

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: P934049

Luminaire Tested: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

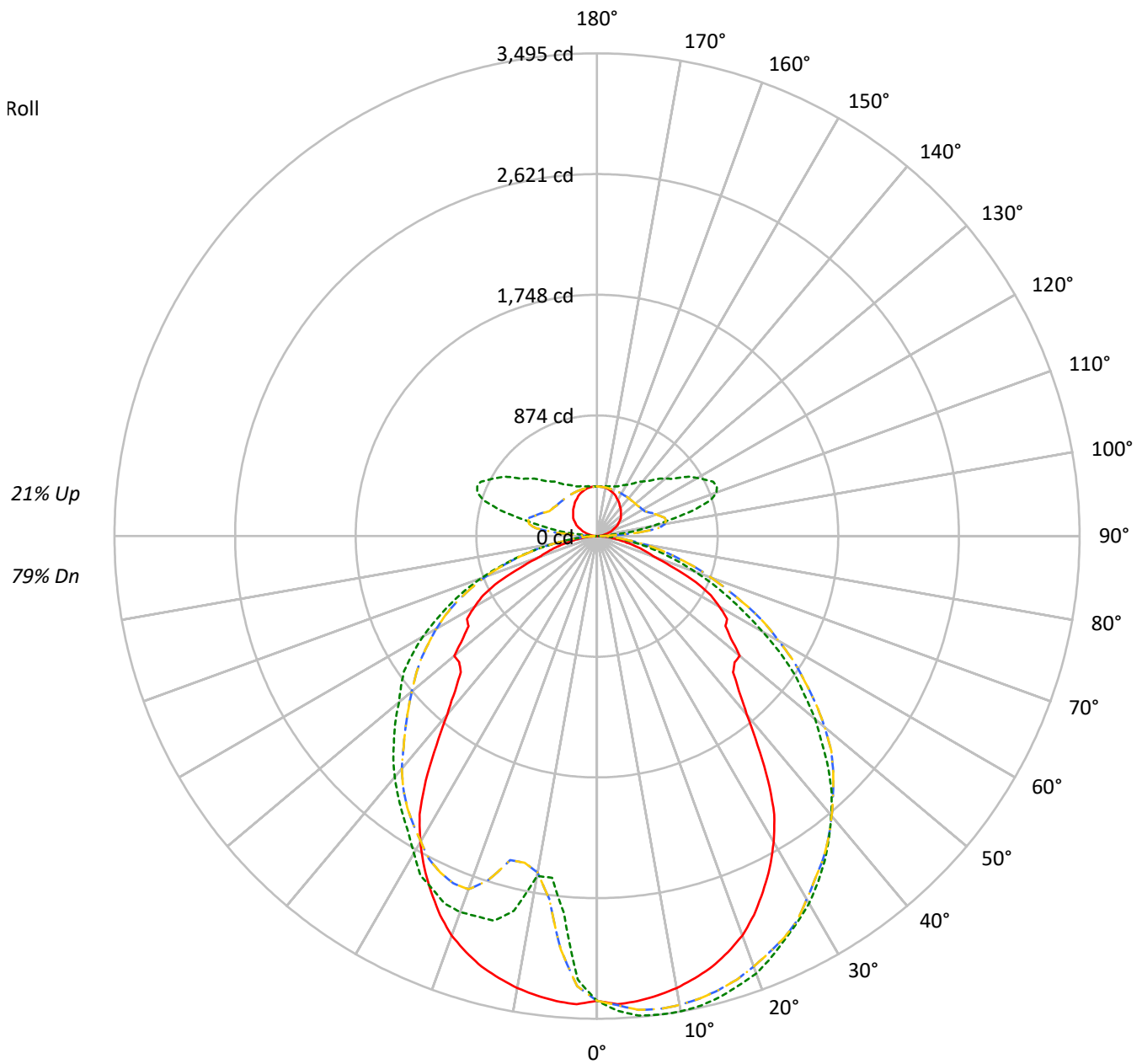
Test Method: LM-79-2019  
Report Number: P934049  
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11054.9 lumens  
Efficiency: N/A  
Efficacy: 95.0 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 116.4  
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	50	30	10	0	
RCR																						
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79				79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67				67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56				56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47				47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41				41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35				35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31				31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27				27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24				24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22				22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20				20

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

	0°	90°	180°	270°
0°	10406	10406	10406	10406
5°	10488	10505	10488	8260
10°	10421	10347	10421	7397
15°	10312	10123	10312	8453
20°	10100	9858	10100	8471
25°	9663	9470	9663	8291
30°	9096	9149	9096	7897
35°	8113	8742	8113	7464
40°	6764	8263	6764	7137
45°	6048	7702	6048	6760
50°	6430	7034	6430	6383
55°	6055	6314	6055	6164
60°	6250	5362	6250	5646
65°	5675	4433	5675	4955
70°	3940	3533	3940	4154
75°	3468	2611	3468	3127
80°	2815	1726	2815	1880
85°	1649	914	1649	777

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 9263 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	303.7	2.7
10°-20°	862.2	7.8
20°-30°	1332.9	12.1
30°-40°	1591.2	14.4
40°-50°	1600.5	14.5
50°-60°	1392.6	12.6
60°-70°	987.4	8.9
70°-80°	522.4	4.7
80°-90°	131.5	1.2
90°-100°	175.3	1.6
100°-110°	460.7	4.2
110°-120°	477.7	4.3
120°-130°	383.2	3.5
130°-140°	300.7	2.7
140°-150°	230.8	2.1
150°-160°	166.2	1.5
160°-170°	101.7	0.9
170°-180°	34.4	0.3
0°-30°	2498.8	22.6
0°-40°	4090.0	37.0
0°-60°	7083.1	64.1
0°-90°	8724.4	78.9
90°-120°	1113.7	10.1
90°-150°	2028.3	18.3
90°-180°	2331.0	21.1
0°-180°	11054.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3364	3364	3364	3364	3364	
5°	3380	3485	3380	2740	3380	321
15°	3227	3453	3227	2884	3227	908
25°	2842	3221	2842	2820	2842	1305
35°	2161	2874	2161	2454	2161	1337
45°	1394	2368	1394	2078	1394	1117
55°	1136	1747	1136	1706	1136	1044
65°	789	1054	789	1178	789	754
75°	299	500	299	598	299	315
85°	51	127	51	108	51	69
90°	2	9	2	9	2	4
95°	23	106	23	106	23	26
105°	83	721	83	721	83	88
115°	147	929	147	929	147	146
125°	205	740	205	740	205	182
135°	244	574	244	574	244	189
145°	284	466	284	466	284	178
155°	320	401	320	401	320	147
165°	346	374	346	374	346	98
175°	360	362	360	362	360	34
180°	360	360	360	360	360	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2
2.5°	3392.9	3392.9	3412.0	3418.4	3418.4	3408.8	3399.3	3408.8	3437.5	3447.0	3443.8
5°	3380.2	3405.7	3440.7	3447.0	3453.4	3450.3	3443.8	3450.3	3482.0	3488.4	3491.6
7.5°	3354.7	3402.5	3447.0	3456.6	3466.1	3456.6	3453.4	3459.8	3491.6	3497.9	3497.9
10°	3322.9	3389.8	3440.7	3447.0	3456.6	3447.0	3447.0	3459.8	3491.6	3497.9	3501.2
12.5°	3278.3	3370.7	3418.4	3424.8	3437.5	3434.3	3431.1	3443.8	3475.7	3482.0	3482.0
15°	3227.4	3335.7	3380.2	3386.6	3408.8	3402.5	3402.5	3415.2	3450.3	3459.8	3456.6
17.5°	3157.4	3291.1	3342.0	3351.6	3367.5	3364.2	3367.5	3380.2	3412.0	3418.4	3421.6
20°	3077.8	3230.6	3291.1	3300.7	3316.6	3316.6	3316.6	3332.4	3364.2	3377.0	3377.0
22.5°	2969.6	3167.0	3230.6	3237.0	3256.1	3256.1	3262.4	3284.7	3313.3	3316.6	3316.6
25°	2842.3	3096.9	3151.1	3170.2	3189.2	3198.8	3208.3	3221.1	3230.6	3227.4	3230.6
27.5°	2708.6	3007.8	3077.8	3090.6	3116.0	3125.6	3138.3	3141.5	3144.6	3154.2	3147.8
30°	2559.0	2883.7	2988.7	3001.5	3042.8	3049.2	3036.5	3042.8	3058.7	3065.1	3071.5
32.5°	2390.3	2699.0	2896.4	2925.0	2963.2	2944.1	2941.0	2950.5	2976.0	2976.0	2982.3
35°	2161.2	2555.9	2810.5	2836.0	2864.5	2842.3	2855.0	2858.2	2874.1	2883.7	2880.5
37.5°	1909.7	2431.7	2721.4	2740.5	2762.7	2734.1	2753.2	2762.7	2775.5	2769.1	2769.1
40°	1686.9	2237.6	2616.3	2629.0	2648.1	2625.9	2644.9	2651.3	2657.7	2651.3	2648.1
42.5°	1521.4	2024.3	2504.9	2520.9	2508.1	2524.0	2530.3	2543.1	2533.5	2520.9	2520.9
45°	1394.1	1967.0	2383.9	2403.1	2383.9	2409.4	2419.0	2419.0	2390.3	2383.9	2380.8
47.5°	1352.7	1852.4	2263.0	2263.0	2253.5	2285.3	2301.2	2278.9	2250.2	2240.8	2240.8
50°	1349.5	1725.1	2097.5	2084.7	2129.3	2167.5	2151.6	2129.3	2107.1	2072.1	2072.1
52.5°	1225.4	1569.1	1884.2	1932.0	2002.0	2024.3	1998.8	1976.6	1938.4	1922.5	1909.7
55°	1136.2	1406.9	1690.1	1785.6	1858.8	1887.5	1839.7	1817.4	1760.1	1750.5	1744.2
57.5°	1117.2	1171.3	1511.9	1632.8	1722.0	1718.7	1690.1	1648.7	1600.9	1591.5	1588.3
60°	1024.9	846.6	1320.9	1464.1	1556.5	1546.9	1521.4	1483.2	1438.7	1432.3	1425.9
62.5°	929.4	614.3	1104.4	1266.8	1397.3	1394.1	1371.8	1314.5	1282.7	1266.8	1254.0
65°	789.3	515.6	786.1	1053.5	1241.3	1247.7	1199.9	1158.6	1123.6	1104.4	1101.2
67.5°	601.5	420.1	531.5	878.5	1091.8	1085.3	1024.9	1005.8	961.2	951.6	932.6
70°	445.6	280.1	369.2	713.0	945.3	929.4	881.6	859.4	818.0	795.7	783.0
72.5°	369.2	226.0	270.5	553.8	795.7	776.6	735.2	709.8	674.8	655.6	643.0
75°	299.2	238.7	206.9	410.6	646.1	633.4	595.2	569.7	541.1	515.6	518.8
77.5°	219.6	222.8	165.5	302.4	512.5	493.4	471.0	439.2	426.5	401.0	401.0
80°	165.5	175.1	124.1	206.9	369.2	369.2	350.1	327.9	305.5	292.9	292.9
82.5°	111.4	111.4	92.3	130.5	251.4	241.9	229.2	222.8	210.1	203.7	203.7
85°	50.9	63.7	57.3	79.6	136.8	143.3	143.3	136.8	133.7	127.3	130.5
87.5°	15.9	28.7	35.0	44.6	70.0	73.2	76.4	76.4	76.4	79.6	79.6
90°	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2	9.2	9.2
92.5°	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0	45.9	44.0
95°	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4	155.6	150.1
97.5°	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1	359.3	348.7
100°	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3	504.5	492.0
102.5°	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2	628.5	617.7
105°	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3	773.3	767.5
107.5°	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8	848.6	850.0
110°	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6	867.9	873.9



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2	855.6	864.8
115°	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5	813.8	826.6
117.5°	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1	756.2	770.4
120°	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8	717.3	731.1
122.5°	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0	678.5	692.0
125°	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7	627.1	639.6
127.5°	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6	585.8	596.4
130°	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6	559.8	569.6
132.5°	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2	537.6	546.4
135°	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3	506.2	513.8
137.5°	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6	483.0	489.2
140°	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7	464.5	470.2
142.5°	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0	451.4	456.4
145°	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2	431.9	435.6
147.5°	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3	415.5	418.6
150°	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1	406.1	408.6
152.5°	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1	398.6	400.5
155°	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1	389.7	391.0
157.5°	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9	381.9	382.8
160°	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3	378.1	378.5
162.5°	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9	374.4	374.9
165°	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2	368.9	369.4
167.5°	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4	366.5	366.7
170°	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4	366.5	366.5
172.5°	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2	364.6	364.4
175°	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4	361.9	361.9
177.5°	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2	361.4	361.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2
2.5°	3450.3	3440.7	3450.3	3443.8	3447.0	3437.5	3408.8	3399.3	3408.8	3418.4	3418.4
5°	3491.6	3485.3	3491.6	3491.6	3488.4	3482.0	3450.3	3443.8	3450.3	3453.4	3447.0
7.5°	3504.3	3494.8	3504.3	3497.9	3497.9	3491.6	3459.8	3453.4	3456.6	3466.1	3456.6
10°	3504.3	3494.8	3504.3	3501.2	3497.9	3491.6	3459.8	3447.0	3447.0	3456.6	3447.0
12.5°	3488.4	3482.0	3488.4	3482.0	3482.0	3475.7	3443.8	3431.1	3434.3	3437.5	3424.8
15°	3462.9	3453.4	3462.9	3456.6	3459.8	3450.3	3415.2	3402.5	3402.5	3408.8	3386.6
17.5°	3424.8	3412.0	3424.8	3421.6	3418.4	3412.0	3380.2	3367.5	3364.2	3367.5	3351.6
20°	3380.2	3370.7	3380.2	3377.0	3377.0	3364.2	3332.4	3316.6	3316.6	3316.6	3300.7
22.5°	3310.2	3300.7	3310.2	3316.6	3316.6	3313.3	3284.7	3262.4	3256.1	3256.1	3237.0
25°	3230.6	3221.1	3230.6	3230.6	3227.4	3230.6	3221.1	3208.3	3198.8	3189.2	3170.2
27.5°	3154.2	3147.8	3154.2	3147.8	3154.2	3144.6	3141.5	3138.3	3125.6	3116.0	3090.6
30°	3077.8	3071.5	3077.8	3071.5	3065.1	3058.7	3042.8	3036.5	3049.2	3042.8	3001.5
32.5°	2982.3	2976.0	2982.3	2982.3	2976.0	2976.0	2950.5	2941.0	2944.1	2963.2	2925.0
35°	2883.7	2874.1	2883.7	2880.5	2883.7	2874.1	2858.2	2855.0	2842.3	2864.5	2836.0
37.5°	2769.1	2759.5	2769.1	2769.1	2769.1	2775.5	2762.7	2753.2	2734.1	2762.7	2740.5
40°	2651.3	2638.6	2651.3	2648.1	2651.3	2657.7	2651.3	2644.9	2625.9	2648.1	2629.0
42.5°	2517.6	2514.4	2517.6	2520.9	2520.9	2533.5	2543.1	2530.3	2524.0	2508.1	2520.9
45°	2374.4	2368.0	2374.4	2380.8	2383.9	2390.3	2419.0	2419.0	2409.4	2383.9	2403.1
47.5°	2221.7	2205.8	2221.7	2240.8	2240.8	2250.2	2278.9	2301.2	2285.3	2253.5	2263.0
50°	2059.3	2062.5	2059.3	2072.1	2072.1	2107.1	2129.3	2151.6	2167.5	2129.3	2084.7
52.5°	1900.1	1897.0	1900.1	1909.7	1922.5	1938.4	1976.6	1998.8	2024.3	2002.0	1932.0
55°	1741.0	1747.4	1741.0	1744.2	1750.5	1760.1	1817.4	1839.7	1887.5	1858.8	1785.6
57.5°	1581.9	1572.4	1581.9	1588.3	1591.5	1600.9	1648.7	1690.1	1718.7	1722.0	1632.8
60°	1397.3	1384.5	1397.3	1425.9	1432.3	1438.7	1483.2	1521.4	1546.9	1556.5	1464.1
62.5°	1234.9	1212.7	1234.9	1254.0	1266.8	1282.7	1314.5	1371.8	1394.1	1397.3	1266.8
65°	1063.1	1053.5	1063.1	1101.2	1104.4	1123.6	1158.6	1199.9	1247.7	1241.3	1053.5
67.5°	907.1	907.1	907.1	932.6	951.6	961.2	1005.8	1024.9	1085.3	1091.8	878.5
70°	763.9	760.7	763.9	783.0	795.7	818.0	859.4	881.6	929.4	945.3	713.0
72.5°	627.1	623.9	627.1	643.0	655.6	674.8	709.8	735.2	776.6	795.7	553.8
75°	506.1	499.7	506.1	518.8	515.6	541.1	569.7	595.2	633.4	646.1	410.6
77.5°	388.3	388.3	388.3	401.0	401.0	426.5	439.2	471.0	493.4	512.5	302.4
80°	289.6	286.4	289.6	292.9	292.9	305.5	327.9	350.1	369.2	369.2	206.9
82.5°	203.7	197.3	203.7	203.7	203.7	210.1	222.8	229.2	241.9	251.4	130.5
85°	127.3	127.3	127.3	130.5	127.3	133.7	136.8	143.3	143.3	136.8	79.6
87.5°	82.8	79.6	82.8	79.6	79.6	76.4	76.4	76.4	73.2	70.0	44.6
90°	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7	10.6	6.7
92.5°	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7	65.4	46.6
95°	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0	161.1	90.7
97.5°	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5	217.0	99.7
100°	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0	237.4	107.1
102.5°	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8	246.7	114.6
105°	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1	253.6	125.7
107.5°	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2	254.9	142.1
110°	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5	252.9	151.3





TEST NUMBER: P934049

CATALOG NUMBER: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9	253.0	162.4
115°	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1	255.4	179.1
117.5°	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7	260.1	195.2
120°	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0	263.9	204.6
122.5°	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2	269.5	215.7
125°	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7	277.0	230.0
127.5°	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9	284.5	243.7
130°	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3	290.0	252.9
132.5°	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7	294.4	260.3
135°	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4	299.2	269.0
137.5°	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5	306.4	280.1
140°	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8	310.8	287.6
142.5°	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0	314.5	293.2
145°	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0	319.4	301.6
147.5°	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5	326.4	312.2
150°	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7	330.1	317.7
152.5°	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5	332.5	321.4
155°	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2	337.8	329.3
157.5°	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0	343.2	337.3
160°	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8	345.6	341.0
162.5°	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7	348.2	344.8
165°	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9	351.9	350.3
167.5°	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5	354.8	353.5
170°	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3	357.2	357.1
172.5°	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8	358.8	359.5
177.5°	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2	358.9	359.5
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P934049

CATALOG NUMBER: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2
2.5°	3412.0	3392.9	3392.9	3361.1	3348.3	3338.8	3322.9	3275.2	3262.4	3249.7	3268.8
5°	3440.7	3405.7	3380.2	3322.9	3275.2	3256.1	3195.6	3081.0	3004.6	2947.3	2915.5
7.5°	3447.0	3402.5	3354.7	3265.6	3151.1	3100.1	2915.5	2705.5	2648.1	2597.2	2565.3
10°	3440.7	3389.8	3322.9	3189.2	2918.7	2829.5	2644.9	2508.1	2473.1	2463.5	2473.1
12.5°	3418.4	3370.7	3278.3	3055.6	2676.8	2616.3	2508.1	2428.5	2422.2	2438.1	2524.0
15°	3380.2	3335.7	3227.4	2877.3	2543.1	2498.5	2422.2	2393.5	2428.5	2539.9	2797.7
17.5°	3342.0	3291.1	3157.4	2702.3	2441.3	2409.4	2355.3	2412.6	2609.9	2759.5	2845.5
20°	3291.1	3230.6	3077.8	2574.9	2368.0	2339.4	2313.9	2571.8	2721.4	2775.5	2823.2
22.5°	3230.6	3167.0	2969.6	2485.8	2291.7	2269.4	2285.3	2660.9	2721.4	2759.5	2800.9
25°	3151.1	3096.9	2842.3	2415.8	2231.2	2205.8	2266.2	2651.3	2686.4	2695.9	2778.6
27.5°	3077.8	3007.8	2708.6	2352.1	2158.0	2148.4	2282.1	2609.9	2635.4	2644.9	2734.1
30°	2988.7	2883.7	2559.0	2285.3	2081.6	2078.4	2285.3	2559.0	2552.7	2578.1	2667.2
32.5°	2896.4	2699.0	2390.3	2202.5	2008.4	2005.2	2263.0	2482.6	2476.3	2511.3	2578.1
35°	2810.5	2555.9	2161.2	2107.1	1916.1	1919.3	2208.9	2393.5	2396.7	2428.5	2469.9
37.5°	2721.4	2431.7	1909.7	2002.0	1827.0	1827.0	2135.7	2310.8	2304.4	2313.9	2371.3
40°	2616.3	2237.6	1686.9	1865.1	1744.2	1734.6	2046.6	2221.7	2199.3	2196.2	2275.8
42.5°	2504.9	2024.3	1521.4	1683.7	1648.7	1636.0	1938.4	2113.4	2072.1	2081.6	2183.4
45°	2383.9	1967.0	1394.1	1422.8	1550.0	1540.5	1820.6	1989.3	1960.6	1986.1	2091.2
47.5°	2263.0	1852.4	1352.7	1180.8	1445.0	1441.9	1690.1	1868.3	1852.4	1877.9	1989.3
50°	2097.5	1725.1	1349.5	1012.2	1327.3	1340.0	1534.1	1750.5	1750.5	1772.9	1890.6
52.5°	1884.2	1569.1	1225.4	916.6	1190.4	1228.6	1397.3	1648.7	1655.1	1677.4	1782.4
55°	1690.1	1406.9	1136.2	843.5	1028.1	1110.8	1263.6	1543.7	1556.5	1578.7	1674.2
57.5°	1511.9	1171.3	1117.2	757.6	878.5	958.1	1145.8	1441.9	1448.2	1467.3	1559.6
60°	1320.9	846.6	1024.9	665.2	748.0	808.5	1037.6	1320.9	1343.2	1355.9	1435.4
62.5°	1104.4	614.3	929.4	601.5	684.3	697.1	948.5	1206.3	1234.9	1244.5	1292.3
65°	786.1	515.6	789.3	547.5	617.5	620.6	853.0	1088.5	1114.0	1129.9	1164.9
67.5°	531.5	420.1	601.5	496.5	566.5	569.7	760.7	951.6	986.6	999.4	1021.7
70°	369.2	280.1	445.6	442.5	509.3	515.6	662.1	827.6	859.4	868.9	881.6
72.5°	270.5	226.0	369.2	397.9	448.8	455.1	560.2	687.5	719.3	728.9	735.2
75°	206.9	238.7	299.2	346.9	381.9	385.1	458.4	560.2	582.5	588.8	592.0
77.5°	165.5	222.8	219.6	280.1	311.9	305.5	359.7	432.9	451.9	451.9	451.9
80°	124.1	175.1	165.5	200.5	229.2	222.8	257.8	308.8	315.1	321.4	318.3
82.5°	92.3	111.4	111.4	127.3	152.8	146.4	171.8	200.5	200.5	200.5	206.9
85°	57.3	63.7	50.9	66.8	85.9	82.8	95.5	108.2	111.4	111.4	105.0
87.5°	35.0	28.7	15.9	25.5	38.2	38.2	44.6	47.8	44.6	44.6	44.6
90°	6.3	4.3	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2
92.5°	42.5	26.0	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0
95°	83.2	53.2	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4
97.5°	93.1	66.6	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1
100°	101.1	77.1	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3
102.5°	109.0	86.6	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2
105°	120.9	102.0	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3
107.5°	137.7	120.0	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8
110°	147.3	131.3	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6



TEST NUMBER: P934049

CATALOG NUMBER: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	158.6	143.3	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2
115°	175.5	161.5	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5
117.5°	192.0	179.2	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1
120°	201.6	189.6	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8
122.5°	212.6	200.6	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0
125°	227.2	216.2	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7
127.5°	240.9	229.7	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6
130°	249.9	237.8	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6
132.5°	257.4	245.3	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2
135°	266.3	255.4	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3
137.5°	277.4	266.6	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6
140°	285.1	275.1	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7
142.5°	290.8	281.6	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0
145°	299.6	291.6	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2
147.5°	310.3	302.4	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3
150°	316.0	308.9	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1
152.5°	320.0	314.7	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1
155°	328.3	324.3	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1
157.5°	336.4	332.4	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9
160°	340.2	337.2	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3
162.5°	344.2	342.0	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9
165°	349.9	347.8	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2
167.5°	353.2	352.3	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4
170°	356.9	355.9	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4
172.5°	357.3	357.1	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2
175°	359.5	359.5	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4
177.5°	359.5	359.5	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P934049

CATALOG NUMBER: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2	3364.2
2.5°	3246.5	3237.0	3249.7	3214.6	3249.7	3237.0	3246.5	3268.8	3249.7	3262.4	3275.2
5°	2848.6	2832.7	2781.8	2740.5	2781.8	2832.7	2848.6	2915.5	2947.3	3004.6	3081.0
7.5°	2546.3	2533.5	2520.9	2495.3	2520.9	2533.5	2546.3	2565.3	2597.2	2648.1	2705.5
10°	2479.4	2482.6	2501.7	2498.5	2501.7	2482.6	2479.4	2473.1	2463.5	2473.1	2508.1
12.5°	2651.3	2679.9	2785.0	2778.6	2785.0	2679.9	2651.3	2524.0	2438.1	2422.2	2428.5
15°	2848.6	2858.2	2880.5	2883.7	2880.5	2858.2	2848.6	2797.7	2539.9	2428.5	2393.5
17.5°	2867.8	2871.0	2886.9	2886.9	2886.9	2871.0	2867.8	2845.5	2759.5	2609.9	2412.6
20°	2851.9	2858.2	2890.0	2896.4	2890.0	2858.2	2851.9	2823.2	2775.5	2721.4	2571.8
22.5°	2845.5	2858.2	2883.7	2880.5	2883.7	2858.2	2845.5	2800.9	2759.5	2721.4	2660.9
25°	2813.6	2813.6	2816.8	2820.0	2816.8	2813.6	2813.6	2778.6	2695.9	2686.4	2651.3
27.5°	2746.8	2753.2	2772.3	2769.1	2772.3	2753.2	2746.8	2734.1	2644.9	2635.4	2609.9
30°	2686.4	2679.9	2664.0	2651.3	2664.0	2679.9	2686.4	2667.2	2578.1	2552.7	2559.0
32.5°	2584.5	2568.6	2552.7	2543.1	2552.7	2568.6	2584.5	2578.1	2511.3	2476.3	2482.6
35°	2463.5	2466.7	2463.5	2454.0	2463.5	2466.7	2463.5	2469.9	2428.5	2396.7	2393.5
37.5°	2377.6	2383.9	2380.8	2368.0	2380.8	2383.9	2377.6	2371.3	2313.9	2304.4	2310.8
40°	2288.5	2291.7	2288.5	2278.9	2288.5	2291.7	2288.5	2275.8	2196.2	2199.3	2221.7
42.5°	2202.5	2199.3	2189.8	2183.4	2189.8	2199.3	2202.5	2183.4	2081.6	2072.1	2113.4
45°	2103.9	2107.1	2088.0	2078.4	2088.0	2107.1	2103.9	2091.2	1986.1	1960.6	1989.3
47.5°	2005.2	2005.2	1989.3	1979.7	1989.3	2005.2	2005.2	1989.3	1877.9	1852.4	1868.3
50°	1900.1	1897.0	1874.7	1871.6	1874.7	1897.0	1900.1	1890.6	1772.9	1750.5	1750.5
52.5°	1779.2	1779.2	1782.4	1788.8	1782.4	1779.2	1779.2	1782.4	1677.4	1655.1	1648.7
55°	1674.2	1677.4	1699.6	1706.0	1699.6	1677.4	1674.2	1674.2	1578.7	1556.5	1543.7
57.5°	1565.9	1565.9	1581.9	1581.9	1581.9	1565.9	1565.9	1559.6	1467.3	1448.2	1441.9
60°	1441.9	1448.2	1460.9	1457.8	1460.9	1448.2	1441.9	1435.4	1355.9	1343.2	1320.9
62.5°	1311.3	1317.7	1320.9	1314.5	1320.9	1317.7	1311.3	1292.3	1244.5	1234.9	1206.3
65°	1174.5	1180.8	1184.0	1177.7	1184.0	1180.8	1174.5	1164.9	1129.9	1114.0	1088.5
67.5°	1034.4	1031.2	1028.1	1040.8	1028.1	1031.2	1034.4	1021.7	999.4	986.6	951.6
70°	891.2	891.2	888.0	894.4	888.0	891.2	891.2	881.6	868.9	859.4	827.6
72.5°	738.4	735.2	748.0	738.4	748.0	735.2	738.4	735.2	728.9	719.3	687.5
75°	588.8	595.2	588.8	598.4	588.8	595.2	588.8	592.0	588.8	582.5	560.2
77.5°	448.8	455.1	448.8	448.8	448.8	455.1	448.8	451.9	451.9	451.9	432.9
80°	318.3	315.1	315.1	311.9	315.1	315.1	318.3	318.3	321.4	315.1	308.8
82.5°	203.7	200.5	200.5	206.9	200.5	200.5	203.7	206.9	200.5	200.5	200.5
85°	111.4	114.6	108.2	108.2	108.2	114.6	111.4	105.0	111.4	111.4	108.2
87.5°	41.4	38.2	38.2	38.2	38.2	38.2	41.4	44.6	44.6	44.6	47.8
90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7
92.5°	45.9	44.0	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7
95°	155.6	150.1	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0
97.5°	359.3	348.7	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5
100°	504.5	492.0	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0
102.5°	628.5	617.7	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8
105°	773.3	767.5	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1
107.5°	848.6	850.0	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2
110°	867.9	873.9	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	855.6	864.8	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9
115°	813.8	826.6	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1
117.5°	756.2	770.4	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7
120°	717.3	731.1	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0
122.5°	678.5	692.0	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2
125°	627.1	639.6	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7
127.5°	585.8	596.4	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9
130°	559.8	569.6	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3
132.5°	537.6	546.4	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7
135°	506.2	513.8	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4
137.5°	483.0	489.2	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5
140°	464.5	470.2	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8
142.5°	451.4	456.4	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0
145°	431.9	435.6	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0
147.5°	415.5	418.6	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5
150°	406.1	408.6	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7
152.5°	398.6	400.5	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5
155°	389.7	391.0	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2
157.5°	381.9	382.8	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0
160°	378.1	378.5	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8
162.5°	374.4	374.9	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7
165°	368.9	369.4	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9
167.5°	366.5	366.7	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5
170°	366.5	366.5	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3
172.5°	364.6	364.4	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8
177.5°	361.4	361.2	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3364.2	3364.2	3364.2	3364.2	3364.2
2.5°	3322.9	3338.8	3348.3	3361.1	3392.9
5°	3195.6	3256.1	3275.2	3322.9	3380.2
7.5°	2915.5	3100.1	3151.1	3265.6	3354.7
10°	2644.9	2829.5	2918.7	3189.2	3322.9
12.5°	2508.1	2616.3	2676.8	3055.6	3278.3
15°	2422.2	2498.5	2543.1	2877.3	3227.4
17.5°	2355.3	2409.4	2441.3	2702.3	3157.4
20°	2313.9	2339.4	2368.0	2574.9	3077.8
22.5°	2285.3	2269.4	2291.7	2485.8	2969.6
25°	2266.2	2205.8	2231.2	2415.8	2842.3
27.5°	2282.1	2148.4	2158.0	2352.1	2708.6
30°	2285.3	2078.4	2081.6	2285.3	2559.0
32.5°	2263.0	2005.2	2008.4	2202.5	2390.3
35°	2208.9	1919.3	1916.1	2107.1	2161.2
37.5°	2135.7	1827.0	1827.0	2002.0	1909.7
40°	2046.6	1734.6	1744.2	1865.1	1686.9
42.5°	1938.4	1636.0	1648.7	1683.7	1521.4
45°	1820.6	1540.5	1550.0	1422.8	1394.1
47.5°	1690.1	1441.9	1445.0	1180.8	1352.7
50°	1534.1	1340.0	1327.3	1012.2	1349.5
52.5°	1397.3	1228.6	1190.4	916.6	1225.4
55°	1263.6	1110.8	1028.1	843.5	1136.2
57.5°	1145.8	958.1	878.5	757.6	1117.2
60°	1037.6	808.5	748.0	665.2	1024.9
62.5°	948.5	697.1	684.3	601.5	929.4
65°	853.0	620.6	617.5	547.5	789.3
67.5°	760.7	569.7	566.5	496.5	601.5
70°	662.1	515.6	509.3	442.5	445.6
72.5°	560.2	455.1	448.8	397.9	369.2
75°	458.4	385.1	381.9	346.9	299.2
77.5°	359.7	305.5	311.9	280.1	219.6
80°	257.8	222.8	229.2	200.5	165.5
82.5°	171.8	146.4	152.8	127.3	111.4
85°	95.5	82.8	85.9	66.8	50.9
87.5°	44.6	38.2	38.2	25.5	15.9
90°	10.6	6.7	6.3	4.3	2.4
92.5°	65.4	46.6	42.5	26.0	9.6
95°	161.1	90.7	83.2	53.2	23.1
97.5°	217.0	99.7	93.1	66.6	40.1
100°	237.4	107.1	101.1	77.1	53.1
102.5°	246.7	114.6	109.0	86.6	64.2
105°	253.6	125.7	120.9	102.0	83.0
107.5°	254.9	142.1	137.7	120.0	102.3
110°	252.9	151.3	147.3	131.3	115.3



TEST NUMBER: P934049

CATALOG NUMBER: SQ4-FA-025U-100D-930-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	253.0	162.4	158.6	143.3	128.2
115°	255.4	179.1	175.5	161.5	147.4
117.5°	260.1	195.2	192.0	179.2	166.5
120°	263.9	204.6	201.6	189.6	177.5
122.5°	269.5	215.7	212.6	200.6	188.5
125°	277.0	230.0	227.2	216.2	205.1
127.5°	284.5	243.7	240.9	229.7	218.6
130°	290.0	252.9	249.9	237.8	225.8
132.5°	294.4	260.3	257.4	245.3	233.4
135°	299.2	269.0	266.3	255.4	244.4
137.5°	306.4	280.1	277.4	266.6	255.8
140°	310.8	287.6	285.1	275.1	265.2
142.5°	314.5	293.2	290.8	281.6	272.4
145°	319.4	301.6	299.6	291.6	283.5
147.5°	326.4	312.2	310.3	302.4	294.6
150°	330.1	317.7	316.0	308.9	301.8
152.5°	332.5	321.4	320.0	314.7	309.3
155°	337.8	329.3	328.3	324.3	320.4
157.5°	343.2	337.3	336.4	332.4	328.6
160°	345.6	341.0	340.2	337.2	334.2
162.5°	348.2	344.8	344.2	342.0	339.7
165°	351.9	350.3	349.9	347.8	345.8
167.5°	354.8	353.5	353.2	352.3	351.3
170°	357.2	357.1	356.9	355.9	354.9
172.5°	357.3	357.3	357.3	357.1	356.9
175°	358.8	359.5	359.5	359.5	359.5
177.5°	358.9	359.5	359.5	359.5	359.5
180°	359.5	359.5	359.5	359.5	359.5



TEST NUMBER: P934049  
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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	15.28	16.48	15.95	17.16	17.95	18.14	19.33	18.80	20.01	20.80
	3H	15.79	16.86	16.46	17.55	18.37	19.51	20.59	20.19	21.28	22.10
	4H	15.99	17.01	16.69	17.71	18.54	19.98	20.99	20.67	21.69	22.53
	6H	16.13	17.07	16.84	17.78	18.63	20.28	21.22	20.99	21.93	22.78
	8H	16.14	17.03	16.86	17.76	18.62	20.37	21.27	21.09	22.00	22.85
	12H	16.12	16.97	16.85	17.70	18.58	20.42	21.28	21.15	22.00	22.88
4H	2H	16.36	17.38	17.06	18.08	18.91	18.58	19.60	19.28	20.30	21.13
	3H	17.42	18.27	18.13	19.00	19.86	20.13	20.97	20.84	21.71	22.56
	4H	17.71	18.48	18.44	19.22	20.10	20.67	21.44	21.40	22.18	23.06
	6H	17.85	18.52	18.60	19.28	20.18	21.06	21.73	21.81	22.49	23.39
	8H	17.87	18.49	18.62	19.25	20.15	21.18	21.80	21.93	22.56	23.47
	12H	17.85	18.41	18.62	19.19	20.10	21.26	21.82	22.03	22.60	23.51
8H	4H	18.19	18.82	18.94	19.58	20.48	20.82	21.45	21.58	22.21	23.11
	6H	18.47	18.99	19.25	19.79	20.69	21.28	21.80	22.06	22.60	23.51
	8H	18.52	18.97	19.31	19.78	20.70	21.44	21.90	22.23	22.70	23.62
	12H	18.51	18.92	19.31	19.71	20.69	21.56	21.96	22.35	22.75	23.74
12H	4H	18.22	18.78	18.99	19.56	20.47	20.80	21.36	21.58	22.15	23.06
	6H	18.53	18.99	19.33	19.80	20.72	21.28	21.74	22.07	22.54	23.46
	8H	18.62	19.02	19.41	19.81	20.80	21.46	21.87	22.26	22.66	23.64