

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: P935672

Luminaire Tested: SQ4-FA-125U-100D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935672
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

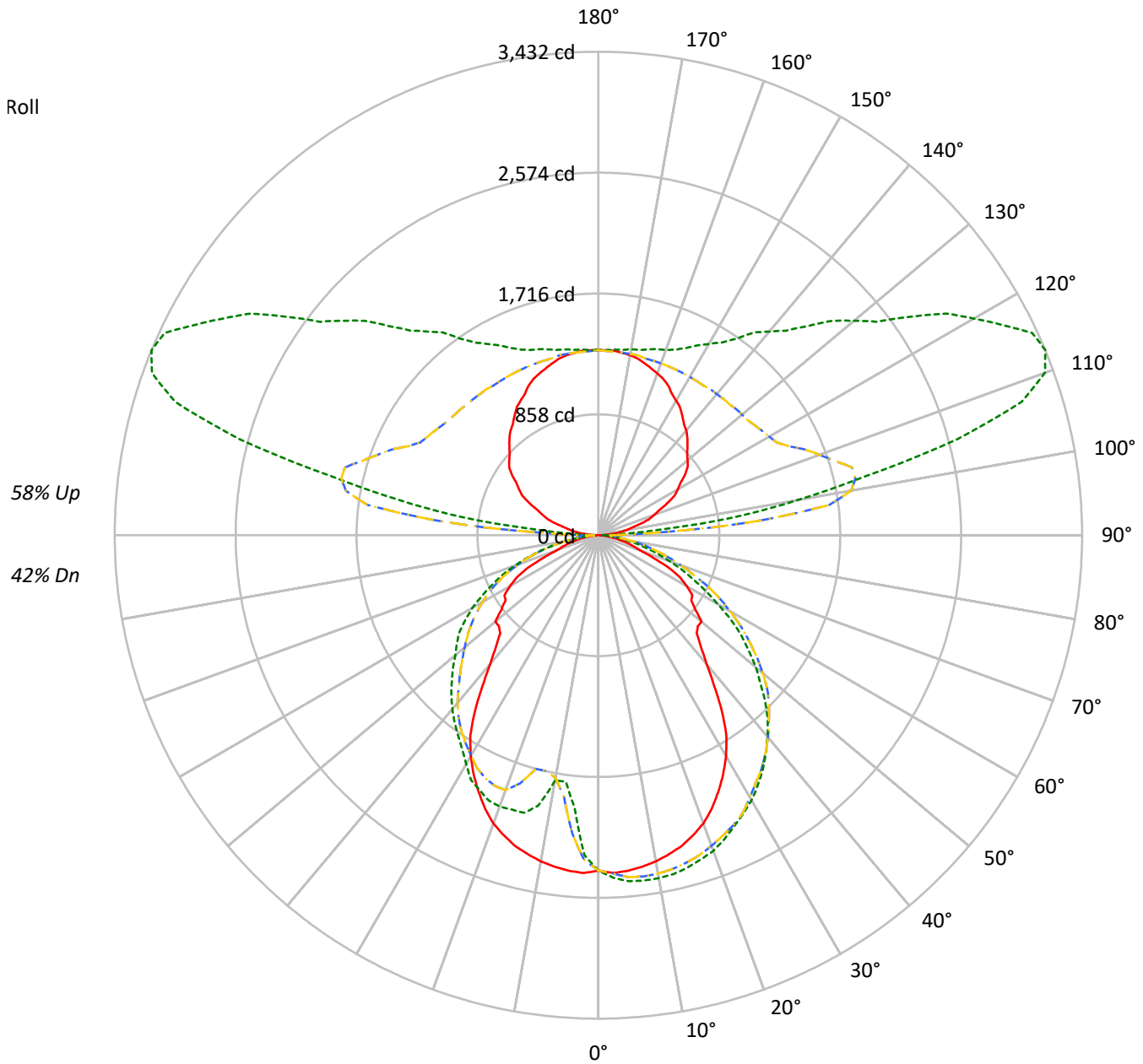
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14697.0 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 128.8
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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11041	11041	11041	11041
5°	11124	11146	11124	8764
10°	11049	10979	11049	7849
15°	10929	10741	10929	8969
20°	10700	10459	10700	8988
25°	10233	10048	10233	8797
30°	9628	9707	9628	8379
35°	8583	9275	8583	7919
40°	7152	8767	7152	7572
45°	6390	8172	6390	7173
50°	6789	7463	6789	6772
55°	6388	6699	6388	6541
60°	6585	5690	6585	5991
65°	5969	4703	5969	5257
70°	4134	3748	4134	4407
75°	3624	2771	3624	3318
80°	2922	1831	2922	1995
85°	1677	971	1677	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9794 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.8	1.5
10°-20°	609.9	4.1
20°-30°	942.8	6.4
30°-40°	1125.5	7.7
40°-50°	1132.1	7.7
50°-60°	985.1	6.7
60°-70°	698.4	4.8
70°-80°	369.5	2.5
80°-90°	97.0	0.7
90°-100°	640.8	4.4
100°-110°	1684.7	11.5
110°-120°	1746.8	11.9
120°-130°	1401.1	9.5
130°-140°	1099.4	7.5
140°-150°	843.8	5.7
150°-160°	607.7	4.1
160°-170°	371.8	2.5
170°-180°	125.6	0.9
0°-30°	1767.5	12.0
0°-40°	2893.0	19.7
0°-60°	5010.2	34.1
0°-90°	6175.2	42.0
90°-120°	4072.3	27.7
90°-150°	7416.7	50.5
90°-180°	8522.0	58.0
0°-180°	14697.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2380	2380	2380	2380	2380	
5°	2391	2465	2391	1938	2391	227
15°	2283	2443	2283	2040	2283	642
25°	2010	2278	2010	1995	2010	923
35°	1529	2033	1529	1736	1529	946
45°	986	1675	986	1470	986	790
55°	804	1236	804	1207	804	739
65°	558	745	558	833	558	534
75°	212	354	212	423	212	222
85°	36	90	36	76	36	49
90°	9	34	9	34	9	9
95°	85	387	85	387	85	94
105°	304	2638	304	2638	304	322
115°	539	3397	539	3397	539	532
125°	750	2705	750	2705	750	666
135°	894	2099	894	2099	894	691
145°	1037	1703	1037	1703	1037	649
155°	1172	1466	1172	1466	1172	538
165°	1264	1366	1264	1366	1264	357
175°	1315	1323	1315	1323	1315	125
180°	1315	1315	1315	1315	1315	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2400.0	2400.0	2413.5	2418.0	2418.0	2411.2	2404.5	2411.2	2431.5	2438.3	2436.0
5°	2391.0	2408.9	2433.7	2438.3	2442.8	2440.5	2436.0	2440.5	2463.0	2467.6	2469.8
7.5°	2373.0	2406.7	2438.3	2445.0	2451.8	2445.0	2442.8	2447.3	2469.8	2474.3	2474.3
10°	2350.4	2397.7	2433.7	2438.3	2445.0	2438.3	2438.3	2447.3	2469.8	2474.3	2476.5
12.5°	2318.9	2384.2	2418.0	2422.5	2431.5	2429.2	2427.0	2436.0	2458.5	2463.0	2463.0
15°	2282.9	2359.4	2391.0	2395.5	2411.2	2406.7	2406.7	2415.8	2440.5	2447.3	2445.0
17.5°	2233.3	2327.9	2364.0	2370.7	2381.9	2379.7	2381.9	2391.0	2413.5	2418.0	2420.3
20°	2177.1	2285.1	2327.9	2334.7	2346.0	2346.0	2346.0	2357.2	2379.7	2388.8	2388.8
22.5°	2100.5	2240.2	2285.1	2289.7	2303.1	2303.1	2307.6	2323.4	2343.7	2346.0	2346.0
25°	2010.5	2190.6	2228.8	2242.4	2255.9	2262.7	2269.4	2278.4	2285.1	2282.9	2285.1
27.5°	1915.9	2127.5	2177.1	2186.1	2204.1	2210.9	2219.9	2222.1	2224.4	2231.1	2226.6
30°	1810.1	2039.8	2114.1	2123.1	2152.3	2156.8	2147.8	2152.3	2163.6	2168.1	2172.6
32.5°	1690.8	1909.2	2048.8	2069.0	2096.0	2082.5	2080.2	2087.1	2105.0	2105.0	2109.6
35°	1528.7	1807.9	1988.0	2005.9	2026.2	2010.5	2019.5	2021.7	2033.0	2039.8	2037.5
37.5°	1350.8	1720.0	1924.9	1938.5	1954.2	1934.0	1947.4	1954.2	1963.2	1958.7	1958.7
40°	1193.2	1582.8	1850.6	1859.7	1873.1	1857.4	1870.9	1875.4	1879.9	1875.4	1873.1
42.5°	1076.2	1431.9	1771.8	1783.1	1774.1	1785.4	1789.9	1798.8	1792.1	1783.1	1783.1
45°	986.1	1391.3	1686.3	1699.8	1686.3	1704.3	1711.1	1711.1	1690.8	1686.3	1684.1
47.5°	956.9	1310.3	1600.7	1600.7	1594.0	1616.5	1627.7	1612.0	1591.7	1585.0	1585.0
50°	954.6	1220.2	1483.7	1474.6	1506.2	1533.2	1521.9	1506.2	1490.4	1465.6	1465.6
52.5°	866.8	1109.9	1332.8	1366.6	1416.1	1431.9	1413.9	1398.1	1371.1	1359.9	1350.8
55°	803.8	995.1	1195.5	1263.0	1314.8	1335.1	1301.3	1285.6	1245.0	1238.3	1233.8
57.5°	790.2	828.5	1069.4	1155.0	1218.0	1215.7	1195.5	1166.2	1132.5	1125.7	1123.4
60°	725.0	598.9	934.3	1035.6	1101.0	1094.1	1076.2	1049.2	1017.6	1013.1	1008.6
62.5°	657.4	434.5	781.2	896.0	988.3	986.1	970.3	929.8	907.3	896.0	887.0
65°	558.3	364.7	556.1	745.2	878.1	882.5	848.8	819.5	794.7	781.2	779.0
67.5°	425.5	297.2	376.0	621.4	772.3	767.7	725.0	711.4	679.9	673.2	659.6
70°	315.2	198.1	261.1	504.3	668.6	657.4	623.7	607.9	578.6	562.8	553.8
72.5°	261.1	159.8	191.4	391.7	562.8	549.4	520.1	502.1	477.3	463.7	454.8
75°	211.6	168.9	146.4	290.4	457.0	448.1	421.0	403.0	382.7	364.7	367.0
77.5°	155.3	157.6	117.1	213.9	362.4	349.0	333.2	310.7	301.7	283.7	283.7
80°	117.1	123.8	87.8	146.4	261.1	261.1	247.7	231.9	216.2	207.1	207.1
82.5°	78.8	78.8	65.3	92.3	177.9	171.1	162.1	157.6	148.6	144.1	144.1
85°	36.0	45.0	40.6	56.3	96.8	101.3	101.3	96.8	94.6	90.1	92.3
87.5°	11.2	20.3	24.8	31.5	49.5	51.8	54.0	54.0	54.0	56.3	56.3
90°	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6	33.5	33.5
92.5°	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6	167.6	160.9
95°	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3	569.1	548.9
97.5°	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3	1313.7	1275.3
100°	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6	1844.8	1799.1
102.5°	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8	2298.3	2259.1
105°	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9	2827.6	2806.6
107.5°	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2	3102.9	3108.0
110°	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8	3173.4	3195.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0	3128.5	3162.2
115°	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2	2975.9	3022.6
117.5°	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5	2765.0	2816.9
120°	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0	2623.0	2673.3
122.5°	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6	2480.9	2530.6
125°	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0	2293.0	2338.7
127.5°	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2	2142.1	2180.7
130°	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4	2046.8	2082.5
132.5°	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1	1965.6	1997.6
135°	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1	1851.0	1878.5
137.5°	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1	1766.3	1788.9
140°	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8	1698.4	1719.4
142.5°	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0	1650.7	1668.8
145°	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5	1579.3	1593.0
147.5°	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4	1519.3	1530.6
150°	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5	1484.9	1494.1
152.5°	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3	1457.5	1464.5
155°	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5	1424.9	1429.5
157.5°	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6	1396.6	1399.8
160°	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3	1382.5	1384.3
162.5°	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4	1369.2	1371.0
165°	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9	1349.0	1350.8
167.5°	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9	1340.1	1340.9
170°	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9	1340.1	1340.1
172.5°	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3	1333.1	1332.4
175°	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8	1323.4	1323.4
177.5°	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2	1321.6	1320.9
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2440.5	2433.7	2440.5	2436.0	2438.3	2431.5	2411.2	2404.5	2411.2	2418.0	2418.0
5°	2469.8	2465.3	2469.8	2469.8	2467.6	2463.0	2440.5	2436.0	2440.5	2442.8	2438.3
7.5°	2478.8	2472.0	2478.8	2474.3	2474.3	2469.8	2447.3	2442.8	2445.0	2451.8	2445.0
10°	2478.8	2472.0	2478.8	2476.5	2474.3	2469.8	2447.3	2438.3	2438.3	2445.0	2438.3
12.5°	2467.6	2463.0	2467.6	2463.0	2463.0	2458.5	2436.0	2427.0	2429.2	2431.5	2422.5
15°	2449.5	2442.8	2449.5	2445.0	2447.3	2440.5	2415.8	2406.7	2406.7	2411.2	2395.5
17.5°	2422.5	2413.5	2422.5	2420.3	2418.0	2413.5	2391.0	2381.9	2379.7	2381.9	2370.7
20°	2391.0	2384.2	2391.0	2388.8	2388.8	2379.7	2357.2	2346.0	2346.0	2346.0	2334.7
22.5°	2341.5	2334.7	2341.5	2346.0	2346.0	2343.7	2323.4	2307.6	2303.1	2303.1	2289.7
25°	2285.1	2278.4	2285.1	2285.1	2282.9	2285.1	2278.4	2269.4	2262.7	2255.9	2242.4
27.5°	2231.1	2226.6	2231.1	2226.6	2231.1	2224.4	2222.1	2219.9	2210.9	2204.1	2186.1
30°	2177.1	2172.6	2177.1	2172.6	2168.1	2163.6	2152.3	2147.8	2156.8	2152.3	2123.1
32.5°	2109.6	2105.0	2109.6	2109.6	2105.0	2105.0	2087.1	2080.2	2082.5	2096.0	2069.0
35°	2039.8	2033.0	2039.8	2037.5	2039.8	2033.0	2021.7	2019.5	2010.5	2026.2	2005.9
37.5°	1958.7	1951.9	1958.7	1958.7	1958.7	1963.2	1954.2	1947.4	1934.0	1954.2	1938.5
40°	1875.4	1866.4	1875.4	1873.1	1875.4	1879.9	1875.4	1870.9	1857.4	1873.1	1859.7
42.5°	1780.9	1778.6	1780.9	1783.1	1783.1	1792.1	1798.8	1789.9	1785.4	1774.1	1783.1
45°	1679.5	1675.0	1679.5	1684.1	1686.3	1690.8	1711.1	1711.1	1704.3	1686.3	1699.8
47.5°	1571.4	1560.2	1571.4	1585.0	1585.0	1591.7	1612.0	1627.7	1616.5	1594.0	1600.7
50°	1456.7	1458.9	1456.7	1465.6	1465.6	1490.4	1506.2	1521.9	1533.2	1506.2	1474.6
52.5°	1344.1	1341.8	1344.1	1350.8	1359.9	1371.1	1398.1	1413.9	1431.9	1416.1	1366.6
55°	1231.5	1236.0	1231.5	1233.8	1238.3	1245.0	1285.6	1301.3	1335.1	1314.8	1263.0
57.5°	1118.9	1112.2	1118.9	1123.4	1125.7	1132.5	1166.2	1195.5	1215.7	1218.0	1155.0
60°	988.3	979.4	988.3	1008.6	1013.1	1017.6	1049.2	1076.2	1094.1	1101.0	1035.6
62.5°	873.6	857.8	873.6	887.0	896.0	907.3	929.8	970.3	986.1	988.3	896.0
65°	752.0	745.2	752.0	779.0	781.2	794.7	819.5	848.8	882.5	878.1	745.2
67.5°	641.6	641.6	641.6	659.6	673.2	679.9	711.4	725.0	767.7	772.3	621.4
70°	540.3	538.1	540.3	553.8	562.8	578.6	607.9	623.7	657.4	668.6	504.3
72.5°	443.6	441.3	443.6	454.8	463.7	477.3	502.1	520.1	549.4	562.8	391.7
75°	358.0	353.5	358.0	367.0	364.7	382.7	403.0	421.0	448.1	457.0	290.4
77.5°	274.7	274.7	274.7	283.7	283.7	301.7	310.7	333.2	349.0	362.4	213.9
80°	204.9	202.6	204.9	207.1	207.1	216.2	231.9	247.7	261.1	261.1	146.4
82.5°	144.1	139.6	144.1	144.1	144.1	148.6	157.6	162.1	171.1	177.9	92.3
85°	90.1	90.1	90.1	92.3	90.1	94.6	96.8	101.3	101.3	96.8	56.3
87.5°	58.5	56.3	58.5	56.3	56.3	54.0	54.0	54.0	51.8	49.5	31.5
90°	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7	38.9	24.7
92.5°	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5	239.4	170.3
95°	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2	589.1	331.8
97.5°	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6	793.5	364.4
100°	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7	867.8	391.7
102.5°	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9	902.0	419.1
105°	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7	927.2	459.7
107.5°	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7	931.9	519.6
110°	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5	924.9	553.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1	925.2	593.8
115°	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9	933.7	654.6
117.5°	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5	951.1	713.7
120°	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6	965.1	748.1
122.5°	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8	985.4	788.7
125°	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2	1012.8	840.8
127.5°	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0	1040.2	891.1
130°	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9	1060.1	924.6
132.5°	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2	1076.3	951.9
135°	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0	1094.0	983.7
137.5°	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7	1120.5	1024.3
140°	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0	1136.7	1051.6
142.5°	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5	1150.1	1071.9
145°	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5	1167.8	1102.8
147.5°	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1	1193.7	1141.7
150°	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6	1207.2	1162.0
152.5°	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5	1216.1	1175.2
155°	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0	1235.5	1204.3
157.5°	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5	1254.8	1233.4
160°	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4	1263.7	1246.6
162.5°	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5	1273.1	1260.7
165°	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0	1286.6	1281.1
167.5°	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5	1297.2	1292.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5	1306.0	1305.8
172.5°	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4	1311.9	1314.6
177.5°	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8	1312.5	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2413.5	2400.0	2400.0	2377.5	2368.5	2361.7	2350.4	2316.7	2307.6	2298.7	2312.2
5°	2433.7	2408.9	2391.0	2350.4	2316.7	2303.1	2260.4	2179.3	2125.3	2084.8	2062.3
7.5°	2438.3	2406.7	2373.0	2309.9	2228.8	2192.9	2062.3	1913.7	1873.1	1837.2	1814.6
10°	2433.7	2397.7	2350.4	2255.9	2064.5	2001.5	1870.9	1774.1	1749.3	1742.6	1749.3
12.5°	2418.0	2384.2	2318.9	2161.4	1893.4	1850.6	1774.1	1717.8	1713.3	1724.5	1785.4
15°	2391.0	2359.4	2282.9	2035.3	1798.8	1767.3	1713.3	1693.0	1717.8	1796.6	1978.9
17.5°	2364.0	2327.9	2233.3	1911.5	1726.8	1704.3	1666.0	1706.6	1846.1	1951.9	2012.8
20°	2327.9	2285.1	2177.1	1821.4	1675.0	1654.8	1636.8	1819.1	1924.9	1963.2	1997.0
22.5°	2285.1	2240.2	2100.5	1758.4	1621.0	1605.3	1616.5	1882.2	1924.9	1951.9	1981.2
25°	2228.8	2190.6	2010.5	1708.8	1578.2	1560.2	1603.0	1875.4	1900.1	1906.9	1965.5
27.5°	2177.1	2127.5	1915.9	1663.8	1526.4	1519.7	1614.3	1846.1	1864.2	1870.9	1934.0
30°	2114.1	2039.8	1810.1	1616.5	1472.4	1470.1	1616.5	1810.1	1805.6	1823.6	1886.7
32.5°	2048.8	1909.2	1690.8	1558.0	1420.6	1418.4	1600.7	1756.1	1751.5	1776.3	1823.6
35°	1988.0	1807.9	1528.7	1490.4	1355.4	1357.6	1562.5	1693.0	1695.3	1717.8	1747.1
37.5°	1924.9	1720.0	1350.8	1416.1	1292.3	1292.3	1510.7	1634.5	1630.0	1636.8	1677.2
40°	1850.6	1582.8	1193.2	1319.3	1233.8	1227.0	1447.6	1571.4	1555.7	1553.5	1609.8
42.5°	1771.8	1431.9	1076.2	1191.0	1166.2	1157.2	1371.1	1494.9	1465.6	1472.4	1544.4
45°	1686.3	1391.3	986.1	1006.4	1096.4	1089.7	1287.8	1407.1	1386.9	1404.9	1479.2
47.5°	1600.7	1310.3	956.9	835.3	1022.1	1019.8	1195.5	1321.5	1310.3	1328.4	1407.1
50°	1483.7	1220.2	954.6	715.9	938.8	947.8	1085.2	1238.3	1238.3	1254.1	1337.3
52.5°	1332.8	1109.9	866.8	648.4	842.0	869.0	988.3	1166.2	1170.7	1186.5	1260.8
55°	1195.5	995.1	803.8	596.7	727.2	785.7	893.8	1091.9	1101.0	1116.7	1184.2
57.5°	1069.4	828.5	790.2	535.8	621.4	677.7	810.5	1019.8	1024.4	1037.9	1103.2
60°	934.3	598.9	725.0	470.6	529.1	571.9	733.9	934.3	950.1	959.1	1015.4
62.5°	781.2	434.5	657.4	425.5	484.0	493.1	670.9	853.3	873.6	880.3	914.0
65°	556.1	364.7	558.3	387.2	436.7	439.0	603.4	770.0	788.0	799.3	824.0
67.5°	376.0	297.2	425.5	351.2	400.8	403.0	538.1	673.2	698.0	706.9	722.7
70°	261.1	198.1	315.2	312.9	360.2	364.7	468.3	585.3	607.9	614.6	623.7
72.5°	191.4	159.8	261.1	281.4	317.5	322.0	396.3	486.3	508.8	515.5	520.1
75°	146.4	168.9	211.6	245.4	270.2	272.4	324.2	396.3	412.0	416.5	418.8
77.5°	117.1	157.6	155.3	198.1	220.7	216.2	254.4	306.2	319.7	319.7	319.7
80°	87.8	123.8	117.1	141.9	162.1	157.6	182.3	218.4	222.9	227.4	225.1
82.5°	65.3	78.8	78.8	90.1	108.0	103.6	121.6	141.9	141.9	141.9	146.4
85°	40.6	45.0	36.0	47.3	60.7	58.5	67.6	76.5	78.8	78.8	74.3
87.5°	24.8	20.3	11.2	18.0	27.0	27.0	31.5	33.7	31.5	31.5	31.5
90°	22.9	15.9	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6
92.5°	155.3	95.3	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6
95°	304.3	194.5	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3
97.5°	340.2	243.3	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3
100°	369.8	281.9	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6
102.5°	398.6	316.6	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8
105°	442.3	372.9	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9
107.5°	503.4	438.8	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2
110°	538.6	480.2	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8



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CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	579.9	524.2	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0
115°	641.7	590.4	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2
117.5°	702.0	655.4	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5
120°	737.2	693.3	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0
122.5°	777.6	733.3	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6
125°	830.7	790.3	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0
127.5°	880.9	840.2	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2
130°	913.6	869.7	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4
132.5°	940.9	897.1	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1
135°	973.8	933.7	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1
137.5°	1014.4	974.8	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1
140°	1042.5	1006.0	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8
142.5°	1063.5	1029.8	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0
145°	1095.5	1066.0	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5
147.5°	1134.5	1105.9	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4
150°	1155.5	1129.6	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5
152.5°	1170.2	1150.6	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3
155°	1200.6	1186.2	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5
157.5°	1229.9	1215.7	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6
160°	1243.9	1232.9	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3
162.5°	1258.7	1250.4	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4
165°	1279.2	1271.8	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9
167.5°	1291.6	1288.1	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9
170°	1304.9	1301.3	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9
172.5°	1306.5	1305.6	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3
175°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8
177.5°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



TEST NUMBER: P935672
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2296.4	2289.7	2298.7	2273.9	2298.7	2289.7	2296.4	2312.2	2298.7	2307.6	2316.7
5°	2015.0	2003.7	1967.7	1938.5	1967.7	2003.7	2015.0	2062.3	2084.8	2125.3	2179.3
7.5°	1801.1	1792.1	1783.1	1765.1	1783.1	1792.1	1801.1	1814.6	1837.2	1873.1	1913.7
10°	1753.8	1756.1	1769.6	1767.3	1769.6	1756.1	1753.8	1749.3	1742.6	1749.3	1774.1
12.5°	1875.4	1895.7	1970.0	1965.5	1970.0	1895.7	1875.4	1785.4	1724.5	1713.3	1717.8
15°	2015.0	2021.7	2037.5	2039.8	2037.5	2021.7	2015.0	1978.9	1796.6	1717.8	1693.0
17.5°	2028.5	2030.7	2042.0	2042.0	2042.0	2030.7	2028.5	2012.8	1951.9	1846.1	1706.6
20°	2017.3	2021.7	2044.3	2048.8	2044.3	2021.7	2017.3	1997.0	1963.2	1924.9	1819.1
22.5°	2012.8	2021.7	2039.8	2037.5	2039.8	2021.7	2012.8	1981.2	1951.9	1924.9	1882.2
25°	1990.2	1990.2	1992.5	1994.7	1992.5	1990.2	1990.2	1965.5	1906.9	1900.1	1875.4
27.5°	1943.0	1947.4	1961.0	1958.7	1961.0	1947.4	1943.0	1934.0	1870.9	1864.2	1846.1
30°	1900.1	1895.7	1884.4	1875.4	1884.4	1895.7	1900.1	1886.7	1823.6	1805.6	1810.1
32.5°	1828.1	1816.9	1805.6	1798.8	1805.6	1816.9	1828.1	1823.6	1776.3	1751.5	1756.1
35°	1742.6	1744.8	1742.6	1735.8	1742.6	1744.8	1742.6	1747.1	1717.8	1695.3	1693.0
37.5°	1681.8	1686.3	1684.1	1675.0	1684.1	1686.3	1681.8	1677.2	1636.8	1630.0	1634.5
40°	1618.7	1621.0	1618.7	1612.0	1618.7	1621.0	1618.7	1609.8	1553.5	1555.7	1571.4
42.5°	1558.0	1555.7	1548.9	1544.4	1548.9	1555.7	1558.0	1544.4	1472.4	1465.6	1494.9
45°	1488.2	1490.4	1476.9	1470.1	1476.9	1490.4	1488.2	1479.2	1404.9	1386.9	1407.1
47.5°	1418.4	1418.4	1407.1	1400.3	1407.1	1418.4	1418.4	1407.1	1328.4	1310.3	1321.5
50°	1344.1	1341.8	1326.1	1323.8	1326.1	1341.8	1344.1	1337.3	1254.1	1238.3	1238.3
52.5°	1258.5	1258.5	1260.8	1265.3	1260.8	1258.5	1258.5	1260.8	1186.5	1170.7	1166.2
55°	1184.2	1186.5	1202.3	1206.8	1202.3	1186.5	1184.2	1184.2	1116.7	1101.0	1091.9
57.5°	1107.7	1107.7	1118.9	1118.9	1118.9	1107.7	1107.7	1103.2	1037.9	1024.4	1019.8
60°	1019.8	1024.4	1033.4	1031.2	1033.4	1024.4	1019.8	1015.4	959.1	950.1	934.3
62.5°	927.6	932.1	934.3	929.8	934.3	932.1	927.6	914.0	880.3	873.6	853.3
65°	830.8	835.3	837.5	833.0	837.5	835.3	830.8	824.0	799.3	788.0	770.0
67.5°	731.7	729.5	727.2	736.2	727.2	729.5	731.7	722.7	706.9	698.0	673.2
70°	630.4	630.4	628.1	632.6	628.1	630.4	630.4	623.7	614.6	607.9	585.3
72.5°	522.4	520.1	529.1	522.4	529.1	520.1	522.4	520.1	515.5	508.8	486.3
75°	416.5	421.0	416.5	423.3	416.5	421.0	416.5	418.8	416.5	412.0	396.3
77.5°	317.5	322.0	317.5	317.5	317.5	322.0	317.5	319.7	319.7	319.7	306.2
80°	225.1	222.9	222.9	220.7	222.9	222.9	225.1	225.1	227.4	222.9	218.4
82.5°	144.1	141.9	141.9	146.4	141.9	141.9	144.1	146.4	141.9	141.9	141.9
85°	78.8	81.0	76.5	76.5	76.5	81.0	78.8	74.3	78.8	78.8	76.5
87.5°	29.3	27.0	27.0	27.0	27.0	27.0	29.3	31.5	31.5	31.5	33.7
90°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7
92.5°	167.6	160.9	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5
95°	569.1	548.9	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2
97.5°	1313.7	1275.3	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6
100°	1844.8	1799.1	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7
102.5°	2298.3	2259.1	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9
105°	2827.6	2806.6	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7
107.5°	3102.9	3108.0	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7
110°	3173.4	3195.4	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3128.5	3162.2	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1
115°	2975.9	3022.6	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9
117.5°	2765.0	2816.9	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5
120°	2623.0	2673.3	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6
122.5°	2480.9	2530.6	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8
125°	2293.0	2338.7	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2
127.5°	2142.1	2180.7	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0
130°	2046.8	2082.5	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9
132.5°	1965.6	1997.6	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2
135°	1851.0	1878.5	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0
137.5°	1766.3	1788.9	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7
140°	1698.4	1719.4	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0
142.5°	1650.7	1668.8	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5
145°	1579.3	1593.0	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5
147.5°	1519.3	1530.6	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1
150°	1484.9	1494.1	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6
152.5°	1457.5	1464.5	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5
155°	1424.9	1429.5	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0
157.5°	1396.6	1399.8	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5
160°	1382.5	1384.3	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4
162.5°	1369.2	1371.0	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5
165°	1349.0	1350.8	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0
167.5°	1340.1	1340.9	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5
172.5°	1333.1	1332.4	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4
177.5°	1321.6	1320.9	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2350.4	2361.7	2368.5	2377.5	2400.0
5°	2260.4	2303.1	2316.7	2350.4	2391.0
7.5°	2062.3	2192.9	2228.8	2309.9	2373.0
10°	1870.9	2001.5	2064.5	2255.9	2350.4
12.5°	1774.1	1850.6	1893.4	2161.4	2318.9
15°	1713.3	1767.3	1798.8	2035.3	2282.9
17.5°	1666.0	1704.3	1726.8	1911.5	2233.3
20°	1636.8	1654.8	1675.0	1821.4	2177.1
22.5°	1616.5	1605.3	1621.0	1758.4	2100.5
25°	1603.0	1560.2	1578.2	1708.8	2010.5
27.5°	1614.3	1519.7	1526.4	1663.8	1915.9
30°	1616.5	1470.1	1472.4	1616.5	1810.1
32.5°	1600.7	1418.4	1420.6	1558.0	1690.8
35°	1562.5	1357.6	1355.4	1490.4	1528.7
37.5°	1510.7	1292.3	1292.3	1416.1	1350.8
40°	1447.6	1227.0	1233.8	1319.3	1193.2
42.5°	1371.1	1157.2	1166.2	1191.0	1076.2
45°	1287.8	1089.7	1096.4	1006.4	986.1
47.5°	1195.5	1019.8	1022.1	835.3	956.9
50°	1085.2	947.8	938.8	715.9	954.6
52.5°	988.3	869.0	842.0	648.4	866.8
55°	893.8	785.7	727.2	596.7	803.8
57.5°	810.5	677.7	621.4	535.8	790.2
60°	733.9	571.9	529.1	470.6	725.0
62.5°	670.9	493.1	484.0	425.5	657.4
65°	603.4	439.0	436.7	387.2	558.3
67.5°	538.1	403.0	400.8	351.2	425.5
70°	468.3	364.7	360.2	312.9	315.2
72.5°	396.3	322.0	317.5	281.4	261.1
75°	324.2	272.4	270.2	245.4	211.6
77.5°	254.4	216.2	220.7	198.1	155.3
80°	182.3	157.6	162.1	141.9	117.1
82.5°	121.6	103.6	108.0	90.1	78.8
85°	67.6	58.5	60.7	47.3	36.0
87.5°	31.5	27.0	27.0	18.0	11.2
90°	38.9	24.7	22.9	15.9	8.9
92.5°	239.4	170.3	155.3	95.3	35.3
95°	589.1	331.8	304.3	194.5	84.7
97.5°	793.5	364.4	340.2	243.3	146.5
100°	867.8	391.7	369.8	281.9	194.1
102.5°	902.0	419.1	398.6	316.6	234.6
105°	927.2	459.7	442.3	372.9	303.5
107.5°	931.9	519.6	503.4	438.8	374.1
110°	924.9	553.2	538.6	480.2	421.7



TEST NUMBER: P935672

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	925.2	593.8	579.9	524.2	468.5
115°	933.7	654.6	641.7	590.4	539.1
117.5°	951.1	713.7	702.0	655.4	608.8
120°	965.1	748.1	737.2	693.3	649.3
122.5°	985.4	788.7	777.6	733.3	689.0
125°	1012.8	840.8	830.7	790.3	749.9
127.5°	1040.2	891.1	880.9	840.2	799.3
130°	1060.1	924.6	913.6	869.7	825.8
132.5°	1076.3	951.9	940.9	897.1	853.1
135°	1094.0	983.7	973.8	933.7	893.7
137.5°	1120.5	1024.3	1014.4	974.8	935.2
140°	1136.7	1051.6	1042.5	1006.0	969.6
142.5°	1150.1	1071.9	1063.5	1029.8	996.1
145°	1167.8	1102.8	1095.5	1066.0	1036.6
147.5°	1193.7	1141.7	1134.5	1105.9	1077.3
150°	1207.2	1162.0	1155.5	1129.6	1103.7
152.5°	1216.1	1175.2	1170.2	1150.6	1131.0
155°	1235.5	1204.3	1200.6	1186.2	1171.7
157.5°	1254.8	1233.4	1229.9	1215.7	1201.7
160°	1263.7	1246.6	1243.9	1232.9	1221.9
162.5°	1273.1	1260.7	1258.7	1250.4	1242.2
165°	1286.6	1281.1	1279.2	1271.8	1264.3
167.5°	1297.2	1292.5	1291.6	1288.1	1284.6
170°	1306.0	1305.8	1304.9	1301.3	1297.8
172.5°	1306.6	1306.6	1306.5	1305.6	1304.8
175°	1311.9	1314.6	1314.6	1314.6	1314.6
177.5°	1312.5	1314.6	1314.6	1314.6	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6



TEST NUMBER: P935672
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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	12.37	13.16	13.39	14.19	15.57	15.20	16.00	16.23	17.03	18.41
	3H	12.84	13.55	13.87	14.59	15.99	16.55	17.26	17.58	18.30	19.70
	4H	13.03	13.70	14.07	14.74	16.15	16.99	17.66	18.03	18.70	20.11
	6H	13.14	13.76	14.20	14.81	16.23	17.27	17.89	18.33	18.94	20.36
	8H	13.14	13.73	14.20	14.79	16.21	17.35	17.94	18.41	19.00	20.41
	12H	13.11	13.67	14.17	14.73	16.17	17.38	17.94	18.45	19.00	20.44
4H	2H	13.39	14.07	14.44	15.11	16.52	15.60	16.28	16.66	17.32	18.73
	3H	14.41	14.97	15.47	16.04	17.47	17.11	17.67	18.17	18.74	20.16
	4H	14.69	15.20	15.75	16.26	17.70	17.63	18.15	18.70	19.21	20.65
	6H	14.81	15.25	15.88	16.33	17.77	18.00	18.44	19.07	19.52	20.96
	8H	14.81	15.22	15.89	16.30	17.75	18.10	18.51	19.18	19.59	21.04
	12H	14.77	15.15	15.87	16.24	17.70	18.16	18.53	19.25	19.62	21.08
8H	4H	15.14	15.55	16.21	16.62	18.08	17.75	18.16	18.83	19.24	20.69
	6H	15.39	15.73	16.49	16.85	18.30	18.19	18.53	19.29	19.65	21.10
	8H	15.44	15.73	16.54	16.84	18.31	18.34	18.64	19.44	19.74	21.21
	12H	15.42	15.68	16.53	16.78	18.29	18.44	18.70	19.55	19.80	21.31
12H	4H	15.14	15.51	16.23	16.60	18.06	17.71	18.09	18.81	19.18	20.63
	6H	15.45	15.75	16.56	16.85	18.32	18.18	18.48	19.29	19.58	21.05
	8H	15.52	15.78	16.63	16.88	18.39	18.34	18.61	19.45	19.70	21.21