79.2	79.2	75.7	44.0
87.5°	45.7	44.0	45.7	44.0	44.0	42.3	42.3	42.3	40.5	38.7	24.6
90°	15.7	15.7	15.7	15.7	15.7	21.0	27.9	31.3	26.9	18.1	11.5
92.5°	62.8	50.3	62.8	75.3	78.4	111.2	154.9	176.7	155.1	112.0	79.7
95°	219.1	181.2	219.1	256.9	266.3	349.7	461.0	516.5	436.3	275.6	155.2
97.5°	524.9	453.0	524.9	596.8	614.9	667.6	737.8	773.0	639.1	371.4	170.5
100°	756.2	670.5	756.2	842.0	863.4	859.6	854.4	851.9	703.3	406.2	183.4
102.5°	983.9	910.5	983.9	1057.3	1075.6	1008.5	918.9	874.1	723.5	422.2	196.2
105°	1274.0	1234.6	1274.0	1313.5	1323.4	1172.8	972.0	871.7	725.8	434.0	215.2
107.5°	1464.1	1473.6	1464.1	1454.6	1452.2	1242.2	962.1	822.1	693.4	436.2	243.2
110°	1536.6	1577.7	1536.6	1495.6	1485.3	1250.5	937.4	780.8	664.8	432.8	258.9



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1543.1	1606.2	1543.1	1479.9	1464.1	1223.8	903.5	743.3	639.8	433.0	277.9
115°	1502.1	1589.7	1502.1	1414.6	1392.7	1161.2	852.6	698.2	611.1	437.0	306.4
117.5°	1415.4	1512.4	1415.4	1318.3	1294.1	1085.1	806.6	667.2	593.2	445.2	334.1
120°	1345.5	1439.8	1345.5	1251.2	1227.6	1036.7	782.2	654.9	587.1	451.7	350.1
122.5°	1277.4	1370.5	1277.4	1184.3	1161.1	989.1	760.0	645.4	584.0	461.2	369.1
125°	1180.3	1266.0	1180.3	1094.5	1073.1	927.2	732.4	635.1	581.4	474.0	393.5
127.5°	1093.0	1165.2	1093.0	1020.7	1002.6	877.2	710.0	626.4	579.9	486.8	417.0
130°	1041.4	1108.2	1041.4	974.7	958.0	846.4	697.5	623.1	580.8	496.2	432.7
132.5°	994.7	1054.6	994.7	934.9	920.0	820.1	686.8	620.2	581.4	503.8	445.5
135°	930.7	982.3	930.7	879.1	866.2	782.6	671.0	615.2	580.8	512.0	460.4
137.5°	879.4	921.7	879.4	837.2	826.6	755.9	661.6	614.4	584.4	524.4	479.3
140°	844.2	883.6	844.2	804.7	794.8	733.8	652.2	611.5	585.0	532.0	492.2
142.5°	815.0	848.9	815.0	781.1	772.6	718.8	647.3	611.5	587.1	538.3	501.7
145°	771.2	796.9	771.2	745.5	739.1	695.2	636.7	607.4	587.1	546.6	516.1
147.5°	737.6	758.9	737.6	716.3	711.0	676.5	630.4	607.4	591.1	558.6	534.3
150°	716.5	733.8	716.5	699.3	694.9	665.7	626.8	607.4	593.3	565.0	543.8
152.5°	698.4	711.5	698.4	685.4	682.2	657.2	624.0	607.4	594.6	569.1	550.0
155°	677.6	686.2	677.6	669.0	666.9	647.1	620.6	607.4	597.6	578.2	563.6
157.5°	661.2	667.2	661.2	655.2	653.7	638.2	617.7	607.4	600.7	587.3	577.3
160°	651.3	654.9	651.3	647.9	647.0	633.8	616.2	607.4	602.1	591.4	583.4
162.5°	645.0	648.2	645.0	641.7	640.9	629.7	614.9	607.4	603.6	595.8	590.1
165°	635.7	639.2	635.7	632.3	631.4	623.4	612.7	607.4	605.6	602.2	599.6
167.5°	629.1	630.5	629.1	627.5	627.2	622.0	614.9	611.5	610.1	607.1	604.9
170°	627.2	627.2	627.2	627.2	627.2	622.0	614.9	611.5	611.4	611.2	611.1
172.5°	622.3	621.0	622.3	623.6	623.9	619.7	614.2	611.5	611.5	611.5	611.5
175°	619.4	619.4	619.4	619.4	619.4	616.7	613.3	611.5	612.3	614.0	615.2
177.5°	616.7	615.2	616.7	618.2	618.6	616.5	613.8	612.4	613.0	614.2	615.2
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2



TEST NUMBER: P934875
 CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0
2.5°	1886.5	1875.9	1875.9	1858.2	1851.2	1846.0	1837.2	1810.7	1803.7	1796.7	1807.3
5°	1902.3	1882.9	1868.8	1837.2	1810.7	1800.2	1766.8	1703.5	1661.2	1629.5	1611.9
7.5°	1905.8	1881.1	1854.8	1805.5	1742.2	1713.9	1611.9	1495.7	1464.1	1435.9	1418.3
10°	1902.3	1874.1	1837.2	1763.2	1613.7	1564.4	1462.4	1386.7	1367.3	1362.0	1367.3
12.5°	1889.9	1863.6	1812.5	1689.3	1479.9	1446.5	1386.7	1342.7	1339.2	1348.0	1395.5
15°	1868.8	1844.2	1784.3	1590.8	1406.1	1381.4	1339.2	1323.3	1342.7	1404.3	1546.8
17.5°	1847.8	1819.5	1745.6	1494.0	1349.7	1332.1	1302.2	1333.9	1443.0	1525.7	1573.2
20°	1819.5	1786.1	1701.7	1423.6	1309.3	1293.4	1279.3	1421.9	1504.5	1534.5	1560.8
22.5°	1786.1	1751.0	1641.8	1374.4	1267.0	1254.7	1263.4	1471.1	1504.5	1525.7	1548.6
25°	1742.2	1712.2	1571.4	1335.6	1233.6	1219.5	1253.0	1465.8	1485.2	1490.5	1536.2
27.5°	1701.7	1663.0	1497.5	1300.5	1193.1	1187.8	1261.8	1443.0	1457.0	1462.4	1511.6
30°	1652.4	1594.3	1414.9	1263.4	1150.8	1149.1	1263.4	1414.9	1411.3	1425.4	1474.6
32.5°	1601.3	1492.3	1321.5	1217.7	1110.4	1108.7	1251.2	1372.6	1369.0	1388.4	1425.4
35°	1553.8	1413.1	1194.9	1165.0	1059.4	1061.1	1221.3	1323.3	1325.1	1342.7	1365.6
37.5°	1504.5	1344.4	1055.8	1106.9	1010.1	1010.1	1180.8	1277.6	1274.0	1279.3	1311.0
40°	1446.5	1237.1	932.7	1031.2	964.4	959.0	1131.5	1228.3	1215.9	1214.3	1258.2
42.5°	1384.9	1119.1	841.1	930.9	911.5	904.5	1071.6	1168.4	1145.6	1150.8	1207.1
45°	1318.1	1087.5	770.8	786.6	857.0	851.7	1006.5	1099.8	1084.0	1098.1	1156.2
47.5°	1251.2	1024.1	747.9	652.9	798.9	797.2	934.4	1032.9	1024.1	1038.2	1099.8
50°	1159.6	953.8	746.1	559.6	733.8	740.9	848.2	967.8	967.8	980.2	1045.3
52.5°	1041.7	867.6	677.5	506.8	658.1	679.2	772.6	911.5	915.1	927.3	985.4
55°	934.4	777.8	628.3	466.3	568.4	614.1	698.6	853.5	860.5	872.8	925.7
57.5°	835.9	647.6	617.7	418.8	485.6	529.7	633.5	797.2	800.7	811.3	862.2
60°	730.3	468.1	566.6	367.8	413.5	446.9	573.6	730.3	742.6	749.6	793.6
62.5°	610.6	339.7	513.8	332.6	378.4	385.4	524.4	667.0	682.8	688.0	714.5
65°	434.7	285.0	436.5	302.6	341.3	343.1	471.6	601.8	615.9	624.7	644.1
67.5°	293.8	232.3	332.6	274.5	313.2	315.0	420.6	526.1	545.5	552.5	564.9
70°	204.2	154.9	246.3	244.6	281.6	285.0	366.0	457.5	475.2	480.4	487.4
72.5°	149.5	124.9	204.2	220.0	248.1	251.7	309.7	380.1	397.7	403.0	406.5
75°	114.4	132.0	165.4	191.8	211.2	212.9	253.4	309.7	322.0	325.5	327.3
77.5°	91.5	123.2	121.4	154.9	172.4	168.9	198.8	239.3	249.9	249.9	249.9
80°	68.6	96.8	91.5	110.8	126.7	123.2	142.5	170.7	174.2	177.7	176.0
82.5°	51.1	61.6	61.6	70.4	84.4	81.0	95.0	110.8	110.8	110.8	114.4
85°	31.7	35.2	28.1	36.9	47.5	45.7	52.8	59.9	61.6	61.6	58.1
87.5°	19.4	15.8	8.8	14.1	21.1	21.1	24.6	26.4	24.6	24.6	24.6
90°	10.7	7.4	4.1	7.4	10.7	11.5	18.1	26.9	31.3	27.9	21.0
92.5°	72.6	44.6	16.5	44.6	72.6	79.7	112.0	155.1	176.7	154.9	111.2
95°	142.3	91.0	39.6	91.0	142.3	155.2	275.6	436.3	516.5	461.0	349.7
97.5°	159.1	113.8	68.6	113.8	159.1	170.5	371.4	639.1	773.0	737.8	667.6
100°	173.1	132.0	90.8	132.0	173.1	183.4	406.2	703.3	851.9	854.4	859.6
102.5°	186.6	148.2	109.8	148.2	186.6	196.2	422.2	723.5	874.1	918.9	1008.5
105°	207.1	174.6	142.1	174.6	207.1	215.2	434.0	725.8	871.7	972.0	1172.8
107.5°	235.7	205.4	175.1	205.4	235.7	243.2	436.2	693.4	822.1	962.1	1242.2
110°	252.0	224.8	197.4	224.8	252.0	258.9	432.8	664.8	780.8	937.4	1250.5



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	271.4	245.3	219.2	245.3	271.4	277.9	433.0	639.8	743.3	903.5	1223.8
115°	300.3	276.3	252.3	276.3	300.3	306.4	437.0	611.1	698.2	852.6	1161.2
117.5°	328.6	306.7	284.9	306.7	328.6	334.1	445.2	593.2	667.2	806.6	1085.1
120°	345.0	324.5	303.9	324.5	345.0	350.1	451.7	587.1	654.9	782.2	1036.7
122.5°	364.0	343.2	322.5	343.2	364.0	369.1	461.2	584.0	645.4	760.0	989.1
125°	388.8	369.9	350.9	369.9	388.8	393.5	474.0	581.4	635.1	732.4	927.2
127.5°	412.2	393.2	374.1	393.2	412.2	417.0	486.8	579.9	626.4	710.0	877.2
130°	427.6	407.1	386.5	407.1	427.6	432.7	496.2	580.8	623.1	697.5	846.4
132.5°	440.4	419.8	399.2	419.8	440.4	445.5	503.8	581.4	620.2	686.8	820.1
135°	455.7	437.0	418.2	437.0	455.7	460.4	512.0	580.8	615.2	671.0	782.6
137.5°	474.7	456.2	437.7	456.2	474.7	479.3	524.4	584.4	614.4	661.6	755.9
140°	488.0	470.8	453.8	470.8	488.0	492.2	532.0	585.0	611.5	652.2	733.8
142.5°	497.8	482.0	466.2	482.0	497.8	501.7	538.3	587.1	611.5	647.3	718.8
145°	512.6	499.0	485.2	499.0	512.6	516.1	546.6	587.1	607.4	636.7	695.2
147.5°	530.9	517.5	504.1	517.5	530.9	534.3	558.6	591.1	607.4	630.4	676.5
150°	540.8	528.6	516.5	528.6	540.8	543.8	565.0	593.3	607.4	626.8	665.7
152.5°	547.7	538.6	529.3	538.6	547.7	550.0	569.1	594.6	607.4	624.0	657.2
155°	561.9	555.1	548.3	555.1	561.9	563.6	578.2	597.6	607.4	620.6	647.1
157.5°	575.6	569.0	562.4	569.0	575.6	577.3	587.3	600.7	607.4	617.7	638.2
160°	582.2	577.0	571.9	577.0	582.2	583.4	591.4	602.1	607.4	616.2	633.8
162.5°	589.1	585.3	581.4	585.3	589.1	590.1	595.8	603.6	607.4	614.9	629.7
165°	598.7	595.2	591.7	595.2	598.7	599.6	602.2	605.6	607.4	612.7	623.4
167.5°	604.5	602.9	601.2	602.9	604.5	604.9	607.1	610.1	611.5	614.9	622.0
170°	610.7	609.1	607.4	609.1	610.7	611.1	611.2	611.4	611.5	614.9	622.0
172.5°	611.4	611.0	610.7	611.0	611.4	611.5	611.5	611.5	611.5	614.2	619.7
175°	615.2	615.2	615.2	615.2	615.2	615.2	614.0	612.3	611.5	613.3	616.7
177.5°	615.2	615.2	615.2	615.2	615.2	615.2	614.2	613.0	612.4	613.8	616.5
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2



TEST NUMBER: P934875
 CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0	1860.0
2.5°	1794.9	1789.7	1796.7	1777.3	1796.7	1789.7	1794.9	1807.3	1796.7	1803.7	1810.7
5°	1575.0	1566.2	1538.0	1515.1	1538.0	1566.2	1575.0	1611.9	1629.5	1661.2	1703.5
7.5°	1407.7	1400.7	1393.7	1379.6	1393.7	1400.7	1407.7	1418.3	1435.9	1464.1	1495.7
10°	1370.8	1372.6	1383.1	1381.4	1383.1	1372.6	1370.8	1367.3	1362.0	1367.3	1386.7
12.5°	1465.8	1481.7	1539.8	1536.2	1539.8	1481.7	1465.8	1395.5	1348.0	1339.2	1342.7
15°	1575.0	1580.2	1592.5	1594.3	1592.5	1580.2	1575.0	1546.8	1404.3	1342.7	1323.3
17.5°	1585.5	1587.3	1596.1	1596.1	1596.1	1587.3	1585.5	1573.2	1525.7	1443.0	1333.9
20°	1576.7	1580.2	1597.9	1601.3	1597.9	1580.2	1576.7	1560.8	1534.5	1504.5	1421.9
22.5°	1573.2	1580.2	1594.3	1592.5	1594.3	1580.2	1573.2	1548.6	1525.7	1504.5	1471.1
25°	1555.6	1555.6	1557.4	1559.2	1557.4	1555.6	1555.6	1536.2	1490.5	1485.2	1465.8
27.5°	1518.7	1522.1	1532.7	1531.0	1532.7	1522.1	1518.7	1511.6	1462.4	1457.0	1443.0
30°	1485.2	1481.7	1472.9	1465.8	1472.9	1481.7	1485.2	1474.6	1425.4	1411.3	1414.9
32.5°	1428.9	1420.1	1411.3	1406.1	1411.3	1420.1	1428.9	1425.4	1388.4	1369.0	1372.6
35°	1362.0	1363.8	1362.0	1356.8	1362.0	1363.8	1362.0	1365.6	1342.7	1325.1	1323.3
37.5°	1314.5	1318.1	1316.3	1309.3	1316.3	1318.1	1314.5	1311.0	1279.3	1274.0	1277.6
40°	1265.2	1267.0	1265.2	1260.0	1265.2	1267.0	1265.2	1258.2	1214.3	1215.9	1228.3
42.5°	1217.7	1215.9	1210.7	1207.1	1210.7	1215.9	1217.7	1207.1	1150.8	1145.6	1168.4
45°	1163.2	1165.0	1154.4	1149.1	1154.4	1165.0	1163.2	1156.2	1098.1	1084.0	1099.8
47.5°	1108.7	1108.7	1099.8	1094.5	1099.8	1108.7	1108.7	1099.8	1038.2	1024.1	1032.9
50°	1050.6	1048.8	1036.5	1034.7	1036.5	1048.8	1050.6	1045.3	980.2	967.8	967.8
52.5°	983.7	983.7	985.4	989.0	985.4	983.7	983.7	985.4	927.3	915.1	911.5
55°	925.7	927.3	939.7	943.2	939.7	927.3	925.7	925.7	872.8	860.5	853.5
57.5°	865.8	865.8	874.6	874.6	874.6	865.8	865.8	862.2	811.3	800.7	797.2
60°	797.2	800.7	807.7	805.9	807.7	800.7	797.2	793.6	749.6	742.6	730.3
62.5°	725.0	728.5	730.3	726.7	730.3	728.5	725.0	714.5	688.0	682.8	667.0
65°	649.3	652.9	654.6	651.1	654.6	652.9	649.3	644.1	624.7	615.9	601.8
67.5°	571.9	570.2	568.4	575.4	568.4	570.2	571.9	564.9	552.5	545.5	526.1
70°	492.8	492.8	491.0	494.4	491.0	492.8	492.8	487.4	480.4	475.2	457.5
72.5°	408.2	406.5	413.5	408.2	413.5	406.5	408.2	406.5	403.0	397.7	380.1
75°	325.5	329.1	325.5	330.9	325.5	329.1	325.5	327.3	325.5	322.0	309.7
77.5°	248.1	251.7	248.1	248.1	248.1	251.7	248.1	249.9	249.9	249.9	239.3
80°	176.0	174.2	174.2	172.4	174.2	174.2	176.0	176.0	177.7	174.2	170.7
82.5°	112.6	110.8	110.8	114.4	110.8	110.8	112.6	114.4	110.8	110.8	110.8
85°	61.6	63.3	59.9	59.9	59.9	63.3	61.6	58.1	61.6	61.6	59.9
87.5°	22.9	21.1	21.1	21.1	21.1	21.1	22.9	24.6	24.6	24.6	26.4
90°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	21.0	27.9	31.3	26.9
92.5°	78.4	75.3	62.8	50.3	62.8	75.3	78.4	111.2	154.9	176.7	155.1
95°	266.3	256.9	219.1	181.2	219.1	256.9	266.3	349.7	461.0	516.5	436.3
97.5°	614.9	596.8	524.9	453.0	524.9	596.8	614.9	667.6	737.8	773.0	639.1
100°	863.4	842.0	756.2	670.5	756.2	842.0	863.4	859.6	854.4	851.9	703.3
102.5°	1075.6	1057.3	983.9	910.5	983.9	1057.3	1075.6	1008.5	918.9	874.1	723.5
105°	1323.4	1313.5	1274.0	1234.6	1274.0	1313.5	1323.4	1172.8	972.0	871.7	725.8
107.5°	1452.2	1454.6	1464.1	1473.6	1464.1	1454.6	1452.2	1242.2	962.1	822.1	693.4
110°	1485.3	1495.6	1536.6	1577.7	1536.6	1495.6	1485.3	1250.5	937.4	780.8	664.8



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1464.1	1479.9	1543.1	1606.2	1543.1	1479.9	1464.1	1223.8	903.5	743.3	639.8
115°	1392.7	1414.6	1502.1	1589.7	1502.1	1414.6	1392.7	1161.2	852.6	698.2	611.1
117.5°	1294.1	1318.3	1415.4	1512.4	1415.4	1318.3	1294.1	1085.1	806.6	667.2	593.2
120°	1227.6	1251.2	1345.5	1439.8	1345.5	1251.2	1227.6	1036.7	782.2	654.9	587.1
122.5°	1161.1	1184.3	1277.4	1370.5	1277.4	1184.3	1161.1	989.1	760.0	645.4	584.0
125°	1073.1	1094.5	1180.3	1266.0	1180.3	1094.5	1073.1	927.2	732.4	635.1	581.4
127.5°	1002.6	1020.7	1093.0	1165.2	1093.0	1020.7	1002.6	877.2	710.0	626.4	579.9
130°	958.0	974.7	1041.4	1108.2	1041.4	974.7	958.0	846.4	697.5	623.1	580.8
132.5°	920.0	934.9	994.7	1054.6	994.7	934.9	920.0	820.1	686.8	620.2	581.4
135°	866.2	879.1	930.7	982.3	930.7	879.1	866.2	782.6	671.0	615.2	580.8
137.5°	826.6	837.2	879.4	921.7	879.4	837.2	826.6	755.9	661.6	614.4	584.4
140°	794.8	804.7	844.2	883.6	844.2	804.7	794.8	733.8	652.2	611.5	585.0
142.5°	772.6	781.1	815.0	848.9	815.0	781.1	772.6	718.8	647.3	611.5	587.1
145°	739.1	745.5	771.2	796.9	771.2	745.5	739.1	695.2	636.7	607.4	587.1
147.5°	711.0	716.3	737.6	758.9	737.6	716.3	711.0	676.5	630.4	607.4	591.1
150°	694.9	699.3	716.5	733.8	716.5	699.3	694.9	665.7	626.8	607.4	593.3
152.5°	682.2	685.4	698.4	711.5	698.4	685.4	682.2	657.2	624.0	607.4	594.6
155°	666.9	669.0	677.6	686.2	677.6	669.0	666.9	647.1	620.6	607.4	597.6
157.5°	653.7	655.2	661.2	667.2	661.2	655.2	653.7	638.2	617.7	607.4	600.7
160°	647.0	647.9	651.3	654.9	651.3	647.9	647.0	633.8	616.2	607.4	602.1
162.5°	640.9	641.7	645.0	648.2	645.0	641.7	640.9	629.7	614.9	607.4	603.6
165°	631.4	632.3	635.7	639.2	635.7	632.3	631.4	623.4	612.7	607.4	605.6
167.5°	627.2	627.5	629.1	630.5	629.1	627.5	627.2	622.0	614.9	611.5	610.1
170°	627.2	627.2	627.2	627.2	627.2	627.2	627.2	622.0	614.9	611.5	611.4
172.5°	623.9	623.6	622.3	621.0	622.3	623.6	623.9	619.7	614.2	611.5	611.5
175°	619.4	619.4	619.4	619.4	619.4	619.4	619.4	616.7	613.3	611.5	612.3
177.5°	618.6	618.2	616.7	615.2	616.7	618.2	618.6	616.5	613.8	612.4	613.0
180°	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2	615.2



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1860.0	1860.0	1860.0	1860.0	1860.0
2.5°	1837.2	1846.0	1851.2	1858.2	1875.9
5°	1766.8	1800.2	1810.7	1837.2	1868.8
7.5°	1611.9	1713.9	1742.2	1805.5	1854.8
10°	1462.4	1564.4	1613.7	1763.2	1837.2
12.5°	1386.7	1446.5	1479.9	1689.3	1812.5
15°	1339.2	1381.4	1406.1	1590.8	1784.3
17.5°	1302.2	1332.1	1349.7	1494.0	1745.6
20°	1279.3	1293.4	1309.3	1423.6	1701.7
22.5°	1263.4	1254.7	1267.0	1374.4	1641.8
25°	1253.0	1219.5	1233.6	1335.6	1571.4
27.5°	1261.8	1187.8	1193.1	1300.5	1497.5
30°	1263.4	1149.1	1150.8	1263.4	1414.9
32.5°	1251.2	1108.7	1110.4	1217.7	1321.5
35°	1221.3	1061.1	1059.4	1165.0	1194.9
37.5°	1180.8	1010.1	1010.1	1106.9	1055.8
40°	1131.5	959.0	964.4	1031.2	932.7
42.5°	1071.6	904.5	911.5	930.9	841.1
45°	1006.5	851.7	857.0	786.6	770.8
47.5°	934.4	797.2	798.9	652.9	747.9
50°	848.2	740.9	733.8	559.6	746.1
52.5°	772.6	679.2	658.1	506.8	677.5
55°	698.6	614.1	568.4	466.3	628.3
57.5°	633.5	529.7	485.6	418.8	617.7
60°	573.6	446.9	413.5	367.8	566.6
62.5°	524.4	385.4	378.4	332.6	513.8
65°	471.6	343.1	341.3	302.6	436.5
67.5°	420.6	315.0	313.2	274.5	332.6
70°	366.0	285.0	281.6	244.6	246.3
72.5°	309.7	251.7	248.1	220.0	204.2
75°	253.4	212.9	211.2	191.8	165.4
77.5°	198.8	168.9	172.4	154.9	121.4
80°	142.5	123.2	126.7	110.8	91.5
82.5°	95.0	81.0	84.4	70.4	61.6
85°	52.8	45.7	47.5	36.9	28.1
87.5°	24.6	21.1	21.1	14.1	8.8
90°	18.1	11.5	10.7	7.4	4.1
92.5°	112.0	79.7	72.6	44.6	16.5
95°	275.6	155.2	142.3	91.0	39.6
97.5°	371.4	170.5	159.1	113.8	68.6
100°	406.2	183.4	173.1	132.0	90.8
102.5°	422.2	196.2	186.6	148.2	109.8
105°	434.0	215.2	207.1	174.6	142.1
107.5°	436.2	243.2	235.7	205.4	175.1
110°	432.8	258.9	252.0	224.8	197.4



TEST NUMBER: P934875

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	433.0	277.9	271.4	245.3	219.2
115°	437.0	306.4	300.3	276.3	252.3
117.5°	445.2	334.1	328.6	306.7	284.9
120°	451.7	350.1	345.0	324.5	303.9
122.5°	461.2	369.1	364.0	343.2	322.5
125°	474.0	393.5	388.8	369.9	350.9
127.5°	486.8	417.0	412.2	393.2	374.1
130°	496.2	432.7	427.6	407.1	386.5
132.5°	503.8	445.5	440.4	419.8	399.2
135°	512.0	460.4	455.7	437.0	418.2
137.5°	524.4	479.3	474.7	456.2	437.7
140°	532.0	492.2	488.0	470.8	453.8
142.5°	538.3	501.7	497.8	482.0	466.2
145°	546.6	516.1	512.6	499.0	485.2
147.5°	558.6	534.3	530.9	517.5	504.1
150°	565.0	543.8	540.8	528.6	516.5
152.5°	569.1	550.0	547.7	538.6	529.3
155°	578.2	563.6	561.9	555.1	548.3
157.5°	587.3	577.3	575.6	569.0	562.4
160°	591.4	583.4	582.2	577.0	571.9
162.5°	595.8	590.1	589.1	585.3	581.4
165°	602.2	599.6	598.7	595.2	591.7
167.5°	607.1	604.9	604.5	602.9	601.2
170°	611.2	611.1	610.7	609.1	607.4
172.5°	611.5	611.5	611.4	611.0	610.7
175°	614.0	615.2	615.2	615.2	615.2
177.5°	614.2	615.2	615.2	615.2	615.2
180°	615.2	615.2	615.2	615.2	615.2



TEST NUMBER: P934875
 CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-6

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	13.72	14.62	14.63	15.56	16.76	16.54	17.45	17.46	18.38	19.58
	3H	14.20	15.01	15.13	15.95	17.18	17.89	18.70	18.82	19.64	20.87
	4H	14.39	15.16	15.33	16.11	17.34	18.33	19.10	19.28	20.05	21.29
	6H	14.51	15.22	15.47	16.17	17.42	18.62	19.33	19.57	20.28	21.53
	8H	14.52	15.19	15.48	16.16	17.41	18.70	19.37	19.66	20.34	21.59
	12H	14.49	15.13	15.45	16.09	17.36	18.73	19.38	19.70	20.34	21.61
4H	2H	14.75	15.52	15.70	16.47	17.71	16.96	17.72	17.90	18.67	19.91
	3H	15.79	16.43	16.74	17.40	18.65	18.47	19.11	19.42	20.08	21.33
	4H	16.06	16.65	17.03	17.62	18.89	18.99	19.58	19.96	20.55	21.82
	6H	16.19	16.69	17.17	17.69	18.96	19.36	19.86	20.34	20.86	22.13
	8H	16.20	16.67	17.18	17.66	18.94	19.47	19.94	20.45	20.93	22.21
	12H	16.17	16.59	17.17	17.60	18.89	19.53	19.95	20.53	20.96	22.25
8H	4H	16.52	16.99	17.50	17.98	19.27	19.12	19.59	20.10	20.58	21.87
	6H	16.78	17.17	17.79	18.20	19.49	19.56	19.95	20.57	20.98	22.26
	8H	16.83	17.17	17.84	18.19	19.49	19.71	20.05	20.73	21.07	22.38
	12H	16.81	17.11	17.83	18.13	19.48	19.81	20.11	20.83	21.12	22.47
12H	4H	16.53	16.95	17.53	17.96	19.25	19.09	19.51	20.09	20.52	21.81
	6H	16.84	17.19	17.86	18.21	19.51	19.56	19.90	20.57	20.92	22.22
	8H	16.91	17.21	17.93	18.23	19.58	19.72	20.02	20.74	21.03	22.38