

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: P934572

Luminaire Tested: SQ4-FA-050U-125D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

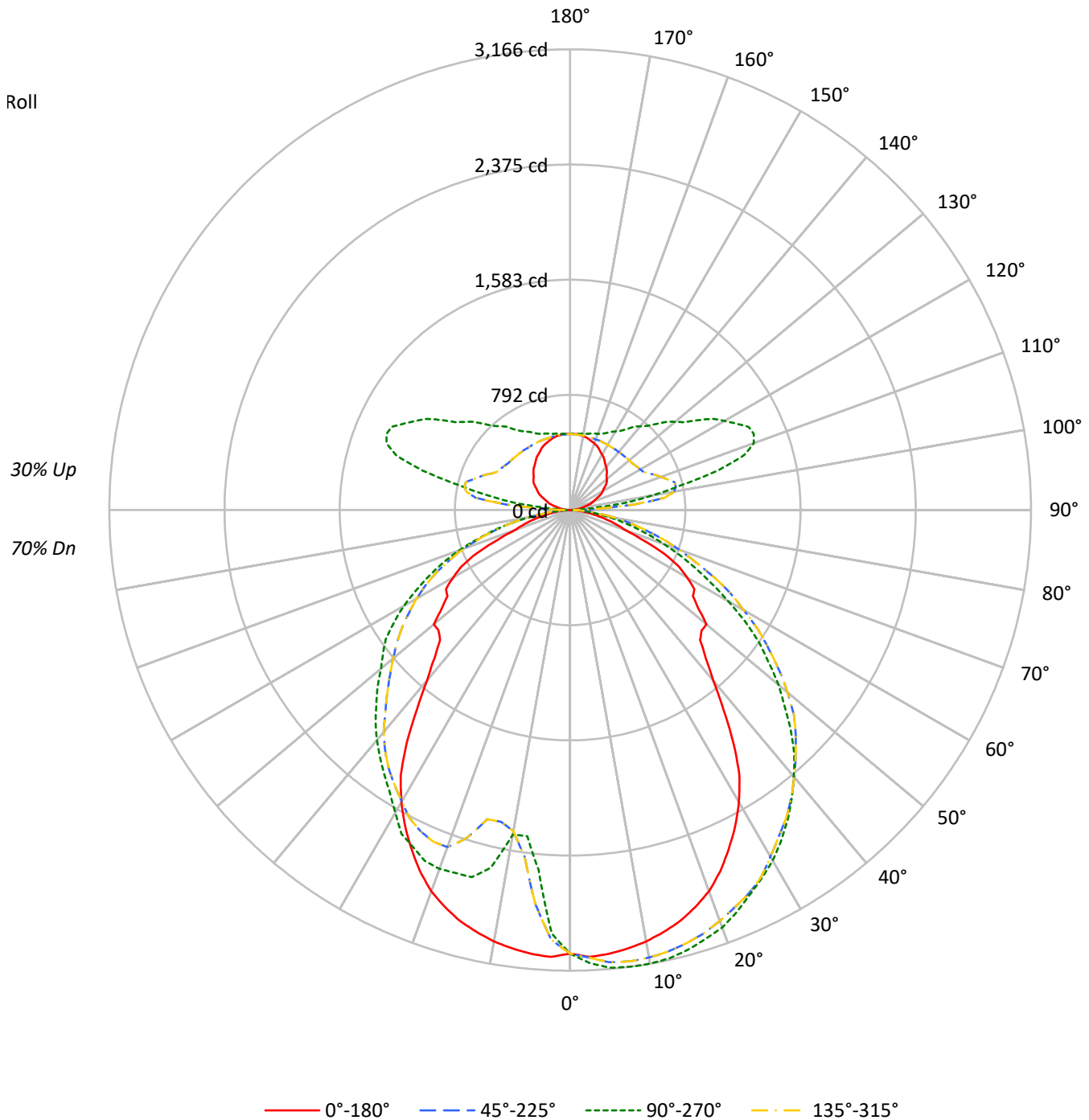
Test Method: LM-79-2019  
Report Number: P934572  
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-125D-935-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11296.7 lumens  
Efficiency: N/A  
Efficacy: 100.9 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: Semi-Direct  
  
Input Watts (W): 112  
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





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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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14141	14141	14141	14141
5°	14246	14274	14246	11224
10°	14151	14060	14151	10053
15°	13997	13756	13997	11487
20°	13705	13395	13705	11511
25°	13105	12869	13105	11267
30°	12331	12432	12331	10731
35°	10993	11879	10993	10143
40°	9160	11229	9160	9698
45°	8184	10467	8184	9186
50°	8694	9558	8694	8674
55°	8181	8580	8181	8376
60°	8432	7287	8432	7672
65°	7646	6023	7646	6733
70°	5294	4800	5294	5644
75°	4641	3549	4641	4248
80°	3742	2346	3742	2555
85°	2147	1243	2147	1057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12543 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	275.1	2.4
10°-20°	781.1	6.9
20°-30°	1207.5	10.7
30°-40°	1441.5	12.8
40°-50°	1449.9	12.8
50°-60°	1261.6	11.2
60°-70°	894.5	7.9
70°-80°	473.2	4.2
80°-90°	119.9	1.1
90°-100°	255.1	2.3
100°-110°	670.6	5.9
110°-120°	695.4	6.2
120°-130°	557.8	4.9
130°-140°	437.7	3.9
140°-150°	335.9	3.0
150°-160°	241.9	2.1
160°-170°	148.0	1.3
170°-180°	50.0	0.4
0°-30°	2263.7	20.0
0°-40°	3705.2	32.8
0°-60°	6416.7	56.8
0°-90°	7904.3	70.0
90°-120°	1621.1	14.4
90°-150°	2952.4	26.1
90°-180°	3392.0	30.0
0°-180°	11296.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3048	3048	3048	3048	3048	
5°	3062	3157	3062	2483	3062	290
15°	2924	3128	2924	2612	2924	823
25°	2575	2918	2575	2555	2575	1182
35°	1958	2604	1958	2223	1958	1211
45°	1263	2145	1263	1883	1263	1012
55°	1029	1583	1029	1546	1029	946
65°	715	954	715	1067	715	683
75°	271	453	271	542	271	285
85°	46	115	46	98	46	62
90°	4	13	4	13	4	5
95°	34	154	34	154	34	37
105°	121	1050	121	1050	121	128
115°	215	1352	215	1352	215	212
125°	298	1077	298	1077	298	265
135°	356	836	356	836	356	275
145°	413	678	413	678	413	259
155°	466	584	466	584	466	214
165°	503	544	503	544	503	142
175°	523	527	523	527	523	50
180°	523	523	523	523	523	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3073.7	3073.7	3091.0	3096.8	3096.8	3088.2	3079.5	3088.2	3114.1	3122.8	3119.9
5°	3062.2	3085.3	3117.0	3122.8	3128.5	3125.6	3119.9	3125.6	3154.4	3160.2	3163.1
7.5°	3039.1	3082.4	3122.8	3131.4	3140.0	3131.4	3128.5	3134.3	3163.1	3168.8	3168.8
10°	3010.3	3070.9	3117.0	3122.8	3131.4	3122.8	3122.8	3134.3	3163.1	3168.8	3171.7
12.5°	2969.9	3053.5	3096.8	3102.6	3114.1	3111.2	3108.4	3119.9	3148.7	3154.4	3154.4
15°	2923.8	3021.8	3062.2	3068.0	3088.2	3082.4	3082.4	3093.9	3125.6	3134.3	3131.4
17.5°	2860.3	2981.4	3027.6	3036.2	3050.7	3047.8	3050.7	3062.2	3091.0	3096.8	3099.7
20°	2788.3	2926.6	2981.4	2990.1	3004.5	3004.5	3004.5	3018.9	3047.8	3059.3	3059.3
22.5°	2690.2	2869.0	2926.6	2932.4	2949.7	2949.7	2955.5	2975.7	3001.6	3004.5	3004.5
25°	2574.9	2805.6	2854.5	2871.8	2889.1	2897.8	2906.5	2918.0	2926.6	2923.8	2926.6
27.5°	2453.8	2724.8	2788.3	2799.8	2822.8	2831.5	2843.0	2845.9	2848.8	2857.4	2851.6
30°	2318.3	2612.4	2707.5	2719.1	2756.6	2762.3	2750.8	2756.6	2771.0	2776.8	2782.5
32.5°	2165.4	2445.2	2623.9	2649.9	2684.5	2667.2	2664.3	2672.9	2696.0	2696.0	2701.8
35°	1957.8	2315.4	2546.0	2569.1	2595.0	2574.9	2586.4	2589.3	2603.7	2612.4	2609.5
37.5°	1730.1	2202.9	2465.3	2482.6	2502.8	2476.8	2494.1	2502.8	2514.3	2508.5	2508.5
40°	1528.2	2027.0	2370.2	2381.7	2399.0	2378.8	2396.1	2401.9	2407.7	2401.9	2399.0
42.5°	1378.3	1833.8	2269.2	2283.6	2272.1	2286.5	2292.3	2303.8	2295.2	2283.6	2283.6
45°	1262.9	1782.0	2159.6	2176.9	2159.6	2182.7	2191.4	2191.4	2165.4	2159.6	2156.8
47.5°	1225.4	1678.1	2050.1	2050.1	2041.5	2070.3	2084.7	2064.5	2038.6	2029.9	2029.9
50°	1222.5	1562.8	1900.1	1888.6	1929.0	1963.6	1949.2	1929.0	1908.8	1877.1	1877.1
52.5°	1110.1	1421.5	1707.0	1750.3	1813.7	1833.8	1810.8	1790.6	1756.0	1741.6	1730.1
55°	1029.4	1274.5	1531.1	1617.6	1683.9	1709.9	1666.6	1646.4	1594.5	1585.9	1580.1
57.5°	1012.1	1061.1	1369.6	1479.2	1559.9	1557.0	1531.1	1493.6	1450.4	1441.7	1438.9
60°	928.4	767.0	1196.6	1326.4	1410.0	1401.4	1378.3	1343.7	1303.3	1297.5	1291.8
62.5°	841.9	556.5	1000.5	1147.6	1265.8	1262.9	1242.7	1190.8	1162.0	1147.6	1136.1
65°	715.1	467.2	712.2	954.4	1124.6	1130.3	1087.1	1049.6	1017.8	1000.5	997.7
67.5°	544.9	380.6	481.6	795.9	989.0	983.2	928.4	911.1	870.8	862.1	844.8
70°	403.7	253.7	334.5	645.9	856.3	841.9	798.7	778.6	741.1	720.9	709.3
72.5°	334.5	204.7	245.1	501.7	720.9	703.6	666.1	643.0	611.3	594.0	582.4
75°	271.0	216.2	187.4	372.0	585.3	573.8	539.2	516.1	490.2	467.2	470.0
77.5°	198.9	201.8	150.0	273.9	464.3	447.0	426.8	397.9	386.4	363.3	363.3
80°	150.0	158.6	112.5	187.4	334.5	334.5	317.2	297.0	276.8	265.3	265.3
82.5°	100.9	100.9	83.6	118.3	227.8	219.1	207.6	201.8	190.3	184.5	184.5
85°	46.1	57.7	51.9	72.1	124.0	129.8	129.8	124.0	121.1	115.4	118.3
87.5°	14.4	26.0	31.7	40.4	63.5	66.3	69.2	69.2	69.2	72.1	72.1
90°	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8	13.4	13.4
92.5°	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6	66.7	64.1
95°	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5	226.5	218.5
97.5°	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8	523.0	507.6
100°	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1	734.3	716.1
102.5°	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8	914.9	899.3
105°	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6	1125.7	1117.2
107.5°	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6	1235.2	1237.3
110°	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6	1263.3	1272.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0	1245.4	1258.8
115°	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7	1184.6	1203.2
117.5°	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0	1100.7	1121.3
120°	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7	1044.1	1064.1
122.5°	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4	987.6	1007.4
125°	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6	912.8	931.1
127.5°	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1	852.8	868.1
130°	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9	814.8	829.0
132.5°	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5	782.5	795.2
135°	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7	736.8	747.8
137.5°	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0	703.2	712.1
140°	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1	676.1	684.4
142.5°	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5	657.1	664.4
145°	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4	628.7	634.1
147.5°	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4	604.7	609.3
150°	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3	591.1	594.8
152.5°	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0	580.2	583.0
155°	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3	567.2	569.1
157.5°	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8	555.9	557.2
160°	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1	550.3	551.1
162.5°	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7	545.1	545.8
165°	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2	537.0	537.8
167.5°	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1	533.5	533.9
170°	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1	533.5	533.5
172.5°	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2	530.7	530.5
175°	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6	526.8	526.8
177.5°	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3	526.1	525.8
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3125.6	3117.0	3125.6	3119.9	3122.8	3114.1	3088.2	3079.5	3088.2	3096.8	3096.8
5°	3163.1	3157.3	3163.1	3163.1	3160.2	3154.4	3125.6	3119.9	3125.6	3128.5	3122.8
7.5°	3174.6	3165.9	3174.6	3168.8	3168.8	3163.1	3134.3	3128.5	3131.4	3140.0	3131.4
10°	3174.6	3165.9	3174.6	3171.7	3168.8	3163.1	3134.3	3122.8	3122.8	3131.4	3122.8
12.5°	3160.2	3154.4	3160.2	3154.4	3154.4	3148.7	3119.9	3108.4	3111.2	3114.1	3102.6
15°	3137.1	3128.5	3137.1	3131.4	3134.3	3125.6	3093.9	3082.4	3082.4	3088.2	3068.0
17.5°	3102.6	3091.0	3102.6	3099.7	3096.8	3091.0	3062.2	3050.7	3047.8	3050.7	3036.2
20°	3062.2	3053.5	3062.2	3059.3	3059.3	3047.8	3018.9	3004.5	3004.5	3004.5	2990.1
22.5°	2998.7	2990.1	2998.7	3004.5	3004.5	3001.6	2975.7	2955.5	2949.7	2949.7	2932.4
25°	2926.6	2918.0	2926.6	2926.6	2923.8	2926.6	2918.0	2906.5	2897.8	2889.1	2871.8
27.5°	2857.4	2851.6	2857.4	2851.6	2857.4	2848.8	2845.9	2843.0	2831.5	2822.8	2799.8
30°	2788.3	2782.5	2788.3	2782.5	2776.8	2771.0	2756.6	2750.8	2762.3	2756.6	2719.1
32.5°	2701.8	2696.0	2701.8	2701.8	2696.0	2696.0	2672.9	2664.3	2667.2	2684.5	2649.9
35°	2612.4	2603.7	2612.4	2609.5	2612.4	2603.7	2589.3	2586.4	2574.9	2595.0	2569.1
37.5°	2508.5	2499.9	2508.5	2508.5	2508.5	2514.3	2502.8	2494.1	2476.8	2502.8	2482.6
40°	2401.9	2390.4	2401.9	2399.0	2401.9	2407.7	2401.9	2396.1	2378.8	2399.0	2381.7
42.5°	2280.8	2277.9	2280.8	2283.6	2283.6	2295.2	2303.8	2292.3	2286.5	2272.1	2283.6
45°	2151.0	2145.3	2151.0	2156.8	2159.6	2165.4	2191.4	2191.4	2182.7	2159.6	2176.9
47.5°	2012.6	1998.2	2012.6	2029.9	2029.9	2038.6	2064.5	2084.7	2070.3	2041.5	2050.1
50°	1865.5	1868.4	1865.5	1877.1	1877.1	1908.8	1929.0	1949.2	1963.6	1929.0	1888.6
52.5°	1721.4	1718.5	1721.4	1730.1	1741.6	1756.0	1790.6	1810.8	1833.8	1813.7	1750.3
55°	1577.2	1583.0	1577.2	1580.1	1585.9	1594.5	1646.4	1666.6	1709.9	1683.9	1617.6
57.5°	1433.1	1424.4	1433.1	1438.9	1441.7	1450.4	1493.6	1531.1	1557.0	1559.9	1479.2
60°	1265.8	1254.3	1265.8	1291.8	1297.5	1303.3	1343.7	1378.3	1401.4	1410.0	1326.4
62.5°	1118.8	1098.6	1118.8	1136.1	1147.6	1162.0	1190.8	1242.7	1262.9	1265.8	1147.6
65°	963.0	954.4	963.0	997.7	1000.5	1017.8	1049.6	1087.1	1130.3	1124.6	954.4
67.5°	821.8	821.8	821.8	844.8	862.1	870.8	911.1	928.4	983.2	989.0	795.9
70°	692.0	689.1	692.0	709.3	720.9	741.1	778.6	798.7	841.9	856.3	645.9
72.5°	568.0	565.1	568.0	582.4	594.0	611.3	643.0	666.1	703.6	720.9	501.7
75°	458.5	452.7	458.5	470.0	467.2	490.2	516.1	539.2	573.8	585.3	372.0
77.5°	351.8	351.8	351.8	363.3	363.3	386.4	397.9	426.8	447.0	464.3	273.9
80°	262.4	259.5	262.4	265.3	265.3	276.8	297.0	317.2	334.5	334.5	187.4
82.5°	184.5	178.7	184.5	184.5	184.5	190.3	201.8	207.6	219.1	227.8	118.3
85°	115.4	115.4	115.4	118.3	115.4	121.1	124.0	129.8	129.8	124.0	72.1
87.5°	75.0	72.1	75.0	72.1	72.1	69.2	69.2	69.2	66.3	63.5	40.4
90°	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9	15.4	9.8
92.5°	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0	95.3	67.8
95°	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0	234.5	132.1
97.5°	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6	315.8	145.0
100°	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2	345.5	155.9
102.5°	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4	359.0	166.8
105°	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4	369.2	183.0
107.5°	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8	371.0	206.9
110°	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5	368.2	220.2





TEST NUMBER: P934572

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3	368.3	236.3
115°	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9	371.7	260.6
117.5°	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6	378.6	284.1
120°	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4	384.3	297.9
122.5°	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7	392.3	314.0
125°	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5	403.2	334.7
127.5°	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2	414.1	354.7
130°	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0	422.0	368.1
132.5°	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5	428.5	379.0
135°	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0	435.5	391.6
137.5°	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1	446.0	407.8
140°	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6	452.5	418.7
142.5°	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4	457.9	426.7
145°	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4	464.9	439.0
147.5°	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9	475.2	454.5
150°	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6	480.6	462.6
152.5°	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8	484.1	467.8
155°	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4	491.9	479.4
157.5°	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9	499.5	491.0
160°	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1	503.1	496.3
162.5°	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4	506.9	501.9
165°	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1	512.1	509.9
167.5°	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9	516.4	514.5
170°	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1	519.9	519.8
172.5°	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8	522.3	523.3
177.5°	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3	522.4	523.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934572

CATALOG NUMBER: SQ4-FA-050U-125D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3091.0	3073.7	3073.7	3044.9	3033.4	3024.7	3010.3	2967.0	2955.5	2943.9	2961.3
5°	3117.0	3085.3	3062.2	3010.3	2967.0	2949.7	2894.9	2791.2	2722.0	2670.0	2641.2
7.5°	3122.8	3082.4	3039.1	2958.4	2854.5	2808.4	2641.2	2450.9	2399.0	2352.9	2324.0
10°	3117.0	3070.9	3010.3	2889.1	2644.1	2563.3	2396.1	2272.1	2240.4	2231.7	2240.4
12.5°	3096.8	3053.5	2969.9	2768.1	2425.0	2370.2	2272.1	2200.0	2194.2	2208.7	2286.5
15°	3062.2	3021.8	2923.8	2606.6	2303.8	2263.5	2194.2	2168.3	2200.0	2301.0	2534.5
17.5°	3027.6	2981.4	2860.3	2448.1	2211.5	2182.7	2133.7	2185.6	2364.4	2499.9	2577.7
20°	2981.4	2926.6	2788.3	2332.7	2145.3	2119.3	2096.3	2329.8	2465.3	2514.3	2557.6
22.5°	2926.6	2869.0	2690.2	2251.9	2076.1	2055.9	2070.3	2410.6	2465.3	2499.9	2537.4
25°	2854.5	2805.6	2574.9	2188.5	2021.3	1998.2	2053.0	2401.9	2433.6	2442.3	2517.2
27.5°	2788.3	2724.8	2453.8	2130.9	1954.9	1946.3	2067.4	2364.4	2387.5	2396.1	2476.8
30°	2707.5	2612.4	2318.3	2070.3	1885.7	1882.8	2070.3	2318.3	2312.5	2335.6	2416.3
32.5°	2623.9	2445.2	2165.4	1995.3	1819.4	1816.5	2050.1	2249.0	2243.3	2275.0	2335.6
35°	2546.0	2315.4	1957.8	1908.8	1735.8	1738.7	2001.1	2168.3	2171.2	2200.0	2237.5
37.5°	2465.3	2202.9	1730.1	1813.7	1655.1	1655.1	1934.7	2093.4	2087.6	2096.3	2148.1
40°	2370.2	2027.0	1528.2	1689.7	1580.1	1571.4	1854.0	2012.6	1992.4	1989.6	2061.7
42.5°	2269.2	1833.8	1378.3	1525.3	1493.6	1482.1	1756.0	1914.6	1877.1	1885.7	1978.0
45°	2159.6	1782.0	1262.9	1288.9	1404.2	1395.6	1649.3	1802.2	1776.2	1799.3	1894.4
47.5°	2050.1	1678.1	1225.4	1069.8	1309.1	1306.2	1531.1	1692.6	1678.1	1701.2	1802.2
50°	1900.1	1562.8	1222.5	916.9	1202.3	1213.9	1389.8	1585.9	1585.9	1606.0	1712.8
52.5°	1707.0	1421.5	1110.1	830.4	1078.4	1113.0	1265.8	1493.6	1499.3	1519.5	1614.7
55°	1531.1	1274.5	1029.4	764.1	931.3	1006.3	1144.7	1398.5	1410.0	1430.2	1516.6
57.5°	1369.6	1061.1	1012.1	686.3	795.9	867.9	1038.0	1306.2	1311.9	1329.3	1412.9
60°	1196.6	767.0	928.4	602.6	677.6	732.4	940.0	1196.6	1216.8	1228.3	1300.4
62.5°	1000.5	556.5	841.9	544.9	619.9	631.5	859.2	1092.8	1118.8	1127.5	1170.6
65°	712.2	467.2	715.1	495.9	559.3	562.2	772.8	986.1	1009.2	1023.6	1055.3
67.5°	481.6	380.6	544.9	449.8	513.2	516.1	689.1	862.1	893.8	905.4	925.6
70°	334.5	253.7	403.7	400.8	461.4	467.2	599.7	749.7	778.6	787.2	798.7
72.5°	245.1	204.7	334.5	360.4	406.6	412.4	507.5	622.8	651.6	660.3	666.1
75°	187.4	216.2	271.0	314.3	346.0	348.9	415.2	507.5	527.6	533.4	536.3
77.5°	150.0	201.8	198.9	253.7	282.6	276.8	325.8	392.2	409.5	409.5	409.5
80°	112.5	158.6	150.0	181.6	207.6	201.8	233.5	279.7	285.4	291.2	288.3
82.5°	83.6	100.9	100.9	115.4	138.4	132.7	155.7	181.6	181.6	181.6	187.4
85°	51.9	57.7	46.1	60.6	77.9	75.0	86.5	98.1	100.9	100.9	95.2
87.5°	31.7	26.0	14.4	23.1	34.6	34.6	40.4	43.3	40.4	40.4	40.4
90°	9.1	6.3	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8
92.5°	61.9	37.9	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6
95°	121.2	77.4	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5
97.5°	135.4	96.8	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8
100°	147.1	112.2	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1
102.5°	158.6	126.1	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8
105°	176.1	148.4	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6
107.5°	200.4	174.7	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6
110°	214.4	191.1	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6



TEST NUMBER: P934572

CATALOG NUMBER: SQ4-FA-050U-125D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	230.8	208.7	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0
115°	255.5	235.1	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7
117.5°	279.5	260.9	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0
120°	293.5	276.0	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7
122.5°	309.5	291.9	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4
125°	330.7	314.6	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6
127.5°	350.6	334.4	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1
130°	363.7	346.2	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9
132.5°	374.6	357.1	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5
135°	387.6	371.7	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7
137.5°	403.8	388.1	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0
140°	415.0	400.5	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1
142.5°	423.4	409.9	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5
145°	436.1	424.4	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4
147.5°	451.6	440.2	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4
150°	460.0	449.7	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3
152.5°	465.9	458.1	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0
155°	478.0	472.2	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3
157.5°	489.6	483.9	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8
160°	495.2	490.8	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1
162.5°	501.1	497.8	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7
165°	509.2	506.3	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2
167.5°	514.2	512.7	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1
170°	519.5	518.0	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1
172.5°	520.1	519.8	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2
175°	523.3	523.3	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6
177.5°	523.3	523.3	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934572  
 CATALOG NUMBER: SQ4-FA-050U-125D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	2941.1	2932.4	2943.9	2912.2	2943.9	2932.4	2941.1	2961.3	2943.9	2955.5	2967.0
5°	2580.6	2566.2	2520.1	2482.6	2520.1	2566.2	2580.6	2641.2	2670.0	2722.0	2791.2
7.5°	2306.7	2295.2	2283.6	2260.6	2283.6	2295.2	2306.7	2324.0	2352.9	2399.0	2450.9
10°	2246.2	2249.0	2266.3	2263.5	2266.3	2249.0	2246.2	2240.4	2231.7	2240.4	2272.1
12.5°	2401.9	2427.9	2522.9	2517.2	2522.9	2427.9	2401.9	2286.5	2208.7	2194.2	2200.0
15°	2580.6	2589.3	2609.5	2612.4	2609.5	2589.3	2580.6	2534.5	2301.0	2200.0	2168.3
17.5°	2597.9	2600.8	2615.2	2615.2	2615.2	2600.8	2597.9	2577.7	2499.9	2364.4	2185.6
20°	2583.5	2589.3	2618.1	2623.9	2618.1	2589.3	2583.5	2557.6	2514.3	2465.3	2329.8
22.5°	2577.7	2589.3	2612.4	2609.5	2612.4	2589.3	2577.7	2537.4	2499.9	2465.3	2410.6
25°	2548.9	2548.9	2551.8	2554.7	2551.8	2548.9	2548.9	2517.2	2442.3	2433.6	2401.9
27.5°	2488.4	2494.1	2511.4	2508.5	2511.4	2494.1	2488.4	2476.8	2396.1	2387.5	2364.4
30°	2433.6	2427.9	2413.4	2401.9	2413.4	2427.9	2433.6	2416.3	2335.6	2312.5	2318.3
32.5°	2341.3	2326.9	2312.5	2303.8	2312.5	2326.9	2341.3	2335.6	2275.0	2243.3	2249.0
35°	2231.7	2234.6	2231.7	2223.1	2231.7	2234.6	2231.7	2237.5	2200.0	2171.2	2168.3
37.5°	2153.9	2159.6	2156.8	2145.3	2156.8	2159.6	2153.9	2148.1	2096.3	2087.6	2093.4
40°	2073.2	2076.1	2073.2	2064.5	2073.2	2076.1	2073.2	2061.7	1989.6	1992.4	2012.6
42.5°	1995.3	1992.4	1983.8	1978.0	1983.8	1992.4	1995.3	1978.0	1885.7	1877.1	1914.6
45°	1905.9	1908.8	1891.5	1882.8	1891.5	1908.8	1905.9	1894.4	1799.3	1776.2	1802.2
47.5°	1816.5	1816.5	1802.2	1793.5	1802.2	1816.5	1816.5	1802.2	1701.2	1678.1	1692.6
50°	1721.4	1718.5	1698.3	1695.5	1698.3	1718.5	1721.4	1712.8	1606.0	1585.9	1585.9
52.5°	1611.8	1611.8	1614.7	1620.5	1614.7	1611.8	1611.8	1614.7	1519.5	1499.3	1493.6
55°	1516.6	1519.5	1539.7	1545.5	1539.7	1519.5	1516.6	1516.6	1430.2	1410.0	1398.5
57.5°	1418.7	1418.7	1433.1	1433.1	1433.1	1418.7	1418.7	1412.9	1329.3	1311.9	1306.2
60°	1306.2	1311.9	1323.5	1320.6	1323.5	1311.9	1306.2	1300.4	1228.3	1216.8	1196.6
62.5°	1187.9	1193.7	1196.6	1190.8	1196.6	1193.7	1187.9	1170.6	1127.5	1118.8	1092.8
65°	1064.0	1069.8	1072.7	1066.9	1072.7	1069.8	1064.0	1055.3	1023.6	1009.2	986.1
67.5°	937.1	934.2	931.3	942.9	931.3	934.2	937.1	925.6	905.4	893.8	862.1
70°	807.4	807.4	804.5	810.3	804.5	807.4	807.4	798.7	787.2	778.6	749.7
72.5°	669.0	666.1	677.6	669.0	677.6	666.1	669.0	666.1	660.3	651.6	622.8
75°	533.4	539.2	533.4	542.0	533.4	539.2	533.4	536.3	533.4	527.6	507.5
77.5°	406.6	412.4	406.6	406.6	406.6	412.4	406.6	409.5	409.5	409.5	392.2
80°	288.3	285.4	285.4	282.6	285.4	285.4	288.3	288.3	291.2	285.4	279.7
82.5°	184.5	181.6	181.6	187.4	181.6	181.6	184.5	187.4	181.6	181.6	181.6
85°	100.9	103.8	98.1	98.1	98.1	103.8	100.9	95.2	100.9	100.9	98.1
87.5°	37.5	34.6	34.6	34.6	34.6	34.6	37.5	40.4	40.4	40.4	43.3
90°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9
92.5°	66.7	64.1	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0
95°	226.5	218.5	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0
97.5°	523.0	507.6	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6
100°	734.3	716.1	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2
102.5°	914.9	899.3	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4
105°	1125.7	1117.2	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4
107.5°	1235.2	1237.3	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8
110°	1263.3	1272.0	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1245.4	1258.8	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3
115°	1184.6	1203.2	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9
117.5°	1100.7	1121.3	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6
120°	1044.1	1064.1	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4
122.5°	987.6	1007.4	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7
125°	912.8	931.1	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5
127.5°	852.8	868.1	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2
130°	814.8	829.0	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0
132.5°	782.5	795.2	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5
135°	736.8	747.8	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0
137.5°	703.2	712.1	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1
140°	676.1	684.4	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6
142.5°	657.1	664.4	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4
145°	628.7	634.1	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4
147.5°	604.7	609.3	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9
150°	591.1	594.8	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6
152.5°	580.2	583.0	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8
155°	567.2	569.1	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4
157.5°	555.9	557.2	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9
160°	550.3	551.1	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1
162.5°	545.1	545.8	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4
165°	537.0	537.8	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1
167.5°	533.5	533.9	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9
170°	533.5	533.5	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1
172.5°	530.7	530.5	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8
177.5°	526.1	525.8	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3010.3	3024.7	3033.4	3044.9	3073.7
5°	2894.9	2949.7	2967.0	3010.3	3062.2
7.5°	2641.2	2808.4	2854.5	2958.4	3039.1
10°	2396.1	2563.3	2644.1	2889.1	3010.3
12.5°	2272.1	2370.2	2425.0	2768.1	2969.9
15°	2194.2	2263.5	2303.8	2606.6	2923.8
17.5°	2133.7	2182.7	2211.5	2448.1	2860.3
20°	2096.3	2119.3	2145.3	2332.7	2788.3
22.5°	2070.3	2055.9	2076.1	2251.9	2690.2
25°	2053.0	1998.2	2021.3	2188.5	2574.9
27.5°	2067.4	1946.3	1954.9	2130.9	2453.8
30°	2070.3	1882.8	1885.7	2070.3	2318.3
32.5°	2050.1	1816.5	1819.4	1995.3	2165.4
35°	2001.1	1738.7	1735.8	1908.8	1957.8
37.5°	1934.7	1655.1	1655.1	1813.7	1730.1
40°	1854.0	1571.4	1580.1	1689.7	1528.2
42.5°	1756.0	1482.1	1493.6	1525.3	1378.3
45°	1649.3	1395.6	1404.2	1288.9	1262.9
47.5°	1531.1	1306.2	1309.1	1069.8	1225.4
50°	1389.8	1213.9	1202.3	916.9	1222.5
52.5°	1265.8	1113.0	1078.4	830.4	1110.1
55°	1144.7	1006.3	931.3	764.1	1029.4
57.5°	1038.0	867.9	795.9	686.3	1012.1
60°	940.0	732.4	677.6	602.6	928.4
62.5°	859.2	631.5	619.9	544.9	841.9
65°	772.8	562.2	559.3	495.9	715.1
67.5°	689.1	516.1	513.2	449.8	544.9
70°	599.7	467.2	461.4	400.8	403.7
72.5°	507.5	412.4	406.6	360.4	334.5
75°	415.2	348.9	346.0	314.3	271.0
77.5°	325.8	276.8	282.6	253.7	198.9
80°	233.5	201.8	207.6	181.6	150.0
82.5°	155.7	132.7	138.4	115.4	100.9
85°	86.5	75.0	77.9	60.6	46.1
87.5°	40.4	34.6	34.6	23.1	14.4
90°	15.4	9.8	9.1	6.3	3.5
92.5°	95.3	67.8	61.9	37.9	14.1
95°	234.5	132.1	121.2	77.4	33.7
97.5°	315.8	145.0	135.4	96.8	58.3
100°	345.5	155.9	147.1	112.2	77.3
102.5°	359.0	166.8	158.6	126.1	93.5
105°	369.2	183.0	176.1	148.4	120.8
107.5°	371.0	206.9	200.4	174.7	148.9
110°	368.2	220.2	214.4	191.1	167.8



TEST NUMBER: P934572

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	368.3	236.3	230.8	208.7	186.5
115°	371.7	260.6	255.5	235.1	214.6
117.5°	378.6	284.1	279.5	260.9	242.3
120°	384.3	297.9	293.5	276.0	258.5
122.5°	392.3	314.0	309.5	291.9	274.3
125°	403.2	334.7	330.7	314.6	298.5
127.5°	414.1	354.7	350.6	334.4	318.2
130°	422.0	368.1	363.7	346.2	328.7
132.5°	428.5	379.0	374.6	357.1	339.6
135°	435.5	391.6	387.6	371.7	355.8
137.5°	446.0	407.8	403.8	388.1	372.3
140°	452.5	418.7	415.0	400.5	386.0
142.5°	457.9	426.7	423.4	409.9	396.5
145°	464.9	439.0	436.1	424.4	412.7
147.5°	475.2	454.5	451.6	440.2	428.8
150°	480.6	462.6	460.0	449.7	439.4
152.5°	484.1	467.8	465.9	458.1	450.3
155°	491.9	479.4	478.0	472.2	466.4
157.5°	499.5	491.0	489.6	483.9	478.3
160°	503.1	496.3	495.2	490.8	486.4
162.5°	506.9	501.9	501.1	497.8	494.5
165°	512.1	509.9	509.2	506.3	503.3
167.5°	516.4	514.5	514.2	512.7	511.4
170°	519.9	519.8	519.5	518.0	516.7
172.5°	520.1	520.1	520.1	519.8	519.5
175°	522.3	523.3	523.3	523.3	523.3
177.5°	522.4	523.3	523.3	523.3	523.3
180°	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934572  
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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	15.68	16.75	16.44	17.54	18.49	18.52	19.59	19.28	20.38	21.33
	3H	16.17	17.14	16.95	17.93	18.92	19.88	20.84	20.66	21.64	22.63
	4H	16.37	17.28	17.17	18.09	19.08	20.34	21.25	21.13	22.05	23.05
	6H	16.50	17.34	17.31	18.16	19.16	20.63	21.47	21.44	22.29	23.30
	8H	16.51	17.31	17.33	18.14	19.15	20.72	21.52	21.53	22.35	23.36
	12H	16.49	17.25	17.31	18.08	19.11	20.76	21.52	21.59	22.35	23.39
4H	2H	16.74	17.65	17.54	18.45	19.45	18.95	19.86	19.75	20.67	21.66
	3H	17.79	18.54	18.60	19.38	20.40	20.48	21.24	21.29	22.08	23.09
	4H	18.07	18.76	18.90	19.60	20.64	21.02	21.71	21.84	22.55	23.59
	6H	18.21	18.80	19.05	19.67	20.71	21.40	21.99	22.24	22.86	23.90
	8H	18.22	18.78	19.06	19.63	20.69	21.51	22.07	22.36	22.92	23.98
	12H	18.20	18.70	19.06	19.58	20.64	21.58	22.08	22.44	22.96	24.02
8H	4H	18.54	19.10	19.39	19.96	21.01	21.16	21.72	22.00	22.57	23.63
	6H	18.81	19.27	19.69	20.17	21.23	21.61	22.07	22.48	22.97	24.02
	8H	18.86	19.27	19.74	20.16	21.24	21.76	22.17	22.65	23.06	24.14
	12H	18.85	19.21	19.74	20.10	21.23	21.87	22.23	22.76	23.12	24.25
12H	4H	18.56	19.06	19.42	19.94	21.00	21.13	21.63	22.00	22.51	23.58
	6H	18.88	19.29	19.76	20.18	21.25	21.60	22.01	22.49	22.91	23.98
	8H	18.95	19.31	19.84	20.20	21.33	21.78	22.14	22.66	23.02	24.15