

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: P935712

Luminaire Tested: SQ4-FA-125U-125D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935712
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-830-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

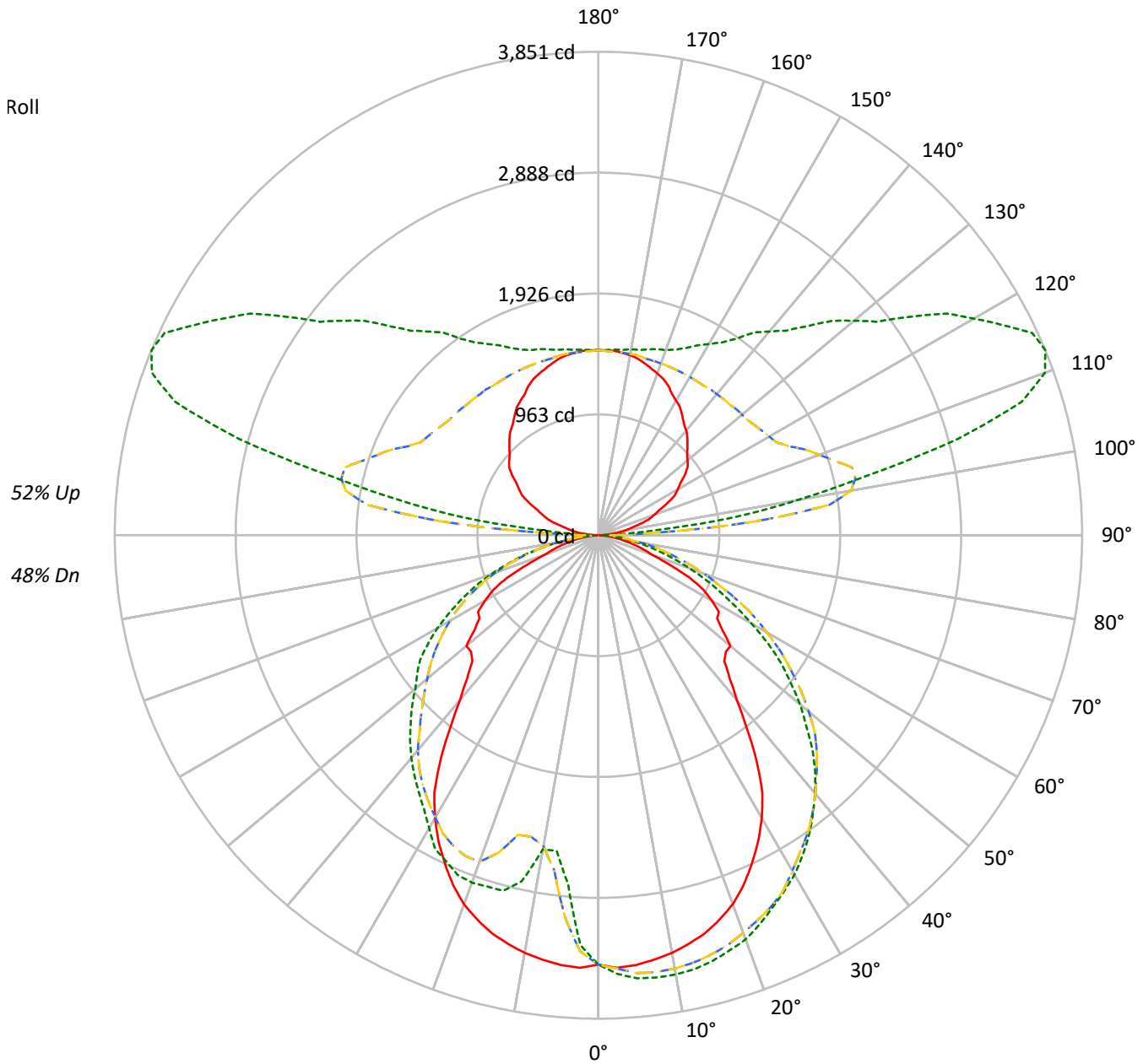
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18434.6 lumens
Efficiency: N/A
Efficacy: 122.6 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			20
RC	80				70				50			30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10		0
RCR																			
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54		48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46		41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39		34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33		29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28		25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25		21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22		19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19		17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17		15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16		13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14		12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15867	15867	15867	15867
5°	15985	16016	15985	12594
10°	15878	15777	15878	11280
15°	15706	15435	15706	12889
20°	15377	15030	15377	12916
25°	14705	14440	14705	12642
30°	13836	13949	13836	12041
35°	12335	13329	12335	11381
40°	10278	12599	10278	10882
45°	9183	11744	9183	10308
50°	9756	10725	9756	9732
55°	9179	9627	9179	9399
60°	9462	8176	9462	8608
65°	8579	6759	8579	7555
70°	5941	5386	5941	6333
75°	5208	3981	5208	4767
80°	4199	2632	4199	2867
85°	2408	1394	2408	1185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14075 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.7	1.7
10°-20°	876.5	4.8
20°-30°	1354.9	7.3
30°-40°	1617.4	8.8
40°-50°	1626.9	8.8
50°-60°	1415.6	7.7
60°-70°	1003.7	5.4
70°-80°	531.0	2.9
80°-90°	137.9	0.7
90°-100°	719.0	3.9
100°-110°	1890.3	10.3
110°-120°	1960.0	10.6
120°-130°	1572.2	8.5
130°-140°	1233.6	6.7
140°-150°	946.8	5.1
150°-160°	681.9	3.7
160°-170°	417.2	2.3
170°-180°	141.0	0.8
0°-30°	2540.0	13.8
0°-40°	4157.5	22.6
0°-60°	7200.0	39.1
0°-90°	8872.5	48.1
90°-120°	4569.3	24.8
90°-150°	8322.0	45.1
90°-180°	9562.0	51.9
0°-180°	18434.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3420	3420	3420	3420	3420	
5°	3436	3543	3436	2786	3436	326
15°	3281	3510	3281	2931	3281	923
25°	2889	3274	2889	2867	2889	1327
35°	2197	2922	2197	2494	2197	1359
45°	1417	2407	1417	2113	1417	1135
55°	1155	1776	1155	1734	1155	1061
65°	802	1071	802	1197	802	767
75°	304	508	304	608	304	320
85°	52	129	52	110	52	70
90°	10	38	10	38	10	10
95°	95	435	95	435	95	106
105°	340	2960	340	2960	340	361
115°	605	3811	605	3811	605	597
125°	842	3035	842	3035	842	747
135°	1003	2355	1003	2355	1003	776
145°	1163	1911	1163	1911	1163	729
155°	1315	1645	1315	1645	1315	604
165°	1419	1532	1419	1532	1419	400
175°	1475	1485	1475	1485	1475	140
180°	1475	1475	1475	1475	1475	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3448.9	3448.9	3468.3	3474.8	3474.8	3465.1	3455.4	3465.1	3494.2	3503.9	3500.7
5°	3436.0	3461.9	3497.4	3503.9	3510.3	3507.2	3500.7	3507.2	3539.5	3546.0	3549.2
7.5°	3410.1	3458.6	3503.9	3513.6	3523.3	3513.6	3510.3	3516.8	3549.2	3555.7	3555.7
10°	3377.7	3445.7	3497.4	3503.9	3513.6	3503.9	3503.9	3516.8	3549.2	3555.7	3558.9
12.5°	3332.4	3426.2	3474.8	3481.3	3494.2	3490.9	3487.8	3500.7	3533.0	3539.5	3539.5
15°	3280.7	3390.6	3436.0	3442.5	3465.1	3458.6	3458.6	3471.5	3507.2	3516.8	3513.6
17.5°	3209.5	3345.3	3397.1	3406.8	3423.1	3419.8	3423.1	3436.0	3468.3	3474.8	3478.0
20°	3128.6	3283.9	3345.3	3355.1	3371.2	3371.2	3371.2	3387.4	3419.8	3432.7	3432.7
22.5°	3018.6	3219.2	3283.9	3290.4	3309.8	3309.8	3316.3	3338.9	3368.0	3371.2	3371.2
25°	2889.2	3148.0	3203.0	3222.4	3241.8	3251.5	3261.3	3274.2	3283.9	3280.7	3283.9
27.5°	2753.3	3057.4	3128.6	3141.5	3167.4	3177.2	3190.1	3193.3	3196.6	3206.2	3199.7
30°	2601.3	2931.3	3038.0	3051.0	3093.0	3099.4	3086.5	3093.0	3109.2	3115.7	3122.1
32.5°	2429.8	2743.6	2944.2	2973.4	3012.2	2992.8	2989.5	2999.2	3025.1	3025.1	3031.6
35°	2196.8	2598.0	2856.8	2882.7	2911.8	2889.2	2902.1	2905.4	2921.5	2931.3	2928.0
37.5°	1941.3	2471.8	2766.3	2785.7	2808.3	2779.2	2798.6	2808.3	2821.3	2814.8	2814.8
40°	1714.8	2274.4	2659.5	2672.4	2691.8	2669.2	2688.6	2695.1	2701.6	2695.1	2691.8
42.5°	1546.5	2057.7	2546.2	2562.4	2549.5	2565.6	2572.1	2585.0	2575.4	2562.4	2562.4
45°	1417.1	1999.5	2423.3	2442.7	2423.3	2449.2	2458.9	2458.9	2429.8	2423.3	2420.0
47.5°	1375.0	1882.9	2300.3	2300.3	2290.7	2323.0	2339.1	2316.5	2287.4	2277.7	2277.7
50°	1371.8	1753.6	2132.1	2119.2	2164.5	2203.3	2187.1	2164.5	2141.8	2106.3	2106.3
52.5°	1245.6	1595.0	1915.3	1963.9	2035.0	2057.7	2031.8	2009.1	1970.3	1954.2	1941.3
55°	1155.0	1430.1	1718.0	1815.1	1889.4	1918.6	1870.0	1847.4	1789.2	1779.5	1773.0
57.5°	1135.6	1190.6	1536.8	1659.7	1750.3	1747.1	1718.0	1676.0	1627.4	1617.6	1614.5
60°	1041.8	860.6	1342.7	1488.3	1582.1	1572.4	1546.5	1507.7	1462.4	1455.9	1449.5
62.5°	944.7	624.5	1122.6	1287.6	1420.3	1417.1	1394.4	1336.2	1303.9	1287.6	1274.7
65°	802.4	524.2	799.1	1070.9	1261.8	1268.2	1219.8	1177.7	1142.0	1122.6	1119.5
67.5°	611.5	427.0	540.3	893.0	1109.7	1103.2	1041.8	1022.3	977.1	967.4	948.0
70°	453.0	284.7	375.3	724.7	960.9	944.7	896.2	873.6	831.5	808.9	795.9
72.5°	375.3	229.7	275.0	563.0	808.9	789.5	747.4	721.5	685.9	666.5	653.5
75°	304.1	242.6	210.3	417.4	656.8	643.9	605.1	579.1	550.0	524.2	527.3
77.5°	223.2	226.5	168.3	307.4	520.9	501.5	478.9	446.5	433.5	407.6	407.6
80°	168.3	177.9	126.2	210.3	375.3	375.3	355.9	333.3	310.6	297.7	297.7
82.5°	113.2	113.2	93.8	132.7	255.6	245.9	233.0	226.5	213.6	207.1	207.1
85°	51.7	64.7	58.2	80.9	139.1	145.6	145.6	139.1	135.8	129.4	132.7
87.5°	16.2	29.2	35.6	45.3	71.2	74.4	77.6	77.6	77.6	80.9	80.9
90°	9.9	17.9	25.7	27.7	43.6	64.7	75.2	66.8	50.1	37.6	37.6
92.5°	39.6	106.9	174.3	191.1	268.6	372.0	423.7	371.3	266.6	188.0	180.6
95°	95.0	218.3	341.5	372.3	661.0	1046.0	1238.4	1105.1	838.5	638.5	615.9
97.5°	164.3	273.0	381.7	408.9	890.3	1532.3	1853.2	1769.0	1600.4	1474.1	1430.9
100°	217.8	316.3	414.9	439.6	973.8	1686.1	2042.3	2048.4	2060.8	2070.0	2018.7
102.5°	263.3	355.2	447.2	470.3	1012.1	1734.6	2095.7	2203.1	2417.8	2578.8	2534.8
105°	340.5	418.4	496.3	515.8	1040.4	1740.0	2089.8	2330.4	2811.8	3172.8	3149.2
107.5°	419.8	492.3	564.9	583.1	1045.7	1662.6	1971.0	2306.7	2978.1	3481.7	3487.4
110°	473.2	538.8	604.4	620.7	1037.8	1593.9	1872.0	2247.4	2997.9	3560.8	3585.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	525.7	588.1	650.7	666.2	1038.1	1534.0	1781.9	2166.0	2934.2	3510.3	3548.2
115°	604.9	662.5	720.1	734.5	1047.7	1465.3	1674.1	2044.0	2784.1	3339.1	3391.6
117.5°	683.1	735.5	787.7	800.8	1067.2	1422.2	1599.8	1933.7	2601.6	3102.5	3160.7
120°	728.6	777.9	827.1	839.5	1083.0	1407.7	1570.0	1875.2	2485.4	2943.1	2999.6
122.5°	773.1	822.8	872.5	885.0	1105.7	1400.1	1547.3	1822.0	2371.6	2783.8	2839.5
125°	841.5	886.8	932.1	943.4	1136.4	1393.8	1522.5	1756.0	2222.8	2572.9	2624.2
127.5°	896.9	942.7	988.4	999.9	1167.2	1390.2	1501.8	1702.2	2103.0	2403.6	2446.9
130°	926.6	975.9	1025.1	1037.5	1189.6	1392.4	1493.8	1672.2	2029.1	2296.7	2336.8
132.5°	957.2	1006.6	1055.8	1068.1	1207.7	1393.8	1486.9	1646.6	1966.0	2205.6	2241.4
135°	1002.8	1047.7	1092.6	1103.8	1227.5	1392.5	1475.0	1608.8	1876.2	2076.9	2107.8
137.5°	1049.3	1093.8	1138.2	1149.3	1257.2	1401.1	1473.0	1586.1	1812.3	1981.9	2007.2
140°	1087.9	1128.8	1169.8	1180.0	1275.4	1402.5	1466.1	1563.8	1759.1	1905.7	1929.3
142.5°	1117.7	1155.5	1193.3	1202.7	1290.5	1407.6	1466.1	1551.9	1723.5	1852.2	1872.5
145°	1163.2	1196.1	1229.2	1237.4	1310.4	1407.6	1456.2	1526.3	1666.8	1772.0	1787.4
147.5°	1208.8	1240.9	1273.0	1281.0	1339.5	1417.3	1456.2	1511.4	1621.9	1704.7	1717.5
150°	1238.4	1267.5	1296.5	1303.8	1354.6	1422.3	1456.2	1502.8	1596.1	1666.1	1676.4
152.5°	1269.1	1291.1	1313.1	1318.6	1364.5	1425.6	1456.2	1496.0	1575.7	1635.4	1643.3
155°	1314.7	1330.9	1347.2	1351.3	1386.3	1432.9	1456.2	1487.9	1551.3	1598.8	1604.0
157.5°	1348.3	1364.1	1380.0	1383.9	1408.0	1440.1	1456.2	1480.8	1530.1	1567.1	1570.7
160°	1371.1	1383.4	1395.8	1398.8	1417.9	1443.5	1456.2	1477.3	1519.6	1551.2	1553.3
162.5°	1393.8	1403.0	1412.3	1414.6	1428.5	1446.9	1456.2	1474.0	1509.6	1536.4	1538.4
165°	1418.6	1427.0	1435.3	1437.4	1443.7	1452.0	1456.2	1469.0	1494.5	1513.6	1515.7
167.5°	1441.4	1445.3	1449.3	1450.3	1455.5	1462.6	1466.1	1474.4	1491.2	1503.7	1504.6
170°	1456.2	1460.2	1464.2	1465.2	1465.5	1465.9	1466.1	1474.4	1491.2	1503.7	1503.7
172.5°	1464.1	1465.0	1465.9	1466.1	1466.1	1466.1	1466.1	1472.7	1485.9	1495.9	1495.1
175°	1475.0	1475.0	1475.0	1475.0	1472.0	1468.1	1466.1	1470.3	1478.6	1485.0	1485.0
177.5°	1475.0	1475.0	1475.0	1475.0	1472.7	1469.7	1468.1	1471.4	1478.0	1482.9	1482.1
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3507.2	3497.4	3507.2	3500.7	3503.9	3494.2	3465.1	3455.4	3465.1	3474.8	3474.8
5°	3549.2	3542.7	3549.2	3549.2	3546.0	3539.5	3507.2	3500.7	3507.2	3510.3	3503.9
7.5°	3562.2	3552.4	3562.2	3555.7	3555.7	3549.2	3516.8	3510.3	3513.6	3523.3	3513.6
10°	3562.2	3552.4	3562.2	3558.9	3555.7	3549.2	3516.8	3503.9	3503.9	3513.6	3503.9
12.5°	3546.0	3539.5	3546.0	3539.5	3539.5	3533.0	3500.7	3487.8	3490.9	3494.2	3481.3
15°	3520.1	3510.3	3520.1	3513.6	3516.8	3507.2	3471.5	3458.6	3458.6	3465.1	3442.5
17.5°	3481.3	3468.3	3481.3	3478.0	3474.8	3468.3	3436.0	3423.1	3419.8	3423.1	3406.8
20°	3436.0	3426.2	3436.0	3432.7	3432.7	3419.8	3387.4	3371.2	3371.2	3371.2	3355.1
22.5°	3364.7	3355.1	3364.7	3371.2	3371.2	3368.0	3338.9	3316.3	3309.8	3309.8	3290.4
25°	3283.9	3274.2	3283.9	3283.9	3280.7	3283.9	3274.2	3261.3	3251.5	3241.8	3222.4
27.5°	3206.2	3199.7	3206.2	3199.7	3206.2	3196.6	3193.3	3190.1	3177.2	3167.4	3141.5
30°	3128.6	3122.1	3128.6	3122.1	3115.7	3109.2	3093.0	3086.5	3099.4	3093.0	3051.0
32.5°	3031.6	3025.1	3031.6	3031.6	3025.1	3025.1	2999.2	2989.5	2992.8	3012.2	2973.4
35°	2931.3	2921.5	2931.3	2928.0	2931.3	2921.5	2905.4	2902.1	2889.2	2911.8	2882.7
37.5°	2814.8	2805.1	2814.8	2814.8	2814.8	2821.3	2808.3	2798.6	2779.2	2808.3	2785.7
40°	2695.1	2682.2	2695.1	2691.8	2695.1	2701.6	2695.1	2688.6	2669.2	2691.8	2672.4
42.5°	2559.2	2556.0	2559.2	2562.4	2562.4	2575.4	2585.0	2572.1	2565.6	2549.5	2562.4
45°	2413.6	2407.1	2413.6	2420.0	2423.3	2429.8	2458.9	2458.9	2449.2	2423.3	2442.7
47.5°	2258.3	2242.1	2258.3	2277.7	2277.7	2287.4	2316.5	2339.1	2323.0	2290.7	2300.3
50°	2093.3	2096.5	2093.3	2106.3	2106.3	2141.8	2164.5	2187.1	2203.3	2164.5	2119.2
52.5°	1931.5	1928.3	1931.5	1941.3	1954.2	1970.3	2009.1	2031.8	2057.7	2035.0	1963.9
55°	1769.7	1776.2	1769.7	1773.0	1779.5	1789.2	1847.4	1870.0	1918.6	1889.4	1815.1
57.5°	1608.0	1598.2	1608.0	1614.5	1617.6	1627.4	1676.0	1718.0	1747.1	1750.3	1659.7
60°	1420.3	1407.4	1420.3	1449.5	1455.9	1462.4	1507.7	1546.5	1572.4	1582.1	1488.3
62.5°	1255.3	1232.7	1255.3	1274.7	1287.6	1303.9	1336.2	1394.4	1417.1	1420.3	1287.6
65°	1080.6	1070.9	1080.6	1119.5	1122.6	1142.0	1177.7	1219.8	1268.2	1261.8	1070.9
67.5°	922.1	922.1	922.1	948.0	967.4	977.1	1022.3	1041.8	1103.2	1109.7	893.0
70°	776.5	773.2	776.5	795.9	808.9	831.5	873.6	896.2	944.7	960.9	724.7
72.5°	637.4	634.1	637.4	653.5	666.5	685.9	721.5	747.4	789.5	808.9	563.0
75°	514.4	507.9	514.4	527.3	524.2	550.0	579.1	605.1	643.9	656.8	417.4
77.5°	394.7	394.7	394.7	407.6	407.6	433.5	446.5	478.9	501.5	520.9	307.4
80°	294.4	291.2	294.4	297.7	297.7	310.6	333.3	355.9	375.3	375.3	210.3
82.5°	207.1	200.6	207.1	207.1	207.1	213.6	226.5	233.0	245.9	255.6	132.7
85°	129.4	129.4	129.4	132.7	129.4	135.8	139.1	145.6	145.6	139.1	80.9
87.5°	84.1	80.9	84.1	80.9	80.9	77.6	77.6	77.6	74.4	71.2	45.3
90°	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.2	64.7	43.6	27.7
92.5°	150.7	120.7	150.7	180.6	188.0	266.6	371.3	423.7	372.0	268.6	191.1
95°	525.2	434.6	525.2	615.9	638.5	838.5	1105.1	1238.4	1046.0	661.0	372.3
97.5°	1258.5	1086.0	1258.5	1430.9	1474.1	1600.4	1769.0	1853.2	1532.3	890.3	408.9
100°	1813.1	1607.7	1813.1	2018.7	2070.0	2060.8	2048.4	2042.3	1686.1	973.8	439.6
102.5°	2358.8	2182.8	2358.8	2534.8	2578.8	2417.8	2203.1	2095.7	1734.6	1012.1	470.3
105°	3054.5	2960.0	3054.5	3149.2	3172.8	2811.8	2330.4	2089.8	1740.0	1040.4	515.8
107.5°	3510.2	3533.1	3510.2	3487.4	3481.7	2978.1	2306.7	1971.0	1662.6	1045.7	583.1
110°	3684.0	3782.6	3684.0	3585.5	3560.8	2997.9	2247.4	1872.0	1593.9	1037.8	620.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3699.5	3850.9	3699.5	3548.2	3510.3	2934.2	2166.0	1781.9	1534.0	1038.1	666.2
115°	3601.4	3811.3	3601.4	3391.6	3339.1	2784.1	2044.0	1674.1	1465.3	1047.7	734.5
117.5°	3393.4	3626.2	3393.4	3160.7	3102.5	2601.6	1933.7	1599.8	1422.2	1067.2	800.8
120°	3225.8	3451.9	3225.8	2999.6	2943.1	2485.4	1875.2	1570.0	1407.7	1083.0	839.5
122.5°	3062.6	3285.7	3062.6	2839.5	2783.8	2371.6	1822.0	1547.3	1400.1	1105.7	885.0
125°	2829.8	3035.2	2829.8	2624.2	2572.9	2222.8	1756.0	1522.5	1393.8	1136.4	943.4
127.5°	2620.3	2793.6	2620.3	2446.9	2403.6	2103.0	1702.2	1501.8	1390.2	1167.2	999.9
130°	2496.9	2657.0	2496.9	2336.8	2296.7	2029.1	1672.2	1493.8	1392.4	1189.6	1037.5
132.5°	2384.9	2528.3	2384.9	2241.4	2205.6	1966.0	1646.6	1486.9	1393.8	1207.7	1068.1
135°	2231.5	2355.1	2231.5	2107.8	2076.9	1876.2	1608.8	1475.0	1392.5	1227.5	1103.8
137.5°	2108.4	2209.6	2108.4	2007.2	1981.9	1812.3	1586.1	1473.0	1401.1	1257.2	1149.3
140°	2023.9	2118.5	2023.9	1929.3	1905.7	1759.1	1563.8	1466.1	1402.5	1275.4	1180.0
142.5°	1953.9	2035.3	1953.9	1872.5	1852.2	1723.5	1551.9	1466.1	1407.6	1290.5	1202.7
145°	1849.0	1910.6	1849.0	1787.4	1772.0	1666.8	1526.3	1456.2	1407.6	1310.4	1237.4
147.5°	1768.5	1819.6	1768.5	1717.5	1704.7	1621.9	1511.4	1456.2	1417.3	1339.5	1281.0
150°	1717.8	1759.1	1717.8	1676.4	1666.1	1596.1	1502.8	1456.2	1422.3	1354.6	1303.8
152.5°	1674.4	1705.7	1674.4	1643.3	1635.4	1575.7	1496.0	1456.2	1425.6	1364.5	1318.6
155°	1624.6	1645.3	1624.6	1604.0	1598.8	1551.3	1487.9	1456.2	1432.9	1386.3	1351.3
157.5°	1585.2	1599.8	1585.2	1570.7	1567.1	1530.1	1480.8	1456.2	1440.1	1408.0	1383.9
160°	1561.6	1570.0	1561.6	1553.3	1551.2	1519.6	1477.3	1456.2	1443.5	1417.9	1398.8
162.5°	1546.3	1554.3	1546.3	1538.4	1536.4	1509.6	1474.0	1456.2	1446.9	1428.5	1414.6
165°	1524.1	1532.5	1524.1	1515.7	1513.6	1494.5	1469.0	1456.2	1452.0	1443.7	1437.4
167.5°	1508.1	1511.6	1508.1	1504.6	1503.7	1491.2	1474.4	1466.1	1462.6	1455.5	1450.3
170°	1503.7	1503.7	1503.7	1503.7	1503.7	1491.2	1474.4	1466.1	1465.9	1465.5	1465.2
172.5°	1491.9	1488.9	1491.9	1495.1	1495.9	1485.9	1472.7	1466.1	1466.1	1466.1	1466.1
175°	1485.0	1485.0	1485.0	1485.0	1485.0	1478.6	1470.3	1466.1	1468.1	1472.0	1475.0
177.5°	1478.5	1475.0	1478.5	1482.1	1482.9	1478.0	1471.4	1468.1	1469.7	1472.7	1475.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3468.3	3448.9	3448.9	3416.6	3403.6	3393.9	3377.7	3329.2	3316.3	3303.3	3322.8
5°	3497.4	3461.9	3436.0	3377.7	3329.2	3309.8	3248.3	3131.9	3054.2	2995.9	2963.6
7.5°	3503.9	3458.6	3410.1	3319.5	3203.0	3151.3	2963.6	2750.0	2691.8	2640.1	2607.7
10°	3497.4	3445.7	3377.7	3241.8	2966.9	2876.2	2688.6	2549.5	2513.9	2504.1	2513.9
12.5°	3474.8	3426.2	3332.4	3105.9	2721.0	2659.5	2549.5	2468.6	2462.1	2478.3	2565.6
15°	3436.0	3390.6	3280.7	2924.8	2585.0	2539.8	2462.1	2433.0	2468.6	2581.9	2843.9
17.5°	3397.1	3345.3	3209.5	2746.9	2481.5	2449.2	2394.2	2452.4	2653.0	2805.1	2892.4
20°	3345.3	3283.9	3128.6	2617.4	2407.1	2378.0	2352.1	2614.2	2766.3	2821.3	2869.8
22.5°	3283.9	3219.2	3018.6	2526.8	2329.5	2306.8	2323.0	2704.8	2766.3	2805.1	2847.2
25°	3203.0	3148.0	2889.2	2455.7	2268.0	2242.1	2303.6	2695.1	2730.6	2740.4	2824.5
27.5°	3128.6	3057.4	2753.3	2391.0	2193.5	2183.9	2319.7	2653.0	2678.9	2688.6	2779.2
30°	3038.0	2931.3	2601.3	2323.0	2115.9	2112.7	2323.0	2601.3	2594.8	2620.7	2711.2
32.5°	2944.2	2743.6	2429.8	2238.9	2041.5	2038.3	2300.3	2523.6	2517.1	2552.7	2620.7
35°	2856.8	2598.0	2196.8	2141.8	1947.7	1950.9	2245.4	2433.0	2436.3	2468.6	2510.6
37.5°	2766.3	2471.8	1941.3	2035.0	1857.1	1857.1	2170.9	2348.9	2342.4	2352.1	2410.4
40°	2659.5	2274.4	1714.8	1895.9	1773.0	1763.2	2080.4	2258.3	2235.6	2232.5	2313.3
42.5°	2546.2	2057.7	1546.5	1711.5	1676.0	1663.0	1970.3	2148.3	2106.3	2115.9	2219.4
45°	2423.3	1999.5	1417.1	1446.2	1575.6	1565.9	1850.6	2022.1	1993.0	2018.9	2125.7
47.5°	2300.3	1882.9	1375.0	1200.4	1468.9	1465.6	1718.0	1899.2	1882.9	1908.8	2022.1
50°	2132.1	1753.6	1371.8	1028.8	1349.1	1362.1	1559.4	1779.5	1779.5	1802.1	1921.8
52.5°	1915.3	1595.0	1245.6	931.8	1210.0	1248.8	1420.3	1676.0	1682.4	1705.0	1811.8
55°	1718.0	1430.1	1155.0	857.3	1045.0	1129.1	1284.5	1569.2	1582.1	1604.7	1701.8
57.5°	1536.8	1190.6	1135.6	770.1	893.0	973.9	1164.7	1465.6	1472.0	1491.6	1585.3
60°	1342.7	860.6	1041.8	676.2	760.3	821.8	1054.8	1342.7	1365.4	1378.3	1459.1
62.5°	1122.6	624.5	944.7	611.5	695.6	708.6	964.1	1226.2	1255.3	1265.1	1313.5
65°	799.1	524.2	802.4	556.5	627.6	630.9	867.1	1106.5	1132.4	1148.5	1184.1
67.5°	540.3	427.0	611.5	504.7	575.9	579.1	773.2	967.4	1002.9	1015.9	1038.6
70°	375.3	284.7	453.0	449.7	517.7	524.2	672.9	841.2	873.6	883.2	896.2
72.5°	275.0	229.7	375.3	404.4	456.2	462.7	569.4	698.8	731.1	740.9	747.4
75°	210.3	242.6	304.1	352.7	388.2	391.5	465.9	569.4	592.1	598.6	601.8
77.5°	168.3	226.5	223.2	284.7	317.1	310.6	365.6	440.0	459.5	459.5	459.5
80°	126.2	177.9	168.3	203.8	233.0	226.5	262.0	313.9	320.3	326.8	323.5
82.5°	93.8	113.2	113.2	129.4	155.3	148.8	174.8	203.8	203.8	203.8	210.3
85°	58.2	64.7	51.7	68.0	87.4	84.1	97.0	110.0	113.2	113.2	106.8
87.5°	35.6	29.2	16.2	25.9	38.8	38.8	45.3	48.6	45.3	45.3	45.3
90°	25.7	17.9	9.9	17.9	25.7	27.7	43.6	64.7	75.2	66.8	50.1
92.5°	174.3	106.9	39.6	106.9	174.3	191.1	268.6	372.0	423.7	371.3	266.6
95°	341.5	218.3	95.0	218.3	341.5	372.3	661.0	1046.0	1238.4	1105.1	838.5
97.5°	381.7	273.0	164.3	273.0	381.7	408.9	890.3	1532.3	1853.2	1769.0	1600.4
100°	414.9	316.3	217.8	316.3	414.9	439.6	973.8	1686.1	2042.3	2048.4	2060.8
102.5°	447.2	355.2	263.3	355.2	447.2	470.3	1012.1	1734.6	2095.7	2203.1	2417.8
105°	496.3	418.4	340.5	418.4	496.3	515.8	1040.4	1740.0	2089.8	2330.4	2811.8
107.5°	564.9	492.3	419.8	492.3	564.9	583.1	1045.7	1662.6	1971.0	2306.7	2978.1
110°	604.4	538.8	473.2	538.8	604.4	620.7	1037.8	1593.9	1872.0	2247.4	2997.9



TEST NUMBER: P935712

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	650.7	588.1	525.7	588.1	650.7	666.2	1038.1	1534.0	1781.9	2166.0	2934.2
115°	720.1	662.5	604.9	662.5	720.1	734.5	1047.7	1465.3	1674.1	2044.0	2784.1
117.5°	787.7	735.5	683.1	735.5	787.7	800.8	1067.2	1422.2	1599.8	1933.7	2601.6
120°	827.1	777.9	728.6	777.9	827.1	839.5	1083.0	1407.7	1570.0	1875.2	2485.4
122.5°	872.5	822.8	773.1	822.8	872.5	885.0	1105.7	1400.1	1547.3	1822.0	2371.6
125°	932.1	886.8	841.5	886.8	932.1	943.4	1136.4	1393.8	1522.5	1756.0	2222.8
127.5°	988.4	942.7	896.9	942.7	988.4	999.9	1167.2	1390.2	1501.8	1702.2	2103.0
130°	1025.1	975.9	926.6	975.9	1025.1	1037.5	1189.6	1392.4	1493.8	1672.2	2029.1
132.5°	1055.8	1006.6	957.2	1006.6	1055.8	1068.1	1207.7	1393.8	1486.9	1646.6	1966.0
135°	1092.6	1047.7	1002.8	1047.7	1092.6	1103.8	1227.5	1392.5	1475.0	1608.8	1876.2
137.5°	1138.2	1093.8	1049.3	1093.8	1138.2	1149.3	1257.2	1401.1	1473.0	1586.1	1812.3
140°	1169.8	1128.8	1087.9	1128.8	1169.8	1180.0	1275.4	1402.5	1466.1	1563.8	1759.1
142.5°	1193.3	1155.5	1117.7	1155.5	1193.3	1202.7	1290.5	1407.6	1466.1	1551.9	1723.5
145°	1229.2	1196.1	1163.2	1196.1	1229.2	1237.4	1310.4	1407.6	1456.2	1526.3	1666.8
147.5°	1273.0	1240.9	1208.8	1240.9	1273.0	1281.0	1339.5	1417.3	1456.2	1511.4	1621.9
150°	1296.5	1267.5	1238.4	1267.5	1296.5	1303.8	1354.6	1422.3	1456.2	1502.8	1596.1
152.5°	1313.1	1291.1	1269.1	1291.1	1313.1	1318.6	1364.5	1425.6	1456.2	1496.0	1575.7
155°	1347.2	1330.9	1314.7	1330.9	1347.2	1351.3	1386.3	1432.9	1456.2	1487.9	1551.3
157.5°	1380.0	1364.1	1348.3	1364.1	1380.0	1383.9	1408.0	1440.1	1456.2	1480.8	1530.1
160°	1395.8	1383.4	1371.1	1383.4	1395.8	1398.8	1417.9	1443.5	1456.2	1477.3	1519.6
162.5°	1412.3	1403.0	1393.8	1403.0	1412.3	1414.6	1428.5	1446.9	1456.2	1474.0	1509.6
165°	1435.3	1427.0	1418.6	1427.0	1435.3	1437.4	1443.7	1452.0	1456.2	1469.0	1494.5
167.5°	1449.3	1445.3	1441.4	1445.3	1449.3	1450.3	1455.5	1462.6	1466.1	1474.4	1491.2
170°	1464.2	1460.2	1456.2	1460.2	1464.2	1465.2	1465.5	1465.9	1466.1	1474.4	1491.2
172.5°	1465.9	1465.0	1464.1	1465.0	1465.9	1466.1	1466.1	1466.1	1466.1	1472.7	1485.9
175°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1472.0	1468.1	1466.1	1470.3	1478.6
177.5°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1472.7	1469.7	1468.1	1471.4	1478.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



TEST NUMBER: P935712
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3300.1	3290.4	3303.3	3267.7	3303.3	3290.4	3300.1	3322.8	3303.3	3316.3	3329.2
5°	2895.6	2879.5	2827.8	2785.7	2827.8	2879.5	2895.6	2963.6	2995.9	3054.2	3131.9
7.5°	2588.3	2575.4	2562.4	2536.6	2562.4	2575.4	2588.3	2607.7	2640.1	2691.8	2750.0
10°	2520.4	2523.6	2543.0	2539.8	2543.0	2523.6	2520.4	2513.9	2504.1	2513.9	2549.5
12.5°	2695.1	2724.2	2830.9	2824.5	2830.9	2724.2	2695.1	2565.6	2478.3	2462.1	2468.6
15°	2895.6	2905.4	2928.0	2931.3	2928.0	2905.4	2895.6	2843.9	2581.9	2468.6	2433.0
17.5°	2915.0	2918.3	2934.4	2934.4	2934.4	2918.3	2915.0	2892.4	2805.1	2653.0	2452.4
20°	2898.9	2905.4	2937.7	2944.2	2937.7	2905.4	2898.9	2869.8	2821.3	2766.3	2614.2
22.5°	2892.4	2905.4	2931.3	2928.0	2931.3	2905.4	2892.4	2847.2	2805.1	2766.3	2704.8
25°	2860.1	2860.1	2863.3	2866.6	2863.3	2860.1	2860.1	2824.5	2740.4	2730.6	2695.1
27.5°	2792.1	2798.6	2818.0	2814.8	2818.0	2798.6	2792.1	2779.2	2688.6	2678.9	2653.0
30°	2730.6	2724.2	2708.0	2695.1	2708.0	2724.2	2730.6	2711.2	2620.7	2594.8	2601.3
32.5°	2627.1	2610.9	2594.8	2585.0	2594.8	2610.9	2627.1	2620.7	2552.7	2517.1	2523.6
35°	2504.1	2507.4	2504.1	2494.5	2504.1	2507.4	2504.1	2510.6	2468.6	2436.3	2433.0
37.5°	2416.9	2423.3	2420.0	2407.1	2420.0	2423.3	2416.9	2410.4	2352.1	2342.4	2348.9
40°	2326.2	2329.5	2326.2	2316.5	2326.2	2329.5	2326.2	2313.3	2232.5	2235.6	2258.3
42.5°	2238.9	2235.6	2226.0	2219.4	2226.0	2235.6	2238.9	2219.4	2115.9	2106.3	2148.3
45°	2138.6	2141.8	2122.4	2112.7	2122.4	2141.8	2138.6	2125.7	2018.9	1993.0	2022.1
47.5°	2038.3	2038.3	2022.1	2012.4	2022.1	2038.3	2038.3	2022.1	1908.8	1882.9	1899.2
50°	1931.5	1928.3	1905.6	1902.4	1905.6	1928.3	1931.5	1921.8	1802.1	1779.5	1779.5
52.5°	1808.6	1808.6	1811.8	1818.3	1811.8	1808.6	1808.6	1811.8	1705.0	1682.4	1676.0
55°	1701.8	1705.0	1727.7	1734.2	1727.7	1705.0	1701.8	1701.8	1604.7	1582.1	1569.2
57.5°	1591.8	1591.8	1608.0	1608.0	1608.0	1591.8	1591.8	1585.3	1491.6	1472.0	1465.6
60°	1465.6	1472.0	1485.1	1481.8	1485.1	1472.0	1465.6	1459.1	1378.3	1365.4	1342.7
62.5°	1333.0	1339.5	1342.7	1336.2	1342.7	1339.5	1333.0	1313.5	1265.1	1255.3	1226.2
65°	1193.9	1200.4	1203.6	1197.1	1203.6	1200.4	1193.9	1184.1	1148.5	1132.4	1106.5
67.5°	1051.5	1048.3	1045.0	1058.0	1045.0	1048.3	1051.5	1038.6	1015.9	1002.9	967.4
70°	905.9	905.9	902.7	909.2	902.7	905.9	905.9	896.2	883.2	873.6	841.2
72.5°	750.7	747.4	760.3	750.7	760.3	747.4	750.7	747.4	740.9	731.1	698.8
75°	598.6	605.1	598.6	608.2	598.6	605.1	598.6	601.8	598.6	592.1	569.4
77.5°	456.2	462.7	456.2	456.2	456.2	462.7	456.2	459.5	459.5	459.5	440.0
80°	323.5	320.3	320.3	317.1	320.3	320.3	323.5	323.5	326.8	320.3	313.9
82.5°	207.1	203.8	203.8	210.3	203.8	203.8	207.1	210.3	203.8	203.8	203.8
85°	113.2	116.4	110.0	110.0	110.0	116.4	113.2	106.8	113.2	113.2	110.0
87.5°	42.1	38.8	38.8	38.8	38.8	38.8	42.1	45.3	45.3	45.3	48.6
90°	37.6	37.6	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.2	64.7
92.5°	188.0	180.6	150.7	120.7	150.7	180.6	188.0	266.6	371.3	423.7	372.0
95°	638.5	615.9	525.2	434.6	525.2	615.9	638.5	838.5	1105.1	1238.4	1046.0
97.5°	1474.1	1430.9	1258.5	1086.0	1258.5	1430.9	1474.1	1600.4	1769.0	1853.2	1532.3
100°	2070.0	2018.7	1813.1	1607.7	1813.1	2018.7	2070.0	2060.8	2048.4	2042.3	1686.1
102.5°	2578.8	2534.8	2358.8	2182.8	2358.8	2534.8	2578.8	2417.8	2203.1	2095.7	1734.6
105°	3172.8	3149.2	3054.5	2960.0	3054.5	3149.2	3172.8	2811.8	2330.4	2089.8	1740.0
107.5°	3481.7	3487.4	3510.2	3533.1	3510.2	3487.4	3481.7	2978.1	2306.7	1971.0	1662.6
110°	3560.8	3585.5	3684.0	3782.6	3684.0	3585.5	3560.8	2997.9	2247.4	1872.0	1593.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3510.3	3548.2	3699.5	3850.9	3699.5	3548.2	3510.3	2934.2	2166.0	1781.9	1534.0
115°	3339.1	3391.6	3601.4	3811.3	3601.4	3391.6	3339.1	2784.1	2044.0	1674.1	1465.3
117.5°	3102.5	3160.7	3393.4	3626.2	3393.4	3160.7	3102.5	2601.6	1933.7	1599.8	1422.2
120°	2943.1	2999.6	3225.8	3451.9	3225.8	2999.6	2943.1	2485.4	1875.2	1570.0	1407.7
122.5°	2783.8	2839.5	3062.6	3285.7	3062.6	2839.5	2783.8	2371.6	1822.0	1547.3	1400.1
125°	2572.9	2624.2	2829.8	3035.2	2829.8	2624.2	2572.9	2222.8	1756.0	1522.5	1393.8
127.5°	2403.6	2446.9	2620.3	2793.6	2620.3	2446.9	2403.6	2103.0	1702.2	1501.8	1390.2
130°	2296.7	2336.8	2496.9	2657.0	2496.9	2336.8	2296.7	2029.1	1672.2	1493.8	1392.4
132.5°	2205.6	2241.4	2384.9	2528.3	2384.9	2241.4	2205.6	1966.0	1646.6	1486.9	1393.8
135°	2076.9	2107.8	2231.5	2355.1	2231.5	2107.8	2076.9	1876.2	1608.8	1475.0	1392.5
137.5°	1981.9	2007.2	2108.4	2209.6	2108.4	2007.2	1981.9	1812.3	1586.1	1473.0	1401.1
140°	1905.7	1929.3	2023.9	2118.5	2023.9	1929.3	1905.7	1759.1	1563.8	1466.1	1402.5
142.5°	1852.2	1872.5	1953.9	2035.3	1953.9	1872.5	1852.2	1723.5	1551.9	1466.1	1407.6
145°	1772.0	1787.4	1849.0	1910.6	1849.0	1787.4	1772.0	1666.8	1526.3	1456.2	1407.6
147.5°	1704.7	1717.5	1768.5	1819.6	1768.5	1717.5	1704.7	1621.9	1511.4	1456.2	1417.3
150°	1666.1	1676.4	1717.8	1759.1	1717.8	1676.4	1666.1	1596.1	1502.8	1456.2	1422.3
152.5°	1635.4	1643.3	1674.4	1705.7	1674.4	1643.3	1635.4	1575.7	1496.0	1456.2	1425.6
155°	1598.8	1604.0	1624.6	1645.3	1624.6	1604.0	1598.8	1551.3	1487.9	1456.2	1432.9
157.5°	1567.1	1570.7	1585.2	1599.8	1585.2	1570.7	1567.1	1530.1	1480.8	1456.2	1440.1
160°	1551.2	1553.3	1561.6	1570.0	1561.6	1553.3	1551.2	1519.6	1477.3	1456.2	1443.5
162.5°	1536.4	1538.4	1546.3	1554.3	1546.3	1538.4	1536.4	1509.6	1474.0	1456.2	1446.9
165°	1513.6	1515.7	1524.1	1532.5	1524.1	1515.7	1513.6	1494.5	1469.0	1456.2	1452.0
167.5°	1503.7	1504.6	1508.1	1511.6	1508.1	1504.6	1503.7	1491.2	1474.4	1466.1	1462.6
170°	1503.7	1503.7	1503.7	1503.7	1503.7	1503.7	1503.7	1491.2	1474.4	1466.1	1465.9
172.5°	1495.9	1495.1	1491.9	1488.9	1491.9	1495.1	1495.9	1485.9	1472.7	1466.1	1466.1
175°	1485.0	1485.0	1485.0	1485.0	1485.0	1485.0	1485.0	1478.6	1470.3	1466.1	1468.1
177.5°	1482.9	1482.1	1478.5	1475.0	1478.5	1482.1	1482.9	1478.0	1471.4	1468.1	1469.7
180°	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0	1475.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3377.7	3393.9	3403.6	3416.6	3448.9
5°	3248.3	3309.8	3329.2	3377.7	3436.0
7.5°	2963.6	3151.3	3203.0	3319.5	3410.1
10°	2688.6	2876.2	2966.9	3241.8	3377.7
12.5°	2549.5	2659.5	2721.0	3105.9	3332.4
15°	2462.1	2539.8	2585.0	2924.8	3280.7
17.5°	2394.2	2449.2	2481.5	2746.9	3209.5
20°	2352.1	2378.0	2407.1	2617.4	3128.6
22.5°	2323.0	2306.8	2329.5	2526.8	3018.6
25°	2303.6	2242.1	2268.0	2455.7	2889.2
27.5°	2319.7	2183.9	2193.5	2391.0	2753.3
30°	2323.0	2112.7	2115.9	2323.0	2601.3
32.5°	2300.3	2038.3	2041.5	2238.9	2429.8
35°	2245.4	1950.9	1947.7	2141.8	2196.8
37.5°	2170.9	1857.1	1857.1	2035.0	1941.3
40°	2080.4	1763.2	1773.0	1895.9	1714.8
42.5°	1970.3	1663.0	1676.0	1711.5	1546.5
45°	1850.6	1565.9	1575.6	1446.2	1417.1
47.5°	1718.0	1465.6	1468.9	1200.4	1375.0
50°	1559.4	1362.1	1349.1	1028.8	1371.8
52.5°	1420.3	1248.8	1210.0	931.8	1245.6
55°	1284.5	1129.1	1045.0	857.3	1155.0
57.5°	1164.7	973.9	893.0	770.1	1135.6
60°	1054.8	821.8	760.3	676.2	1041.8
62.5°	964.1	708.6	695.6	611.5	944.7
65°	867.1	630.9	627.6	556.5	802.4
67.5°	773.2	579.1	575.9	504.7	611.5
70°	672.9	524.2	517.7	449.7	453.0
72.5°	569.4	462.7	456.2	404.4	375.3
75°	465.9	391.5	388.2	352.7	304.1
77.5°	365.6	310.6	317.1	284.7	223.2
80°	262.0	226.5	233.0	203.8	168.3
82.5°	174.8	148.8	155.3	129.4	113.2
85°	97.0	84.1	87.4	68.0	51.7
87.5°	45.3	38.8	38.8	25.9	16.2
90°	43.6	27.7	25.7	17.9	9.9
92.5°	268.6	191.1	174.3	106.9	39.6
95°	661.0	372.3	341.5	218.3	95.0
97.5°	890.3	408.9	381.7	273.0	164.3
100°	973.8	439.6	414.9	316.3	217.8
102.5°	1012.1	470.3	447.2	355.2	263.3
105°	1040.4	515.8	496.3	418.4	340.5
107.5°	1045.7	583.1	564.9	492.3	419.8
110°	1037.8	620.7	604.4	538.8	473.2



TEST NUMBER: P935712

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1038.1	666.2	650.7	588.1	525.7
115°	1047.7	734.5	720.1	662.5	604.9
117.5°	1067.2	800.8	787.7	735.5	683.1
120°	1083.0	839.5	827.1	777.9	728.6
122.5°	1105.7	885.0	872.5	822.8	773.1
125°	1136.4	943.4	932.1	886.8	841.5
127.5°	1167.2	999.9	988.4	942.7	896.9
130°	1189.6	1037.5	1025.1	975.9	926.6
132.5°	1207.7	1068.1	1055.8	1006.6	957.2
135°	1227.5	1103.8	1092.6	1047.7	1002.8
137.5°	1257.2	1149.3	1138.2	1093.8	1049.3
140°	1275.4	1180.0	1169.8	1128.8	1087.9
142.5°	1290.5	1202.7	1193.3	1155.5	1117.7
145°	1310.4	1237.4	1229.2	1196.1	1163.2
147.5°	1339.5	1281.0	1273.0	1240.9	1208.8
150°	1354.6	1303.8	1296.5	1267.5	1238.4
152.5°	1364.5	1318.6	1313.1	1291.1	1269.1
155°	1386.3	1351.3	1347.2	1330.9	1314.7
157.5°	1408.0	1383.9	1380.0	1364.1	1348.3
160°	1417.9	1398.8	1395.8	1383.4	1371.1
162.5°	1428.5	1414.6	1412.3	1403.0	1393.8
165°	1443.7	1437.4	1435.3	1427.0	1418.6
167.5°	1455.5	1450.3	1449.3	1445.3	1441.4
170°	1465.5	1465.2	1464.2	1460.2	1456.2
172.5°	1466.1	1466.1	1465.9	1465.0	1464.1
175°	1472.0	1475.0	1475.0	1475.0	1475.0
177.5°	1472.7	1475.0	1475.0	1475.0	1475.0
180°	1475.0	1475.0	1475.0	1475.0	1475.0



TEST NUMBER: P935712
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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	14.24	15.08	15.21	16.07	17.37	17.07	17.92	18.05	18.91	20.20
	3H	14.71	15.47	15.70	16.46	17.78	18.42	19.18	19.40	20.17	21.49
	4H	14.90	15.62	15.90	16.62	17.95	18.87	19.58	19.86	20.58	21.91
	6H	15.02	15.68	16.03	16.68	18.02	19.15	19.81	20.16	20.82	22.16
	8H	15.02	15.65	16.03	16.67	18.01	19.23	19.85	20.24	20.88	22.21
	12H	14.99	15.59	16.01	16.60	17.96	19.27	19.86	20.28	20.88	22.24
4H	2H	15.27	15.98	16.27	16.98	18.31	17.48	18.20	18.48	19.20	20.52
	3H	16.29	16.89	17.31	17.92	19.26	18.99	19.58	20.00	20.61	21.95
	4H	16.57	17.12	17.59	18.14	19.50	19.52	20.06	20.54	21.08	22.45
	6H	16.69	17.16	17.72	18.21	19.57	19.88	20.35	20.91	21.40	22.76
	8H	16.70	17.14	17.73	18.17	19.55	19.99	20.43	21.02	21.47	22.84
	12H	16.66	17.06	17.72	18.11	19.49	20.05	20.44	21.10	21.50	22.88
8H	4H	17.02	17.46	18.06	18.50	19.87	19.64	20.08	20.67	21.11	22.49
	6H	17.28	17.65	18.34	18.72	20.10	20.08	20.44	21.13	21.52	22.89
	8H	17.33	17.64	18.39	18.71	20.10	20.23	20.55	21.29	21.61	23.00
	12H	17.31	17.59	18.38	18.65	20.08	20.33	20.61	21.40	21.67	23.10
12H	4H	17.03	17.42	18.08	18.48	19.86	19.60	20.00	20.65	21.05	22.43
	6H	17.34	17.66	18.41	18.73	20.12	20.07	20.39	21.14	21.46	22.85
	8H	17.41	17.69	18.48	18.75	20.18	20.24	20.52	21.30	21.57	23.01