

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: P935775

Luminaire Tested: SQ4-FA-125U-125D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935775
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

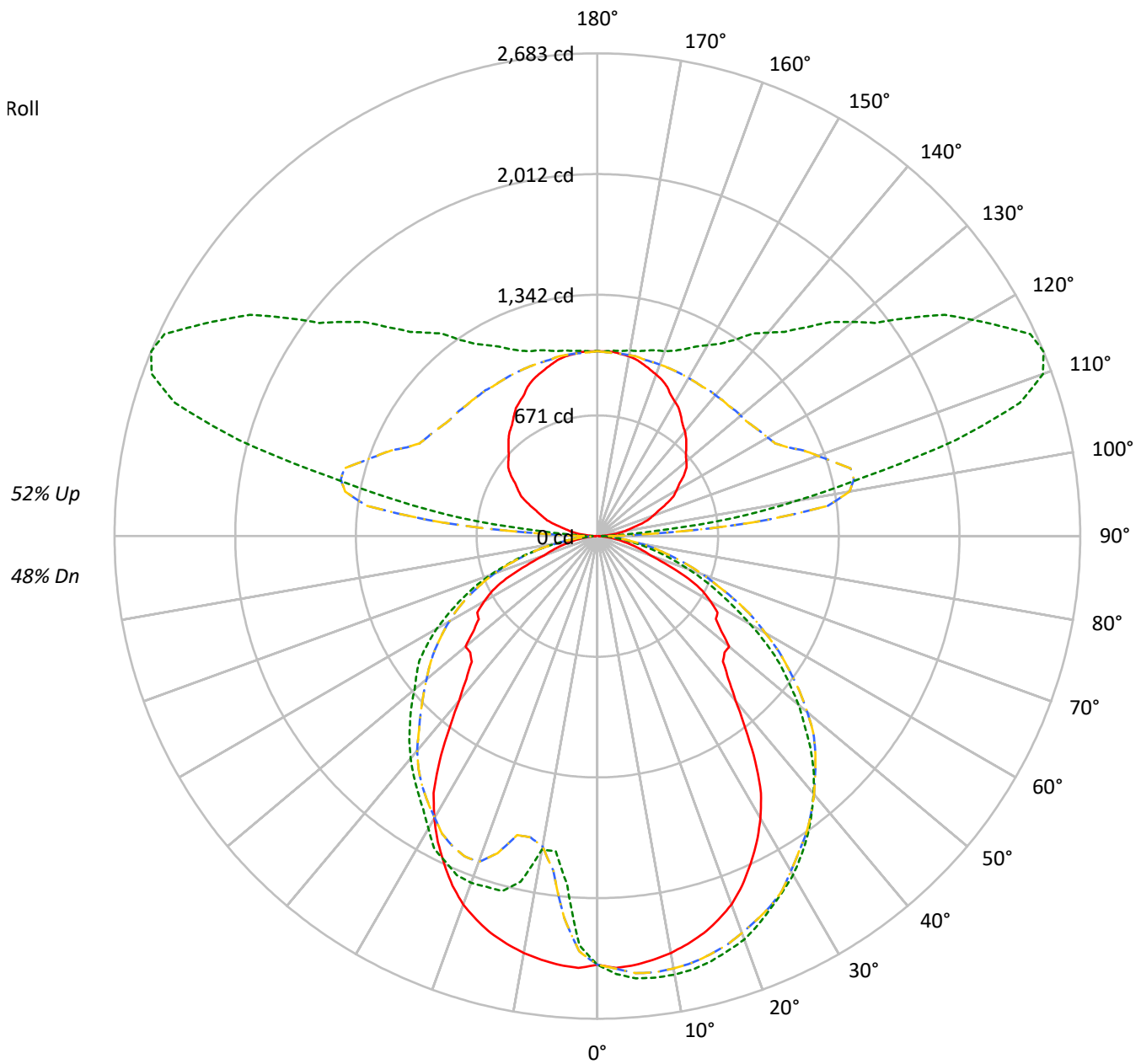
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12842.2 lumens
Efficiency: N/A
Efficacy: 113.8 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): 112.8
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: P935775
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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14737	14737	14737	14737
5°	14842	14876	14842	11697
10°	14737	14655	14737	10477
15°	14572	14337	14572	11972
20°	14262	13961	14262	11996
25°	13632	13412	13632	11742
30°	12821	12957	12821	11185
35°	11424	12380	11424	10571
40°	9513	11702	9513	10108
45°	8495	10909	8495	9575
50°	9018	9962	9018	9040
55°	8476	8941	8476	8730
60°	8728	7594	8728	7996
65°	7900	6278	7900	7017
70°	5457	5003	5457	5882
75°	4768	3699	4768	4429
80°	3815	2444	3815	2661
85°	2152	1294	2152	1100

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13028 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.0	1.7
10°-20°	610.6	4.8
20°-30°	943.8	7.3
30°-40°	1126.7	8.8
40°-50°	1133.3	8.8
50°-60°	986.1	7.7
60°-70°	699.2	5.4
70°-80°	369.9	2.9
80°-90°	96.0	0.7
90°-100°	500.9	3.9
100°-110°	1316.9	10.3
110°-120°	1365.4	10.6
120°-130°	1095.3	8.5
130°-140°	859.4	6.7
140°-150°	659.6	5.1
150°-160°	475.0	3.7
160°-170°	290.7	2.3
170°-180°	98.2	0.8
0°-30°	1769.5	13.8
0°-40°	2896.2	22.6
0°-60°	5015.7	39.1
0°-90°	6180.8	48.1
90°-120°	3183.2	24.8
90°-150°	5797.5	45.1
90°-180°	6661.0	51.9
0°-180°	12842.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2382	2382	2382	2382	2382	
5°	2394	2468	2394	1940	2394	227
15°	2285	2446	2285	2042	2285	643
25°	2013	2281	2013	1997	2013	924
35°	1530	2035	1530	1738	1530	947
45°	987	1677	987	1472	987	791
55°	805	1237	805	1208	805	739
65°	559	746	559	834	559	534
75°	212	354	212	424	212	223
85°	36	90	36	77	36	49
90°	7	26	7	26	7	7
95°	66	303	66	303	66	74
105°	237	2062	237	2062	237	252
115°	421	2655	421	2655	421	416
125°	586	2114	586	2114	586	520
135°	699	1641	699	1641	699	541
145°	810	1331	810	1331	810	508
155°	916	1146	916	1146	916	421
165°	988	1068	988	1068	988	279
175°	1028	1034	1028	1034	1028	98
180°	1028	1028	1028	1028	1028	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2402.6	2402.6	2416.2	2420.6	2420.6	2413.9	2407.1	2413.9	2434.2	2440.9	2438.6
5°	2393.6	2411.6	2436.4	2440.9	2445.5	2443.2	2438.6	2443.2	2465.7	2470.2	2472.5
7.5°	2375.6	2409.3	2440.9	2447.7	2454.4	2447.7	2445.5	2449.9	2472.5	2477.0	2477.0
10°	2353.0	2400.4	2436.4	2440.9	2447.7	2440.9	2440.9	2449.9	2472.5	2477.0	2479.2
12.5°	2321.5	2386.9	2420.6	2425.1	2434.2	2431.9	2429.7	2438.6	2461.2	2465.7	2465.7
15°	2285.4	2362.0	2393.6	2398.1	2413.9	2409.3	2409.3	2418.4	2443.2	2449.9	2447.7
17.5°	2235.8	2330.5	2366.5	2373.3	2384.5	2382.3	2384.5	2393.6	2416.2	2420.6	2422.9
20°	2179.5	2287.7	2330.5	2337.2	2348.5	2348.5	2348.5	2359.8	2382.3	2391.3	2391.3
22.5°	2102.9	2242.6	2287.7	2292.2	2305.7	2305.7	2310.2	2325.9	2346.3	2348.5	2348.5
25°	2012.7	2193.0	2231.3	2244.9	2258.4	2265.1	2271.9	2280.9	2287.7	2285.4	2287.7
27.5°	1918.0	2129.9	2179.5	2188.5	2206.5	2213.3	2222.3	2224.5	2226.8	2233.6	2229.1
30°	1812.1	2042.0	2116.4	2125.3	2154.6	2159.2	2150.2	2154.6	2165.9	2170.4	2175.0
32.5°	1692.6	1911.2	2051.0	2071.3	2098.3	2084.8	2082.5	2089.3	2107.3	2107.3	2111.8
35°	1530.4	1809.8	1990.2	2008.2	2028.5	2012.7	2021.7	2023.9	2035.2	2042.0	2039.7
37.5°	1352.3	1721.9	1927.0	1940.5	1956.4	1936.0	1949.6	1956.4	1965.3	1960.9	1960.9
40°	1194.5	1584.5	1852.6	1861.7	1875.2	1859.4	1873.0	1877.5	1881.9	1877.5	1875.2
42.5°	1077.3	1433.4	1773.8	1785.1	1776.0	1787.3	1791.8	1800.9	1794.0	1785.1	1785.1
45°	987.2	1392.9	1688.1	1701.7	1688.1	1706.2	1713.0	1713.0	1692.6	1688.1	1685.9
47.5°	957.9	1311.8	1602.5	1602.5	1595.7	1618.3	1629.6	1613.8	1593.4	1586.7	1586.7
50°	955.7	1221.6	1485.3	1476.3	1507.8	1534.9	1523.6	1507.8	1492.0	1467.2	1467.2
52.5°	867.8	1111.2	1334.3	1368.1	1417.7	1433.4	1415.4	1399.7	1372.6	1361.3	1352.3
55°	804.6	996.2	1196.8	1264.4	1316.3	1336.5	1302.7	1287.0	1246.4	1239.6	1235.1
57.5°	791.1	829.4	1070.6	1156.3	1219.3	1217.1	1196.8	1167.5	1133.7	1127.0	1124.7
60°	725.8	599.5	935.3	1036.7	1102.1	1095.3	1077.3	1050.3	1018.7	1014.3	1009.7
62.5°	658.1	435.0	782.1	897.1	989.4	987.2	971.4	930.8	908.3	897.1	888.0
65°	559.0	365.1	556.7	746.0	879.0	883.5	849.7	820.4	795.6	782.1	779.8
67.5°	426.0	297.5	376.4	622.0	773.1	768.6	725.8	712.2	680.7	673.9	660.4
70°	315.5	198.4	261.4	504.8	669.4	658.1	624.4	608.5	579.2	563.4	554.5
72.5°	261.4	160.0	191.5	392.1	563.4	549.9	520.6	502.6	477.8	464.3	455.3
75°	211.9	169.1	146.5	290.7	457.5	448.5	421.4	403.4	383.2	365.1	367.4
77.5°	155.5	157.8	117.2	214.1	362.8	349.3	333.5	311.1	302.0	284.0	284.0
80°	117.2	124.0	87.9	146.5	261.4	261.4	247.9	232.1	216.4	207.3	207.3
82.5°	78.9	78.9	65.4	92.4	178.0	171.3	162.2	157.8	148.7	144.2	144.2
85°	36.1	45.1	40.6	56.4	96.9	101.4	101.4	96.9	94.7	90.1	92.4
87.5°	11.3	20.2	24.8	31.5	49.6	51.9	54.1	54.1	54.1	56.4	56.4
90°	6.9	12.4	17.9	19.3	30.3	45.0	52.4	46.5	34.9	26.2	26.2
92.5°	27.6	74.5	121.4	133.1	187.1	259.1	295.2	258.7	185.8	131.1	125.8
95°	66.2	152.0	237.8	259.3	460.4	728.7	862.8	769.9	584.1	444.8	429.0
97.5°	114.5	190.1	265.9	284.8	620.2	1067.5	1291.1	1232.4	1115.0	1026.9	996.9
100°	151.8	220.4	289.0	306.2	678.3	1174.6	1422.8	1427.0	1435.6	1442.0	1406.2
102.5°	183.5	247.5	311.6	327.6	705.1	1208.3	1460.0	1534.7	1684.4	1796.5	1765.9
105°	237.3	291.5	345.7	359.3	724.8	1212.2	1455.9	1623.5	1958.8	2210.3	2193.8
107.5°	292.4	342.9	393.6	406.2	728.5	1158.2	1373.1	1607.0	2074.7	2425.5	2429.5
110°	329.6	375.3	420.9	432.4	722.9	1110.4	1304.1	1565.5	2088.5	2480.7	2497.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	366.2	409.7	453.2	464.2	723.2	1068.6	1241.3	1508.9	2044.1	2445.5	2471.8
115°	421.4	461.5	501.7	511.8	729.9	1020.8	1166.2	1424.0	1939.6	2326.2	2362.8
117.5°	475.9	512.4	548.8	557.9	743.4	990.7	1114.4	1347.1	1812.4	2161.4	2201.9
120°	507.6	541.9	576.2	584.8	754.4	980.6	1093.7	1306.3	1731.4	2050.3	2089.7
122.5°	538.7	573.3	607.9	616.5	770.3	975.4	1077.9	1269.4	1652.2	1939.3	1978.1
125°	586.2	617.8	649.3	657.2	791.7	971.0	1060.7	1223.3	1548.5	1792.4	1828.2
127.5°	624.8	656.7	688.6	696.5	813.1	968.5	1046.2	1185.8	1465.1	1674.5	1704.7
130°	645.5	679.9	714.1	722.7	828.7	970.0	1040.6	1165.0	1413.5	1600.0	1627.9
132.5°	666.9	701.3	735.5	744.1	841.4	971.0	1035.9	1147.1	1369.7	1536.5	1561.5
135°	698.6	729.8	761.1	768.9	855.1	970.1	1027.6	1120.7	1307.1	1446.9	1468.4
137.5°	731.0	762.0	793.0	800.7	875.8	976.1	1026.2	1104.9	1262.5	1380.7	1398.2
140°	757.9	786.4	814.9	822.0	888.4	977.1	1021.4	1089.4	1225.5	1327.6	1344.1
142.5°	778.6	805.0	831.3	837.9	899.1	980.6	1021.4	1081.1	1200.7	1290.4	1304.6
145°	810.3	833.3	856.3	862.1	912.9	980.6	1014.5	1063.4	1161.1	1234.5	1245.2
147.5°	842.1	864.5	886.8	892.4	933.1	987.4	1014.5	1052.9	1129.9	1187.6	1196.5
150°	862.8	883.0	903.2	908.2	943.7	990.8	1014.5	1047.0	1112.0	1160.7	1167.9
152.5°	884.1	899.5	914.8	918.6	950.6	993.1	1014.5	1042.2	1097.7	1139.3	1144.7
155°	915.9	927.2	938.5	941.4	965.7	998.2	1014.5	1036.6	1080.7	1113.8	1117.5
157.5°	939.3	950.3	961.3	964.1	980.9	1003.3	1014.5	1031.6	1066.0	1091.7	1094.2
160°	955.1	963.7	972.4	974.5	987.8	1005.6	1014.5	1029.2	1058.6	1080.7	1082.1
162.5°	971.0	977.4	983.9	985.5	995.2	1008.1	1014.5	1026.9	1051.7	1070.3	1071.7
165°	988.3	994.1	1000.0	1001.4	1005.7	1011.5	1014.5	1023.3	1041.2	1054.5	1055.9
167.5°	1004.2	1006.9	1009.7	1010.4	1014.0	1018.9	1021.4	1027.2	1038.9	1047.6	1048.2
170°	1014.5	1017.2	1020.0	1020.7	1020.9	1021.2	1021.4	1027.2	1038.9	1047.6	1047.6
172.5°	1020.0	1020.6	1021.2	1021.4	1021.4	1021.4	1021.4	1026.0	1035.1	1042.1	1041.5
175°	1027.6	1027.6	1027.6	1027.6	1025.6	1022.8	1021.4	1024.3	1030.2	1034.5	1034.5
177.5°	1027.6	1027.6	1027.6	1027.6	1026.0	1023.8	1022.7	1025.0	1029.6	1033.1	1032.5
180°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2443.2	2436.4	2443.2	2438.6	2440.9	2434.2	2413.9	2407.1	2413.9	2420.6	2420.6
5°	2472.5	2467.9	2472.5	2472.5	2470.2	2465.7	2443.2	2438.6	2443.2	2445.5	2440.9
7.5°	2481.5	2474.8	2481.5	2477.0	2477.0	2472.5	2449.9	2445.5	2447.7	2454.4	2447.7
10°	2481.5	2474.8	2481.5	2479.2	2477.0	2472.5	2449.9	2440.9	2440.9	2447.7	2440.9
12.5°	2470.2	2465.7	2470.2	2465.7	2465.7	2461.2	2438.6	2429.7	2431.9	2434.2	2425.1
15°	2452.2	2445.5	2452.2	2447.7	2449.9	2443.2	2418.4	2409.3	2409.3	2413.9	2398.1
17.5°	2425.1	2416.2	2425.1	2422.9	2420.6	2416.2	2393.6	2384.5	2382.3	2384.5	2373.3
20°	2393.6	2386.9	2393.6	2391.3	2391.3	2382.3	2359.8	2348.5	2348.5	2348.5	2337.2
22.5°	2344.0	2337.2	2344.0	2348.5	2348.5	2346.3	2325.9	2310.2	2305.7	2305.7	2292.2
25°	2287.7	2280.9	2287.7	2287.7	2285.4	2287.7	2280.9	2271.9	2265.1	2258.4	2244.9
27.5°	2233.6	2229.1	2233.6	2229.1	2233.6	2226.8	2224.5	2222.3	2213.3	2206.5	2188.5
30°	2179.5	2175.0	2179.5	2175.0	2170.4	2165.9	2154.6	2150.2	2159.2	2154.6	2125.3
32.5°	2111.8	2107.3	2111.8	2111.8	2107.3	2107.3	2089.3	2082.5	2084.8	2098.3	2071.3
35°	2042.0	2035.2	2042.0	2039.7	2042.0	2035.2	2023.9	2021.7	2012.7	2028.5	2008.2
37.5°	1960.9	1954.0	1960.9	1960.9	1960.9	1965.3	1956.4	1949.6	1936.0	1956.4	1940.5
40°	1877.5	1868.4	1877.5	1875.2	1877.5	1881.9	1877.5	1873.0	1859.4	1875.2	1861.7
42.5°	1782.8	1780.5	1782.8	1785.1	1785.1	1794.0	1800.9	1791.8	1787.3	1776.0	1785.1
45°	1681.3	1676.9	1681.3	1685.9	1688.1	1692.6	1713.0	1713.0	1706.2	1688.1	1701.7
47.5°	1573.2	1561.9	1573.2	1586.7	1586.7	1593.4	1613.8	1629.6	1618.3	1595.7	1602.5
50°	1458.3	1460.5	1458.3	1467.2	1467.2	1492.0	1507.8	1523.6	1534.9	1507.8	1476.3
52.5°	1345.6	1343.3	1345.6	1352.3	1361.3	1372.6	1399.7	1415.4	1433.4	1417.7	1368.1
55°	1232.8	1237.3	1232.8	1235.1	1239.6	1246.4	1287.0	1302.7	1336.5	1316.3	1264.4
57.5°	1120.1	1113.4	1120.1	1124.7	1127.0	1133.7	1167.5	1196.8	1217.1	1219.3	1156.3
60°	989.4	980.4	989.4	1009.7	1014.3	1018.7	1050.3	1077.3	1095.3	1102.1	1036.7
62.5°	874.5	858.7	874.5	888.0	897.1	908.3	930.8	971.4	987.2	989.4	897.1
65°	752.8	746.0	752.8	779.8	782.1	795.6	820.4	849.7	883.5	879.0	746.0
67.5°	642.4	642.4	642.4	660.4	673.9	680.7	712.2	725.8	768.6	773.1	622.0
70°	540.9	538.7	540.9	554.5	563.4	579.2	608.5	624.4	658.1	669.4	504.8
72.5°	444.0	441.8	444.0	455.3	464.3	477.8	502.6	520.6	549.9	563.4	392.1
75°	358.4	353.9	358.4	367.4	365.1	383.2	403.4	421.4	448.5	457.5	290.7
77.5°	275.0	275.0	275.0	284.0	284.0	302.0	311.1	333.5	349.3	362.8	214.1
80°	205.1	202.8	205.1	207.3	207.3	216.4	232.1	247.9	261.4	261.4	146.5
82.5°	144.2	139.8	144.2	144.2	144.2	148.7	157.8	162.2	171.3	178.0	92.4
85°	90.1	90.1	90.1	92.4	90.1	94.7	96.9	101.4	101.4	96.9	56.4
87.5°	58.6	56.4	58.6	56.4	56.4	54.1	54.1	54.1	51.9	49.6	31.5
90°	26.2	26.2	26.2	26.2	26.2	34.9	46.5	52.4	45.0	30.3	19.3
92.5°	105.0	84.1	105.0	125.8	131.1	185.8	258.7	295.2	259.1	187.1	133.1
95°	365.9	302.7	365.9	429.0	444.8	584.1	769.9	862.8	728.7	460.4	259.3
97.5°	876.7	756.6	876.7	996.9	1026.9	1115.0	1232.4	1291.1	1067.5	620.2	284.8
100°	1263.2	1120.0	1263.2	1406.2	1442.0	1435.6	1427.0	1422.8	1174.6	678.3	306.2
102.5°	1643.2	1520.7	1643.2	1765.9	1796.5	1684.4	1534.7	1460.0	1208.3	705.1	327.6
105°	2127.9	2062.0	2127.9	2193.8	2210.3	1958.8	1623.5	1455.9	1212.2	724.8	359.3
107.5°	2445.4	2461.4	2445.4	2429.5	2425.5	2074.7	1607.0	1373.1	1158.2	728.5	406.2
110°	2566.5	2635.1	2566.5	2497.9	2480.7	2088.5	1565.5	1304.1	1110.4	722.9	432.4



TEST NUMBER: P935775

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2577.2	2682.7	2577.2	2471.8	2445.5	2044.1	1508.9	1241.3	1068.6	723.2	464.2
115°	2509.0	2655.1	2509.0	2362.8	2326.2	1939.6	1424.0	1166.2	1020.8	729.9	511.8
117.5°	2364.0	2526.2	2364.0	2201.9	2161.4	1812.4	1347.1	1114.4	990.7	743.4	557.9
120°	2247.3	2404.8	2247.3	2089.7	2050.3	1731.4	1306.3	1093.7	980.6	754.4	584.8
122.5°	2133.5	2288.9	2133.5	1978.1	1939.3	1652.2	1269.4	1077.9	975.4	770.3	616.5
125°	1971.4	2114.5	1971.4	1828.2	1792.4	1548.5	1223.3	1060.7	971.0	791.7	657.2
127.5°	1825.5	1946.2	1825.5	1704.7	1674.5	1465.1	1185.8	1046.2	968.5	813.1	696.5
130°	1739.5	1851.0	1739.5	1627.9	1600.0	1413.5	1165.0	1040.6	970.0	828.7	722.7
132.5°	1661.4	1761.3	1661.4	1561.5	1536.5	1369.7	1147.1	1035.9	971.0	841.4	744.1
135°	1554.5	1640.7	1554.5	1468.4	1446.9	1307.1	1120.7	1027.6	970.1	855.1	768.9
137.5°	1468.8	1539.3	1468.8	1398.2	1380.7	1262.5	1104.9	1026.2	976.1	875.8	800.7
140°	1410.0	1475.9	1410.0	1344.1	1327.6	1225.5	1089.4	1021.4	977.1	888.4	822.0
142.5°	1361.2	1418.0	1361.2	1304.6	1290.4	1200.7	1081.1	1021.4	980.6	899.1	837.9
145°	1288.1	1331.0	1288.1	1245.2	1234.5	1161.1	1063.4	1014.5	980.6	912.9	862.1
147.5°	1232.1	1267.6	1232.1	1196.5	1187.6	1129.9	1052.9	1014.5	987.4	933.1	892.4
150°	1196.8	1225.5	1196.8	1167.9	1160.7	1112.0	1047.0	1014.5	990.8	943.7	908.2
152.5°	1166.5	1188.2	1166.5	1144.7	1139.3	1097.7	1042.2	1014.5	993.1	950.6	918.6
155°	1131.8	1146.2	1131.8	1117.5	1113.8	1080.7	1036.6	1014.5	998.2	965.7	941.4
157.5°	1104.3	1114.4	1104.3	1094.2	1091.7	1066.0	1031.6	1014.5	1003.3	980.9	964.1
160°	1088.0	1093.7	1088.0	1082.1	1080.7	1058.6	1029.2	1014.5	1005.6	987.8	974.5
162.5°	1077.2	1082.7	1077.2	1071.7	1070.3	1051.7	1026.9	1014.5	1008.1	995.2	985.5
165°	1061.8	1067.6	1061.8	1055.9	1054.5	1041.2	1023.3	1014.5	1011.5	1005.7	1001.4
167.5°	1050.6	1053.1	1050.6	1048.2	1047.6	1038.9	1027.2	1021.4	1018.9	1014.0	1010.4
170°	1047.6	1047.6	1047.6	1047.6	1047.6	1038.9	1027.2	1021.4	1021.2	1020.9	1020.7
172.5°	1039.4	1037.3	1039.4	1041.5	1042.1	1035.1	1026.0	1021.4	1021.4	1021.4	1021.4
175°	1034.5	1034.5	1034.5	1034.5	1034.5	1030.2	1024.3	1021.4	1022.8	1025.6	1027.6
177.5°	1030.1	1027.6	1030.1	1032.5	1033.1	1029.6	1025.0	1022.7	1023.8	1026.0	1027.6
180°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2416.2	2402.6	2402.6	2380.1	2371.0	2364.3	2353.0	2319.2	2310.2	2301.2	2314.7
5°	2436.4	2411.6	2393.6	2353.0	2319.2	2305.7	2262.9	2181.7	2127.6	2087.1	2064.5
7.5°	2440.9	2409.3	2375.6	2312.4	2231.3	2195.2	2064.5	1915.8	1875.2	1839.1	1816.6
10°	2436.4	2400.4	2353.0	2258.4	2066.8	2003.7	1873.0	1776.0	1751.2	1744.5	1751.2
12.5°	2420.6	2386.9	2321.5	2163.7	1895.5	1852.6	1776.0	1719.7	1715.2	1726.4	1787.3
15°	2393.6	2362.0	2285.4	2037.5	1800.9	1769.3	1715.2	1694.9	1719.7	1798.6	1981.1
17.5°	2366.5	2330.5	2235.8	1913.6	1728.7	1706.2	1667.8	1708.4	1848.2	1954.0	2015.0
20°	2330.5	2287.7	2179.5	1823.3	1676.9	1656.6	1638.5	1821.1	1927.0	1965.3	1999.2
22.5°	2287.7	2242.6	2102.9	1760.3	1622.7	1607.0	1618.3	1884.2	1927.0	1954.0	1983.3
25°	2231.3	2193.0	2012.7	1710.6	1579.9	1561.9	1604.7	1877.5	1902.3	1909.0	1967.6
27.5°	2179.5	2129.9	1918.0	1665.6	1528.1	1521.3	1616.0	1848.2	1866.2	1873.0	1936.0
30°	2116.4	2042.0	1812.1	1618.3	1474.0	1471.8	1618.3	1812.1	1807.6	1825.6	1888.7
32.5°	2051.0	1911.2	1692.6	1559.7	1422.2	1419.9	1602.5	1758.0	1753.5	1778.3	1825.6
35°	1990.2	1809.8	1530.4	1492.0	1356.8	1359.1	1564.2	1694.9	1697.1	1719.7	1749.0
37.5°	1927.0	1721.9	1352.3	1417.7	1293.7	1293.7	1512.4	1636.3	1631.8	1638.5	1679.1
40°	1852.6	1584.5	1194.5	1320.7	1235.1	1228.4	1449.2	1573.2	1557.4	1555.2	1611.5
42.5°	1773.8	1433.4	1077.3	1192.3	1167.5	1158.5	1372.6	1496.5	1467.2	1474.0	1546.1
45°	1688.1	1392.9	987.2	1007.4	1097.7	1090.8	1289.2	1408.6	1388.4	1406.4	1480.7
47.5°	1602.5	1311.8	957.9	836.1	1023.2	1021.0	1196.8	1323.0	1311.8	1329.8	1408.6
50°	1485.3	1221.6	955.7	716.7	939.9	948.8	1086.4	1239.6	1239.6	1255.4	1338.7
52.5°	1334.3	1111.2	867.8	649.1	843.0	870.0	989.4	1167.5	1172.0	1187.8	1262.1
55°	1196.8	996.2	804.6	597.3	728.0	786.6	894.7	1093.1	1102.1	1117.9	1185.5
57.5°	1070.6	829.4	791.1	536.4	622.0	678.4	811.4	1021.0	1025.5	1039.0	1104.4
60°	935.3	599.5	725.8	471.1	529.7	572.5	734.7	935.3	951.1	960.1	1016.5
62.5°	782.1	435.0	658.1	426.0	484.6	493.6	671.7	854.2	874.5	881.3	915.1
65°	556.7	365.1	559.0	387.7	437.3	439.5	604.0	770.8	788.8	800.1	825.0
67.5°	376.4	297.5	426.0	351.6	401.2	403.4	538.7	673.9	698.7	707.7	723.5
70°	261.4	198.4	315.5	313.3	360.6	365.1	468.8	586.0	608.5	615.3	624.4
72.5°	191.5	160.0	261.4	281.8	317.8	322.3	396.7	486.8	509.4	516.1	520.6
75°	146.5	169.1	211.9	245.7	270.5	272.7	324.6	396.7	412.5	417.0	419.2
77.5°	117.2	157.8	155.5	198.4	220.8	216.4	254.7	306.5	320.0	320.0	320.0
80°	87.9	124.0	117.2	142.0	162.2	157.8	182.6	218.6	223.2	227.6	225.4
82.5°	65.4	78.9	78.9	90.1	108.2	103.7	121.7	142.0	142.0	142.0	146.5
85°	40.6	45.1	36.1	47.3	60.8	58.6	67.6	76.6	78.9	78.9	74.4
87.5°	24.8	20.2	11.3	18.0	27.1	27.1	31.5	33.8	31.5	31.5	31.5
90°	17.9	12.4	6.9	12.4	17.9	19.3	30.3	45.0	52.4	46.5	34.9
92.5°	121.4	74.5	27.6	74.5	121.4	133.1	187.1	259.1	295.2	258.7	185.8
95°	237.8	152.0	66.2	152.0	237.8	259.3	460.4	728.7	862.8	769.9	584.1
97.5°	265.9	190.1	114.5	190.1	265.9	284.8	620.2	1067.5	1291.1	1232.4	1115.0
100°	289.0	220.4	151.8	220.4	289.0	306.2	678.3	1174.6	1422.8	1427.0	1435.6
102.5°	311.6	247.5	183.5	247.5	311.6	327.6	705.1	1208.3	1460.0	1534.7	1684.4
105°	345.7	291.5	237.3	291.5	345.7	359.3	724.8	1212.2	1455.9	1623.5	1958.8
107.5°	393.6	342.9	292.4	342.9	393.6	406.2	728.5	1158.2	1373.1	1607.0	2074.7
110°	420.9	375.3	329.6	375.3	420.9	432.4	722.9	1110.4	1304.1	1565.5	2088.5



TEST NUMBER: P935775

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	453.2	409.7	366.2	409.7	453.2	464.2	723.2	1068.6	1241.3	1508.9	2044.1
115°	501.7	461.5	421.4	461.5	501.7	511.8	729.9	1020.8	1166.2	1424.0	1939.6
117.5°	548.8	512.4	475.9	512.4	548.8	557.9	743.4	990.7	1114.4	1347.1	1812.4
120°	576.2	541.9	507.6	541.9	576.2	584.8	754.4	980.6	1093.7	1306.3	1731.4
122.5°	607.9	573.3	538.7	573.3	607.9	616.5	770.3	975.4	1077.9	1269.4	1652.2
125°	649.3	617.8	586.2	617.8	649.3	657.2	791.7	971.0	1060.7	1223.3	1548.5
127.5°	688.6	656.7	624.8	656.7	688.6	696.5	813.1	968.5	1046.2	1185.8	1465.1
130°	714.1	679.9	645.5	679.9	714.1	722.7	828.7	970.0	1040.6	1165.0	1413.5
132.5°	735.5	701.3	666.9	701.3	735.5	744.1	841.4	971.0	1035.9	1147.1	1369.7
135°	761.1	729.8	698.6	729.8	761.1	768.9	855.1	970.1	1027.6	1120.7	1307.1
137.5°	793.0	762.0	731.0	762.0	793.0	800.7	875.8	976.1	1026.2	1104.9	1262.5
140°	814.9	786.4	757.9	786.4	814.9	822.0	888.4	977.1	1021.4	1089.4	1225.5
142.5°	831.3	805.0	778.6	805.0	831.3	837.9	899.1	980.6	1021.4	1081.1	1200.7
145°	856.3	833.3	810.3	833.3	856.3	862.1	912.9	980.6	1014.5	1063.4	1161.1
147.5°	886.8	864.5	842.1	864.5	886.8	892.4	933.1	987.4	1014.5	1052.9	1129.9
150°	903.2	883.0	862.8	883.0	903.2	908.2	943.7	990.8	1014.5	1047.0	1112.0
152.5°	914.8	899.5	884.1	899.5	914.8	918.6	950.6	993.1	1014.5	1042.2	1097.7
155°	938.5	927.2	915.9	927.2	938.5	941.4	965.7	998.2	1014.5	1036.6	1080.7
157.5°	961.3	950.3	939.3	950.3	961.3	964.1	980.9	1003.3	1014.5	1031.6	1066.0
160°	972.4	963.7	955.1	963.7	972.4	974.5	987.8	1005.6	1014.5	1029.2	1058.6
162.5°	983.9	977.4	971.0	977.4	983.9	985.5	995.2	1008.1	1014.5	1026.9	1051.7
165°	1000.0	994.1	988.3	994.1	1000.0	1001.4	1005.7	1011.5	1014.5	1023.3	1041.2
167.5°	1009.7	1006.9	1004.2	1006.9	1009.7	1010.4	1014.0	1018.9	1021.4	1027.2	1038.9
170°	1020.0	1017.2	1014.5	1017.2	1020.0	1020.7	1020.9	1021.2	1021.4	1027.2	1038.9
172.5°	1021.2	1020.6	1020.0	1020.6	1021.2	1021.4	1021.4	1021.4	1021.4	1026.0	1035.1
175°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1025.6	1022.8	1021.4	1024.3	1030.2
177.5°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1026.0	1023.8	1022.7	1025.0	1029.6
180°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6



TEST NUMBER: P935775
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2298.9	2292.2	2301.2	2276.4	2301.2	2292.2	2298.9	2314.7	2301.2	2310.2	2319.2
5°	2017.2	2005.9	1969.9	1940.5	1969.9	2005.9	2017.2	2064.5	2087.1	2127.6	2181.7
7.5°	1803.1	1794.0	1785.1	1767.0	1785.1	1794.0	1803.1	1816.6	1839.1	1875.2	1915.8
10°	1755.8	1758.0	1771.6	1769.3	1771.6	1758.0	1755.8	1751.2	1744.5	1751.2	1776.0
12.5°	1877.5	1897.7	1972.2	1967.6	1972.2	1897.7	1877.5	1787.3	1726.4	1715.2	1719.7
15°	2017.2	2023.9	2039.7	2042.0	2039.7	2023.9	2017.2	1981.1	1798.6	1719.7	1694.9
17.5°	2030.7	2033.0	2044.3	2044.3	2044.3	2033.0	2030.7	2015.0	1954.0	1848.2	1708.4
20°	2019.5	2023.9	2046.5	2051.0	2046.5	2023.9	2019.5	1999.2	1965.3	1927.0	1821.1
22.5°	2015.0	2023.9	2042.0	2039.7	2042.0	2023.9	2015.0	1983.3	1954.0	1927.0	1884.2
25°	1992.4	1992.4	1994.6	1996.9	1994.6	1992.4	1992.4	1967.6	1909.0	1902.3	1877.5
27.5°	1945.1	1949.6	1963.1	1960.9	1963.1	1949.6	1945.1	1936.0	1873.0	1866.2	1848.2
30°	1902.3	1897.7	1886.5	1877.5	1886.5	1897.7	1902.3	1888.7	1825.6	1807.6	1812.1
32.5°	1830.2	1818.9	1807.6	1800.9	1807.6	1818.9	1830.2	1825.6	1778.3	1753.5	1758.0
35°	1744.5	1746.7	1744.5	1737.7	1744.5	1746.7	1744.5	1749.0	1719.7	1697.1	1694.9
37.5°	1683.6	1688.1	1685.9	1676.9	1685.9	1688.1	1683.6	1679.1	1638.5	1631.8	1636.3
40°	1620.5	1622.7	1620.5	1613.8	1620.5	1622.7	1620.5	1611.5	1555.2	1557.4	1573.2
42.5°	1559.7	1557.4	1550.6	1546.1	1550.6	1557.4	1559.7	1546.1	1474.0	1467.2	1496.5
45°	1489.8	1492.0	1478.5	1471.8	1478.5	1492.0	1489.8	1480.7	1406.4	1388.4	1408.6
47.5°	1419.9	1419.9	1408.6	1401.9	1408.6	1419.9	1419.9	1408.6	1329.8	1311.8	1323.0
50°	1345.6	1343.3	1327.6	1325.3	1327.6	1343.3	1345.6	1338.7	1255.4	1239.6	1239.6
52.5°	1259.9	1259.9	1262.1	1266.6	1262.1	1259.9	1259.9	1262.1	1187.8	1172.0	1167.5
55°	1185.5	1187.8	1203.6	1208.0	1203.6	1187.8	1185.5	1185.5	1117.9	1102.1	1093.1
57.5°	1108.9	1108.9	1120.1	1120.1	1120.1	1108.9	1108.9	1104.4	1039.0	1025.5	1021.0
60°	1021.0	1025.5	1034.5	1032.3	1034.5	1025.5	1021.0	1016.5	960.1	951.1	935.3
62.5°	928.6	933.1	935.3	930.8	935.3	933.1	928.6	915.1	881.3	874.5	854.2
65°	831.7	836.1	838.4	833.9	838.4	836.1	831.7	825.0	800.1	788.8	770.8
67.5°	732.5	730.2	728.0	737.0	728.0	730.2	732.5	723.5	707.7	698.7	673.9
70°	631.1	631.1	628.8	633.3	628.8	631.1	631.1	624.4	615.3	608.5	586.0
72.5°	522.9	520.6	529.7	522.9	529.7	520.6	522.9	520.6	516.1	509.4	486.8
75°	417.0	421.4	417.0	423.8	417.0	421.4	417.0	419.2	417.0	412.5	396.7
77.5°	317.8	322.3	317.8	317.8	317.8	322.3	317.8	320.0	320.0	320.0	306.5
80°	225.4	223.2	223.2	220.8	223.2	223.2	225.4	225.4	227.6	223.2	218.6
82.5°	144.2	142.0	142.0	146.5	142.0	142.0	144.2	146.5	142.0	142.0	142.0
85°	78.9	81.2	76.6	76.6	76.6	81.2	78.9	74.4	78.9	78.9	76.6
87.5°	29.3	27.1	27.1	27.1	27.1	27.1	29.3	31.5	31.5	31.5	33.8
90°	26.2	26.2	26.2	26.2	26.2	26.2	26.2	34.9	46.5	52.4	45.0
92.5°	131.1	125.8	105.0	84.1	105.0	125.8	131.1	185.8	258.7	295.2	259.1
95°	444.8	429.0	365.9	302.7	365.9	429.0	444.8	584.1	769.9	862.8	728.7
97.5°	1026.9	996.9	876.7	756.6	876.7	996.9	1026.9	1115.0	1232.4	1291.1	1067.5
100°	1442.0	1406.2	1263.2	1120.0	1263.2	1406.2	1442.0	1435.6	1427.0	1422.8	1174.6
102.5°	1796.5	1765.9	1643.2	1520.7	1643.2	1765.9	1796.5	1684.4	1534.7	1460.0	1208.3
105°	2210.3	2193.8	2127.9	2062.0	2127.9	2193.8	2210.3	1958.8	1623.5	1455.9	1212.2
107.5°	2425.5	2429.5	2445.4	2461.4	2445.4	2429.5	2425.5	2074.7	1607.0	1373.1	1158.2
110°	2480.7	2497.9	2566.5	2635.1	2566.5	2497.9	2480.7	2088.5	1565.5	1304.1	1110.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2445.5	2471.8	2577.2	2682.7	2577.2	2471.8	2445.5	2044.1	1508.9	1241.3	1068.6
115°	2326.2	2362.8	2509.0	2655.1	2509.0	2362.8	2326.2	1939.6	1424.0	1166.2	1020.8
117.5°	2161.4	2201.9	2364.0	2526.2	2364.0	2201.9	2161.4	1812.4	1347.1	1114.4	990.7
120°	2050.3	2089.7	2247.3	2404.8	2247.3	2089.7	2050.3	1731.4	1306.3	1093.7	980.6
122.5°	1939.3	1978.1	2133.5	2288.9	2133.5	1978.1	1939.3	1652.2	1269.4	1077.9	975.4
125°	1792.4	1828.2	1971.4	2114.5	1971.4	1828.2	1792.4	1548.5	1223.3	1060.7	971.0
127.5°	1674.5	1704.7	1825.5	1946.2	1825.5	1704.7	1674.5	1465.1	1185.8	1046.2	968.5
130°	1600.0	1627.9	1739.5	1851.0	1739.5	1627.9	1600.0	1413.5	1165.0	1040.6	970.0
132.5°	1536.5	1561.5	1661.4	1761.3	1661.4	1561.5	1536.5	1369.7	1147.1	1035.9	971.0
135°	1446.9	1468.4	1554.5	1640.7	1554.5	1468.4	1446.9	1307.1	1120.7	1027.6	970.1
137.5°	1380.7	1398.2	1468.8	1539.3	1468.8	1398.2	1380.7	1262.5	1104.9	1026.2	976.1
140°	1327.6	1344.1	1410.0	1475.9	1410.0	1344.1	1327.6	1225.5	1089.4	1021.4	977.1
142.5°	1290.4	1304.6	1361.2	1418.0	1361.2	1304.6	1290.4	1200.7	1081.1	1021.4	980.6
145°	1234.5	1245.2	1288.1	1331.0	1288.1	1245.2	1234.5	1161.1	1063.4	1014.5	980.6
147.5°	1187.6	1196.5	1232.1	1267.6	1232.1	1196.5	1187.6	1129.9	1052.9	1014.5	987.4
150°	1160.7	1167.9	1196.8	1225.5	1196.8	1167.9	1160.7	1112.0	1047.0	1014.5	990.8
152.5°	1139.3	1144.7	1166.5	1188.2	1166.5	1144.7	1139.3	1097.7	1042.2	1014.5	993.1
155°	1113.8	1117.5	1131.8	1146.2	1131.8	1117.5	1113.8	1080.7	1036.6	1014.5	998.2
157.5°	1091.7	1094.2	1104.3	1114.4	1104.3	1094.2	1091.7	1066.0	1031.6	1014.5	1003.3
160°	1080.7	1082.1	1088.0	1093.7	1088.0	1082.1	1080.7	1058.6	1029.2	1014.5	1005.6
162.5°	1070.3	1071.7	1077.2	1082.7	1077.2	1071.7	1070.3	1051.7	1026.9	1014.5	1008.1
165°	1054.5	1055.9	1061.8	1067.6	1061.8	1055.9	1054.5	1041.2	1023.3	1014.5	1011.5
167.5°	1047.6	1048.2	1050.6	1053.1	1050.6	1048.2	1047.6	1038.9	1027.2	1021.4	1018.9
170°	1047.6	1047.6	1047.6	1047.6	1047.6	1047.6	1047.6	1038.9	1027.2	1021.4	1021.2
172.5°	1042.1	1041.5	1039.4	1037.3	1039.4	1041.5	1042.1	1035.1	1026.0	1021.4	1021.4
175°	1034.5	1034.5	1034.5	1034.5	1034.5	1034.5	1034.5	1030.2	1024.3	1021.4	1022.8
177.5°	1033.1	1032.5	1030.1	1027.6	1030.1	1032.5	1033.1	1029.6	1025.0	1022.7	1023.8
180°	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6	1027.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2353.0	2364.3	2371.0	2380.1	2402.6
5°	2262.9	2305.7	2319.2	2353.0	2393.6
7.5°	2064.5	2195.2	2231.3	2312.4	2375.6
10°	1873.0	2003.7	2066.8	2258.4	2353.0
12.5°	1776.0	1852.6	1895.5	2163.7	2321.5
15°	1715.2	1769.3	1800.9	2037.5	2285.4
17.5°	1667.8	1706.2	1728.7	1913.6	2235.8
20°	1638.5	1656.6	1676.9	1823.3	2179.5
22.5°	1618.3	1607.0	1622.7	1760.3	2102.9
25°	1604.7	1561.9	1579.9	1710.6	2012.7
27.5°	1616.0	1521.3	1528.1	1665.6	1918.0
30°	1618.3	1471.8	1474.0	1618.3	1812.1
32.5°	1602.5	1419.9	1422.2	1559.7	1692.6
35°	1564.2	1359.1	1356.8	1492.0	1530.4
37.5°	1512.4	1293.7	1293.7	1417.7	1352.3
40°	1449.2	1228.4	1235.1	1320.7	1194.5
42.5°	1372.6	1158.5	1167.5	1192.3	1077.3
45°	1289.2	1090.8	1097.7	1007.4	987.2
47.5°	1196.8	1021.0	1023.2	836.1	957.9
50°	1086.4	948.8	939.9	716.7	955.7
52.5°	989.4	870.0	843.0	649.1	867.8
55°	894.7	786.6	728.0	597.3	804.6
57.5°	811.4	678.4	622.0	536.4	791.1
60°	734.7	572.5	529.7	471.1	725.8
62.5°	671.7	493.6	484.6	426.0	658.1
65°	604.0	439.5	437.3	387.7	559.0
67.5°	538.7	403.4	401.2	351.6	426.0
70°	468.8	365.1	360.6	313.3	315.5
72.5°	396.7	322.3	317.8	281.8	261.4
75°	324.6	272.7	270.5	245.7	211.9
77.5°	254.7	216.4	220.8	198.4	155.5
80°	182.6	157.8	162.2	142.0	117.2
82.5°	121.7	103.7	108.2	90.1	78.9
85°	67.6	58.6	60.8	47.3	36.1
87.5°	31.5	27.1	27.1	18.0	11.3
90°	30.3	19.3	17.9	12.4	6.9
92.5°	187.1	133.1	121.4	74.5	27.6
95°	460.4	259.3	237.8	152.0	66.2
97.5°	620.2	284.8	265.9	190.1	114.5
100°	678.3	306.2	289.0	220.4	151.8
102.5°	705.1	327.6	311.6	247.5	183.5
105°	724.8	359.3	345.7	291.5	237.3
107.5°	728.5	406.2	393.6	342.9	292.4
110°	722.9	432.4	420.9	375.3	329.6



TEST NUMBER: P935775

CATALOG NUMBER: SQ4-FA-125U-125D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	723.2	464.2	453.2	409.7	366.2
115°	729.9	511.8	501.7	461.5	421.4
117.5°	743.4	557.9	548.8	512.4	475.9
120°	754.4	584.8	576.2	541.9	507.6
122.5°	770.3	616.5	607.9	573.3	538.7
125°	791.7	657.2	649.3	617.8	586.2
127.5°	813.1	696.5	688.6	656.7	624.8
130°	828.7	722.7	714.1	679.9	645.5
132.5°	841.4	744.1	735.5	701.3	666.9
135°	855.1	768.9	761.1	729.8	698.6
137.5°	875.8	800.7	793.0	762.0	731.0
140°	888.4	822.0	814.9	786.4	757.9
142.5°	899.1	837.9	831.3	805.0	778.6
145°	912.9	862.1	856.3	833.3	810.3
147.5°	933.1	892.4	886.8	864.5	842.1
150°	943.7	908.2	903.2	883.0	862.8
152.5°	950.6	918.6	914.8	899.5	884.1
155°	965.7	941.4	938.5	927.2	915.9
157.5°	980.9	964.1	961.3	950.3	939.3
160°	987.8	974.5	972.4	963.7	955.1
162.5°	995.2	985.5	983.9	977.4	971.0
165°	1005.7	1001.4	1000.0	994.1	988.3
167.5°	1014.0	1010.4	1009.7	1006.9	1004.2
170°	1020.9	1020.7	1020.0	1017.2	1014.5
172.5°	1021.4	1021.4	1021.2	1020.6	1020.0
175°	1025.6	1027.6	1027.6	1027.6	1027.6
177.5°	1026.0	1027.6	1027.6	1027.6	1027.6
180°	1027.6	1027.6	1027.6	1027.6	1027.6



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.97	14.82	14.95	15.81	17.10	16.80	17.64	17.77	18.63	19.93
	3H	14.45	15.21	15.43	16.20	17.52	18.14	18.90	19.13	19.89	21.21
	4H	14.64	15.36	15.64	16.36	17.68	18.58	19.30	19.58	20.30	21.63
	6H	14.76	15.42	15.77	16.42	17.76	18.87	19.53	19.87	20.53	21.87
	8H	14.76	15.39	15.77	16.41	17.75	18.94	19.57	19.95	20.59	21.93
	12H	14.73	15.33	15.75	16.34	17.70	18.98	19.57	20.00	20.59	21.95
4H	2H	15.00	15.72	16.01	16.72	18.05	17.21	17.92	18.21	18.92	20.25
	3H	16.03	16.63	17.04	17.65	19.00	18.71	19.31	19.72	20.33	21.68
	4H	16.30	16.85	17.33	17.87	19.24	19.23	19.78	20.26	20.80	22.17
	6H	16.43	16.90	17.46	17.94	19.30	19.60	20.07	20.63	21.11	22.47
	8H	16.43	16.87	17.47	17.91	19.29	19.70	20.14	20.74	21.18	22.55
	12H	16.40	16.80	17.45	17.85	19.23	19.76	20.15	20.81	21.21	22.59
8H	4H	16.76	17.19	17.79	18.23	19.61	19.36	19.80	20.39	20.83	22.21
	6H	17.02	17.38	18.07	18.46	19.83	19.79	20.15	20.85	21.23	22.61
	8H	17.06	17.38	18.12	18.44	19.83	19.94	20.26	21.01	21.33	22.72
	12H	17.04	17.32	18.11	18.38	19.82	20.04	20.32	21.11	21.38	22.81
12H	4H	16.76	17.16	17.81	18.21	19.59	19.32	19.72	20.37	20.77	22.15
	6H	17.08	17.40	18.14	18.46	19.85	19.79	20.11	20.85	21.17	22.56
	8H	17.14	17.42	18.21	18.48	19.92	19.95	20.23	21.02	21.29	22.72