

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: P935738

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935738
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-92765-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

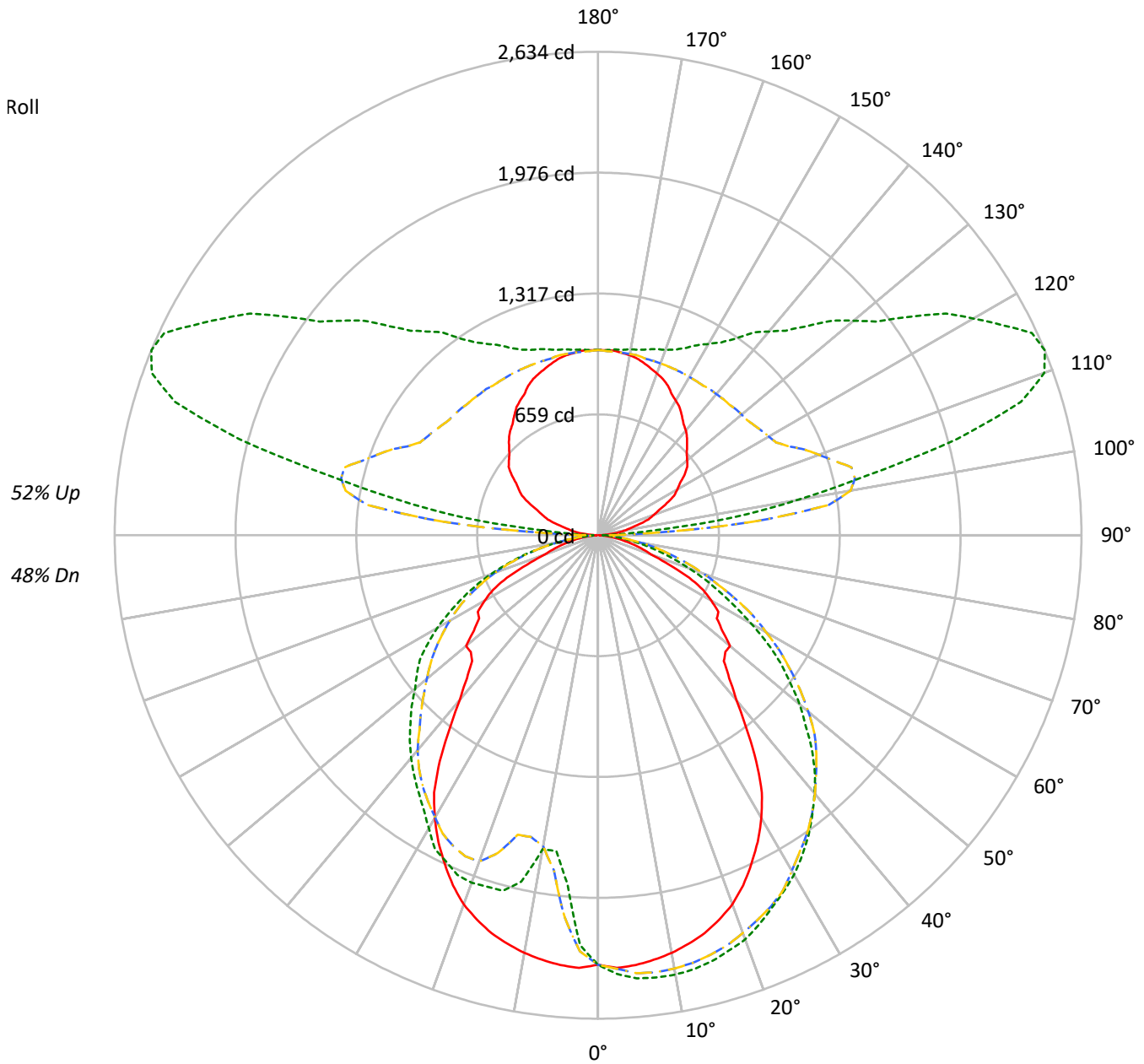
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12611.3 lumens
Efficiency: N/A
Efficacy: 111.8 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

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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				
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°	14473	14473	14473	14473
5°	14575	14609	14575	11487
10°	14472	14391	14472	10288
15°	14310	14079	14310	11756
20°	14005	13710	14005	11781
25°	13387	13171	13387	11531
30°	12590	12724	12590	10983
35°	11219	12158	11219	10381
40°	9343	11492	9343	9925
45°	8342	10712	8342	9402
50°	8856	9783	8856	8877
55°	8324	8781	8324	8573
60°	8570	7458	8570	7852
65°	7757	6165	7757	6891
70°	5358	4913	5358	5776
75°	4683	3632	4683	4349
80°	3746	2401	3746	2614
85°	2111	1271	2111	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12793 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.2	1.7
10°-20°	599.6	4.8
20°-30°	926.9	7.3
30°-40°	1106.5	8.8
40°-50°	1113.0	8.8
50°-60°	968.4	7.7
60°-70°	686.6	5.4
70°-80°	363.3	2.9
80°-90°	94.3	0.7
90°-100°	491.9	3.9
100°-110°	1293.2	10.3
110°-120°	1340.9	10.6
120°-130°	1075.6	8.5
130°-140°	843.9	6.7
140°-150°	647.8	5.1
150°-160°	466.5	3.7
160°-170°	285.4	2.3
170°-180°	96.4	0.8
0°-30°	1737.6	13.8
0°-40°	2844.1	22.6
0°-60°	4925.5	39.1
0°-90°	6069.7	48.1
90°-120°	3126.0	24.8
90°-150°	5693.3	45.1
90°-180°	6542.0	51.9
0°-180°	12611.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2340	2340	2340	2340	2340	
5°	2351	2424	2351	1906	2351	223
15°	2244	2402	2244	2005	2244	631
25°	1976	2240	1976	1961	1976	908
35°	1503	1999	1503	1706	1503	930
45°	969	1647	969	1445	969	777
55°	790	1215	790	1186	790	726
65°	549	733	549	819	549	525
75°	208	348	208	416	208	219
85°	35	88	35	75	35	48
90°	7	26	7	26	7	7
95°	65	297	65	297	65	72
105°	233	2025	233	2025	233	247
115°	414	2607	414	2607	414	409
125°	576	2076	576	2076	576	511
135°	686	1611	686	1611	686	531
145°	796	1307	796	1307	796	499
155°	899	1126	899	1126	899	413
165°	970	1048	970	1048	970	274
175°	1009	1016	1009	1016	1009	96
180°	1009	1009	1009	1009	1009	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2359.4	2359.4	2372.7	2377.1	2377.1	2370.5	2363.8	2370.5	2390.4	2397.0	2394.8
5°	2350.6	2368.3	2392.6	2397.0	2401.5	2399.2	2394.8	2399.2	2421.4	2425.8	2428.0
7.5°	2332.9	2366.0	2397.0	2403.7	2410.3	2403.7	2401.5	2405.9	2428.0	2432.5	2432.5
10°	2310.7	2357.2	2392.6	2397.0	2403.7	2397.0	2397.0	2405.9	2428.0	2432.5	2434.6
12.5°	2279.8	2343.9	2377.1	2381.5	2390.4	2388.2	2386.0	2394.8	2416.9	2421.4	2421.4
15°	2244.4	2319.5	2350.6	2355.0	2370.5	2366.0	2366.0	2374.9	2399.2	2405.9	2403.7
17.5°	2195.6	2288.6	2324.0	2330.6	2341.7	2339.5	2341.7	2350.6	2372.7	2377.1	2379.3
20°	2140.3	2246.5	2288.6	2295.2	2306.3	2306.3	2306.3	2317.3	2339.5	2348.3	2348.3
22.5°	2065.1	2202.2	2246.5	2251.0	2264.2	2264.2	2268.7	2284.1	2304.1	2306.3	2306.3
25°	1976.5	2153.6	2191.2	2204.5	2217.8	2224.4	2231.0	2239.9	2246.5	2244.4	2246.5
27.5°	1883.5	2091.6	2140.3	2149.1	2166.8	2173.5	2182.4	2184.5	2186.8	2193.4	2189.0
30°	1779.5	2005.2	2078.3	2087.1	2115.9	2120.4	2111.5	2115.9	2127.0	2131.4	2135.9
32.5°	1662.2	1876.9	2014.1	2034.0	2060.6	2047.4	2045.1	2051.7	2069.4	2069.4	2073.9
35°	1502.9	1777.3	1954.4	1972.1	1992.0	1976.5	1985.4	1987.5	1998.6	2005.2	2003.1
37.5°	1328.0	1691.0	1892.4	1905.7	1921.2	1901.2	1914.6	1921.2	1930.0	1925.6	1925.6
40°	1173.1	1556.0	1819.3	1828.2	1841.5	1826.0	1839.3	1843.7	1848.1	1843.7	1841.5
42.5°	1058.0	1407.6	1741.9	1753.0	1744.1	1755.1	1759.6	1768.5	1761.8	1753.0	1753.0
45°	969.4	1367.9	1657.7	1671.1	1657.7	1675.5	1682.2	1682.2	1662.2	1657.7	1655.6
47.5°	940.7	1288.2	1573.7	1573.7	1567.0	1589.2	1600.3	1584.7	1564.8	1558.2	1558.2
50°	938.5	1199.7	1458.6	1449.8	1480.7	1507.3	1496.2	1480.7	1465.2	1440.9	1440.9
52.5°	852.2	1091.2	1310.3	1343.5	1392.2	1407.6	1389.9	1374.5	1347.9	1336.8	1328.0
55°	790.2	978.2	1175.2	1241.7	1292.6	1312.5	1279.3	1263.8	1224.0	1217.4	1212.9
57.5°	776.9	814.5	1051.3	1135.5	1197.4	1195.2	1175.2	1146.5	1113.3	1106.7	1104.4
60°	712.7	588.7	918.5	1018.1	1082.3	1075.7	1058.0	1031.4	1000.4	996.0	991.6
62.5°	646.3	427.2	768.0	880.9	971.6	969.4	953.9	914.1	892.0	880.9	872.0
65°	548.9	358.6	546.7	732.6	863.2	867.6	834.4	805.7	781.3	768.0	765.8
67.5°	418.3	292.1	369.7	610.9	759.2	754.7	712.7	699.4	668.4	661.8	648.5
70°	309.8	194.8	256.7	495.8	657.3	646.3	613.1	597.6	568.8	553.3	544.5
72.5°	256.7	157.1	188.1	385.1	553.3	540.1	511.3	493.6	469.2	456.0	447.1
75°	208.1	166.0	143.9	285.5	449.3	440.5	413.9	396.2	376.3	358.6	360.8
77.5°	152.7	155.0	115.1	210.2	356.3	343.1	327.5	305.5	296.6	278.9	278.9
80°	115.1	121.7	86.3	143.9	256.7	256.7	243.5	227.9	212.5	203.6	203.6
82.5°	77.4	77.4	64.2	90.8	174.8	168.2	159.3	155.0	146.1	141.6	141.6
85°	35.4	44.3	39.9	55.4	95.1	99.6	99.6	95.1	93.0	88.5	90.8
87.5°	11.1	19.9	24.3	31.0	48.7	50.9	53.1	53.1	53.1	55.4	55.4
90°	6.8	12.2	17.6	18.9	29.7	44.2	51.5	45.7	34.3	25.7	25.7
92.5°	27.1	73.2	119.2	130.7	183.7	254.5	289.9	254.0	182.4	128.7	123.6
95°	65.1	149.3	233.5	254.6	452.1	715.6	847.3	756.1	573.6	436.8	421.3
97.5°	112.4	186.7	261.1	279.7	609.0	1048.3	1267.9	1210.2	1094.9	1008.4	978.9
100°	149.0	216.4	283.8	300.7	666.1	1153.5	1397.2	1401.4	1409.8	1416.1	1381.0
102.5°	180.2	243.0	306.0	321.7	692.4	1186.6	1433.7	1507.1	1654.1	1764.2	1734.1
105°	233.0	286.3	339.5	352.8	711.8	1190.4	1429.7	1594.3	1923.6	2170.6	2154.4
107.5°	287.2	336.8	386.5	398.9	715.4	1137.4	1348.4	1578.1	2037.4	2381.9	2385.8
110°	323.7	368.5	413.3	424.6	709.9	1090.4	1280.7	1537.4	2050.9	2436.1	2452.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	359.6	402.4	445.1	455.8	710.2	1049.4	1219.0	1481.8	2007.3	2401.5	2427.4
115°	413.8	453.2	492.7	502.6	716.8	1002.4	1145.2	1398.4	1904.7	2284.4	2320.3
117.5°	467.3	503.2	538.9	547.9	730.1	972.9	1094.4	1322.9	1779.8	2122.5	2162.3
120°	498.5	532.2	565.9	574.3	740.9	963.0	1074.1	1282.8	1700.3	2013.4	2052.2
122.5°	529.0	563.0	597.0	605.5	756.5	957.8	1058.6	1246.6	1622.5	1904.4	1942.5
125°	575.6	606.7	637.6	645.4	777.5	953.6	1041.6	1201.3	1520.7	1760.2	1795.3
127.5°	613.6	644.9	676.2	684.0	798.5	951.1	1027.4	1164.5	1438.8	1644.4	1674.0
130°	633.9	667.6	701.3	709.7	813.8	952.5	1021.9	1144.0	1388.1	1571.2	1598.6
132.5°	654.9	688.6	722.3	730.8	826.3	953.6	1017.2	1126.5	1345.0	1508.9	1533.4
135°	686.0	716.7	747.4	755.1	839.8	952.7	1009.1	1100.6	1283.6	1420.9	1442.0
137.5°	717.9	748.3	778.7	786.3	860.1	958.5	1007.7	1085.1	1239.8	1355.8	1373.1
140°	744.3	772.3	800.3	807.2	872.5	959.5	1003.0	1069.8	1203.5	1303.7	1319.9
142.5°	764.6	790.5	816.4	822.9	882.9	963.0	1003.0	1061.7	1179.1	1267.2	1281.1
145°	795.7	818.3	840.9	846.6	896.5	963.0	996.2	1044.3	1140.3	1212.3	1222.9
147.5°	826.9	848.9	870.9	876.4	916.3	969.6	996.2	1034.0	1109.6	1166.3	1175.0
150°	847.3	867.2	886.9	891.9	926.7	973.0	996.2	1028.1	1092.0	1139.8	1146.9
152.5°	868.2	883.3	898.4	902.1	933.5	975.3	996.2	1023.4	1077.9	1118.8	1124.1
155°	899.4	910.6	921.7	924.4	948.3	980.3	996.2	1017.9	1061.3	1093.8	1097.4
157.5°	922.4	933.3	944.1	946.8	963.2	985.2	996.2	1013.0	1046.8	1072.1	1074.5
160°	938.0	946.4	954.9	957.0	970.1	987.5	996.2	1010.7	1039.6	1061.3	1062.7
162.5°	953.6	959.8	966.2	967.8	977.3	989.9	996.2	1008.4	1032.7	1051.1	1052.5
165°	970.5	976.2	982.0	983.4	987.7	993.3	996.2	1004.9	1022.5	1035.5	1036.9
167.5°	986.1	988.8	991.5	992.2	995.8	1000.6	1003.0	1008.8	1020.2	1028.7	1029.3
170°	996.2	998.9	1001.6	1002.3	1002.6	1002.8	1003.0	1008.8	1020.2	1028.7	1028.7
172.5°	1001.6	1002.2	1002.8	1003.0	1003.0	1003.0	1003.0	1007.5	1016.5	1023.3	1022.8
175°	1009.1	1009.1	1009.1	1009.1	1007.1	1004.4	1003.0	1005.9	1011.6	1015.9	1015.9
177.5°	1009.1	1009.1	1009.1	1009.1	1007.5	1005.4	1004.3	1006.6	1011.1	1014.5	1013.9
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2399.2	2392.6	2399.2	2394.8	2397.0	2390.4	2370.5	2363.8	2370.5	2377.1	2377.1
5°	2428.0	2423.6	2428.0	2428.0	2425.8	2421.4	2399.2	2394.8	2399.2	2401.5	2397.0
7.5°	2436.9	2430.3	2436.9	2432.5	2432.5	2428.0	2405.9	2401.5	2403.7	2410.3	2403.7
10°	2436.9	2430.3	2436.9	2434.6	2432.5	2428.0	2405.9	2397.0	2397.0	2403.7	2397.0
12.5°	2425.8	2421.4	2425.8	2421.4	2421.4	2416.9	2394.8	2386.0	2388.2	2390.4	2381.5
15°	2408.1	2401.5	2408.1	2403.7	2405.9	2399.2	2374.9	2366.0	2366.0	2370.5	2355.0
17.5°	2381.5	2372.7	2381.5	2379.3	2377.1	2372.7	2350.6	2341.7	2339.5	2341.7	2330.6
20°	2350.6	2343.9	2350.6	2348.3	2348.3	2339.5	2317.3	2306.3	2306.3	2306.3	2295.2
22.5°	2301.8	2295.2	2301.8	2306.3	2306.3	2304.1	2284.1	2268.7	2264.2	2264.2	2251.0
25°	2246.5	2239.9	2246.5	2246.5	2244.4	2246.5	2239.9	2231.0	2224.4	2217.8	2204.5
27.5°	2193.4	2189.0	2193.4	2189.0	2193.4	2186.8	2184.5	2182.4	2173.5	2166.8	2149.1
30°	2140.3	2135.9	2140.3	2135.9	2131.4	2127.0	2115.9	2111.5	2120.4	2115.9	2087.1
32.5°	2073.9	2069.4	2073.9	2073.9	2069.4	2069.4	2051.7	2045.1	2047.4	2060.6	2034.0
35°	2005.2	1998.6	2005.2	2003.1	2005.2	1998.6	1987.5	1985.4	1976.5	1992.0	1972.1
37.5°	1925.6	1918.9	1925.6	1925.6	1925.6	1930.0	1921.2	1914.6	1901.2	1921.2	1905.7
40°	1843.7	1834.8	1843.7	1841.5	1843.7	1848.1	1843.7	1839.3	1826.0	1841.5	1828.2
42.5°	1750.8	1748.5	1750.8	1753.0	1753.0	1761.8	1768.5	1759.6	1755.1	1744.1	1753.0
45°	1651.1	1646.7	1651.1	1655.6	1657.7	1662.2	1682.2	1682.2	1675.5	1657.7	1671.1
47.5°	1544.9	1533.8	1544.9	1558.2	1558.2	1564.8	1584.7	1600.3	1589.2	1567.0	1573.7
50°	1432.1	1434.2	1432.1	1440.9	1440.9	1465.2	1480.7	1496.2	1507.3	1480.7	1449.8
52.5°	1321.4	1319.1	1321.4	1328.0	1336.8	1347.9	1374.5	1389.9	1407.6	1392.2	1343.5
55°	1210.6	1215.1	1210.6	1212.9	1217.4	1224.0	1263.8	1279.3	1312.5	1292.6	1241.7
57.5°	1100.0	1093.4	1100.0	1104.4	1106.7	1113.3	1146.5	1175.2	1195.2	1197.4	1135.5
60°	971.6	962.8	971.6	991.6	996.0	1000.4	1031.4	1058.0	1075.7	1082.3	1018.1
62.5°	858.8	843.3	858.8	872.0	880.9	892.0	914.1	953.9	969.4	971.6	880.9
65°	739.2	732.6	739.2	765.8	768.0	781.3	805.7	834.4	867.6	863.2	732.6
67.5°	630.8	630.8	630.8	648.5	661.8	668.4	699.4	712.7	754.7	759.2	610.9
70°	531.2	529.0	531.2	544.5	553.3	568.8	597.6	613.1	646.3	657.3	495.8
72.5°	436.0	433.8	436.0	447.1	456.0	469.2	493.6	511.3	540.1	553.3	385.1
75°	352.0	347.5	352.0	360.8	358.6	376.3	396.2	413.9	440.5	449.3	285.5
77.5°	270.1	270.1	270.1	278.9	278.9	296.6	305.5	327.5	343.1	356.3	210.2
80°	201.4	199.2	201.4	203.6	203.6	212.5	227.9	243.5	256.7	256.7	143.9
82.5°	141.6	137.3	141.6	141.6	141.6	146.1	155.0	159.3	168.2	174.8	90.8
85°	88.5	88.5	88.5	90.8	88.5	93.0	95.1	99.6	99.6	95.1	55.4
87.5°	57.6	55.4	57.6	55.4	55.4	53.1	53.1	53.1	50.9	48.7	31.0
90°	25.7	25.7	25.7	25.7	25.7	34.3	45.7	51.5	44.2	29.7	18.9
92.5°	103.1	82.6	103.1	123.6	128.7	182.4	254.0	289.9	254.5	183.7	130.7
95°	359.3	297.3	359.3	421.3	436.8	573.6	756.1	847.3	715.6	452.1	254.6
97.5°	861.0	743.0	861.0	978.9	1008.4	1094.9	1210.2	1267.9	1048.3	609.0	279.7
100°	1240.5	1099.9	1240.5	1381.0	1416.1	1409.8	1401.4	1397.2	1153.5	666.1	300.7
102.5°	1613.7	1493.4	1613.7	1734.1	1764.2	1654.1	1507.1	1433.7	1186.6	692.4	321.7
105°	2089.7	2025.0	2089.7	2154.4	2170.6	1923.6	1594.3	1429.7	1190.4	711.8	352.8
107.5°	2401.4	2417.1	2401.4	2385.8	2381.9	2037.4	1578.1	1348.4	1137.4	715.4	398.9
110°	2520.4	2587.8	2520.4	2452.9	2436.1	2050.9	1537.4	1280.7	1090.4	709.9	424.6



TEST NUMBER: P935738

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2530.9	2634.5	2530.9	2427.4	2401.5	2007.3	1481.8	1219.0	1049.4	710.2	455.8
115°	2463.8	2607.4	2463.8	2320.3	2284.4	1904.7	1398.4	1145.2	1002.4	716.8	502.6
117.5°	2321.5	2480.8	2321.5	2162.3	2122.5	1779.8	1322.9	1094.4	972.9	730.1	547.9
120°	2206.9	2361.6	2206.9	2052.2	2013.4	1700.3	1282.8	1074.1	963.0	740.9	574.3
122.5°	2095.1	2247.8	2095.1	1942.5	1904.4	1622.5	1246.6	1058.6	957.8	756.5	605.5
125°	1935.9	2076.5	1935.9	1795.3	1760.2	1520.7	1201.3	1041.6	953.6	777.5	645.4
127.5°	1792.6	1911.2	1792.6	1674.0	1644.4	1438.8	1164.5	1027.4	951.1	798.5	684.0
130°	1708.2	1817.8	1708.2	1598.6	1571.2	1388.1	1144.0	1021.9	952.5	813.8	709.7
132.5°	1631.6	1729.7	1631.6	1533.4	1508.9	1345.0	1126.5	1017.2	953.6	826.3	730.8
135°	1526.6	1611.2	1526.6	1442.0	1420.9	1283.6	1100.6	1009.1	952.7	839.8	755.1
137.5°	1442.3	1511.6	1442.3	1373.1	1355.8	1239.8	1085.1	1007.7	958.5	860.1	786.3
140°	1384.6	1449.3	1384.6	1319.9	1303.7	1203.5	1069.8	1003.0	959.5	872.5	807.2
142.5°	1336.7	1392.5	1336.7	1281.1	1267.2	1179.1	1061.7	1003.0	963.0	882.9	822.9
145°	1265.0	1307.1	1265.0	1222.9	1212.3	1140.3	1044.3	996.2	963.0	896.5	846.6
147.5°	1209.9	1244.8	1209.9	1175.0	1166.3	1109.6	1034.0	996.2	969.6	916.3	876.4
150°	1175.2	1203.5	1175.2	1146.9	1139.8	1092.0	1028.1	996.2	973.0	926.7	891.9
152.5°	1145.5	1166.9	1145.5	1124.1	1118.8	1077.9	1023.4	996.2	975.3	933.5	902.1
155°	1111.5	1125.6	1111.5	1097.4	1093.8	1061.3	1017.9	996.2	980.3	948.3	924.4
157.5°	1084.5	1094.4	1084.5	1074.5	1072.1	1046.8	1013.0	996.2	985.2	963.2	946.8
160°	1068.4	1074.1	1068.4	1062.7	1061.3	1039.6	1010.7	996.2	987.5	970.1	957.0
162.5°	1057.9	1063.3	1057.9	1052.5	1051.1	1032.7	1008.4	996.2	989.9	977.3	967.8
165°	1042.7	1048.4	1042.7	1036.9	1035.5	1022.5	1004.9	996.2	993.3	987.7	983.4
167.5°	1031.7	1034.1	1031.7	1029.3	1028.7	1020.2	1008.8	1003.0	1000.6	995.8	992.2
170°	1028.7	1028.7	1028.7	1028.7	1028.7	1020.2	1008.8	1003.0	1002.8	1002.6	1002.3
172.5°	1020.7	1018.6	1020.7	1022.8	1023.3	1016.5	1007.5	1003.0	1003.0	1003.0	1003.0
175°	1015.9	1015.9	1015.9	1015.9	1015.9	1011.6	1005.9	1003.0	1004.4	1007.1	1009.1
177.5°	1011.6	1009.1	1011.6	1013.9	1014.5	1011.1	1006.6	1004.3	1005.4	1007.5	1009.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



TEST NUMBER: P935738

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2372.7	2359.4	2359.4	2337.3	2328.4	2321.8	2310.7	2277.5	2268.7	2259.8	2273.0
5°	2392.6	2368.3	2350.6	2310.7	2277.5	2264.2	2222.2	2142.5	2089.4	2049.5	2027.4
7.5°	2397.0	2366.0	2332.9	2270.9	2191.2	2155.8	2027.4	1881.3	1841.5	1806.1	1783.9
10°	2392.6	2357.2	2310.7	2217.8	2029.7	1967.7	1839.3	1744.1	1719.7	1713.1	1719.7
12.5°	2377.1	2343.9	2279.8	2124.8	1861.4	1819.3	1744.1	1688.8	1684.3	1695.4	1755.1
15°	2350.6	2319.5	2244.4	2000.9	1768.5	1737.4	1684.3	1664.5	1688.8	1766.2	1945.5
17.5°	2324.0	2288.6	2195.6	1879.1	1697.6	1675.5	1637.9	1677.7	1815.0	1918.9	1978.7
20°	2288.6	2246.5	2140.3	1790.5	1646.7	1626.8	1609.1	1788.4	1892.4	1930.0	1963.2
22.5°	2246.5	2202.2	2065.1	1728.6	1593.6	1578.1	1589.2	1850.4	1892.4	1918.9	1947.7
25°	2191.2	2153.6	1976.5	1679.9	1551.5	1533.8	1575.9	1843.7	1868.1	1874.7	1932.3
27.5°	2140.3	2091.6	1883.5	1635.7	1500.6	1494.0	1586.9	1815.0	1832.7	1839.3	1901.2
30°	2078.3	2005.2	1779.5	1589.2	1447.5	1445.3	1589.2	1779.5	1775.1	1792.8	1854.7
32.5°	2014.1	1876.9	1662.2	1531.6	1396.6	1394.4	1573.7	1726.4	1722.0	1746.3	1792.8
35°	1954.4	1777.3	1502.9	1465.2	1332.4	1334.6	1536.1	1664.5	1666.6	1688.8	1717.6
37.5°	1892.4	1691.0	1328.0	1392.2	1270.5	1270.5	1485.2	1606.9	1602.4	1609.1	1648.9
40°	1819.3	1556.0	1173.1	1297.0	1212.9	1206.3	1423.2	1544.9	1529.4	1527.2	1582.6
42.5°	1741.9	1407.6	1058.0	1170.9	1146.5	1137.7	1347.9	1469.6	1440.9	1447.5	1518.3
45°	1657.7	1367.9	969.4	989.3	1077.9	1071.2	1266.0	1383.3	1363.4	1381.1	1454.1
47.5°	1573.7	1288.2	940.7	821.1	1004.8	1002.7	1175.2	1299.2	1288.2	1305.9	1383.3
50°	1458.6	1199.7	938.5	703.8	923.0	931.8	1066.8	1217.4	1217.4	1232.8	1314.7
52.5°	1310.3	1091.2	852.2	637.5	827.8	854.3	971.6	1146.5	1150.9	1166.4	1239.4
55°	1175.2	978.2	790.2	586.5	714.9	772.4	878.7	1073.5	1082.3	1097.8	1164.2
57.5°	1051.3	814.5	776.9	526.8	610.9	666.2	796.8	1002.7	1007.0	1020.4	1084.5
60°	918.5	588.7	712.7	462.6	520.2	562.2	721.5	918.5	934.0	942.8	998.2
62.5°	768.0	427.2	646.3	418.3	475.9	484.7	659.6	838.8	858.8	865.4	898.6
65°	546.7	358.6	548.9	380.7	429.4	431.6	593.2	756.9	774.6	785.7	810.1
67.5°	369.7	292.1	418.3	345.2	394.0	396.2	529.0	661.8	686.1	695.0	710.4
70°	256.7	194.8	309.8	307.7	354.1	358.6	460.3	575.5	597.6	604.2	613.1
72.5°	188.1	157.1	256.7	276.7	312.1	316.5	389.5	478.0	500.2	506.8	511.3
75°	143.9	166.0	208.1	241.3	265.6	267.8	318.7	389.5	405.1	409.5	411.7
77.5°	115.1	155.0	152.7	194.8	216.9	212.5	250.1	301.0	314.3	314.3	314.3
80°	86.3	121.7	115.1	139.4	159.3	155.0	179.3	214.7	219.1	223.5	221.3
82.5°	64.2	77.4	77.4	88.5	106.2	101.9	119.6	139.4	139.4	139.4	143.9
85°	39.9	44.3	35.4	46.5	59.7	57.6	66.4	75.3	77.4	77.4	73.1
87.5°	24.3	19.9	11.1	17.7	26.6	26.6	31.0	33.2	31.0	31.0	31.0
90°	17.6	12.2	6.8	12.2	17.6	18.9	29.7	44.2	51.5	45.7	34.3
92.5°	119.2	73.2	27.1	73.2	119.2	130.7	183.7	254.5	289.9	254.0	182.4
95°	233.5	149.3	65.1	149.3	233.5	254.6	452.1	715.6	847.3	756.1	573.6
97.5°	261.1	186.7	112.4	186.7	261.1	279.7	609.0	1048.3	1267.9	1210.2	1094.9
100°	283.8	216.4	149.0	216.4	283.8	300.7	666.1	1153.5	1397.2	1401.4	1409.8
102.5°	306.0	243.0	180.2	243.0	306.0	321.7	692.4	1186.6	1433.7	1507.1	1654.1
105°	339.5	286.3	233.0	286.3	339.5	352.8	711.8	1190.4	1429.7	1594.3	1923.6
107.5°	386.5	336.8	287.2	336.8	386.5	398.9	715.4	1137.4	1348.4	1578.1	2037.4
110°	413.3	368.5	323.7	368.5	413.3	424.6	709.9	1090.4	1280.7	1537.4	2050.9



TEST NUMBER: P935738

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	445.1	402.4	359.6	402.4	445.1	455.8	710.2	1049.4	1219.0	1481.8	2007.3
115°	492.7	453.2	413.8	453.2	492.7	502.6	716.8	1002.4	1145.2	1398.4	1904.7
117.5°	538.9	503.2	467.3	503.2	538.9	547.9	730.1	972.9	1094.4	1322.9	1779.8
120°	565.9	532.2	498.5	532.2	565.9	574.3	740.9	963.0	1074.1	1282.8	1700.3
122.5°	597.0	563.0	529.0	563.0	597.0	605.5	756.5	957.8	1058.6	1246.6	1622.5
125°	637.6	606.7	575.6	606.7	637.6	645.4	777.5	953.6	1041.6	1201.3	1520.7
127.5°	676.2	644.9	613.6	644.9	676.2	684.0	798.5	951.1	1027.4	1164.5	1438.8
130°	701.3	667.6	633.9	667.6	701.3	709.7	813.8	952.5	1021.9	1144.0	1388.1
132.5°	722.3	688.6	654.9	688.6	722.3	730.8	826.3	953.6	1017.2	1126.5	1345.0
135°	747.4	716.7	686.0	716.7	747.4	755.1	839.8	952.7	1009.1	1100.6	1283.6
137.5°	778.7	748.3	717.9	748.3	778.7	786.3	860.1	958.5	1007.7	1085.1	1239.8
140°	800.3	772.3	744.3	772.3	800.3	807.2	872.5	959.5	1003.0	1069.8	1203.5
142.5°	816.4	790.5	764.6	790.5	816.4	822.9	882.9	963.0	1003.0	1061.7	1179.1
145°	840.9	818.3	795.7	818.3	840.9	846.6	896.5	963.0	996.2	1044.3	1140.3
147.5°	870.9	848.9	826.9	848.9	870.9	876.4	916.3	969.6	996.2	1034.0	1109.6
150°	886.9	867.2	847.3	867.2	886.9	891.9	926.7	973.0	996.2	1028.1	1092.0
152.5°	898.4	883.3	868.2	883.3	898.4	902.1	933.5	975.3	996.2	1023.4	1077.9
155°	921.7	910.6	899.4	910.6	921.7	924.4	948.3	980.3	996.2	1017.9	1061.3
157.5°	944.1	933.3	922.4	933.3	944.1	946.8	963.2	985.2	996.2	1013.0	1046.8
160°	954.9	946.4	938.0	946.4	954.9	957.0	970.1	987.5	996.2	1010.7	1039.6
162.5°	966.2	959.8	953.6	959.8	966.2	967.8	977.3	989.9	996.2	1008.4	1032.7
165°	982.0	976.2	970.5	976.2	982.0	983.4	987.7	993.3	996.2	1004.9	1022.5
167.5°	991.5	988.8	986.1	988.8	991.5	992.2	995.8	1000.6	1003.0	1008.8	1020.2
170°	1001.6	998.9	996.2	998.9	1001.6	1002.3	1002.6	1002.8	1003.0	1008.8	1020.2
172.5°	1002.8	1002.2	1001.6	1002.2	1002.8	1003.0	1003.0	1003.0	1003.0	1007.5	1016.5
175°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1007.1	1004.4	1003.0	1005.9	1011.6
177.5°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1007.5	1005.4	1004.3	1006.6	1011.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



TEST NUMBER: P935738

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2257.6	2251.0	2259.8	2235.5	2259.8	2251.0	2257.6	2273.0	2259.8	2268.7	2277.5
5°	1980.9	1969.8	1934.4	1905.7	1934.4	1969.8	1980.9	2027.4	2049.5	2089.4	2142.5
7.5°	1770.7	1761.8	1753.0	1735.3	1753.0	1761.8	1770.7	1783.9	1806.1	1841.5	1881.3
10°	1724.2	1726.4	1739.7	1737.4	1739.7	1726.4	1724.2	1719.7	1713.1	1719.7	1744.1
12.5°	1843.7	1863.6	1936.7	1932.3	1936.7	1863.6	1843.7	1755.1	1695.4	1684.3	1688.8
15°	1980.9	1987.5	2003.1	2005.2	2003.1	1987.5	1980.9	1945.5	1766.2	1688.8	1664.5
17.5°	1994.2	1996.4	2007.5	2007.5	2007.5	1996.4	1994.2	1978.7	1918.9	1815.0	1677.7
20°	1983.2	1987.5	2009.7	2014.1	2009.7	1987.5	1983.2	1963.2	1930.0	1892.4	1788.4
22.5°	1978.7	1987.5	2005.2	2003.1	2005.2	1987.5	1978.7	1947.7	1918.9	1892.4	1850.4
25°	1956.6	1956.6	1958.8	1961.0	1958.8	1956.6	1956.6	1932.3	1874.7	1868.1	1843.7
27.5°	1910.1	1914.6	1927.8	1925.6	1927.8	1914.6	1910.1	1901.2	1839.3	1832.7	1815.0
30°	1868.1	1863.6	1852.5	1843.7	1852.5	1863.6	1868.1	1854.7	1792.8	1775.1	1779.5
32.5°	1797.3	1786.2	1775.1	1768.5	1775.1	1786.2	1797.3	1792.8	1746.3	1722.0	1726.4
35°	1713.1	1715.3	1713.1	1706.5	1713.1	1715.3	1713.1	1717.6	1688.8	1666.6	1664.5
37.5°	1653.4	1657.7	1655.6	1646.7	1655.6	1657.7	1653.4	1648.9	1609.1	1602.4	1606.9
40°	1591.4	1593.6	1591.4	1584.7	1591.4	1593.6	1591.4	1582.6	1527.2	1529.4	1544.9
42.5°	1531.6	1529.4	1522.7	1518.3	1522.7	1529.4	1531.6	1518.3	1447.5	1440.9	1469.6
45°	1463.0	1465.2	1451.9	1445.3	1451.9	1465.2	1463.0	1454.1	1381.1	1363.4	1383.3
47.5°	1394.4	1394.4	1383.3	1376.7	1383.3	1394.4	1394.4	1383.3	1305.9	1288.2	1299.2
50°	1321.4	1319.1	1303.7	1301.4	1303.7	1319.1	1321.4	1314.7	1232.8	1217.4	1217.4
52.5°	1237.2	1237.2	1239.4	1243.9	1239.4	1237.2	1237.2	1239.4	1166.4	1150.9	1146.5
55°	1164.2	1166.4	1182.0	1186.3	1182.0	1166.4	1164.2	1164.2	1097.8	1082.3	1073.5
57.5°	1089.0	1089.0	1100.0	1100.0	1100.0	1089.0	1089.0	1084.5	1020.4	1007.0	1002.7
60°	1002.7	1007.0	1015.9	1013.7	1015.9	1007.0	1002.7	998.2	942.8	934.0	918.5
62.5°	911.9	916.3	918.5	914.1	918.5	916.3	911.9	898.6	865.4	858.8	838.8
65°	816.7	821.1	823.4	818.9	823.4	821.1	816.7	810.1	785.7	774.6	756.9
67.5°	719.3	717.1	714.9	723.8	714.9	717.1	719.3	710.4	695.0	686.1	661.8
70°	619.8	619.8	617.5	621.9	617.5	619.8	619.8	613.1	604.2	597.6	575.5
72.5°	513.5	511.3	520.2	513.5	520.2	511.3	513.5	511.3	506.8	500.2	478.0
75°	409.5	413.9	409.5	416.1	409.5	413.9	409.5	411.7	409.5	405.1	389.5
77.5°	312.1	316.5	312.1	312.1	312.1	316.5	312.1	314.3	314.3	314.3	301.0
80°	221.3	219.1	219.1	216.9	219.1	219.1	221.3	221.3	223.5	219.1	214.7
82.5°	141.6	139.4	139.4	143.9	139.4	139.4	141.6	143.9	139.4	139.4	139.4
85°	77.4	79.7	75.3	75.3	75.3	79.7	77.4	73.1	77.4	77.4	75.3
87.5°	28.8	26.6	26.6	26.6	26.6	26.6	28.8	31.0	31.0	31.0	33.2
90°	25.7	25.7	25.7	25.7	25.7	25.7	25.7	34.3	45.7	51.5	44.2
92.5°	128.7	123.6	103.1	82.6	103.1	123.6	128.7	182.4	254.0	289.9	254.5
95°	436.8	421.3	359.3	297.3	359.3	421.3	436.8	573.6	756.1	847.3	715.6
97.5°	1008.4	978.9	861.0	743.0	861.0	978.9	1008.4	1094.9	1210.2	1267.9	1048.3
100°	1416.1	1381.0	1240.5	1099.9	1240.5	1381.0	1416.1	1409.8	1401.4	1397.2	1153.5
102.5°	1764.2	1734.1	1613.7	1493.4	1613.7	1734.1	1764.2	1654.1	1507.1	1433.7	1186.6
105°	2170.6	2154.4	2089.7	2025.0	2089.7	2154.4	2170.6	1923.6	1594.3	1429.7	1190.4
107.5°	2381.9	2385.8	2401.4	2417.1	2401.4	2385.8	2381.9	2037.4	1578.1	1348.4	1137.4
110°	2436.1	2452.9	2520.4	2587.8	2520.4	2452.9	2436.1	2050.9	1537.4	1280.7	1090.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2401.5	2427.4	2530.9	2634.5	2530.9	2427.4	2401.5	2007.3	1481.8	1219.0	1049.4
115°	2284.4	2320.3	2463.8	2607.4	2463.8	2320.3	2284.4	1904.7	1398.4	1145.2	1002.4
117.5°	2122.5	2162.3	2321.5	2480.8	2321.5	2162.3	2122.5	1779.8	1322.9	1094.4	972.9
120°	2013.4	2052.2	2206.9	2361.6	2206.9	2052.2	2013.4	1700.3	1282.8	1074.1	963.0
122.5°	1904.4	1942.5	2095.1	2247.8	2095.1	1942.5	1904.4	1622.5	1246.6	1058.6	957.8
125°	1760.2	1795.3	1935.9	2076.5	1935.9	1795.3	1760.2	1520.7	1201.3	1041.6	953.6
127.5°	1644.4	1674.0	1792.6	1911.2	1792.6	1674.0	1644.4	1438.8	1164.5	1027.4	951.1
130°	1571.2	1598.6	1708.2	1817.8	1708.2	1598.6	1571.2	1388.1	1144.0	1021.9	952.5
132.5°	1508.9	1533.4	1631.6	1729.7	1631.6	1533.4	1508.9	1345.0	1126.5	1017.2	953.6
135°	1420.9	1442.0	1526.6	1611.2	1526.6	1442.0	1420.9	1283.6	1100.6	1009.1	952.7
137.5°	1355.8	1373.1	1442.3	1511.6	1442.3	1373.1	1355.8	1239.8	1085.1	1007.7	958.5
140°	1303.7	1319.9	1384.6	1449.3	1384.6	1319.9	1303.7	1203.5	1069.8	1003.0	959.5
142.5°	1267.2	1281.1	1336.7	1392.5	1336.7	1281.1	1267.2	1179.1	1061.7	1003.0	963.0
145°	1212.3	1222.9	1265.0	1307.1	1265.0	1222.9	1212.3	1140.3	1044.3	996.2	963.0
147.5°	1166.3	1175.0	1209.9	1244.8	1209.9	1175.0	1166.3	1109.6	1034.0	996.2	969.6
150°	1139.8	1146.9	1175.2	1203.5	1175.2	1146.9	1139.8	1092.0	1028.1	996.2	973.0
152.5°	1118.8	1124.1	1145.5	1166.9	1145.5	1124.1	1118.8	1077.9	1023.4	996.2	975.3
155°	1093.8	1097.4	1111.5	1125.6	1111.5	1097.4	1093.8	1061.3	1017.9	996.2	980.3
157.5°	1072.1	1074.5	1084.5	1094.4	1084.5	1074.5	1072.1	1046.8	1013.0	996.2	985.2
160°	1061.3	1062.7	1068.4	1074.1	1068.4	1062.7	1061.3	1039.6	1010.7	996.2	987.5
162.5°	1051.1	1052.5	1057.9	1063.3	1057.9	1052.5	1051.1	1032.7	1008.4	996.2	989.9
165°	1035.5	1036.9	1042.7	1048.4	1042.7	1036.9	1035.5	1022.5	1004.9	996.2	993.3
167.5°	1028.7	1029.3	1031.7	1034.1	1031.7	1029.3	1028.7	1020.2	1008.8	1003.0	1000.6
170°	1028.7	1028.7	1028.7	1028.7	1028.7	1028.7	1028.7	1020.2	1008.8	1003.0	1002.8
172.5°	1023.3	1022.8	1020.7	1018.6	1020.7	1022.8	1023.3	1016.5	1007.5	1003.0	1003.0
175°	1015.9	1015.9	1015.9	1015.9	1015.9	1015.9	1015.9	1011.6	1005.9	1003.0	1004.4
177.5°	1014.5	1013.9	1011.6	1009.1	1011.6	1013.9	1014.5	1011.1	1006.6	1004.3	1005.4
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2310.7	2321.8	2328.4	2337.3	2359.4
5°	2222.2	2264.2	2277.5	2310.7	2350.6
7.5°	2027.4	2155.8	2191.2	2270.9	2332.9
10°	1839.3	1967.7	2029.7	2217.8	2310.7
12.5°	1744.1	1819.3	1861.4	2124.8	2279.8
15°	1684.3	1737.4	1768.5	2000.9	2244.4
17.5°	1637.9	1675.5	1697.6	1879.1	2195.6
20°	1609.1	1626.8	1646.7	1790.5	2140.3
22.5°	1589.2	1578.1	1593.6	1728.6	2065.1
25°	1575.9	1533.8	1551.5	1679.9	1976.5
27.5°	1586.9	1494.0	1500.6	1635.7	1883.5
30°	1589.2	1445.3	1447.5	1589.2	1779.5
32.5°	1573.7	1394.4	1396.6	1531.6	1662.2
35°	1536.1	1334.6	1332.4	1465.2	1502.9
37.5°	1485.2	1270.5	1270.5	1392.2	1328.0
40°	1423.2	1206.3	1212.9	1297.0	1173.1
42.5°	1347.9	1137.7	1146.5	1170.9	1058.0
45°	1266.0	1071.2	1077.9	989.3	969.4
47.5°	1175.2	1002.7	1004.8	821.1	940.7
50°	1066.8	931.8	923.0	703.8	938.5
52.5°	971.6	854.3	827.8	637.5	852.2
55°	878.7	772.4	714.9	586.5	790.2
57.5°	796.8	666.2	610.9	526.8	776.9
60°	721.5	562.2	520.2	462.6	712.7
62.5°	659.6	484.7	475.9	418.3	646.3
65°	593.2	431.6	429.4	380.7	548.9
67.5°	529.0	396.2	394.0	345.2	418.3
70°	460.3	358.6	354.1	307.7	309.8
72.5°	389.5	316.5	312.1	276.7	256.7
75°	318.7	267.8	265.6	241.3	208.1
77.5°	250.1	212.5	216.9	194.8	152.7
80°	179.3	155.0	159.3	139.4	115.1
82.5°	119.6	101.9	106.2	88.5	77.4
85°	66.4	57.6	59.7	46.5	35.4
87.5°	31.0	26.6	26.6	17.7	11.1
90°	29.7	18.9	17.6	12.2	6.8
92.5°	183.7	130.7	119.2	73.2	27.1
95°	452.1	254.6	233.5	149.3	65.1
97.5°	609.0	279.7	261.1	186.7	112.4
100°	666.1	300.7	283.8	216.4	149.0
102.5°	692.4	321.7	306.0	243.0	180.2
105°	711.8	352.8	339.5	286.3	233.0
107.5°	715.4	398.9	386.5	336.8	287.2
110°	709.9	424.6	413.3	368.5	323.7



TEST NUMBER: P935738

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	710.2	455.8	445.1	402.4	359.6
115°	716.8	502.6	492.7	453.2	413.8
117.5°	730.1	547.9	538.9	503.2	467.3
120°	740.9	574.3	565.9	532.2	498.5
122.5°	756.5	605.5	597.0	563.0	529.0
125°	777.5	645.4	637.6	606.7	575.6
127.5°	798.5	684.0	676.2	644.9	613.6
130°	813.8	709.7	701.3	667.6	633.9
132.5°	826.3	730.8	722.3	688.6	654.9
135°	839.8	755.1	747.4	716.7	686.0
137.5°	860.1	786.3	778.7	748.3	717.9
140°	872.5	807.2	800.3	772.3	744.3
142.5°	882.9	822.9	816.4	790.5	764.6
145°	896.5	846.6	840.9	818.3	795.7
147.5°	916.3	876.4	870.9	848.9	826.9
150°	926.7	891.9	886.9	867.2	847.3
152.5°	933.5	902.1	898.4	883.3	868.2
155°	948.3	924.4	921.7	910.6	899.4
157.5°	963.2	946.8	944.1	933.3	922.4
160°	970.1	957.0	954.9	946.4	938.0
162.5°	977.3	967.8	966.2	959.8	953.6
165°	987.7	983.4	982.0	976.2	970.5
167.5°	995.8	992.2	991.5	988.8	986.1
170°	1002.6	1002.3	1001.6	998.9	996.2
172.5°	1003.0	1003.0	1002.8	1002.2	1001.6
175°	1007.1	1009.1	1009.1	1009.1	1009.1
177.5°	1007.5	1009.1	1009.1	1009.1	1009.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1



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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	13.91	14.76	14.88	15.74	17.04	16.74	17.58	17.71	18.57	19.86
	3H	14.39	15.14	15.37	16.14	17.46	18.08	18.83	19.06	19.83	21.15
	4H	14.58	15.29	15.58	16.29	17.62	18.52	19.24	19.52	20.24	21.56
	6H	14.70	15.36	15.70	16.36	17.70	18.80	19.46	19.81	20.47	21.81
	8H	14.70	15.32	15.71	16.35	17.68	18.88	19.50	19.89	20.53	21.86
	12H	14.67	15.26	15.69	16.28	17.64	18.91	19.51	19.93	20.53	21.89
4H	2H	14.94	15.66	15.94	16.66	17.98	17.14	17.86	18.15	18.86	20.19
	3H	15.97	16.56	16.98	17.59	18.93	18.65	19.24	19.66	20.27	21.61
	4H	16.24	16.79	17.26	17.81	19.17	19.17	19.72	20.19	20.74	22.10
	6H	16.37	16.84	17.40	17.88	19.24	19.53	20.00	20.57	21.05	22.41
	8H	16.37	16.81	17.40	17.85	19.22	19.64	20.08	20.67	21.12	22.49
	12H	16.34	16.73	17.39	17.79	19.17	19.70	20.09	20.75	21.14	22.52
8H	4H	16.69	17.13	17.73	18.17	19.54	19.30	19.73	20.33	20.77	22.15
	6H	16.95	17.32	18.01	18.39	19.77	19.73	20.09	20.79	21.17	22.54
	8H	17.00	17.31	18.06	18.38	19.77	19.88	20.20	20.94	21.26	22.66
	12H	16.98	17.26	18.05	18.32	19.75	19.98	20.26	21.04	21.32	22.75
12H	4H	16.70	17.09	17.75	18.15	19.53	19.26	19.65	20.31	20.71	22.09
	6H	17.01	17.33	18.08	18.40	19.79	19.73	20.05	20.79	21.11	22.50
	8H	17.08	17.36	18.15	18.42	19.85	19.89	20.17	20.95	21.23	22.66