

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: P934887

Luminaire Tested: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934887
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-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

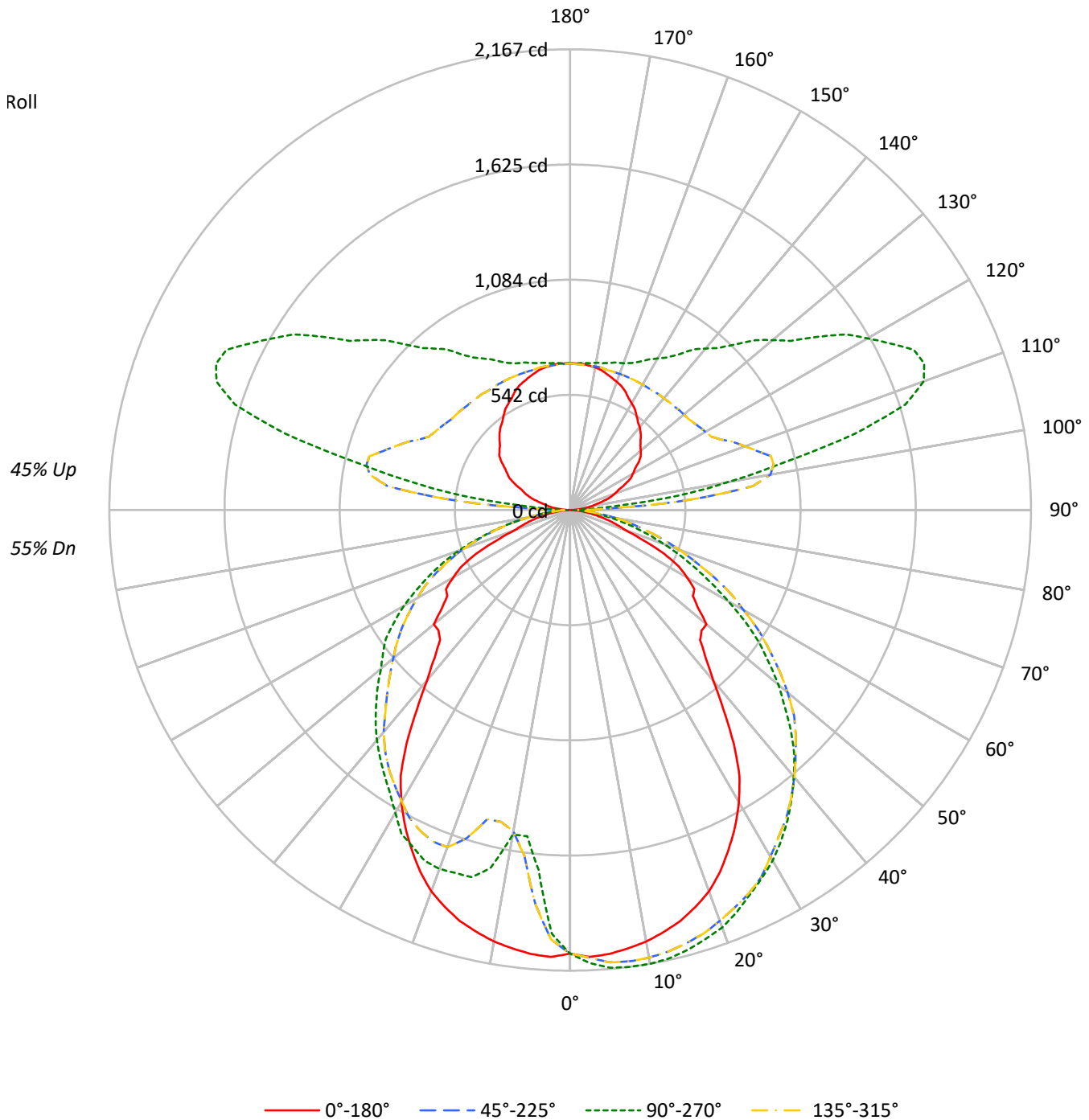
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9885.3 lumens
Efficiency: N/A
Efficacy: 128.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 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	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°	12906	12906	12906	12906
5°	12997	13028	12997	10244
10°	12906	12833	12906	9175
15°	12761	12555	12761	10484
20°	12489	12226	12489	10506
25°	11937	11746	11937	10283
30°	11227	11347	11227	9794
35°	10004	10841	10004	9257
40°	8331	10248	8331	8851
45°	7439	9553	7439	8384
50°	7896	8724	7896	7916
55°	7424	7830	7424	7646
60°	7642	6651	7642	7002
65°	6918	5497	6918	6145
70°	4779	4381	4779	5151
75°	4176	3239	4176	3879
80°	3339	2142	3339	2331
85°	1884	1135	1884	964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11410 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.3	1.9
10°-20°	534.7	5.4
20°-30°	826.5	8.4
30°-40°	986.7	10.0
40°-50°	992.5	10.0
50°-60°	863.6	8.7
60°-70°	612.3	6.2
70°-80°	323.9	3.3
80°-90°	83.3	0.8
90°-100°	336.4	3.4
100°-110°	884.4	8.9
110°-120°	917.0	9.3
120°-130°	735.5	7.4
130°-140°	577.1	5.8
140°-150°	443.0	4.5
150°-160°	319.0	3.2
160°-170°	195.2	2.0
170°-180°	65.9	0.7
0°-30°	1549.6	15.7
0°-40°	2536.3	25.7
0°-60°	4392.4	44.4
0°-90°	5411.9	54.7
90°-120°	2137.7	21.6
90°-150°	3893.3	39.4
90°-180°	4473.0	45.2
0°-180°	9885.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2086	2086	2086	2086	2086	
5°	2096	2161	2096	1699	2096	199
15°	2001	2142	2001	1788	2001	563
25°	1762	1998	1762	1749	1762	809
35°	1340	1782	1340	1522	1340	829
45°	864	1468	864	1289	864	692
55°	705	1084	705	1058	705	647
65°	490	653	490	730	490	468
75°	186	310	186	371	186	195
85°	32	79	32	67	32	43
90°	5	18	5	18	5	5
95°	44	203	44	203	44	49
105°	159	1385	159	1385	159	169
115°	283	1783	283	1783	283	279
125°	394	1420	394	1420	394	349
135°	469	1102	469	1102	469	363
145°	544	894	544	894	544	341
155°	615	770	615	770	615	283
165°	664	717	664	717	664	187
175°	690	695	690	695	690	66
180°	690	690	690	690	690	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2104.0	2104.0	2115.9	2119.8	2119.8	2113.9	2107.9	2113.9	2131.6	2137.6	2135.6
5°	2096.1	2111.9	2133.6	2137.6	2141.5	2139.5	2135.6	2139.5	2159.2	2163.2	2165.2
7.5°	2080.3	2109.9	2137.6	2143.5	2149.4	2143.5	2141.5	2145.5	2165.2	2169.2	2169.2
10°	2060.6	2102.1	2133.6	2137.6	2143.5	2137.6	2137.6	2145.5	2165.2	2169.2	2171.1
12.5°	2032.9	2090.2	2119.8	2123.8	2131.6	2129.6	2127.7	2135.6	2155.3	2159.2	2159.2
15°	2001.4	2068.5	2096.1	2100.1	2113.9	2109.9	2109.9	2117.8	2139.5	2145.5	2143.5
17.5°	1957.9	2040.8	2072.5	2078.4	2088.2	2086.2	2088.2	2096.1	2115.9	2119.8	2121.8
20°	1908.6	2003.4	2040.8	2046.8	2056.6	2056.6	2056.6	2066.5	2086.2	2094.2	2094.2
22.5°	1841.5	1963.9	2003.4	2007.3	2019.2	2019.2	2023.1	2036.9	2054.6	2056.6	2056.6
25°	1762.5	1920.5	1954.1	1965.8	1977.7	1983.6	1989.5	1997.5	2003.4	2001.4	2003.4
27.5°	1679.7	1865.2	1908.6	1916.5	1932.3	1938.2	1946.1	1948.1	1950.1	1955.9	1952.1
30°	1586.9	1788.2	1853.4	1861.2	1886.9	1890.8	1882.9	1886.9	1896.8	1900.8	1904.7
32.5°	1482.2	1673.8	1796.1	1813.9	1837.5	1825.7	1823.8	1829.7	1845.5	1845.5	1849.4
35°	1340.2	1584.9	1742.8	1758.6	1776.4	1762.5	1770.5	1772.4	1782.2	1788.2	1786.2
37.5°	1184.2	1507.9	1687.5	1699.4	1713.2	1695.5	1707.2	1713.2	1721.1	1717.2	1717.2
40°	1046.1	1387.5	1622.4	1630.4	1642.2	1628.4	1640.2	1644.1	1648.1	1644.1	1642.2
42.5°	943.4	1255.3	1553.4	1563.2	1555.4	1565.2	1569.1	1577.1	1571.1	1563.2	1563.2
45°	864.5	1219.8	1478.4	1490.2	1478.4	1494.1	1500.1	1500.1	1482.2	1478.4	1476.4
47.5°	838.8	1148.7	1403.4	1403.4	1397.4	1417.1	1427.0	1413.2	1395.4	1389.5	1389.5
50°	836.8	1069.8	1300.7	1292.8	1320.4	1344.1	1334.2	1320.4	1306.7	1284.9	1284.9
52.5°	759.8	973.1	1168.4	1198.1	1241.5	1255.3	1239.5	1225.7	1202.0	1192.1	1184.2
55°	704.7	872.4	1048.1	1107.3	1152.7	1170.4	1140.8	1127.0	1091.5	1085.5	1081.7
57.5°	692.8	726.4	937.5	1012.5	1067.8	1065.8	1048.1	1022.4	992.8	986.8	984.9
60°	635.5	525.0	819.1	908.0	965.1	959.2	943.4	919.8	892.1	888.2	884.2
62.5°	576.3	381.0	684.8	785.5	866.5	864.5	850.7	815.1	795.4	785.5	777.7
65°	489.5	319.7	487.5	653.3	769.8	773.7	744.1	718.4	696.7	684.8	683.0
67.5°	373.0	260.6	329.6	544.7	677.0	673.1	635.5	623.7	596.1	590.1	578.3
70°	276.3	173.7	229.0	442.1	586.2	576.3	546.7	533.0	507.3	493.4	485.6
72.5°	229.0	140.1	167.7	343.4	493.4	481.6	456.0	440.1	418.4	406.6	398.7
75°	185.6	148.0	128.3	254.6	400.7	392.8	369.1	353.3	335.6	319.7	321.7
77.5°	136.2	138.1	102.6	187.5	317.7	306.0	292.1	272.4	264.4	248.7	248.7
80°	102.6	108.6	77.0	128.3	229.0	229.0	217.1	203.3	189.4	181.6	181.6
82.5°	69.1	69.1	57.3	80.9	156.0	150.0	142.1	138.1	130.3	126.3	126.3
85°	31.6	39.4	35.6	49.3	84.9	88.8	88.8	84.9	82.9	79.0	80.9
87.5°	9.9	17.7	21.7	27.6	43.4	45.4	47.4	47.4	47.4	49.3	49.3
90°	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5	17.6	17.6
92.5°	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7	87.9	84.5
95°	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2	298.7	288.1
97.5°	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8	689.6	669.4
100°	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1	968.4	944.4
102.5°	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2	1206.5	1185.8
105°	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4	1484.3	1473.3
107.5°	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3	1628.9	1631.5
110°	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6	1665.9	1677.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7	1642.2	1659.9
115°	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5	1562.1	1586.6
117.5°	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1	1451.5	1478.7
120°	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7	1376.9	1403.4
122.5°	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4	1302.3	1328.4
125°	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9	1203.7	1227.7
127.5°	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8	1124.5	1144.8
130°	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3	1074.5	1093.2
132.5°	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8	1031.9	1048.6
135°	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8	971.6	986.0
137.5°	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8	927.2	939.0
140°	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0	891.5	902.6
142.5°	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3	866.5	876.1
145°	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8	829.0	836.1
147.5°	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8	797.5	803.5
150°	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7	779.5	784.4
152.5°	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1	765.1	768.8
155°	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8	748.0	750.4
157.5°	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8	733.2	734.8
160°	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8	725.7	726.7
162.5°	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3	718.8	719.7
165°	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2	708.2	709.2
167.5°	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6	703.5	703.9
170°	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6	703.5	703.5
172.5°	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1	699.8	699.4
175°	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7	694.7	694.7
177.5°	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5	693.8	693.4
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2139.5	2133.6	2139.5	2135.6	2137.6	2131.6	2113.9	2107.9	2113.9	2119.8	2119.8
5°	2165.2	2161.2	2165.2	2165.2	2163.2	2159.2	2139.5	2135.6	2139.5	2141.5	2137.6
7.5°	2173.1	2167.2	2173.1	2169.2	2169.2	2165.2	2145.5	2141.5	2143.5	2149.4	2143.5
10°	2173.1	2167.2	2173.1	2171.1	2169.2	2165.2	2145.5	2137.6	2137.6	2143.5	2137.6
12.5°	2163.2	2159.2	2163.2	2159.2	2159.2	2155.3	2135.6	2127.7	2129.6	2131.6	2123.8
15°	2147.5	2141.5	2147.5	2143.5	2145.5	2139.5	2117.8	2109.9	2109.9	2113.9	2100.1
17.5°	2123.8	2115.9	2123.8	2121.8	2119.8	2115.9	2096.1	2088.2	2086.2	2088.2	2078.4
20°	2096.1	2090.2	2096.1	2094.2	2094.2	2086.2	2066.5	2056.6	2056.6	2056.6	2046.8
22.5°	2052.7	2046.8	2052.7	2056.6	2056.6	2054.6	2036.9	2023.1	2019.2	2019.2	2007.3
25°	2003.4	1997.5	2003.4	2003.4	2001.4	2003.4	1997.5	1989.5	1983.6	1977.7	1965.8
27.5°	1955.9	1952.1	1955.9	1952.1	1955.9	1950.1	1948.1	1946.1	1938.2	1932.3	1916.5
30°	1908.6	1904.7	1908.6	1904.7	1900.8	1896.8	1886.9	1882.9	1890.8	1886.9	1861.2
32.5°	1849.4	1845.5	1849.4	1849.4	1845.5	1845.5	1829.7	1823.8	1825.7	1837.5	1813.9
35°	1788.2	1782.2	1788.2	1786.2	1788.2	1782.2	1772.4	1770.5	1762.5	1776.4	1758.6
37.5°	1717.2	1711.2	1717.2	1717.2	1717.2	1721.1	1713.2	1707.2	1695.5	1713.2	1699.4
40°	1644.1	1636.2	1644.1	1642.2	1644.1	1648.1	1644.1	1640.2	1628.4	1642.2	1630.4
42.5°	1561.2	1559.2	1561.2	1563.2	1563.2	1571.1	1577.1	1569.1	1565.2	1555.4	1563.2
45°	1472.4	1468.5	1472.4	1476.4	1478.4	1482.2	1500.1	1500.1	1494.1	1478.4	1490.2
47.5°	1377.7	1367.8	1377.7	1389.5	1389.5	1395.4	1413.2	1427.0	1417.1	1397.4	1403.4
50°	1277.0	1279.0	1277.0	1284.9	1284.9	1306.7	1320.4	1334.2	1344.1	1320.4	1292.8
52.5°	1178.4	1176.4	1178.4	1184.2	1192.1	1202.0	1225.7	1239.5	1255.3	1241.5	1198.1
55°	1079.7	1083.5	1079.7	1081.7	1085.5	1091.5	1127.0	1140.8	1170.4	1152.7	1107.3
57.5°	981.0	975.0	981.0	984.9	986.8	992.8	1022.4	1048.1	1065.8	1067.8	1012.5
60°	866.5	858.6	866.5	884.2	888.2	892.1	919.8	943.4	959.2	965.1	908.0
62.5°	765.8	752.0	765.8	777.7	785.5	795.4	815.1	850.7	864.5	866.5	785.5
65°	659.3	653.3	659.3	683.0	684.8	696.7	718.4	744.1	773.7	769.8	653.3
67.5°	562.5	562.5	562.5	578.3	590.1	596.1	623.7	635.5	673.1	677.0	544.7
70°	473.7	471.7	473.7	485.6	493.4	507.3	533.0	546.7	576.3	586.2	442.1
72.5°	388.8	386.8	388.8	398.7	406.6	418.4	440.1	456.0	481.6	493.4	343.4
75°	313.8	309.9	313.8	321.7	319.7	335.6	353.3	369.1	392.8	400.7	254.6
77.5°	240.8	240.8	240.8	248.7	248.7	264.4	272.4	292.1	306.0	317.7	187.5
80°	179.6	177.7	179.6	181.6	181.6	189.4	203.3	217.1	229.0	229.0	128.3
82.5°	126.3	122.4	126.3	126.3	126.3	130.3	138.1	142.1	150.0	156.0	80.9
85°	79.0	79.0	79.0	80.9	79.0	82.9	84.9	88.8	88.8	84.9	49.3
87.5°	51.3	49.3	51.3	49.3	49.3	47.4	47.4	47.4	45.4	43.4	27.6
90°	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2	20.3	12.9
92.5°	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0	125.6	89.3
95°	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3	309.2	174.1
97.5°	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8	416.5	191.2
100°	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8	455.6	205.7
102.5°	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4	473.5	220.0
105°	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0	486.7	241.3
107.5°	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8	489.2	272.8
110°	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7	485.5	290.3



TEST NUMBER: P934887

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6	485.6	311.6
115°	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4	490.1	343.6
117.5°	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3	499.3	374.7
120°	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6	506.7	392.7
122.5°	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1	517.3	414.0
125°	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1	531.7	441.3
127.5°	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4	546.0	467.7
130°	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5	556.6	485.4
132.5°	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1	565.0	499.7
135°	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5	574.3	516.4
137.5°	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5	588.1	537.6
140°	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2	596.7	552.1
142.5°	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5	603.8	562.7
145°	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6	613.0	578.9
147.5°	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0	626.6	599.3
150°	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4	633.8	610.0
152.5°	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9	638.3	616.9
155°	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3	648.5	632.2
157.5°	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8	658.8	647.5
160°	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3	663.3	654.4
162.5°	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0	668.3	661.8
165°	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3	675.4	672.5
167.5°	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3	681.0	678.5
170°	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7	685.5	685.4
172.5°	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7	688.6	690.0
177.5°	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5	688.9	690.0
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934887

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2115.9	2104.0	2104.0	2084.2	2076.4	2070.5	2060.6	2030.9	2023.1	2015.2	2027.1
5°	2133.6	2111.9	2096.1	2060.6	2030.9	2019.2	1981.6	1910.6	1863.2	1827.7	1807.9
7.5°	2137.6	2109.9	2080.3	2025.1	1954.1	1922.4	1807.9	1677.7	1642.2	1610.5	1590.8
10°	2133.6	2102.1	2060.6	1977.7	1809.9	1754.7	1640.2	1555.4	1533.6	1527.7	1533.6
12.5°	2119.8	2090.2	2032.9	1894.8	1659.9	1622.4	1555.4	1506.0	1502.1	1511.9	1565.2
15°	2096.1	2068.5	2001.4	1784.2	1577.1	1549.4	1502.1	1484.2	1506.0	1575.1	1734.9
17.5°	2072.5	2040.8	1957.9	1675.7	1513.8	1494.1	1460.5	1496.1	1618.5	1711.2	1764.5
20°	2040.8	2003.4	1908.6	1596.8	1468.5	1450.7	1434.9	1594.8	1687.5	1721.1	1750.7
22.5°	2003.4	1963.9	1841.5	1541.5	1421.1	1407.2	1417.1	1650.1	1687.5	1711.2	1736.9
25°	1954.1	1920.5	1762.5	1498.1	1383.6	1367.8	1405.4	1644.1	1665.8	1671.8	1723.1
27.5°	1908.6	1865.2	1679.7	1458.6	1338.2	1332.2	1415.2	1618.5	1634.2	1640.2	1695.5
30°	1853.4	1788.2	1586.9	1417.1	1290.8	1288.8	1417.1	1586.9	1582.9	1598.8	1654.0
32.5°	1796.1	1673.8	1482.2	1365.8	1245.4	1243.5	1403.4	1539.5	1535.5	1557.2	1598.8
35°	1742.8	1584.9	1340.2	1306.7	1188.2	1190.1	1369.8	1484.2	1486.2	1506.0	1531.6
37.5°	1687.5	1507.9	1184.2	1241.5	1133.0	1133.0	1324.4	1432.9	1429.0	1434.9	1470.4
40°	1622.4	1387.5	1046.1	1156.7	1081.7	1075.7	1269.1	1377.7	1363.8	1361.9	1411.2
42.5°	1553.4	1255.3	943.4	1044.1	1022.4	1014.5	1202.0	1310.5	1284.9	1290.8	1354.0
45°	1478.4	1219.8	864.5	882.3	961.2	955.3	1129.0	1233.5	1215.8	1231.7	1296.8
47.5°	1403.4	1148.7	838.8	732.3	896.1	894.1	1048.1	1158.5	1148.7	1164.5	1233.5
50°	1300.7	1069.8	836.8	627.7	823.1	831.0	951.4	1085.5	1085.5	1099.4	1172.4
52.5°	1168.4	973.1	759.8	568.4	738.1	761.8	866.5	1022.4	1026.4	1040.1	1105.3
55°	1048.1	872.4	704.7	523.0	637.5	688.8	783.6	957.3	965.1	979.0	1038.2
57.5°	937.5	726.4	692.8	469.7	544.7	594.1	710.5	894.1	898.1	909.9	967.1
60°	819.1	525.0	635.5	412.5	463.8	501.3	643.4	819.1	833.0	840.8	890.1
62.5°	684.8	381.0	576.3	373.0	424.4	432.3	588.1	748.1	765.8	771.7	801.4
65°	487.5	319.7	489.5	339.4	382.9	384.9	529.0	675.0	690.8	700.7	722.4
67.5°	329.6	260.6	373.0	307.9	351.3	353.3	471.7	590.1	611.8	619.7	633.6
70°	229.0	173.7	276.3	274.4	315.8	319.7	410.6	513.1	533.0	538.8	546.7
72.5°	167.7	140.1	229.0	246.7	278.3	282.3	347.4	426.3	446.1	452.0	456.0
75°	128.3	148.0	185.6	215.1	236.8	238.8	284.3	347.4	361.1	365.1	367.1
77.5°	102.6	138.1	136.2	173.7	193.4	189.4	223.0	268.4	280.3	280.3	280.3
80°	77.0	108.6	102.6	124.3	142.1	138.1	159.9	191.4	195.4	199.3	197.4
82.5°	57.3	69.1	69.1	79.0	94.7	90.8	106.6	124.3	124.3	124.3	128.3
85°	35.6	39.4	31.6	41.4	53.3	51.3	59.3	67.1	69.1	69.1	65.1
87.5°	21.7	17.7	9.9	15.8	23.7	23.7	27.6	29.6	27.6	27.6	27.6
90°	12.1	8.3	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5
92.5°	81.5	50.0	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7
95°	159.7	102.1	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2
97.5°	178.5	127.7	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8
100°	194.1	148.0	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1
102.5°	209.3	166.2	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2
105°	232.3	195.8	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4
107.5°	264.3	230.4	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3
110°	282.7	252.1	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6



TEST NUMBER: P934887

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	304.4	275.1	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7
115°	336.8	310.0	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5
117.5°	368.5	344.0	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1
120°	386.9	363.9	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7
122.5°	408.3	385.0	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4
125°	436.0	414.8	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9
127.5°	462.3	441.0	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8
130°	479.6	456.6	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3
132.5°	493.9	470.9	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8
135°	511.1	490.1	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8
137.5°	532.5	511.6	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8
140°	547.3	528.1	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0
142.5°	558.4	540.6	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3
145°	575.0	559.7	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8
147.5°	595.5	580.5	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8
150°	606.6	592.9	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7
152.5°	614.3	604.1	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1
155°	630.3	622.6	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8
157.5°	645.6	638.2	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8
160°	653.0	647.2	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8
162.5°	660.7	656.5	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3
165°	671.5	667.6	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2
167.5°	678.0	676.2	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6
170°	684.9	683.2	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6
172.5°	685.7	685.3	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1
175°	690.0	690.0	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7
177.5°	690.0	690.0	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934887

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2013.2	2007.3	2015.2	1993.5	2015.2	2007.3	2013.2	2027.1	2015.2	2023.1	2030.9
5°	1766.5	1756.6	1725.1	1699.4	1725.1	1756.6	1766.5	1807.9	1827.7	1863.2	1910.6
7.5°	1579.0	1571.1	1563.2	1547.4	1563.2	1571.1	1579.0	1590.8	1610.5	1642.2	1677.7
10°	1537.5	1539.5	1551.4	1549.4	1551.4	1539.5	1537.5	1533.6	1527.7	1533.6	1555.4
12.5°	1644.1	1661.9	1727.1	1723.1	1727.1	1661.9	1644.1	1565.2	1511.9	1502.1	1506.0
15°	1766.5	1772.4	1786.2	1788.2	1786.2	1772.4	1766.5	1734.9	1575.1	1506.0	1484.2
17.5°	1778.4	1780.4	1790.2	1790.2	1790.2	1780.4	1778.4	1764.5	1711.2	1618.5	1496.1
20°	1768.5	1772.4	1792.2	1796.1	1792.2	1772.4	1768.5	1750.7	1721.1	1687.5	1594.8
22.5°	1764.5	1772.4	1788.2	1786.2	1788.2	1772.4	1764.5	1736.9	1711.2	1687.5	1650.1
25°	1744.8	1744.8	1746.8	1748.8	1746.8	1744.8	1744.8	1723.1	1671.8	1665.8	1644.1
27.5°	1703.4	1707.2	1719.1	1717.2	1719.1	1707.2	1703.4	1695.5	1640.2	1634.2	1618.5
30°	1665.8	1661.9	1652.1	1644.1	1652.1	1661.9	1665.8	1654.0	1598.8	1582.9	1586.9
32.5°	1602.7	1592.8	1582.9	1577.1	1582.9	1592.8	1602.7	1598.8	1557.2	1535.5	1539.5
35°	1527.7	1529.7	1527.7	1521.8	1527.7	1529.7	1527.7	1531.6	1506.0	1486.2	1484.2
37.5°	1474.4	1478.4	1476.4	1468.5	1476.4	1478.4	1474.4	1470.4	1434.9	1429.0	1432.9
40°	1419.1	1421.1	1419.1	1413.2	1419.1	1421.1	1419.1	1411.2	1361.9	1363.8	1377.7
42.5°	1365.8	1363.8	1357.9	1354.0	1357.9	1363.8	1365.8	1354.0	1290.8	1284.9	1310.5
45°	1304.7	1306.7	1294.8	1288.8	1294.8	1306.7	1304.7	1296.8	1231.7	1215.8	1233.5
47.5°	1243.5	1243.5	1233.5	1227.7	1233.5	1243.5	1243.5	1233.5	1164.5	1148.7	1158.5
50°	1178.4	1176.4	1162.5	1160.5	1162.5	1176.4	1178.4	1172.4	1099.4	1085.5	1085.5
52.5°	1103.4	1103.4	1105.3	1109.2	1105.3	1103.4	1103.4	1105.3	1040.1	1026.4	1022.4
55°	1038.2	1040.1	1054.0	1058.0	1054.0	1040.1	1038.2	1038.2	979.0	965.1	957.3
57.5°	971.1	971.1	981.0	981.0	981.0	971.1	971.1	967.1	909.9	898.1	894.1
60°	894.1	898.1	906.0	904.0	906.0	898.1	894.1	890.1	840.8	833.0	819.1
62.5°	813.1	817.1	819.1	815.1	819.1	817.1	813.1	801.4	771.7	765.8	748.1
65°	728.3	732.3	734.3	730.3	734.3	732.3	728.3	722.4	700.7	690.8	675.0
67.5°	641.4	639.5	637.5	645.4	637.5	639.5	641.4	633.6	619.7	611.8	590.1
70°	552.7	552.7	550.7	554.6	550.7	552.7	552.7	546.7	538.8	533.0	513.1
72.5°	457.9	456.0	463.8	457.9	463.8	456.0	457.9	456.0	452.0	446.1	426.3
75°	365.1	369.1	365.1	371.1	365.1	369.1	365.1	367.1	365.1	361.1	347.4
77.5°	278.3	282.3	278.3	278.3	278.3	282.3	278.3	280.3	280.3	280.3	268.4
80°	197.4	195.4	195.4	193.4	195.4	195.4	197.4	197.4	199.3	195.4	191.4
82.5°	126.3	124.3	124.3	128.3	124.3	124.3	126.3	128.3	124.3	124.3	124.3
85°	69.1	71.0	67.1	67.1	67.1	71.0	69.1	65.1	69.1	69.1	67.1
87.5°	25.7	23.7	23.7	23.7	23.7	23.7	25.7	27.6	27.6	27.6	29.6
90°	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2
92.5°	87.9	84.5	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0
95°	298.7	288.1	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3
97.5°	689.6	669.4	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8
100°	968.4	944.4	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8
102.5°	1206.5	1185.8	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4
105°	1484.3	1473.3	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0
107.5°	1628.9	1631.5	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8
110°	1665.9	1677.5	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1642.2	1659.9	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6
115°	1562.1	1586.6	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4
117.5°	1451.5	1478.7	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3
120°	1376.9	1403.4	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6
122.5°	1302.3	1328.4	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1
125°	1203.7	1227.7	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1
127.5°	1124.5	1144.8	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4
130°	1074.5	1093.2	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5
132.5°	1031.9	1048.6	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1
135°	971.6	986.0	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5
137.5°	927.2	939.0	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5
140°	891.5	902.6	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2
142.5°	866.5	876.1	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5
145°	829.0	836.1	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6
147.5°	797.5	803.5	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0
150°	779.5	784.4	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4
152.5°	765.1	768.8	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9
155°	748.0	750.4	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3
157.5°	733.2	734.8	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8
160°	725.7	726.7	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3
162.5°	718.8	719.7	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0
165°	708.2	709.2	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3
167.5°	703.5	703.9	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3
170°	703.5	703.5	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7
172.5°	699.8	699.4	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7
177.5°	693.8	693.4	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2060.6	2070.5	2076.4	2084.2	2104.0
5°	1981.6	2019.2	2030.9	2060.6	2096.1
7.5°	1807.9	1922.4	1954.1	2025.1	2080.3
10°	1640.2	1754.7	1809.9	1977.7	2060.6
12.5°	1555.4	1622.4	1659.9	1894.8	2032.9
15°	1502.1	1549.4	1577.1	1784.2	2001.4
17.5°	1460.5	1494.1	1513.8	1675.7	1957.9
20°	1434.9	1450.7	1468.5	1596.8	1908.6
22.5°	1417.1	1407.2	1421.1	1541.5	1841.5
25°	1405.4	1367.8	1383.6	1498.1	1762.5
27.5°	1415.2	1332.2	1338.2	1458.6	1679.7
30°	1417.1	1288.8	1290.8	1417.1	1586.9
32.5°	1403.4	1243.5	1245.4	1365.8	1482.2
35°	1369.8	1190.1	1188.2	1306.7	1340.2
37.5°	1324.4	1133.0	1133.0	1241.5	1184.2
40°	1269.1	1075.7	1081.7	1156.7	1046.1
42.5°	1202.0	1014.5	1022.4	1044.1	943.4
45°	1129.0	955.3	961.2	882.3	864.5
47.5°	1048.1	894.1	896.1	732.3	838.8
50°	951.4	831.0	823.1	627.7	836.8
52.5°	866.5	761.8	738.1	568.4	759.8
55°	783.6	688.8	637.5	523.0	704.7
57.5°	710.5	594.1	544.7	469.7	692.8
60°	643.4	501.3	463.8	412.5	635.5
62.5°	588.1	432.3	424.4	373.0	576.3
65°	529.0	384.9	382.9	339.4	489.5
67.5°	471.7	353.3	351.3	307.9	373.0
70°	410.6	319.7	315.8	274.4	276.3
72.5°	347.4	282.3	278.3	246.7	229.0
75°	284.3	238.8	236.8	215.1	185.6
77.5°	223.0	189.4	193.4	173.7	136.2
80°	159.9	138.1	142.1	124.3	102.6
82.5°	106.6	90.8	94.7	79.0	69.1
85°	59.3	51.3	53.3	41.4	31.6
87.5°	27.6	23.7	23.7	15.8	9.9
90°	20.3	12.9	12.1	8.3	4.6
92.5°	125.6	89.3	81.5	50.0	18.5
95°	309.2	174.1	159.7	102.1	44.4
97.5°	416.5	191.2	178.5	127.7	76.9
100°	455.6	205.7	194.1	148.0	101.9
102.5°	473.5	220.0	209.3	166.2	123.2
105°	486.7	241.3	232.3	195.8	159.4
107.5°	489.2	272.8	264.3	230.4	196.4
110°	485.5	290.3	282.7	252.1	221.4



TEST NUMBER: P934887

CATALOG NUMBER: SQ4-FA-075U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	485.6	311.6	304.4	275.1	245.9
115°	490.1	343.6	336.8	310.0	283.0
117.5°	499.3	374.7	368.5	344.0	319.5
120°	506.7	392.7	386.9	363.9	340.8
122.5°	517.3	414.0	408.3	385.0	361.7
125°	531.7	441.3	436.0	414.8	393.6
127.5°	546.0	467.7	462.3	441.0	419.6
130°	556.6	485.4	479.6	456.6	433.5
132.5°	565.0	499.7	493.9	470.9	447.8
135°	574.3	516.4	511.1	490.1	469.1
137.5°	588.1	537.6	532.5	511.6	490.9
140°	596.7	552.1	547.3	528.1	509.0
142.5°	603.8	562.7	558.4	540.6	522.9
145°	613.0	578.9	575.0	559.7	544.2
147.5°	626.6	599.3	595.5	580.5	565.4
150°	633.8	610.0	606.6	592.9	579.4
152.5°	638.3	616.9	614.3	604.1	593.7
155°	648.5	632.2	630.3	622.6	615.0
157.5°	658.8	647.5	645.6	638.2	630.8
160°	663.3	654.4	653.0	647.2	641.4
162.5°	668.3	661.8	660.7	656.5	652.1
165°	675.4	672.5	671.5	667.6	663.6
167.5°	681.0	678.5	678.0	676.2	674.3
170°	685.5	685.4	684.9	683.2	681.3
172.5°	685.8	685.8	685.7	685.3	684.9
175°	688.6	690.0	690.0	690.0	690.0
177.5°	688.9	690.0	690.0	690.0	690.0
180°	690.0	690.0	690.0	690.0	690.0



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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	14.12	15.02	15.03	15.96	17.16	16.94	17.85	17.86	18.78	19.98
	3H	14.60	15.41	15.52	16.35	17.58	18.29	19.10	19.22	20.04	21.27
	4H	14.79	15.56	15.73	16.51	17.74	18.73	19.50	19.68	20.45	21.68
	6H	14.91	15.62	15.87	16.57	17.82	19.02	19.73	19.97	20.68	21.93
	8H	14.91	15.59	15.87	16.56	17.80	19.09	19.77	20.05	20.74	21.98
	12H	14.89	15.53	15.85	16.49	17.76	19.13	19.77	20.10	20.74	22.01
4H	2H	15.15	15.92	16.10	16.87	18.10	17.36	18.12	18.30	19.07	20.31
	3H	16.18	16.82	17.14	17.80	19.05	18.86	19.50	19.82	20.48	21.73
	4H	16.46	17.05	17.43	18.02	19.29	19.39	19.98	20.36	20.95	22.22
	6H	16.59	17.09	17.57	18.09	19.36	19.76	20.26	20.74	21.26	22.53
	8H	16.60	17.07	17.58	18.06	19.34	19.87	20.34	20.85	21.33	22.61
	12H	16.57	16.99	17.57	18.00	19.29	19.92	20.35	20.92	21.35	22.65
8H	4H	16.92	17.39	17.90	18.38	19.67	19.52	19.99	20.50	20.98	22.27
	6H	17.18	17.57	18.19	18.60	19.89	19.96	20.35	20.97	21.38	22.66
	8H	17.23	17.57	18.24	18.59	19.89	20.11	20.45	21.13	21.47	22.77
	12H	17.21	17.51	18.23	18.53	19.87	20.21	20.51	21.23	21.52	22.87
12H	4H	16.93	17.35	17.93	18.36	19.65	19.49	19.91	20.49	20.92	22.21
	6H	17.24	17.59	18.26	18.60	19.91	19.96	20.30	20.97	21.32	22.62
	8H	17.31	17.61	18.33	18.63	19.98	20.12	20.42	21.14	21.43	22.78