

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: P935716

Luminaire Tested: SQ4-FA-125U-125D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935716
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

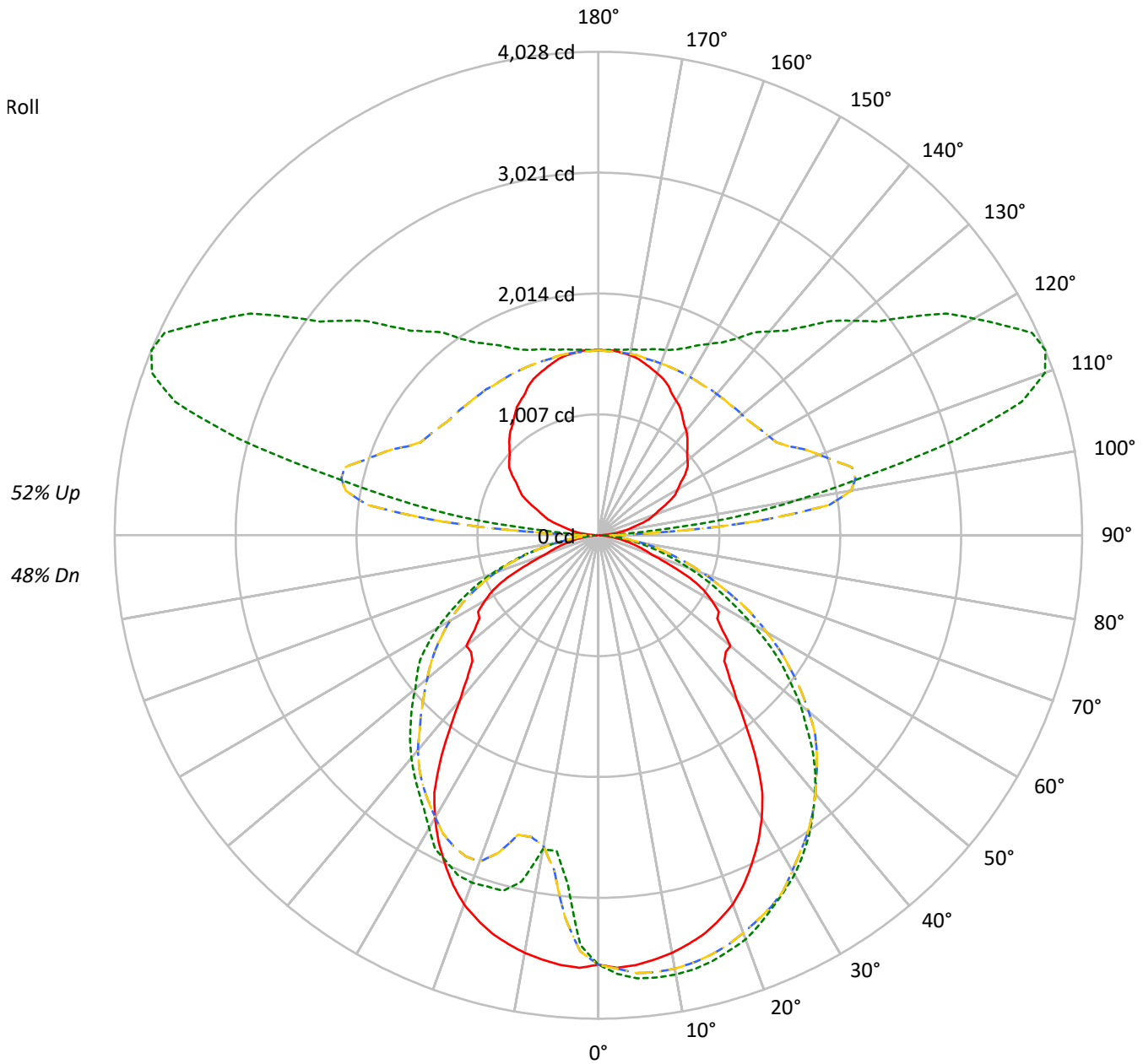
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19283.0 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 150.4
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°	16597	16597	16597	16597
5°	16721	16754	16721	13174
10°	16609	16503	16609	11799
15°	16428	16145	16428	13482
20°	16085	15722	16085	13510
25°	15382	15104	15382	13224
30°	14473	14591	14473	12595
35°	12902	13943	12902	11905
40°	10751	13179	10751	11382
45°	9606	12285	9606	10782
50°	10205	11219	10205	10180
55°	9602	10070	9602	9832
60°	9897	8553	9897	9005
65°	8974	7070	8974	7903
70°	6214	5634	6214	6625
75°	5448	4165	5448	4987
80°	4391	2754	4391	2999
85°	2520	1459	2520	1240

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14723 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.9	1.7
10°-20°	916.8	4.8
20°-30°	1417.2	7.3
30°-40°	1691.9	8.8
40°-50°	1701.8	8.8
50°-60°	1480.8	7.7
60°-70°	1049.9	5.4
70°-80°	555.5	2.9
80°-90°	144.2	0.7
90°-100°	752.1	3.9
100°-110°	1977.3	10.3
110°-120°	2050.2	10.6
120°-130°	1644.5	8.5
130°-140°	1290.4	6.7
140°-150°	990.4	5.1
150°-160°	713.3	3.7
160°-170°	436.4	2.3
170°-180°	147.4	0.8
0°-30°	2656.9	13.8
0°-40°	4348.8	22.6
0°-60°	7531.3	39.1
0°-90°	9280.9	48.1
90°-120°	4779.7	24.8
90°-150°	8705.0	45.1
90°-180°	10002.0	51.9
0°-180°	19283.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3577	3577	3577	3577	3577	
5°	3594	3706	3594	2914	3594	341
15°	3432	3672	3432	3066	3432	966
25°	3022	3425	3022	2998	3022	1388
35°	2298	3056	2298	2609	2298	1422
45°	1482	2518	1482	2210	1482	1187
55°	1208	1858	1208	1814	1208	1110
65°	839	1120	839	1252	839	802
75°	318	531	318	636	318	334
85°	54	135	54	115	54	73
90°	10	39	10	39	10	11
95°	99	455	99	455	99	110
105°	356	3096	356	3096	356	378
115°	633	3987	633	3987	633	625
125°	880	3175	880	3175	880	781
135°	1049	2464	1049	2464	1049	812
145°	1217	1998	1217	1998	1217	762
155°	1375	1721	1375	1721	1375	632
165°	1484	1603	1484	1603	1484	419
175°	1543	1553	1543	1553	1543	146
180°	1543	1543	1543	1543	1543	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3607.6	3607.6	3627.9	3634.7	3634.7	3624.6	3614.4	3624.6	3655.0	3665.2	3661.8
5°	3594.1	3621.2	3658.4	3665.2	3671.9	3668.6	3661.8	3668.6	3702.4	3709.2	3712.6
7.5°	3567.0	3617.8	3665.2	3675.3	3685.5	3675.3	3671.9	3678.7	3712.6	3719.3	3719.3
10°	3533.2	3604.3	3658.4	3665.2	3675.3	3665.2	3665.2	3678.7	3712.6	3719.3	3722.7
12.5°	3485.8	3583.9	3634.7	3641.5	3655.0	3651.6	3648.3	3661.8	3695.6	3702.4	3702.4
15°	3431.7	3546.7	3594.1	3600.9	3624.6	3617.8	3617.8	3631.3	3668.6	3678.7	3675.3
17.5°	3357.2	3499.3	3553.5	3563.6	3580.6	3577.2	3580.6	3594.1	3627.9	3634.7	3638.1
20°	3272.6	3435.0	3499.3	3509.5	3526.4	3526.4	3526.4	3543.3	3577.2	3590.7	3590.7
22.5°	3157.5	3367.4	3435.0	3441.8	3462.1	3462.1	3468.9	3492.6	3523.0	3526.4	3526.4
25°	3022.2	3292.9	3350.4	3370.7	3391.0	3401.2	3411.4	3424.9	3435.0	3431.7	3435.0
27.5°	2880.0	3198.1	3272.6	3286.1	3313.2	3323.4	3336.9	3340.3	3343.7	3353.8	3347.0
30°	2721.0	3066.2	3177.8	3191.4	3235.4	3242.1	3228.6	3235.4	3252.3	3259.1	3265.8
32.5°	2541.6	2869.9	3079.7	3110.2	3150.8	3130.5	3127.1	3137.2	3164.3	3164.3	3171.1
35°	2297.9	2717.6	2988.3	3015.4	3045.8	3022.2	3035.7	3039.1	3056.0	3066.2	3062.8
37.5°	2030.6	2585.6	2893.6	2913.9	2937.6	2907.1	2927.4	2937.6	2951.1	2944.3	2944.3
40°	1793.7	2379.1	2781.9	2795.4	2815.7	2792.0	2812.3	2819.1	2825.9	2819.1	2815.7
42.5°	1617.7	2152.4	2663.4	2680.3	2666.8	2683.7	2690.5	2704.0	2693.9	2680.3	2680.3
45°	1482.3	2091.5	2534.8	2555.1	2534.8	2561.9	2572.1	2572.1	2541.6	2534.8	2531.4
47.5°	1438.3	1969.6	2406.2	2406.2	2396.1	2429.9	2446.8	2423.1	2392.7	2382.5	2382.5
50°	1434.9	1834.3	2230.2	2216.7	2264.1	2304.7	2287.8	2264.1	2240.4	2203.2	2203.2
52.5°	1302.9	1668.4	2003.5	2054.3	2128.7	2152.4	2125.3	2101.6	2061.0	2044.1	2030.6
55°	1208.2	1495.9	1797.1	1898.6	1976.4	2006.9	1956.1	1932.4	1871.5	1861.4	1854.6
57.5°	1187.9	1245.4	1607.5	1736.1	1830.9	1827.5	1797.1	1753.1	1702.3	1692.1	1688.8
60°	1089.7	900.2	1404.5	1556.8	1654.9	1644.8	1617.7	1577.1	1529.7	1522.9	1516.2
62.5°	988.2	653.2	1174.3	1346.9	1485.7	1482.3	1458.6	1397.7	1363.9	1346.9	1333.4
65°	839.3	548.3	835.9	1120.2	1319.9	1326.6	1275.9	1231.9	1194.6	1174.3	1171.0
67.5°	639.6	446.7	565.2	934.1	1160.8	1154.0	1089.7	1069.4	1022.1	1011.9	991.6
70°	473.8	297.8	392.6	758.1	1005.1	988.2	937.4	913.8	869.8	846.1	832.5
72.5°	392.6	240.3	287.7	588.9	846.1	825.8	781.8	754.7	717.5	697.2	683.6
75°	318.1	253.8	220.0	436.6	687.0	673.5	632.9	605.8	575.3	548.3	551.6
77.5°	233.5	236.9	176.0	321.5	544.9	524.6	500.9	467.0	453.5	426.4	426.4
80°	176.0	186.1	132.0	220.0	392.6	392.6	372.3	348.6	324.9	311.4	311.4
82.5°	118.4	118.4	98.1	138.8	267.4	257.2	243.7	236.9	223.4	216.6	216.6
85°	54.1	67.7	60.9	84.6	145.5	152.3	152.3	145.5	142.1	135.4	138.8
87.5°	16.9	30.5	37.2	47.4	74.5	77.8	81.2	81.2	81.2	84.6	84.6
90°	10.4	18.7	26.9	29.0	45.6	67.7	78.7	69.9	52.4	39.3	39.3
92.5°	41.4	111.8	182.3	199.9	281.0	389.1	443.2	388.4	278.9	196.7	188.9
95°	99.4	228.3	357.2	389.4	691.4	1094.1	1295.4	1156.0	877.1	667.9	644.2
97.5°	171.9	285.6	399.3	427.7	931.3	1602.8	1938.5	1850.4	1674.1	1541.9	1496.8
100°	227.8	330.9	434.0	459.8	1018.6	1763.7	2136.3	2142.7	2155.6	2165.3	2111.6
102.5°	275.4	371.6	467.8	491.9	1058.7	1814.4	2192.2	2304.5	2529.1	2697.5	2651.5
105°	356.2	437.7	519.1	539.5	1088.3	1820.1	2186.0	2437.7	2941.2	3318.8	3294.1
107.5°	439.1	515.0	590.9	609.9	1093.8	1739.1	2061.7	2412.9	3115.2	3641.9	3647.9
110°	495.0	563.6	632.2	649.3	1085.6	1667.3	1958.2	2350.8	3135.9	3724.7	3750.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	549.9	615.2	680.6	696.9	1085.9	1604.6	1863.9	2265.7	3069.2	3671.9	3711.5
115°	632.7	693.0	753.2	768.3	1095.9	1532.7	1751.1	2138.1	2912.2	3492.8	3547.7
117.5°	714.5	769.3	824.0	837.7	1116.3	1487.7	1673.4	2022.7	2721.3	3245.3	3306.2
120°	762.1	813.7	865.2	878.1	1132.8	1472.5	1642.3	1961.5	2599.8	3078.6	3137.7
122.5°	808.7	860.7	912.7	925.7	1156.6	1464.5	1618.5	1905.9	2480.8	2911.9	2970.2
125°	880.2	927.6	975.0	986.8	1188.7	1458.0	1592.6	1836.8	2325.1	2691.3	2745.0
127.5°	938.2	986.1	1033.9	1045.9	1220.9	1454.2	1570.9	1780.5	2199.8	2514.2	2559.5
130°	969.2	1020.8	1072.3	1085.2	1244.3	1456.5	1562.6	1749.2	2122.5	2402.4	2444.3
132.5°	1001.3	1052.9	1104.4	1117.3	1263.3	1458.0	1555.3	1722.4	2056.5	2307.1	2344.6
135°	1049.0	1095.9	1142.9	1154.6	1284.0	1456.6	1542.9	1682.8	1962.6	2172.5	2204.8
137.5°	1097.6	1144.1	1190.6	1202.2	1315.1	1465.6	1540.8	1659.1	1895.7	2073.1	2099.6
140°	1138.0	1180.8	1223.6	1234.3	1334.1	1467.1	1533.6	1635.8	1840.1	1993.4	2018.1
142.5°	1169.1	1208.7	1248.2	1258.1	1349.9	1472.4	1533.6	1623.3	1802.8	1937.4	1958.7
145°	1216.7	1251.2	1285.8	1294.4	1370.7	1472.4	1523.2	1596.6	1743.5	1853.6	1869.7
147.5°	1264.4	1298.0	1331.6	1340.0	1401.1	1482.5	1523.2	1581.0	1696.5	1783.2	1796.5
150°	1295.4	1325.8	1356.2	1363.8	1416.9	1487.8	1523.2	1572.0	1669.6	1742.8	1753.6
152.5°	1327.5	1350.5	1373.5	1379.3	1427.3	1491.2	1523.2	1564.9	1648.2	1710.7	1718.9
155°	1375.2	1392.2	1409.2	1413.5	1450.1	1498.8	1523.2	1556.4	1622.7	1672.4	1677.8
157.5°	1410.4	1426.9	1443.5	1447.6	1472.8	1506.4	1523.2	1549.0	1600.5	1639.2	1643.0
160°	1434.2	1447.1	1460.0	1463.2	1483.2	1509.9	1523.2	1545.3	1589.5	1622.6	1624.8
162.5°	1458.0	1467.6	1477.3	1479.7	1494.2	1513.5	1523.2	1541.8	1579.1	1607.1	1609.2
165°	1483.9	1492.7	1501.4	1503.6	1510.1	1518.8	1523.2	1536.6	1563.3	1583.3	1585.5
167.5°	1507.7	1511.8	1516.0	1517.0	1522.5	1529.9	1533.6	1542.3	1559.8	1572.9	1573.8
170°	1523.2	1527.4	1531.6	1532.6	1532.9	1533.4	1533.6	1542.3	1559.8	1572.9	1572.9
172.5°	1531.5	1532.4	1533.4	1533.6	1533.6	1533.6	1533.6	1540.5	1554.3	1564.7	1563.9
175°	1542.9	1542.9	1542.9	1542.9	1539.8	1535.7	1533.6	1538.0	1546.7	1553.3	1553.3
177.5°	1542.9	1542.9	1542.9	1542.9	1540.5	1537.3	1535.7	1539.1	1546.0	1551.2	1550.3
180°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3668.6	3658.4	3668.6	3661.8	3665.2	3655.0	3624.6	3614.4	3624.6	3634.7	3634.7
5°	3712.6	3705.8	3712.6	3712.6	3709.2	3702.4	3668.6	3661.8	3668.6	3671.9	3665.2
7.5°	3726.1	3715.9	3726.1	3719.3	3719.3	3712.6	3678.7	3671.9	3675.3	3685.5	3675.3
10°	3726.1	3715.9	3726.1	3722.7	3719.3	3712.6	3678.7	3665.2	3665.2	3675.3	3665.2
12.5°	3709.2	3702.4	3709.2	3702.4	3702.4	3695.6	3661.8	3648.3	3651.6	3655.0	3641.5
15°	3682.1	3671.9	3682.1	3675.3	3678.7	3668.6	3631.3	3617.8	3617.8	3624.6	3600.9
17.5°	3641.5	3627.9	3641.5	3638.1	3634.7	3627.9	3594.1	3580.6	3577.2	3580.6	3563.6
20°	3594.1	3583.9	3594.1	3590.7	3590.7	3577.2	3543.3	3526.4	3526.4	3526.4	3509.5
22.5°	3519.6	3509.5	3519.6	3526.4	3526.4	3523.0	3492.6	3468.9	3462.1	3462.1	3441.8
25°	3435.0	3424.9	3435.0	3435.0	3431.7	3435.0	3424.9	3411.4	3401.2	3391.0	3370.7
27.5°	3353.8	3347.0	3353.8	3347.0	3353.8	3343.7	3340.3	3336.9	3323.4	3313.2	3286.1
30°	3272.6	3265.8	3272.6	3265.8	3259.1	3252.3	3235.4	3228.6	3242.1	3235.4	3191.4
32.5°	3171.1	3164.3	3171.1	3171.1	3164.3	3164.3	3137.2	3127.1	3130.5	3150.8	3110.2
35°	3066.2	3056.0	3066.2	3062.8	3066.2	3056.0	3039.1	3035.7	3022.2	3045.8	3015.4
37.5°	2944.3	2934.2	2944.3	2944.3	2944.3	2951.1	2937.6	2927.4	2907.1	2937.6	2913.9
40°	2819.1	2805.6	2819.1	2815.7	2819.1	2825.9	2819.1	2812.3	2792.0	2815.7	2795.4
42.5°	2677.0	2673.6	2677.0	2680.3	2680.3	2693.9	2704.0	2690.5	2683.7	2666.8	2680.3
45°	2524.7	2517.9	2524.7	2531.4	2534.8	2541.6	2572.1	2572.1	2561.9	2534.8	2555.1
47.5°	2362.2	2345.3	2362.2	2382.5	2382.5	2392.7	2423.1	2446.8	2429.9	2396.1	2406.2
50°	2189.6	2193.0	2189.6	2203.2	2203.2	2240.4	2264.1	2287.8	2304.7	2264.1	2216.7
52.5°	2020.4	2017.0	2020.4	2030.6	2044.1	2061.0	2101.6	2125.3	2152.4	2128.7	2054.3
55°	1851.2	1858.0	1851.2	1854.6	1861.4	1871.5	1932.4	1956.1	2006.9	1976.4	1898.6
57.5°	1682.0	1671.8	1682.0	1688.8	1692.1	1702.3	1753.1	1797.1	1827.5	1830.9	1736.1
60°	1485.7	1472.2	1485.7	1516.2	1522.9	1529.7	1577.1	1617.7	1644.8	1654.9	1556.8
62.5°	1313.1	1289.4	1313.1	1333.4	1346.9	1363.9	1397.7	1458.6	1482.3	1485.7	1346.9
65°	1130.3	1120.2	1130.3	1171.0	1174.3	1194.6	1231.9	1275.9	1326.6	1319.9	1120.2
67.5°	964.5	964.5	964.5	991.6	1011.9	1022.1	1069.4	1089.7	1154.0	1160.8	934.1
70°	812.2	808.8	812.2	832.5	846.1	869.8	913.8	937.4	988.2	1005.1	758.1
72.5°	666.7	663.3	666.7	683.6	697.2	717.5	754.7	781.8	825.8	846.1	588.9
75°	538.1	531.3	538.1	551.6	548.3	575.3	605.8	632.9	673.5	687.0	436.6
77.5°	412.9	412.9	412.9	426.4	426.4	453.5	467.0	500.9	524.6	544.9	321.5
80°	308.0	304.6	308.0	311.4	311.4	324.9	348.6	372.3	392.6	392.6	220.0
82.5°	216.6	209.8	216.6	216.6	216.6	223.4	236.9	243.7	257.2	267.4	138.8
85°	135.4	135.4	135.4	138.8	135.4	142.1	145.5	152.3	152.3	145.5	84.6
87.5°	88.0	84.6	88.0	84.6	84.6	81.2	81.2	81.2	77.8	74.5	47.4
90°	39.3	39.3	39.3	39.3	39.3	52.4	69.9	78.7	67.7	45.6	29.0
92.5°	157.6	126.3	157.6	188.9	196.7	278.9	388.4	443.2	389.1	281.0	199.9
95°	549.4	454.6	549.4	644.2	667.9	877.1	1156.0	1295.4	1094.1	691.4	389.4
97.5°	1316.4	1136.0	1316.4	1496.8	1541.9	1674.1	1850.4	1938.5	1602.8	931.3	427.7
100°	1896.6	1681.7	1896.6	2111.6	2165.3	2155.6	2142.7	2136.3	1763.7	1018.6	459.8
102.5°	2467.4	2283.3	2467.4	2651.5	2697.5	2529.1	2304.5	2192.2	1814.4	1058.7	491.9
105°	3195.1	3096.2	3195.1	3294.1	3318.8	2941.2	2437.7	2186.0	1820.1	1088.3	539.5
107.5°	3671.8	3695.7	3671.8	3647.9	3641.9	3115.2	2412.9	2061.7	1739.1	1093.8	609.9
110°	3853.6	3956.7	3853.6	3750.5	3724.7	3135.9	2350.8	1958.2	1667.3	1085.6	649.3



TEST NUMBER: P935716

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3869.8	4028.1	3869.8	3711.5	3671.9	3069.2	2265.7	1863.9	1604.6	1085.9	696.9
115°	3767.2	3986.7	3767.2	3547.7	3492.8	2912.2	2138.1	1751.1	1532.7	1095.9	768.3
117.5°	3549.6	3793.1	3549.6	3306.2	3245.3	2721.3	2022.7	1673.4	1487.7	1116.3	837.7
120°	3374.3	3610.8	3374.3	3137.7	3078.6	2599.8	1961.5	1642.3	1472.5	1132.8	878.1
122.5°	3203.6	3436.9	3203.6	2970.2	2911.9	2480.8	1905.9	1618.5	1464.5	1156.6	925.7
125°	2960.0	3174.9	2960.0	2745.0	2691.3	2325.1	1836.8	1592.6	1458.0	1188.7	986.8
127.5°	2740.9	2922.2	2740.9	2559.5	2514.2	2199.8	1780.5	1570.9	1454.2	1220.9	1045.9
130°	2611.8	2779.3	2611.8	2444.3	2402.4	2122.5	1749.2	1562.6	1456.5	1244.3	1085.2
132.5°	2494.7	2644.7	2494.7	2344.6	2307.1	2056.5	1722.4	1555.3	1458.0	1263.3	1117.3
135°	2334.2	2463.5	2334.2	2204.8	2172.5	1962.6	1682.8	1542.9	1456.6	1284.0	1154.6
137.5°	2205.4	2311.3	2205.4	2099.6	2073.1	1895.7	1659.1	1540.8	1465.6	1315.1	1202.2
140°	2117.1	2216.0	2117.1	2018.1	1993.4	1840.1	1635.8	1533.6	1467.1	1334.1	1234.3
142.5°	2043.8	2129.0	2043.8	1958.7	1937.4	1802.8	1623.3	1533.6	1472.4	1349.9	1258.1
145°	1934.1	1998.5	1934.1	1869.7	1853.6	1743.5	1596.6	1523.2	1472.4	1370.7	1294.4
147.5°	1849.9	1903.3	1849.9	1796.5	1783.2	1696.5	1581.0	1523.2	1482.5	1401.1	1340.0
150°	1796.9	1840.1	1796.9	1753.6	1742.8	1669.6	1572.0	1523.2	1487.8	1416.9	1363.8
152.5°	1751.5	1784.2	1751.5	1718.9	1710.7	1648.2	1564.9	1523.2	1491.2	1427.3	1379.3
155°	1699.4	1721.0	1699.4	1677.8	1672.4	1622.7	1556.4	1523.2	1498.8	1450.1	1413.5
157.5°	1658.2	1673.4	1658.2	1643.0	1639.2	1600.5	1549.0	1523.2	1506.4	1472.8	1447.6
160°	1633.5	1642.3	1633.5	1624.8	1622.6	1589.5	1545.3	1523.2	1509.9	1483.2	1463.2
162.5°	1617.5	1625.8	1617.5	1609.2	1607.1	1579.1	1541.8	1523.2	1513.5	1494.2	1479.7
165°	1594.2	1603.0	1594.2	1585.5	1583.3	1563.3	1536.6	1523.2	1518.8	1510.1	1503.6
167.5°	1577.5	1581.2	1577.5	1573.8	1572.9	1559.8	1542.3	1533.6	1529.9	1522.5	1517.0
170°	1572.9	1572.9	1572.9	1572.9	1572.9	1559.8	1542.3	1533.6	1533.4	1532.9	1532.6
172.5°	1560.6	1557.4	1560.6	1563.9	1564.7	1554.3	1540.5	1533.6	1533.6	1533.6	1533.6
175°	1553.3	1553.3	1553.3	1553.3	1553.3	1546.7	1538.0	1533.6	1535.7	1539.8	1542.9
177.5°	1546.6	1542.9	1546.6	1550.3	1551.2	1546.0	1539.1	1535.7	1537.3	1540.5	1542.9
180°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3627.9	3607.6	3607.6	3573.8	3560.3	3550.1	3533.2	3482.4	3468.9	3455.3	3475.7
5°	3658.4	3621.2	3594.1	3533.2	3482.4	3462.1	3397.8	3276.0	3194.8	3133.8	3100.0
7.5°	3665.2	3617.8	3567.0	3472.3	3350.4	3296.3	3100.0	2876.6	2815.7	2761.6	2727.7
10°	3658.4	3604.3	3533.2	3391.0	3103.4	3008.6	2812.3	2666.8	2629.6	2619.4	2629.6
12.5°	3634.7	3583.9	3485.8	3248.9	2846.2	2781.9	2666.8	2582.2	2575.4	2592.4	2683.7
15°	3594.1	3546.7	3431.7	3059.4	2704.0	2656.7	2575.4	2545.0	2582.2	2700.7	2974.8
17.5°	3553.5	3499.3	3357.2	2873.3	2595.7	2561.9	2504.4	2565.3	2775.1	2934.2	3025.5
20°	3499.3	3435.0	3272.6	2737.9	2517.9	2487.4	2460.4	2734.5	2893.6	2951.1	3001.9
22.5°	3435.0	3367.4	3157.5	2643.1	2436.7	2413.0	2429.9	2829.3	2893.6	2934.2	2978.2
25°	3350.4	3292.9	3022.2	2568.7	2372.4	2345.3	2409.6	2819.1	2856.3	2866.5	2954.5
27.5°	3272.6	3198.1	2880.0	2501.0	2294.5	2284.4	2426.5	2775.1	2802.2	2812.3	2907.1
30°	3177.8	3066.2	2721.0	2429.9	2213.3	2209.9	2429.9	2721.0	2714.2	2741.3	2836.0
32.5°	3079.7	2869.9	2541.6	2341.9	2135.5	2132.1	2406.2	2639.7	2633.0	2670.2	2741.3
35°	2988.3	2717.6	2297.9	2240.4	2037.3	2040.7	2348.7	2545.0	2548.4	2582.2	2626.2
37.5°	2893.6	2585.6	2030.6	2128.7	1942.6	1942.6	2270.8	2457.0	2450.2	2460.4	2521.3
40°	2781.9	2379.1	1793.7	1983.2	1854.6	1844.4	2176.1	2362.2	2338.5	2335.2	2419.8
42.5°	2663.4	2152.4	1617.7	1790.3	1753.1	1739.5	2061.0	2247.2	2203.2	2213.3	2321.6
45°	2534.8	2091.5	1482.3	1512.8	1648.1	1638.0	1935.8	2115.2	2084.7	2111.8	2223.5
47.5°	2406.2	1969.6	1438.3	1255.6	1536.5	1533.1	1797.1	1986.6	1969.6	1996.7	2115.2
50°	2230.2	1834.3	1434.9	1076.2	1411.2	1424.8	1631.2	1861.4	1861.4	1885.0	2010.3
52.5°	2003.5	1668.4	1302.9	974.7	1265.7	1306.3	1485.7	1753.1	1759.8	1783.5	1895.2
55°	1797.1	1495.9	1208.2	896.8	1093.1	1181.1	1343.6	1641.4	1654.9	1678.6	1780.1
57.5°	1607.5	1245.4	1187.9	805.5	934.1	1018.7	1218.3	1533.1	1539.8	1560.2	1658.3
60°	1404.5	900.2	1089.7	707.3	795.3	859.6	1103.3	1404.5	1428.2	1441.7	1526.3
62.5°	1174.3	653.2	988.2	639.6	727.6	741.2	1008.5	1282.6	1313.1	1323.3	1374.0
65°	835.9	548.3	839.3	582.1	656.5	659.9	907.0	1157.4	1184.5	1201.4	1238.6
67.5°	565.2	446.7	639.6	527.9	602.4	605.8	808.8	1011.9	1049.1	1062.7	1086.4
70°	392.6	297.8	473.8	470.4	541.5	548.3	703.9	879.9	913.8	923.9	937.4
72.5°	287.7	240.3	392.6	423.0	477.2	484.0	595.6	731.0	764.8	775.0	781.8
75°	220.0	253.8	318.1	368.9	406.1	409.5	487.3	595.6	619.3	626.1	629.5
77.5°	176.0	236.9	233.5	297.8	331.7	324.9	382.4	460.3	480.6	480.6	480.6
80°	132.0	186.1	176.0	213.2	243.7	236.9	274.1	328.3	335.0	341.8	338.4
82.5°	98.1	118.4	118.4	135.4	162.4	155.7	182.8	213.2	213.2	213.2	220.0
85°	60.9	67.7	54.1	71.1	91.4	88.0	101.5	115.1	118.4	118.4	111.7
87.5°	37.2	30.5	16.9	27.1	40.6	40.6	47.4	50.8	47.4	47.4	47.4
90°	26.9	18.7	10.4	18.7	26.9	29.0	45.6	67.7	78.7	69.9	52.4
92.5°	182.3	111.8	41.4	111.8	182.3	199.9	281.0	389.1	443.2	388.4	278.9
95°	357.2	228.3	99.4	228.3	357.2	389.4	691.4	1094.1	1295.4	1156.0	877.1
97.5°	399.3	285.6	171.9	285.6	399.3	427.7	931.3	1602.8	1938.5	1850.4	1674.1
100°	434.0	330.9	227.8	330.9	434.0	459.8	1018.6	1763.7	2136.3	2142.7	2155.6
102.5°	467.8	371.6	275.4	371.6	467.8	491.9	1058.7	1814.4	2192.2	2304.5	2529.1
105°	519.1	437.7	356.2	437.7	519.1	539.5	1088.3	1820.1	2186.0	2437.7	2941.2
107.5°	590.9	515.0	439.1	515.0	590.9	609.9	1093.8	1739.1	2061.7	2412.9	3115.2
110°	632.2	563.6	495.0	563.6	632.2	649.3	1085.6	1667.3	1958.2	2350.8	3135.9



TEST NUMBER: P935716

CATALOG NUMBER: SQ4-FA-125U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	680.6	615.2	549.9	615.2	680.6	696.9	1085.9	1604.6	1863.9	2265.7	3069.2
115°	753.2	693.0	632.7	693.0	753.2	768.3	1095.9	1532.7	1751.1	2138.1	2912.2
117.5°	824.0	769.3	714.5	769.3	824.0	837.7	1116.3	1487.7	1673.4	2022.7	2721.3
120°	865.2	813.7	762.1	813.7	865.2	878.1	1132.8	1472.5	1642.3	1961.5	2599.8
122.5°	912.7	860.7	808.7	860.7	912.7	925.7	1156.6	1464.5	1618.5	1905.9	2480.8
125°	975.0	927.6	880.2	927.6	975.0	986.8	1188.7	1458.0	1592.6	1836.8	2325.1
127.5°	1033.9	986.1	938.2	986.1	1033.9	1045.9	1220.9	1454.2	1570.9	1780.5	2199.8
130°	1072.3	1020.8	969.2	1020.8	1072.3	1085.2	1244.3	1456.5	1562.6	1749.2	2122.5
132.5°	1104.4	1052.9	1001.3	1052.9	1104.4	1117.3	1263.3	1458.0	1555.3	1722.4	2056.5
135°	1142.9	1095.9	1049.0	1095.9	1142.9	1154.6	1284.0	1456.6	1542.9	1682.8	1962.6
137.5°	1190.6	1144.1	1097.6	1144.1	1190.6	1202.2	1315.1	1465.6	1540.8	1659.1	1895.7
140°	1223.6	1180.8	1138.0	1180.8	1223.6	1234.3	1334.1	1467.1	1533.6	1635.8	1840.1
142.5°	1248.2	1208.7	1169.1	1208.7	1248.2	1258.1	1349.9	1472.4	1533.6	1623.3	1802.8
145°	1285.8	1251.2	1216.7	1251.2	1285.8	1294.4	1370.7	1472.4	1523.2	1596.6	1743.5
147.5°	1331.6	1298.0	1264.4	1298.0	1331.6	1340.0	1401.1	1482.5	1523.2	1581.0	1696.5
150°	1356.2	1325.8	1295.4	1325.8	1356.2	1363.8	1416.9	1487.8	1523.2	1572.0	1669.6
152.5°	1373.5	1350.5	1327.5	1350.5	1373.5	1379.3	1427.3	1491.2	1523.2	1564.9	1648.2
155°	1409.2	1392.2	1375.2	1392.2	1409.2	1413.5	1450.1	1498.8	1523.2	1556.4	1622.7
157.5°	1443.5	1426.9	1410.4	1426.9	1443.5	1447.6	1472.8	1506.4	1523.2	1549.0	1600.5
160°	1460.0	1447.1	1434.2	1447.1	1460.0	1463.2	1483.2	1509.9	1523.2	1545.3	1589.5
162.5°	1477.3	1467.6	1458.0	1467.6	1477.3	1479.7	1494.2	1513.5	1523.2	1541.8	1579.1
165°	1501.4	1492.7	1483.9	1492.7	1501.4	1503.6	1510.1	1518.8	1523.2	1536.6	1563.3
167.5°	1516.0	1511.8	1507.7	1511.8	1516.0	1517.0	1522.5	1529.9	1533.6	1542.3	1559.8
170°	1531.6	1527.4	1523.2	1527.4	1531.6	1532.6	1532.9	1533.4	1533.6	1542.3	1559.8
172.5°	1533.4	1532.4	1531.5	1532.4	1533.4	1533.6	1533.6	1533.6	1533.6	1540.5	1554.3
175°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1539.8	1535.7	1533.6	1538.0	1546.7
177.5°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1540.5	1537.3	1535.7	1539.1	1546.0
180°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9



TEST NUMBER: P935716
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3452.0	3441.8	3455.3	3418.1	3455.3	3441.8	3452.0	3475.7	3455.3	3468.9	3482.4
5°	3028.9	3012.0	2957.9	2913.9	2957.9	3012.0	3028.9	3100.0	3133.8	3194.8	3276.0
7.5°	2707.4	2693.9	2680.3	2653.3	2680.3	2693.9	2707.4	2727.7	2761.6	2815.7	2876.6
10°	2636.4	2639.7	2660.0	2656.7	2660.0	2639.7	2636.4	2629.6	2619.4	2629.6	2666.8
12.5°	2819.1	2849.6	2961.2	2954.5	2961.2	2849.6	2819.1	2683.7	2592.4	2575.4	2582.2
15°	3028.9	3039.1	3062.8	3066.2	3062.8	3039.1	3028.9	2974.8	2700.7	2582.2	2545.0
17.5°	3049.2	3052.6	3069.5	3069.5	3069.5	3052.6	3049.2	3025.5	2934.2	2775.1	2565.3
20°	3032.3	3039.1	3072.9	3079.7	3072.9	3039.1	3032.3	3001.9	2951.1	2893.6	2734.5
22.5°	3025.5	3039.1	3066.2	3062.8	3066.2	3039.1	3025.5	2978.2	2934.2	2893.6	2829.3
25°	2991.7	2991.7	2995.1	2998.5	2995.1	2991.7	2991.7	2954.5	2866.5	2856.3	2819.1
27.5°	2920.6	2927.4	2947.7	2944.3	2947.7	2927.4	2920.6	2907.1	2812.3	2802.2	2775.1
30°	2856.3	2849.6	2832.6	2819.1	2832.6	2849.6	2856.3	2836.0	2741.3	2714.2	2721.0
32.5°	2748.0	2731.1	2714.2	2704.0	2714.2	2731.1	2748.0	2741.3	2670.2	2633.0	2639.7
35°	2619.4	2622.8	2619.4	2609.3	2619.4	2622.8	2619.4	2626.2	2582.2	2548.4	2545.0
37.5°	2528.1	2534.8	2531.4	2517.9	2531.4	2534.8	2528.1	2521.3	2460.4	2450.2	2457.0
40°	2433.3	2436.7	2433.3	2423.1	2433.3	2436.7	2433.3	2419.8	2335.2	2338.5	2362.2
42.5°	2341.9	2338.5	2328.4	2321.6	2328.4	2338.5	2341.9	2321.6	2213.3	2203.2	2247.2
45°	2237.0	2240.4	2220.1	2209.9	2220.1	2240.4	2237.0	2223.5	2111.8	2084.7	2115.2
47.5°	2132.1	2132.1	2115.2	2105.0	2115.2	2132.1	2132.1	2115.2	1996.7	1969.6	1986.6
50°	2020.4	2017.0	1993.3	1990.0	1993.3	2017.0	2020.4	2010.3	1885.0	1861.4	1861.4
52.5°	1891.8	1891.8	1895.2	1902.0	1895.2	1891.8	1891.8	1895.2	1783.5	1759.8	1753.1
55°	1780.1	1783.5	1807.2	1814.0	1807.2	1783.5	1780.1	1780.1	1678.6	1654.9	1641.4
57.5°	1665.1	1665.1	1682.0	1682.0	1682.0	1665.1	1665.1	1658.3	1560.2	1539.8	1533.1
60°	1533.1	1539.8	1553.4	1550.0	1553.4	1539.8	1533.1	1526.3	1441.7	1428.2	1404.5
62.5°	1394.3	1401.1	1404.5	1397.7	1404.5	1401.1	1394.3	1374.0	1323.3	1313.1	1282.6
65°	1248.8	1255.6	1259.0	1252.2	1259.0	1255.6	1248.8	1238.6	1201.4	1184.5	1157.4
67.5°	1099.9	1096.5	1093.1	1106.7	1093.1	1096.5	1099.9	1086.4	1062.7	1049.1	1011.9
70°	947.6	947.6	944.2	951.0	944.2	947.6	947.6	937.4	923.9	913.8	879.9
72.5°	785.2	781.8	795.3	785.2	795.3	781.8	785.2	781.8	775.0	764.8	731.0
75°	626.1	632.9	626.1	636.2	626.1	632.9	626.1	629.5	626.1	619.3	595.6
77.5°	477.2	484.0	477.2	477.2	477.2	484.0	477.2	480.6	480.6	480.6	460.3
80°	338.4	335.0	335.0	331.7	335.0	335.0	338.4	338.4	341.8	335.0	328.3
82.5°	216.6	213.2	213.2	220.0	213.2	213.2	216.6	220.0	213.2	213.2	213.2
85°	118.4	121.8	115.1	115.1	115.1	121.8	118.4	111.7	118.4	118.4	115.1
87.5°	44.0	40.6	40.6	40.6	40.6	40.6	44.0	47.4	47.4	47.4	50.8
90°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	52.4	69.9	78.7	67.7
92.5°	196.7	188.9	157.6	126.3	157.6	188.9	196.7	278.9	388.4	443.2	389.1
95°	667.9	644.2	549.4	454.6	549.4	644.2	667.9	877.1	1156.0	1295.4	1094.1
97.5°	1541.9	1496.8	1316.4	1136.0	1316.4	1496.8	1541.9	1674.1	1850.4	1938.5	1602.8
100°	2165.3	2111.6	1896.6	1681.7	1896.6	2111.6	2165.3	2155.6	2142.7	2136.3	1763.7
102.5°	2697.5	2651.5	2467.4	2283.3	2467.4	2651.5	2697.5	2529.1	2304.5	2192.2	1814.4
105°	3318.8	3294.1	3195.1	3096.2	3195.1	3294.1	3318.8	2941.2	2437.7	2186.0	1820.1
107.5°	3641.9	3647.9	3671.8	3695.7	3671.8	3647.9	3641.9	3115.2	2412.9	2061.7	1739.1
110°	3724.7	3750.5	3853.6	3956.7	3853.6	3750.5	3724.7	3135.9	2350.8	1958.2	1667.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3671.9	3711.5	3869.8	4028.1	3869.8	3711.5	3671.9	3069.2	2265.7	1863.9	1604.6
115°	3492.8	3547.7	3767.2	3986.7	3767.2	3547.7	3492.8	2912.2	2138.1	1751.1	1532.7
117.5°	3245.3	3306.2	3549.6	3793.1	3549.6	3306.2	3245.3	2721.3	2022.7	1673.4	1487.7
120°	3078.6	3137.7	3374.3	3610.8	3374.3	3137.7	3078.6	2599.8	1961.5	1642.3	1472.5
122.5°	2911.9	2970.2	3203.6	3436.9	3203.6	2970.2	2911.9	2480.8	1905.9	1618.5	1464.5
125°	2691.3	2745.0	2960.0	3174.9	2960.0	2745.0	2691.3	2325.1	1836.8	1592.6	1458.0
127.5°	2514.2	2559.5	2740.9	2922.2	2740.9	2559.5	2514.2	2199.8	1780.5	1570.9	1454.2
130°	2402.4	2444.3	2611.8	2779.3	2611.8	2444.3	2402.4	2122.5	1749.2	1562.6	1456.5
132.5°	2307.1	2344.6	2494.7	2644.7	2494.7	2344.6	2307.1	2056.5	1722.4	1555.3	1458.0
135°	2172.5	2204.8	2334.2	2463.5	2334.2	2204.8	2172.5	1962.6	1682.8	1542.9	1456.6
137.5°	2073.1	2099.6	2205.4	2311.3	2205.4	2099.6	2073.1	1895.7	1659.1	1540.8	1465.6
140°	1993.4	2018.1	2117.1	2216.0	2117.1	2018.1	1993.4	1840.1	1635.8	1533.6	1467.1
142.5°	1937.4	1958.7	2043.8	2129.0	2043.8	1958.7	1937.4	1802.8	1623.3	1533.6	1472.4
145°	1853.6	1869.7	1934.1	1998.5	1934.1	1869.7	1853.6	1743.5	1596.6	1523.2	1472.4
147.5°	1783.2	1796.5	1849.9	1903.3	1849.9	1796.5	1783.2	1696.5	1581.0	1523.2	1482.5
150°	1742.8	1753.6	1796.9	1840.1	1796.9	1753.6	1742.8	1669.6	1572.0	1523.2	1487.8
152.5°	1710.7	1718.9	1751.5	1784.2	1751.5	1718.9	1710.7	1648.2	1564.9	1523.2	1491.2
155°	1672.4	1677.8	1699.4	1721.0	1699.4	1677.8	1672.4	1622.7	1556.4	1523.2	1498.8
157.5°	1639.2	1643.0	1658.2	1673.4	1658.2	1643.0	1639.2	1600.5	1549.0	1523.2	1506.4
160°	1622.6	1624.8	1633.5	1642.3	1633.5	1624.8	1622.6	1589.5	1545.3	1523.2	1509.9
162.5°	1607.1	1609.2	1617.5	1625.8	1617.5	1609.2	1607.1	1579.1	1541.8	1523.2	1513.5
165°	1583.3	1585.5	1594.2	1603.0	1594.2	1585.5	1583.3	1563.3	1536.6	1523.2	1518.8
167.5°	1572.9	1573.8	1577.5	1581.2	1577.5	1573.8	1572.9	1559.8	1542.3	1533.6	1529.9
170°	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1559.8	1542.3	1533.6	1533.4
172.5°	1564.7	1563.9	1560.6	1557.4	1560.6	1563.9	1564.7	1554.3	1540.5	1533.6	1533.6
175°	1553.3	1553.3	1553.3	1553.3	1553.3	1553.3	1553.3	1546.7	1538.0	1533.6	1535.7
177.5°	1551.2	1550.3	1546.6	1542.9	1546.6	1550.3	1551.2	1546.0	1539.1	1535.7	1537.3
180°	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9	1542.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3533.2	3550.1	3560.3	3573.8	3607.6
5°	3397.8	3462.1	3482.4	3533.2	3594.1
7.5°	3100.0	3296.3	3350.4	3472.3	3567.0
10°	2812.3	3008.6	3103.4	3391.0	3533.2
12.5°	2666.8	2781.9	2846.2	3248.9	3485.8
15°	2575.4	2656.7	2704.0	3059.4	3431.7
17.5°	2504.4	2561.9	2595.7	2873.3	3357.2
20°	2460.4	2487.4	2517.9	2737.9	3272.6
22.5°	2429.9	2413.0	2436.7	2643.1	3157.5
25°	2409.6	2345.3	2372.4	2568.7	3022.2
27.5°	2426.5	2284.4	2294.5	2501.0	2880.0
30°	2429.9	2209.9	2213.3	2429.9	2721.0
32.5°	2406.2	2132.1	2135.5	2341.9	2541.6
35°	2348.7	2040.7	2037.3	2240.4	2297.9
37.5°	2270.8	1942.6	1942.6	2128.7	2030.6
40°	2176.1	1844.4	1854.6	1983.2	1793.7
42.5°	2061.0	1739.5	1753.1	1790.3	1617.7
45°	1935.8	1638.0	1648.1	1512.8	1482.3
47.5°	1797.1	1533.1	1536.5	1255.6	1438.3
50°	1631.2	1424.8	1411.2	1076.2	1434.9
52.5°	1485.7	1306.3	1265.7	974.7	1302.9
55°	1343.6	1181.1	1093.1	896.8	1208.2
57.5°	1218.3	1018.7	934.1	805.5	1187.9
60°	1103.3	859.6	795.3	707.3	1089.7
62.5°	1008.5	741.2	727.6	639.6	988.2
65°	907.0	659.9	656.5	582.1	839.3
67.5°	808.8	605.8	602.4	527.9	639.6
70°	703.9	548.3	541.5	470.4	473.8
72.5°	595.6	484.0	477.2	423.0	392.6
75°	487.3	409.5	406.1	368.9	318.1
77.5°	382.4	324.9	331.7	297.8	233.5
80°	274.1	236.9	243.7	213.2	176.0
82.5°	182.8	155.7	162.4	135.4	118.4
85°	101.5	88.0	91.4	71.1	54.1
87.5°	47.4	40.6	40.6	27.1	16.9
90°	45.6	29.0	26.9	18.7	10.4
92.5°	281.0	199.9	182.3	111.8	41.4
95°	691.4	389.4	357.2	228.3	99.4
97.5°	931.3	427.7	399.3	285.6	171.9
100°	1018.6	459.8	434.0	330.9	227.8
102.5°	1058.7	491.9	467.8	371.6	275.4
105°	1088.3	539.5	519.1	437.7	356.2
107.5°	1093.8	609.9	590.9	515.0	439.1
110°	1085.6	649.3	632.2	563.6	495.0



TEST NUMBER: P935716

CATALOG NUMBER: SQ4-FA-125U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1085.9	696.9	680.6	615.2	549.9
115°	1095.9	768.3	753.2	693.0	632.7
117.5°	1116.3	837.7	824.0	769.3	714.5
120°	1132.8	878.1	865.2	813.7	762.1
122.5°	1156.6	925.7	912.7	860.7	808.7
125°	1188.7	986.8	975.0	927.6	880.2
127.5°	1220.9	1045.9	1033.9	986.1	938.2
130°	1244.3	1085.2	1072.3	1020.8	969.2
132.5°	1263.3	1117.3	1104.4	1052.9	1001.3
135°	1284.0	1154.6	1142.9	1095.9	1049.0
137.5°	1315.1	1202.2	1190.6	1144.1	1097.6
140°	1334.1	1234.3	1223.6	1180.8	1138.0
142.5°	1349.9	1258.1	1248.2	1208.7	1169.1
145°	1370.7	1294.4	1285.8	1251.2	1216.7
147.5°	1401.1	1340.0	1331.6	1298.0	1264.4
150°	1416.9	1363.8	1356.2	1325.8	1295.4
152.5°	1427.3	1379.3	1373.5	1350.5	1327.5
155°	1450.1	1413.5	1409.2	1392.2	1375.2
157.5°	1472.8	1447.6	1443.5	1426.9	1410.4
160°	1483.2	1463.2	1460.0	1447.1	1434.2
162.5°	1494.2	1479.7	1477.3	1467.6	1458.0
165°	1510.1	1503.6	1501.4	1492.7	1483.9
167.5°	1522.5	1517.0	1516.0	1511.8	1507.7
170°	1532.9	1532.6	1531.6	1527.4	1523.2
172.5°	1533.6	1533.6	1533.4	1532.4	1531.5
175°	1539.8	1542.9	1542.9	1542.9	1542.9
177.5°	1540.5	1542.9	1542.9	1542.9	1542.9
180°	1542.9	1542.9	1542.9	1542.9	1542.9



TEST NUMBER: P935716
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.39	15.24	15.36	16.22	17.52	17.23	18.07	18.20	19.06	20.36
	3H	14.87	15.62	15.85	16.62	17.94	18.58	19.33	19.56	20.33	21.65
	4H	15.06	15.77	16.06	16.77	18.10	19.02	19.74	20.02	20.74	22.06
	6H	15.18	15.84	16.18	16.84	18.18	19.31	19.97	20.32	20.97	22.31
	8H	15.18	15.80	16.19	16.83	18.16	19.38	20.01	20.40	21.03	22.37
	12H	15.15	15.74	16.17	16.76	18.12	19.42	20.02	20.44	21.03	22.39
4H	2H	15.42	16.14	16.43	17.14	18.47	17.64	18.35	18.64	19.35	20.68
	3H	16.45	17.05	17.46	18.08	19.42	19.14	19.74	20.16	20.77	22.11
	4H	16.73	17.27	17.75	18.29	19.66	19.67	20.22	20.69	21.24	22.60
	6H	16.85	17.32	17.88	18.36	19.72	20.04	20.51	21.07	21.55	22.91
	8H	16.85	17.29	17.89	18.33	19.71	20.15	20.58	21.18	21.62	23.00
	12H	16.82	17.22	17.87	18.27	19.65	20.20	20.60	21.25	21.65	23.03
8H	4H	17.18	17.62	18.21	18.65	20.03	19.80	20.23	20.83	21.27	22.65
	6H	17.44	17.80	18.50	18.88	20.25	20.23	20.60	21.29	21.67	23.05
	8H	17.48	17.80	18.55	18.86	20.26	20.39	20.70	21.45	21.77	23.16
	12H	17.47	17.75	18.53	18.80	20.24	20.49	20.77	21.55	21.82	23.26
12H	4H	17.18	17.58	18.24	18.63	20.01	19.76	20.15	20.81	21.21	22.59
	6H	17.50	17.82	18.56	18.88	20.28	20.23	20.55	21.29	21.61	23.01
	8H	17.57	17.85	18.63	18.91	20.34	20.39	20.67	21.46	21.73	23.17