

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: P933912

Luminaire Tested: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

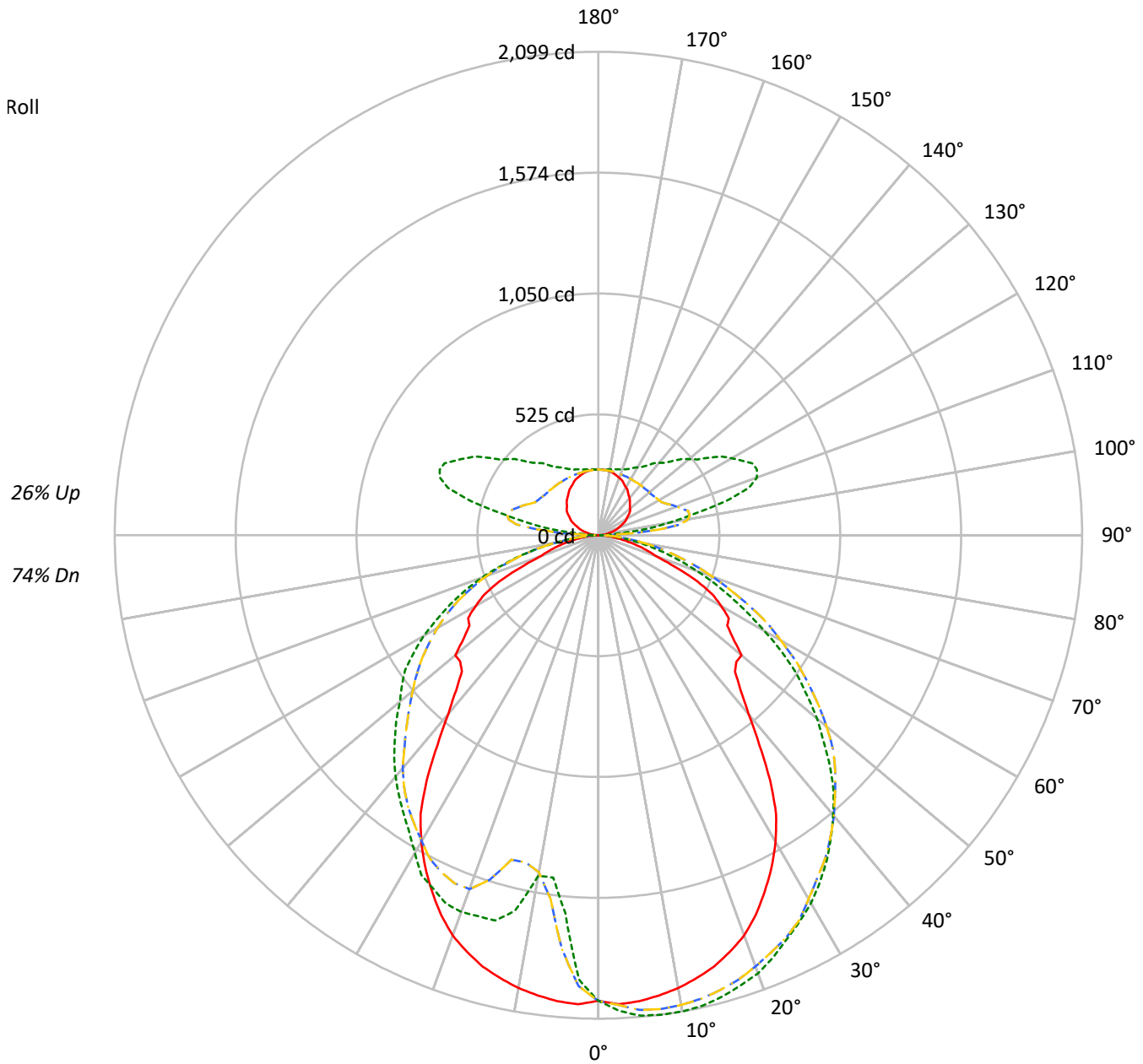
Test Method: LM-79-2019  
Report Number: P933912  
REPORT IS A COMBINATION OF REPORTS P933680 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7090.7 lumens  
Efficiency: N/A  
Efficacy: 118.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 60  
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: P933912  
CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**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	50	30	10	50	30	10	0				
RCR																															
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74													
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	62													
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	52													
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	44													
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	38													
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	33													
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	29													
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	26													
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	23													
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	21													
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19													

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	9376	9376	9376	9376
5°	9446	9465	9446	7442
10°	9383	9323	9383	6665
15°	9281	9121	9281	7617
20°	9087	8882	9087	7632
25°	8689	8533	8689	7470
30°	8176	8243	8176	7116
35°	7289	7876	7289	6725
40°	6074	7445	6074	6430
45°	5427	6940	5427	6091
50°	5766	6338	5766	5752
55°	5425	5689	5425	5554
60°	5592	4832	5592	5087
65°	5070	3994	5070	4465
70°	3511	3183	3511	3743
75°	3078	2353	3078	2818
80°	2480	1556	2480	1694
85°	1425	824	1425	700

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8317 cd/sqm



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.4	2.6
10°-20°	517.9	7.3
20°-30°	800.6	11.3
30°-40°	955.8	13.5
40°-50°	961.4	13.6
50°-60°	836.6	11.8
60°-70°	593.2	8.4
70°-80°	313.8	4.4
80°-90°	79.2	1.1
90°-100°	139.1	2.0
100°-110°	365.7	5.2
110°-120°	379.2	5.3
120°-130°	304.1	4.3
130°-140°	238.6	3.4
140°-150°	183.2	2.6
150°-160°	131.9	1.9
160°-170°	80.7	1.1
170°-180°	27.3	0.4
0°-30°	1501.0	21.2
0°-40°	2456.8	34.6
0°-60°	4254.7	60.0
0°-90°	5241.0	73.9
90°-120°	883.9	12.5
90°-150°	1609.9	22.7
90°-180°	1850.0	26.1
0°-180°	7090.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2021	2021	2021	2021	2021	
5°	2030	2094	2030	1646	2030	193
15°	1939	2074	1939	1732	1939	545
25°	1707	1935	1707	1694	1707	784
35°	1298	1726	1298	1474	1298	803
45°	838	1422	838	1248	838	671
55°	683	1050	683	1025	683	627
65°	474	633	474	707	474	453
75°	180	300	180	360	180	189
85°	31	76	31	65	31	41
90°	2	7	2	7	2	3
95°	18	84	18	84	18	20
105°	66	572	66	572	66	70
115°	117	737	117	737	117	116
125°	163	587	163	587	163	144
135°	194	456	194	456	194	150
145°	225	370	225	370	225	141
155°	254	318	254	318	254	117
165°	274	296	274	296	274	77
175°	285	287	285	287	285	27
180°	285	285	285	285	285	



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2038.1	2038.1	2049.6	2053.4	2053.4	2047.7	2041.9	2047.7	2064.9	2070.6	2068.7
5°	2030.4	2045.7	2066.8	2070.6	2074.4	2072.5	2068.7	2072.5	2091.6	2095.5	2097.4
7.5°	2015.2	2043.8	2070.6	2076.3	2082.1	2076.3	2074.4	2078.2	2097.4	2101.2	2101.2
10°	1996.0	2036.2	2066.8	2070.6	2076.3	2070.6	2070.6	2078.2	2097.4	2101.2	2103.1
12.5°	1969.3	2024.7	2053.4	2057.2	2064.9	2063.0	2061.0	2068.7	2087.8	2091.6	2091.6
15°	1938.7	2003.7	2030.4	2034.3	2047.7	2043.8	2043.8	2051.5	2072.5	2078.2	2076.3
17.5°	1896.6	1976.9	2007.5	2013.2	2022.8	2020.9	2022.8	2030.4	2049.6	2053.4	2055.3
20°	1848.8	1940.6	1976.9	1982.6	1992.2	1992.2	1992.2	2001.8	2020.9	2028.5	2028.5
22.5°	1783.8	1902.3	1940.6	1944.4	1955.9	1955.9	1959.7	1973.1	1990.3	1992.2	1992.2
25°	1707.3	1860.3	1892.8	1904.3	1915.7	1921.5	1927.2	1934.8	1940.6	1938.7	1940.6
27.5°	1627.0	1806.7	1848.8	1856.5	1871.8	1877.5	1885.1	1887.0	1889.0	1894.7	1890.9
30°	1537.2	1732.2	1795.3	1802.9	1827.8	1831.6	1824.0	1827.8	1837.3	1841.2	1845.0
32.5°	1435.8	1621.3	1739.8	1757.0	1780.0	1768.5	1766.6	1772.3	1787.6	1787.6	1791.4
35°	1298.2	1535.2	1688.2	1703.5	1720.7	1707.3	1715.0	1716.9	1726.4	1732.2	1730.3
37.5°	1147.1	1460.7	1634.7	1646.1	1659.5	1642.3	1653.8	1659.5	1667.2	1663.3	1663.3
40°	1013.4	1344.0	1571.6	1579.2	1590.7	1577.3	1588.8	1592.6	1596.4	1592.6	1590.7
42.5°	913.9	1215.9	1504.6	1514.2	1506.6	1516.1	1519.9	1527.6	1521.9	1514.2	1514.2
45°	837.5	1181.5	1432.0	1443.5	1432.0	1447.3	1453.0	1453.0	1435.8	1432.0	1430.1
47.5°	812.6	1112.8	1359.3	1359.3	1353.6	1372.7	1382.3	1368.9	1351.7	1346.0	1346.0
50°	810.7	1036.3	1259.9	1252.3	1279.0	1302.0	1292.4	1279.0	1265.6	1244.6	1244.6
52.5°	736.1	942.6	1131.9	1160.5	1202.6	1215.9	1200.6	1187.3	1164.3	1154.8	1147.1
55°	682.6	845.1	1015.3	1072.6	1116.6	1133.8	1105.1	1091.8	1057.3	1051.6	1047.8
57.5°	671.1	703.6	908.2	980.9	1034.4	1032.5	1015.3	990.4	961.7	956.0	954.1
60°	615.7	508.6	793.5	879.5	935.0	929.2	913.9	891.0	864.2	860.4	856.6
62.5°	558.3	369.0	663.5	761.0	839.4	837.5	824.1	789.7	770.5	761.0	753.3
65°	474.2	309.7	472.3	632.9	745.7	749.5	720.8	696.0	674.9	663.5	661.6
67.5°	361.4	252.4	319.3	527.7	655.8	652.0	615.7	604.2	577.4	571.7	560.2
70°	267.7	168.3	221.8	428.3	567.9	558.3	529.6	516.2	491.4	478.0	470.4
72.5°	221.8	135.8	162.5	332.7	478.0	466.5	441.7	426.4	405.3	393.9	386.2
75°	179.7	143.4	124.3	246.6	388.1	380.5	357.5	342.2	325.0	309.7	311.7
77.5°	131.9	133.8	99.4	181.6	307.8	296.4	283.0	263.9	256.2	240.9	240.9
80°	99.4	105.2	74.6	124.3	221.8	221.8	210.3	196.9	183.6	175.9	175.9
82.5°	66.9	66.9	55.4	78.4	151.0	145.3	137.7	133.8	126.2	122.4	122.4
85°	30.6	38.2	34.4	47.8	82.2	86.0	86.0	82.2	80.3	76.5	78.4
87.5°	9.6	17.2	21.0	26.8	42.1	44.0	45.9	45.9	45.9	47.8	47.8
90°	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7	7.3	7.3
92.5°	7.6	20.6	33.7	37.0	52.0	72.0	81.9	71.8	51.6	36.4	35.0
95°	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.2	123.5	119.1
97.5°	31.8	52.9	73.8	79.1	172.2	296.4	358.5	342.2	309.6	285.2	276.9
100°	42.2	61.2	80.2	85.0	188.3	326.1	395.0	396.3	398.7	400.5	390.5
102.5°	51.0	68.7	86.5	90.9	195.8	335.6	405.4	426.2	467.7	498.8	490.3
105°	65.9	81.0	96.1	99.8	201.3	336.6	404.3	450.8	544.0	613.8	609.2
107.5°	81.2	95.2	109.3	112.8	202.3	321.6	381.3	446.2	576.1	673.5	674.6
110°	91.6	104.2	116.9	120.1	200.8	308.3	362.1	434.7	579.9	688.8	693.6



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	101.7	113.8	125.8	128.9	200.9	296.7	344.7	419.0	567.6	679.0	686.4
115°	117.0	128.1	139.3	142.1	202.7	283.5	323.8	395.4	538.6	646.0	656.1
117.5°	132.1	142.3	152.4	155.0	206.5	275.1	309.5	374.1	503.2	600.2	611.5
120°	140.9	150.5	160.0	162.4	209.6	272.4	303.7	362.7	480.8	569.3	580.2
122.5°	149.5	159.2	168.8	171.2	214.0	270.8	299.3	352.5	458.8	538.5	549.3
125°	162.8	171.6	180.3	182.5	219.9	269.7	294.5	339.7	430.0	497.7	507.6
127.5°	173.5	182.3	191.2	193.4	225.8	268.9	290.5	329.3	406.9	465.0	473.4
130°	179.2	188.8	198.3	200.7	230.1	269.4	289.0	323.5	392.5	444.3	452.0
132.5°	185.2	194.7	204.2	206.6	233.6	269.7	287.7	318.5	380.3	426.7	433.6
135°	194.0	202.7	211.4	213.6	237.5	269.4	285.4	311.3	363.0	401.8	407.7
137.5°	203.0	211.6	220.2	222.4	243.2	271.0	285.0	306.9	350.6	383.4	388.2
140°	210.4	218.4	226.3	228.3	246.7	271.3	283.6	302.6	340.3	368.6	373.2
142.5°	216.2	223.5	230.9	232.7	249.7	272.4	283.6	300.3	333.5	358.3	362.2
145°	225.0	231.4	237.8	239.4	253.5	272.4	281.7	295.3	322.5	342.8	345.8
147.5°	233.8	240.1	246.3	247.8	259.1	274.2	281.7	292.4	313.8	329.7	332.2
150°	239.6	245.2	250.8	252.2	262.0	275.1	281.7	290.7	308.8	322.3	324.3
152.5°	245.5	249.7	254.0	255.1	264.0	275.8	281.7	289.4	304.8	316.3	317.9
155°	254.3	257.5	260.6	261.4	268.2	277.2	281.7	287.9	300.1	309.3	310.2
157.5°	260.8	263.9	266.9	267.7	272.4	278.6	281.7	286.5	296.0	303.1	303.8
160°	265.2	267.6	270.0	270.5	274.3	279.2	281.7	285.8	294.0	300.1	300.5
162.5°	269.6	271.4	273.1	273.6	276.3	279.9	281.7	285.2	292.1	297.2	297.6
165°	274.5	276.1	277.7	278.1	279.3	281.0	281.7	284.2	289.1	292.8	293.2
167.5°	278.9	279.6	280.4	280.6	281.6	283.0	283.6	285.3	288.5	290.9	291.1
170°	281.7	282.5	283.3	283.5	283.5	283.6	283.6	285.3	288.5	290.9	290.9
172.5°	283.3	283.5	283.6	283.6	283.6	283.6	283.6	284.9	287.5	289.4	289.2
175°	285.4	285.4	285.4	285.4	284.8	284.0	283.6	284.4	286.0	287.3	287.3
177.5°	285.4	285.4	285.4	285.4	284.9	284.3	284.0	284.7	285.9	286.9	286.7
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2072.5	2066.8	2072.5	2068.7	2070.6	2064.9	2047.7	2041.9	2047.7	2053.4	2053.4
5°	2097.4	2093.5	2097.4	2097.4	2095.5	2091.6	2072.5	2068.7	2072.5	2074.4	2070.6
7.5°	2105.0	2099.3	2105.0	2101.2	2101.2	2097.4	2078.2	2074.4	2076.3	2082.1	2076.3
10°	2105.0	2099.3	2105.0	2103.1	2101.2	2097.4	2078.2	2070.6	2070.6	2076.3	2070.6
12.5°	2095.5	2091.6	2095.5	2091.6	2091.6	2087.8	2068.7	2061.0	2063.0	2064.9	2057.2
15°	2080.2	2074.4	2080.2	2076.3	2078.2	2072.5	2051.5	2043.8	2043.8	2047.7	2034.3
17.5°	2057.2	2049.6	2057.2	2055.3	2053.4	2049.6	2030.4	2022.8	2020.9	2022.8	2013.2
20°	2030.4	2024.7	2030.4	2028.5	2028.5	2020.9	2001.8	1992.2	1992.2	1992.2	1982.6
22.5°	1988.4	1982.6	1988.4	1992.2	1992.2	1990.3	1973.1	1959.7	1955.9	1955.9	1944.4
25°	1940.6	1934.8	1940.6	1940.6	1938.7	1940.6	1934.8	1927.2	1921.5	1915.7	1904.3
27.5°	1894.7	1890.9	1894.7	1890.9	1894.7	1889.0	1887.0	1885.1	1877.5	1871.8	1856.5
30°	1848.8	1845.0	1848.8	1845.0	1841.2	1837.3	1827.8	1824.0	1831.6	1827.8	1802.9
32.5°	1791.4	1787.6	1791.4	1791.4	1787.6	1787.6	1772.3	1766.6	1768.5	1780.0	1757.0
35°	1732.2	1726.4	1732.2	1730.3	1732.2	1726.4	1716.9	1715.0	1707.3	1720.7	1703.5
37.5°	1663.3	1657.6	1663.3	1663.3	1663.3	1667.2	1659.5	1653.8	1642.3	1659.5	1646.1
40°	1592.6	1585.0	1592.6	1590.7	1592.6	1596.4	1592.6	1588.8	1577.3	1590.7	1579.2
42.5°	1512.3	1510.4	1512.3	1514.2	1514.2	1521.9	1527.6	1519.9	1516.1	1506.6	1514.2
45°	1426.3	1422.4	1426.3	1430.1	1432.0	1435.8	1453.0	1453.0	1447.3	1432.0	1443.5
47.5°	1334.5	1324.9	1334.5	1346.0	1346.0	1351.7	1368.9	1382.3	1372.7	1353.6	1359.3
50°	1237.0	1238.9	1237.0	1244.6	1244.6	1265.6	1279.0	1292.4	1302.0	1279.0	1252.3
52.5°	1141.4	1139.6	1141.4	1147.1	1154.8	1164.3	1187.3	1200.6	1215.9	1202.6	1160.5
55°	1045.9	1049.7	1045.9	1047.8	1051.6	1057.3	1091.8	1105.1	1133.8	1116.6	1072.6
57.5°	950.3	944.5	950.3	954.1	956.0	961.7	990.4	1015.3	1032.5	1034.4	980.9
60°	839.4	831.7	839.4	856.6	860.4	864.2	891.0	913.9	929.2	935.0	879.5
62.5°	741.9	728.5	741.9	753.3	761.0	770.5	789.7	824.1	837.5	839.4	761.0
65°	638.6	632.9	638.6	661.6	663.5	674.9	696.0	720.8	749.5	745.7	632.9
67.5°	544.9	544.9	544.9	560.2	571.7	577.4	604.2	615.7	652.0	655.8	527.7
70°	458.9	457.0	458.9	470.4	478.0	491.4	516.2	529.6	558.3	567.9	428.3
72.5°	376.7	374.8	376.7	386.2	393.9	405.3	426.4	441.7	466.5	478.0	332.7
75°	304.0	300.2	304.0	311.7	309.7	325.0	342.2	357.5	380.5	388.1	246.6
77.5°	233.3	233.3	233.3	240.9	240.9	256.2	263.9	283.0	296.4	307.8	181.6
80°	174.0	172.1	174.0	175.9	175.9	183.6	196.9	210.3	221.8	221.8	124.3
82.5°	122.4	118.5	122.4	122.4	122.4	126.2	133.8	137.7	145.3	151.0	78.4
85°	76.5	76.5	76.5	78.4	76.5	80.3	82.2	86.0	86.0	82.2	47.8
87.5°	49.7	47.8	49.7	47.8	47.8	45.9	45.9	45.9	44.0	42.1	26.8
90°	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5	8.4	5.4
92.5°	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0	52.0	37.0
95°	101.6	84.0	101.6	119.1	123.5	162.2	213.8	239.6	202.3	127.8	72.0
97.5°	243.4	210.0	243.4	276.9	285.2	309.6	342.2	358.5	296.4	172.2	79.1
100°	350.8	311.0	350.8	390.5	400.5	398.7	396.3	395.0	326.1	188.3	85.0
102.5°	456.3	422.3	456.3	490.3	498.8	467.7	426.2	405.4	335.6	195.8	90.9
105°	590.9	572.5	590.9	609.2	613.8	544.0	450.8	404.3	336.6	201.3	99.8
107.5°	679.0	683.4	679.0	674.6	673.5	576.1	446.2	381.3	321.6	202.3	112.8
110°	712.6	731.7	712.6	693.6	688.8	579.9	434.7	362.1	308.3	200.8	120.1





TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	715.7	744.9	715.7	686.4	679.0	567.6	419.0	344.7	296.7	200.9	128.9
115°	696.7	737.3	696.7	656.1	646.0	538.6	395.4	323.8	283.5	202.7	142.1
117.5°	656.5	701.5	656.5	611.5	600.2	503.2	374.1	309.5	275.1	206.5	155.0
120°	624.0	667.8	624.0	580.2	569.3	480.8	362.7	303.7	272.4	209.6	162.4
122.5°	592.4	635.5	592.4	549.3	538.5	458.8	352.5	299.3	270.8	214.0	171.2
125°	547.4	587.2	547.4	507.6	497.7	430.0	339.7	294.5	269.7	219.9	182.5
127.5°	506.9	540.4	506.9	473.4	465.0	406.9	329.3	290.5	268.9	225.8	193.4
130°	483.0	513.9	483.0	452.0	444.3	392.5	323.5	289.0	269.4	230.1	200.7
132.5°	461.4	489.1	461.4	433.6	426.7	380.3	318.5	287.7	269.7	233.6	206.6
135°	431.6	455.5	431.6	407.7	401.8	363.0	311.3	285.4	269.4	237.5	213.6
137.5°	407.8	427.4	407.8	388.2	383.4	350.6	306.9	285.0	271.0	243.2	222.4
140°	391.5	409.8	391.5	373.2	368.6	340.3	302.6	283.6	271.3	246.7	228.3
142.5°	378.0	393.7	378.0	362.2	358.3	333.5	300.3	283.6	272.4	249.7	232.7
145°	357.7	369.6	357.7	345.8	342.8	322.5	295.3	281.7	272.4	253.5	239.4
147.5°	342.1	352.0	342.1	332.2	329.7	313.8	292.4	281.7	274.2	259.1	247.8
150°	332.3	340.3	332.3	324.3	322.3	308.8	290.7	281.7	275.1	262.0	252.2
152.5°	323.9	329.9	323.9	317.9	316.3	304.8	289.4	281.7	275.8	264.0	255.1
155°	314.2	318.3	314.2	310.2	309.3	300.1	287.9	281.7	277.2	268.2	261.4
157.5°	306.7	309.5	306.7	303.8	303.1	296.0	286.5	281.7	278.6	272.4	267.7
160°	302.1	303.7	302.1	300.5	300.1	294.0	285.8	281.7	279.2	274.3	270.5
162.5°	299.1	300.7	299.1	297.6	297.2	292.1	285.2	281.7	279.9	276.3	273.6
165°	294.8	296.5	294.8	293.2	292.8	289.1	284.2	281.7	281.0	279.3	278.1
167.5°	291.8	292.4	291.8	291.1	290.9	288.5	285.3	283.6	283.0	281.6	280.6
170°	290.9	290.9	290.9	290.9	290.9	288.5	285.3	283.6	283.6	283.5	283.5
172.5°	288.6	288.0	288.6	289.2	289.4	287.5	284.9	283.6	283.6	283.6	283.6
175°	287.3	287.3	287.3	287.3	287.3	286.0	284.4	283.6	284.0	284.8	285.4
177.5°	286.0	285.4	286.0	286.7	286.9	285.9	284.7	284.0	284.3	284.9	285.4
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P933912  
 CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2049.6	2038.1	2038.1	2019.0	2011.3	2005.6	1996.0	1967.4	1959.7	1952.1	1963.5
5°	2066.8	2045.7	2030.4	1996.0	1967.4	1955.9	1919.6	1850.7	1804.8	1770.4	1751.3
7.5°	2070.6	2043.8	2015.2	1961.6	1892.8	1862.2	1751.3	1625.1	1590.7	1560.1	1541.0
10°	2066.8	2036.2	1996.0	1915.7	1753.2	1699.7	1588.8	1506.6	1485.5	1479.8	1485.5
12.5°	2053.4	2024.7	1969.3	1835.4	1607.9	1571.6	1506.6	1458.8	1454.9	1464.5	1516.1
15°	2030.4	2003.7	1938.7	1728.4	1527.6	1500.8	1454.9	1437.7	1458.8	1525.7	1680.6
17.5°	2007.5	1976.9	1896.6	1623.2	1466.4	1447.3	1414.8	1449.2	1567.7	1657.6	1709.2
20°	1976.9	1940.6	1848.8	1546.7	1422.4	1405.2	1389.9	1544.8	1634.7	1667.2	1695.8
22.5°	1940.6	1902.3	1783.8	1493.2	1376.5	1363.2	1372.7	1598.3	1634.7	1657.6	1682.5
25°	1892.8	1860.3	1707.3	1451.1	1340.2	1324.9	1361.2	1592.6	1613.6	1619.4	1669.1
27.5°	1848.8	1806.7	1627.0	1412.9	1296.2	1290.5	1370.8	1567.7	1583.0	1588.8	1642.3
30°	1795.3	1732.2	1537.2	1372.7	1250.4	1248.4	1372.7	1537.2	1533.3	1548.6	1602.2
32.5°	1739.8	1621.3	1435.8	1323.0	1206.4	1204.5	1359.3	1491.3	1487.4	1508.5	1548.6
35°	1688.2	1535.2	1298.2	1265.6	1150.9	1152.8	1326.8	1437.7	1439.6	1458.8	1483.6
37.5°	1634.7	1460.7	1147.1	1202.6	1097.5	1097.5	1282.9	1388.0	1384.2	1389.9	1424.3
40°	1571.6	1344.0	1013.4	1120.4	1047.8	1042.0	1229.3	1334.5	1321.1	1319.2	1367.0
42.5°	1504.6	1215.9	913.9	1011.4	990.4	982.8	1164.3	1269.5	1244.6	1250.4	1311.5
45°	1432.0	1181.5	837.5	854.7	931.1	925.4	1093.7	1194.9	1177.7	1193.0	1256.1
47.5°	1359.3	1112.8	812.6	709.4	868.0	866.1	1015.3	1122.3	1112.8	1128.1	1194.9
50°	1259.9	1036.3	810.7	608.0	797.3	805.0	921.6	1051.6	1051.6	1065.0	1135.7
52.5°	1131.9	942.6	736.1	550.7	715.1	738.0	839.4	990.4	994.2	1007.6	1070.7
55°	1015.3	845.1	682.6	506.7	617.6	667.3	759.1	927.3	935.0	948.4	1005.7
57.5°	908.2	703.6	671.1	455.1	527.7	575.5	688.3	866.1	870.0	881.4	936.9
60°	793.5	508.6	615.7	399.6	449.3	485.6	623.3	793.5	806.9	814.5	862.3
62.5°	663.5	369.0	558.3	361.4	411.1	418.7	569.8	724.6	741.9	747.6	776.3
65°	472.3	309.7	474.2	328.9	370.9	372.8	512.4	653.9	669.2	678.8	699.8
67.5°	319.3	252.4	361.4	298.3	340.3	342.2	457.0	571.7	592.7	600.4	613.8
70°	221.8	168.3	267.7	265.8	305.9	309.7	397.7	497.1	516.2	522.0	529.6
72.5°	162.5	135.8	221.8	239.0	269.6	273.4	336.5	413.0	432.1	437.8	441.7
75°	124.3	143.4	179.7	208.4	229.4	231.4	275.3	336.5	349.9	353.7	355.6
77.5°	99.4	133.8	131.9	168.3	187.4	183.6	216.1	260.0	271.5	271.5	271.5
80°	74.6	105.2	99.4	120.5	137.7	133.8	154.9	185.5	189.3	193.1	191.2
82.5°	55.4	66.9	66.9	76.5	91.8	88.0	103.2	120.5	120.5	120.5	124.3
85°	34.4	38.2	30.6	40.2	51.6	49.7	57.4	65.0	66.9	66.9	63.1
87.5°	21.0	17.2	9.6	15.3	22.9	22.9	26.8	28.7	26.8	26.8	26.8
90°	5.0	3.4	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7
92.5°	33.7	20.6	7.6	20.6	33.7	37.0	52.0	72.0	81.9	71.8	51.6
95°	66.1	42.2	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.2
97.5°	73.8	52.9	31.8	52.9	73.8	79.1	172.2	296.4	358.5	342.2	309.6
100°	80.2	61.2	42.2	61.2	80.2	85.0	188.3	326.1	395.0	396.3	398.7
102.5°	86.5	68.7	51.0	68.7	86.5	90.9	195.8	335.6	405.4	426.2	467.7
105°	96.1	81.0	65.9	81.0	96.1	99.8	201.3	336.6	404.3	450.8	544.0
107.5°	109.3	95.2	81.2	95.2	109.3	112.8	202.3	321.6	381.3	446.2	576.1
110°	116.9	104.2	91.6	104.2	116.9	120.1	200.8	308.3	362.1	434.7	579.9



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	125.8	113.8	101.7	113.8	125.8	128.9	200.9	296.7	344.7	419.0	567.6
115°	139.3	128.1	117.0	128.1	139.3	142.1	202.7	283.5	323.8	395.4	538.6
117.5°	152.4	142.3	132.1	142.3	152.4	155.0	206.5	275.1	309.5	374.1	503.2
120°	160.0	150.5	140.9	150.5	160.0	162.4	209.6	272.4	303.7	362.7	480.8
122.5°	168.8	159.2	149.5	159.2	168.8	171.2	214.0	270.8	299.3	352.5	458.8
125°	180.3	171.6	162.8	171.6	180.3	182.5	219.9	269.7	294.5	339.7	430.0
127.5°	191.2	182.3	173.5	182.3	191.2	193.4	225.8	268.9	290.5	329.3	406.9
130°	198.3	188.8	179.2	188.8	198.3	200.7	230.1	269.4	289.0	323.5	392.5
132.5°	204.2	194.7	185.2	194.7	204.2	206.6	233.6	269.7	287.7	318.5	380.3
135°	211.4	202.7	194.0	202.7	211.4	213.6	237.5	269.4	285.4	311.3	363.0
137.5°	220.2	211.6	203.0	211.6	220.2	222.4	243.2	271.0	285.0	306.9	350.6
140°	226.3	218.4	210.4	218.4	226.3	228.3	246.7	271.3	283.6	302.6	340.3
142.5°	230.9	223.5	216.2	223.5	230.9	232.7	249.7	272.4	283.6	300.3	333.5
145°	237.8	231.4	225.0	231.4	237.8	239.4	253.5	272.4	281.7	295.3	322.5
147.5°	246.3	240.1	233.8	240.1	246.3	247.8	259.1	274.2	281.7	292.4	313.8
150°	250.8	245.2	239.6	245.2	250.8	252.2	262.0	275.1	281.7	290.7	308.8
152.5°	254.0	249.7	245.5	249.7	254.0	255.1	264.0	275.8	281.7	289.4	304.8
155°	260.6	257.5	254.3	257.5	260.6	261.4	268.2	277.2	281.7	287.9	300.1
157.5°	266.9	263.9	260.8	263.9	266.9	267.7	272.4	278.6	281.7	286.5	296.0
160°	270.0	267.6	265.2	267.6	270.0	270.5	274.3	279.2	281.7	285.8	294.0
162.5°	273.1	271.4	269.6	271.4	273.1	273.6	276.3	279.9	281.7	285.2	292.1
165°	277.7	276.1	274.5	276.1	277.7	278.1	279.3	281.0	281.7	284.2	289.1
167.5°	280.4	279.6	278.9	279.6	280.4	280.6	281.6	283.0	283.6	285.3	288.5
170°	283.3	282.5	281.7	282.5	283.3	283.5	283.5	283.6	283.6	285.3	288.5
172.5°	283.6	283.5	283.3	283.5	283.6	283.6	283.6	283.6	283.6	284.9	287.5
175°	285.4	285.4	285.4	285.4	285.4	285.4	284.8	284.0	283.6	284.4	286.0
177.5°	285.4	285.4	285.4	285.4	285.4	285.4	284.9	284.3	284.0	284.7	285.9
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P933912  
 CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1950.1	1944.4	1952.1	1931.0	1952.1	1944.4	1950.1	1963.5	1952.1	1959.7	1967.4
5°	1711.1	1701.6	1671.0	1646.1	1671.0	1701.6	1711.1	1751.3	1770.4	1804.8	1850.7
7.5°	1529.5	1521.9	1514.2	1498.9	1514.2	1521.9	1529.5	1541.0	1560.1	1590.7	1625.1
10°	1489.4	1491.3	1502.7	1500.8	1502.7	1491.3	1489.4	1485.5	1479.8	1485.5	1506.6
12.5°	1592.6	1609.8	1672.9	1669.1	1672.9	1609.8	1592.6	1516.1	1464.5	1454.9	1458.8
15°	1711.1	1716.9	1730.3	1732.2	1730.3	1716.9	1711.1	1680.6	1525.7	1458.8	1437.7
17.5°	1722.6	1724.5	1734.1	1734.1	1734.1	1724.5	1722.6	1709.2	1657.6	1567.7	1449.2
20°	1713.1	1716.9	1736.0	1739.8	1736.0	1716.9	1713.1	1695.8	1667.2	1634.7	1544.8
22.5°	1709.2	1716.9	1732.2	1730.3	1732.2	1716.9	1709.2	1682.5	1657.6	1634.7	1598.3
25°	1690.1	1690.1	1692.0	1693.9	1692.0	1690.1	1690.1	1669.1	1619.4	1613.6	1592.6
27.5°	1650.0	1653.8	1665.3	1663.3	1665.3	1653.8	1650.0	1642.3	1588.8	1583.0	1567.7
30°	1613.6	1609.8	1600.2	1592.6	1600.2	1609.8	1613.6	1602.2	1548.6	1533.3	1537.2
32.5°	1552.4	1542.9	1533.3	1527.6	1533.3	1542.9	1552.4	1548.6	1508.5	1487.4	1491.3
35°	1479.8	1481.7	1479.8	1474.1	1479.8	1481.7	1479.8	1483.6	1458.8	1439.6	1437.7
37.5°	1428.2	1432.0	1430.1	1422.4	1430.1	1432.0	1428.2	1424.3	1389.9	1384.2	1388.0
40°	1374.6	1376.5	1374.6	1368.9	1374.6	1376.5	1374.6	1367.0	1319.2	1321.1	1334.5
42.5°	1323.0	1321.1	1315.4	1311.5	1315.4	1321.1	1323.0	1311.5	1250.4	1244.6	1269.5
45°	1263.7	1265.6	1254.2	1248.4	1254.2	1265.6	1263.7	1256.1	1193.0	1177.7	1194.9
47.5°	1204.5	1204.5	1194.9	1189.2	1194.9	1204.5	1204.5	1194.9	1128.1	1112.8	1122.3
50°	1141.4	1139.6	1126.2	1124.3	1126.2	1139.6	1141.4	1135.7	1065.0	1051.6	1051.6
52.5°	1068.8	1068.8	1070.7	1074.5	1070.7	1068.8	1068.8	1070.7	1007.6	994.2	990.4
55°	1005.7	1007.6	1021.0	1024.8	1021.0	1007.6	1005.7	1005.7	948.4	935.0	927.3
57.5°	940.7	940.7	950.3	950.3	950.3	940.7	940.7	936.9	881.4	870.0	866.1
60°	866.1	870.0	877.6	875.7	877.6	870.0	866.1	862.3	814.5	806.9	793.5
62.5°	787.7	791.6	793.5	789.7	793.5	791.6	787.7	776.3	747.6	741.9	724.6
65°	705.5	709.4	711.3	707.4	711.3	709.4	705.5	699.8	678.8	669.2	653.9
67.5°	621.4	619.5	617.6	625.2	617.6	619.5	621.4	613.8	600.4	592.7	571.7
70°	535.4	535.4	533.4	537.3	533.4	535.4	535.4	529.6	522.0	516.2	497.1
72.5°	443.6	441.7	449.3	443.6	449.3	441.7	443.6	441.7	437.8	432.1	413.0
75°	353.7	357.5	353.7	359.5	353.7	357.5	353.7	355.6	353.7	349.9	336.5
77.5°	269.6	273.4	269.6	269.6	269.6	273.4	269.6	271.5	271.5	271.5	260.0
80°	191.2	189.3	189.3	187.4	189.3	189.3	191.2	191.2	193.1	189.3	185.5
82.5°	122.4	120.5	120.5	124.3	120.5	120.5	122.4	124.3	120.5	120.5	120.5
85°	66.9	68.8	65.0	65.0	65.0	68.8	66.9	63.1	66.9	66.9	65.0
87.5°	24.9	22.9	22.9	22.9	22.9	22.9	24.9	26.8	26.8	26.8	28.7
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5
92.5°	36.4	35.0	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0
95°	123.5	119.1	101.6	84.0	101.6	119.1	123.5	162.2	213.8	239.6	202.3
97.5°	285.2	276.9	243.4	210.0	243.4	276.9	285.2	309.6	342.2	358.5	296.4
100°	400.5	390.5	350.8	311.0	350.8	390.5	400.5	398.7	396.3	395.0	326.1
102.5°	498.8	490.3	456.3	422.3	456.3	490.3	498.8	467.7	426.2	405.4	335.6
105°	613.8	609.2	590.9	572.5	590.9	609.2	613.8	544.0	450.8	404.3	336.6
107.5°	673.5	674.6	679.0	683.4	679.0	674.6	673.5	576.1	446.2	381.3	321.6
110°	688.8	693.6	712.6	731.7	712.6	693.6	688.8	579.9	434.7	362.1	308.3



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	679.0	686.4	715.7	744.9	715.7	686.4	679.0	567.6	419.0	344.7	296.7
115°	646.0	656.1	696.7	737.3	696.7	656.1	646.0	538.6	395.4	323.8	283.5
117.5°	600.2	611.5	656.5	701.5	656.5	611.5	600.2	503.2	374.1	309.5	275.1
120°	569.3	580.2	624.0	667.8	624.0	580.2	569.3	480.8	362.7	303.7	272.4
122.5°	538.5	549.3	592.4	635.5	592.4	549.3	538.5	458.8	352.5	299.3	270.8
125°	497.7	507.6	547.4	587.2	547.4	507.6	497.7	430.0	339.7	294.5	269.7
127.5°	465.0	473.4	506.9	540.4	506.9	473.4	465.0	406.9	329.3	290.5	268.9
130°	444.3	452.0	483.0	513.9	483.0	452.0	444.3	392.5	323.5	289.0	269.4
132.5°	426.7	433.6	461.4	489.1	461.4	433.6	426.7	380.3	318.5	287.7	269.7
135°	401.8	407.7	431.6	455.5	431.6	407.7	401.8	363.0	311.3	285.4	269.4
137.5°	383.4	388.2	407.8	427.4	407.8	388.2	383.4	350.6	306.9	285.0	271.0
140°	368.6	373.2	391.5	409.8	391.5	373.2	368.6	340.3	302.6	283.6	271.3
142.5°	358.3	362.2	378.0	393.7	378.0	362.2	358.3	333.5	300.3	283.6	272.4
145°	342.8	345.8	357.7	369.6	357.7	345.8	342.8	322.5	295.3	281.7	272.4
147.5°	329.7	332.2	342.1	352.0	342.1	332.2	329.7	313.8	292.4	281.7	274.2
150°	322.3	324.3	332.3	340.3	332.3	324.3	322.3	308.8	290.7	281.7	275.1
152.5°	316.3	317.9	323.9	329.9	323.9	317.9	316.3	304.8	289.4	281.7	275.8
155°	309.3	310.2	314.2	318.3	314.2	310.2	309.3	300.1	287.9	281.7	277.2
157.5°	303.1	303.8	306.7	309.5	306.7	303.8	303.1	296.0	286.5	281.7	278.6
160°	300.1	300.5	302.1	303.7	302.1	300.5	300.1	294.0	285.8	281.7	279.2
162.5°	297.2	297.6	299.1	300.7	299.1	297.6	297.2	292.1	285.2	281.7	279.9
165°	292.8	293.2	294.8	296.5	294.8	293.2	292.8	289.1	284.2	281.7	281.0
167.5°	290.9	291.1	291.8	292.4	291.8	291.1	290.9	288.5	285.3	283.6	283.0
170°	290.9	290.9	290.9	290.9	290.9	290.9	290.9	288.5	285.3	283.6	283.6
172.5°	289.4	289.2	288.6	288.0	288.6	289.2	289.4	287.5	284.9	283.6	283.6
175°	287.3	287.3	287.3	287.3	287.3	287.3	287.3	286.0	284.4	283.6	284.0
177.5°	286.9	286.7	286.0	285.4	286.0	286.7	286.9	285.9	284.7	284.0	284.3
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1996.0	2005.6	2011.3	2019.0	2038.1
5°	1919.6	1955.9	1967.4	1996.0	2030.4
7.5°	1751.3	1862.2	1892.8	1961.6	2015.2
10°	1588.8	1699.7	1753.2	1915.7	1996.0
12.5°	1506.6	1571.6	1607.9	1835.4	1969.3
15°	1454.9	1500.8	1527.6	1728.4	1938.7
17.5°	1414.8	1447.3	1466.4	1623.2	1896.6
20°	1389.9	1405.2	1422.4	1546.7	1848.8
22.5°	1372.7	1363.2	1376.5	1493.2	1783.8
25°	1361.2	1324.9	1340.2	1451.1	1707.3
27.5°	1370.8	1290.5	1296.2	1412.9	1627.0
30°	1372.7	1248.4	1250.4	1372.7	1537.2
32.5°	1359.3	1204.5	1206.4	1323.0	1435.8
35°	1326.8	1152.8	1150.9	1265.6	1298.2
37.5°	1282.9	1097.5	1097.5	1202.6	1147.1
40°	1229.3	1042.0	1047.8	1120.4	1013.4
42.5°	1164.3	982.8	990.4	1011.4	913.9
45°	1093.7	925.4	931.1	854.7	837.5
47.5°	1015.3	866.1	868.0	709.4	812.6
50°	921.6	805.0	797.3	608.0	810.7
52.5°	839.4	738.0	715.1	550.7	736.1
55°	759.1	667.3	617.6	506.7	682.6
57.5°	688.3	575.5	527.7	455.1	671.1
60°	623.3	485.6	449.3	399.6	615.7
62.5°	569.8	418.7	411.1	361.4	558.3
65°	512.4	372.8	370.9	328.9	474.2
67.5°	457.0	342.2	340.3	298.3	361.4
70°	397.7	309.7	305.9	265.8	267.7
72.5°	336.5	273.4	269.6	239.0	221.8
75°	275.3	231.4	229.4	208.4	179.7
77.5°	216.1	183.6	187.4	168.3	131.9
80°	154.9	133.8	137.7	120.5	99.4
82.5°	103.2	88.0	91.8	76.5	66.9
85°	57.4	49.7	51.6	40.2	30.6
87.5°	26.8	22.9	22.9	15.3	9.6
90°	8.4	5.4	5.0	3.4	1.9
92.5°	52.0	37.0	33.7	20.6	7.6
95°	127.8	72.0	66.1	42.2	18.4
97.5°	172.2	79.1	73.8	52.9	31.8
100°	188.3	85.0	80.2	61.2	42.2
102.5°	195.8	90.9	86.5	68.7	51.0
105°	201.3	99.8	96.1	81.0	65.9
107.5°	202.3	112.8	109.3	95.2	81.2
110°	200.8	120.1	116.9	104.2	91.6



TEST NUMBER: P933912

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	200.9	128.9	125.8	113.8	101.7
115°	202.7	142.1	139.3	128.1	117.0
117.5°	206.5	155.0	152.4	142.3	132.1
120°	209.6	162.4	160.0	150.5	140.9
122.5°	214.0	171.2	168.8	159.2	149.5
125°	219.9	182.5	180.3	171.6	162.8
127.5°	225.8	193.4	191.2	182.3	173.5
130°	230.1	200.7	198.3	188.8	179.2
132.5°	233.6	206.6	204.2	194.7	185.2
135°	237.5	213.6	211.4	202.7	194.0
137.5°	243.2	222.4	220.2	211.6	203.0
140°	246.7	228.3	226.3	218.4	210.4
142.5°	249.7	232.7	230.9	223.5	216.2
145°	253.5	239.4	237.8	231.4	225.0
147.5°	259.1	247.8	246.3	240.1	233.8
150°	262.0	252.2	250.8	245.2	239.6
152.5°	264.0	255.1	254.0	249.7	245.5
155°	268.2	261.4	260.6	257.5	254.3
157.5°	272.4	267.7	266.9	263.9	260.8
160°	274.3	270.5	270.0	267.6	265.2
162.5°	276.3	273.6	273.1	271.4	269.6
165°	279.3	278.1	277.7	276.1	274.5
167.5°	281.6	280.6	280.4	279.6	278.9
170°	283.5	283.5	283.3	282.5	281.7
172.5°	283.6	283.6	283.6	283.5	283.3
175°	284.8	285.4	285.4	285.4	285.4
177.5°	284.9	285.4	285.4	285.4	285.4
180°	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P933912  
 CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-8

**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	14.55	15.68	15.27	16.42	17.30	17.39	18.51	18.11	19.25	20.14
	3H	15.05	16.06	15.78	16.81	17.72	18.75	19.77	19.49	20.52	21.43
	4H	15.25	16.20	16.00	16.96	17.89	19.21	20.17	19.97	20.93	21.85
	6H	15.38	16.26	16.15	17.03	17.97	19.51	20.39	20.28	21.16	22.10
	8H	15.39	16.23	16.17	17.02	17.96	19.60	20.44	20.37	21.22	22.17
	12H	15.37	16.17	16.15	16.95	17.92	19.64	20.45	20.43	21.23	22.20
4H	2H	15.62	16.57	16.37	17.33	18.26	17.83	18.78	18.58	19.54	20.47
	3H	16.67	17.46	17.44	18.26	19.20	19.36	20.16	20.13	20.95	21.90
	4H	16.95	17.68	17.74	18.47	19.45	19.90	20.62	20.68	21.42	22.39
	6H	17.09	17.72	17.90	18.54	19.52	20.28	20.91	21.08	21.73	22.71
	8H	17.11	17.69	17.91	18.51	19.50	20.40	20.98	21.20	21.80	22.79
	12H	17.09	17.61	17.91	18.45	19.45	20.47	20.99	21.29	21.83	22.83
8H	4H	17.43	18.01	18.24	18.83	19.82	20.05	20.63	20.85	21.45	22.44
	6H	17.70	18.19	18.54	19.05	20.04	20.50	20.98	21.33	21.84	22.83
	8H	17.75	18.18	18.59	19.03	20.04	20.65	21.08	21.50	21.94	22.95
	12H	17.74	18.12	18.59	18.97	20.04	20.76	21.14	21.61	21.99	23.05
12H	4H	17.45	17.97	18.27	18.81	19.81	20.02	20.55	20.85	21.39	22.39
	6H	17.77	18.20	18.61	19.05	20.06	20.49	20.93	21.34	21.78	22.79
	8H	17.84	18.22	18.69	19.07	20.14	20.67	21.05	21.52	21.90	22.96