

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: P934021

Luminaire Tested: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

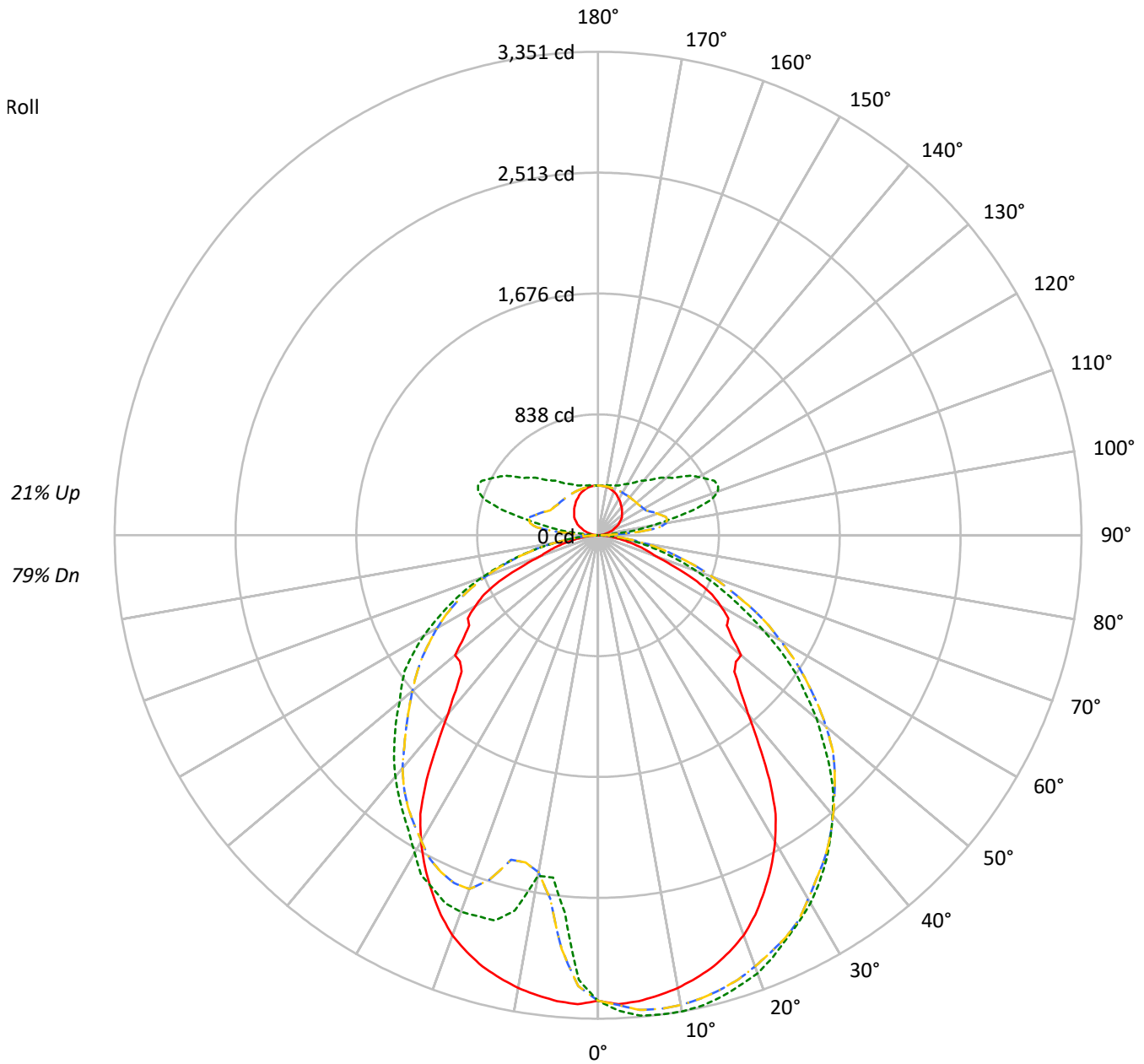
Test Method: LM-79-2019  
Report Number: P934021  
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10600.6 lumens  
Efficiency: N/A  
Efficacy: 91.1 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°	9978	9978	9978	9978
5°	10057	10073	10057	7920
10°	9993	9922	9993	7094
15°	9888	9707	9888	8105
20°	9685	9453	9685	8123
25°	9266	9081	9266	7950
30°	8722	8773	8722	7573
35°	7780	8383	7780	7157
40°	6486	7923	6486	6844
45°	5799	7386	5799	6483
50°	6166	6745	6166	6120
55°	5807	6054	5807	5911
60°	5993	5142	5993	5414
65°	5442	4250	5442	4752
70°	3778	3387	3778	3983
75°	3325	2504	3325	2999
80°	2699	1656	2699	1803
85°	1581	876	1581	745

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8882 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	291.2	2.7
10°-20°	826.8	7.8
20°-30°	1278.1	12.1
30°-40°	1525.8	14.4
40°-50°	1534.7	14.5
50°-60°	1335.4	12.6
60°-70°	946.8	8.9
70°-80°	500.9	4.7
80°-90°	126.1	1.2
90°-100°	168.0	1.6
100°-110°	441.8	4.2
110°-120°	458.1	4.3
120°-130°	367.4	3.5
130°-140°	288.3	2.7
140°-150°	221.3	2.1
150°-160°	159.4	1.5
160°-170°	97.5	0.9
170°-180°	32.9	0.3
0°-30°	2396.1	22.6
0°-40°	3921.9	37.0
0°-60°	6792.0	64.1
0°-90°	8365.8	78.9
90°-120°	1067.9	10.1
90°-150°	1944.9	18.3
90°-180°	2235.0	21.1
0°-180°	10600.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3226	3226	3226	3226	3226	
5°	3241	3342	3241	2628	3241	307
15°	3095	3312	3095	2765	3095	871
25°	2726	3089	2726	2704	2726	1251
35°	2072	2756	2072	2353	2072	1282
45°	1337	2271	1337	1993	1337	1071
55°	1090	1676	1090	1636	1090	1001
65°	757	1010	757	1129	757	723
75°	287	479	287	574	287	302
85°	49	122	49	104	49	66
90°	2	9	2	9	2	4
95°	22	102	22	102	22	25
105°	80	692	80	692	80	84
115°	141	891	141	891	141	140
125°	197	709	197	709	197	175
135°	234	550	234	550	234	181
145°	272	446	272	446	272	170
155°	307	384	307	384	307	141
165°	332	358	332	358	332	94
175°	345	347	345	347	345	33
180°	345	345	345	345	345	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3253.5	3253.5	3271.8	3277.9	3277.9	3268.7	3259.6	3268.7	3296.2	3305.4	3302.3
5°	3241.3	3265.7	3299.3	3305.4	3311.5	3308.5	3302.3	3308.5	3339.0	3345.0	3348.1
7.5°	3216.8	3262.6	3305.4	3314.5	3323.7	3314.5	3311.5	3317.6	3348.1	3354.2	3354.2
10°	3186.3	3250.5	3299.3	3305.4	3314.5	3305.4	3305.4	3317.6	3348.1	3354.2	3357.3
12.5°	3143.6	3232.2	3277.9	3284.0	3296.2	3293.1	3290.1	3302.3	3332.9	3339.0	3339.0
15°	3094.8	3198.6	3241.3	3247.4	3268.7	3262.6	3262.6	3274.9	3308.5	3317.6	3314.5
17.5°	3027.6	3155.8	3204.7	3213.8	3229.1	3226.0	3229.1	3241.3	3271.8	3277.9	3281.0
20°	2951.3	3097.9	3155.8	3165.0	3180.3	3180.3	3180.3	3195.5	3226.0	3238.2	3238.2
22.5°	2847.5	3036.8	3097.9	3103.9	3122.3	3122.3	3128.4	3149.7	3177.2	3180.3	3180.3
25°	2725.5	2969.7	3021.6	3039.9	3058.1	3067.3	3076.5	3088.7	3097.9	3094.8	3097.9
27.5°	2597.3	2884.2	2951.3	2963.6	2988.0	2997.1	3009.3	3012.4	3015.4	3024.6	3018.5
30°	2453.8	2765.1	2865.9	2878.1	2917.8	2923.8	2911.7	2917.8	2933.0	2939.2	2945.2
32.5°	2292.1	2588.1	2777.4	2804.8	2841.5	2823.1	2820.1	2829.3	2853.7	2853.7	2859.8
35°	2072.4	2450.8	2695.0	2719.4	2746.8	2725.5	2737.7	2740.7	2756.0	2765.1	2762.1
37.5°	1831.2	2331.8	2609.5	2627.9	2649.2	2621.7	2640.0	2649.2	2661.4	2655.3	2655.3
40°	1617.6	2145.6	2508.8	2521.0	2539.3	2518.0	2536.2	2542.4	2548.5	2542.4	2539.3
42.5°	1458.9	1941.1	2401.9	2417.3	2405.0	2420.3	2426.3	2438.6	2429.4	2417.3	2417.3
45°	1336.8	1886.2	2286.0	2304.3	2286.0	2310.4	2319.5	2319.5	2292.1	2286.0	2283.0
47.5°	1297.1	1776.3	2170.0	2170.0	2160.9	2191.3	2206.7	2185.3	2157.8	2148.7	2148.7
50°	1294.1	1654.2	2011.3	1999.1	2041.8	2078.5	2063.2	2041.8	2020.5	1986.9	1986.9
52.5°	1175.0	1504.7	1806.8	1852.6	1919.8	1941.1	1916.7	1895.4	1858.7	1843.5	1831.2
55°	1089.6	1349.0	1620.6	1712.2	1782.4	1809.9	1764.1	1742.7	1687.8	1678.6	1672.5
57.5°	1071.3	1123.1	1449.8	1565.7	1651.2	1648.1	1620.6	1581.0	1535.1	1526.1	1523.0
60°	982.8	811.8	1266.6	1403.9	1492.5	1483.3	1458.9	1422.3	1379.5	1373.4	1367.3
62.5°	891.2	589.1	1059.1	1214.8	1339.9	1336.8	1315.5	1260.5	1230.0	1214.8	1202.5
65°	756.9	494.4	753.8	1010.2	1190.3	1196.4	1150.6	1111.0	1077.4	1059.1	1056.0
67.5°	576.8	402.9	509.7	842.4	1046.9	1040.7	982.8	964.4	921.7	912.5	894.3
70°	427.3	268.6	354.0	683.7	906.4	891.2	845.4	824.1	784.4	763.0	750.8
72.5°	354.0	216.7	259.4	531.1	763.0	744.7	705.0	680.6	647.0	628.7	616.5
75°	286.9	228.9	198.4	393.7	619.5	607.4	570.7	546.3	518.8	494.4	497.5
77.5°	210.6	213.7	158.7	290.0	491.4	473.1	451.7	421.2	408.9	384.5	384.5
80°	158.7	167.9	119.0	198.4	354.0	354.0	335.7	314.4	293.0	280.8	280.8
82.5°	106.8	106.8	88.5	125.1	241.1	231.9	219.8	213.7	201.4	195.3	195.3
85°	48.8	61.1	54.9	76.3	131.2	137.4	137.4	131.2	128.2	122.0	125.1
87.5°	15.2	27.5	33.6	42.7	67.1	70.2	73.2	73.2	73.2	76.3	76.3
90°	2.3	4.2	6.0	6.5	10.2	15.1	17.6	15.6	11.7	8.8	8.8
92.5°	9.2	24.9	40.7	44.7	62.8	86.9	99.0	86.8	62.3	44.0	42.2
95°	22.2	51.0	79.8	87.0	154.5	244.5	289.4	258.3	196.0	149.2	143.9
97.5°	38.4	63.8	89.2	95.6	208.1	358.1	433.1	413.4	374.1	344.5	334.4
100°	50.9	73.9	96.9	102.7	227.6	394.1	477.3	478.8	481.6	483.8	471.8
102.5°	61.5	83.0	104.5	109.9	236.5	405.4	489.8	514.9	565.0	602.7	592.4
105°	79.6	97.8	116.0	120.5	243.2	406.6	488.4	544.6	657.1	741.5	736.0
107.5°	98.1	115.0	132.1	136.3	244.4	388.5	460.6	539.1	696.0	813.7	815.0
110°	110.6	125.9	141.2	145.1	242.6	372.5	437.5	525.2	700.6	832.2	838.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	122.9	137.4	152.1	155.7	242.6	358.5	416.5	506.3	685.8	820.4	829.3
115°	141.4	154.8	168.3	171.7	244.9	342.4	391.2	477.7	650.6	780.4	792.6
117.5°	159.6	171.9	184.1	187.2	249.4	332.4	373.9	452.0	608.1	725.1	738.7
120°	170.2	181.8	193.3	196.2	253.1	328.9	366.9	438.2	580.9	687.8	701.1
122.5°	180.7	192.3	203.9	206.8	258.4	327.2	361.6	425.8	554.2	650.6	663.6
125°	196.7	207.3	217.9	220.5	265.7	325.8	355.8	410.3	519.4	601.3	613.3
127.5°	209.6	220.3	231.0	233.7	272.8	324.9	351.0	397.8	491.5	561.7	571.9
130°	216.5	228.1	239.6	242.5	278.0	325.4	349.1	390.9	474.2	536.8	546.2
132.5°	223.8	235.2	246.8	249.6	282.3	325.8	347.5	384.8	459.5	515.5	523.9
135°	234.4	244.9	255.3	258.0	286.9	325.5	344.7	376.0	438.5	485.4	492.6
137.5°	245.2	255.6	266.0	268.6	293.8	327.5	344.3	370.7	423.5	463.2	469.1
140°	254.3	263.8	273.4	275.8	298.1	327.8	342.7	365.4	411.1	445.4	450.9
142.5°	261.2	270.0	278.9	281.1	301.6	328.9	342.7	362.7	402.8	432.9	437.7
145°	271.9	279.6	287.3	289.2	306.2	328.9	340.3	356.7	389.5	414.1	417.7
147.5°	282.5	290.0	297.5	299.4	313.0	331.3	340.3	353.3	379.1	398.4	401.4
150°	289.4	296.2	303.0	304.7	316.5	332.4	340.3	351.3	373.1	389.4	391.8
152.5°	296.6	301.8	306.8	308.2	318.9	333.2	340.3	349.7	368.3	382.2	384.1
155°	307.2	311.0	314.9	315.8	323.9	334.9	340.3	347.7	362.6	373.7	374.9
157.5°	315.1	318.8	322.6	323.5	329.1	336.6	340.3	346.1	357.6	366.2	367.1
160°	320.5	323.3	326.2	326.9	331.4	337.3	340.3	345.3	355.1	362.5	363.0
162.5°	325.8	327.9	330.1	330.6	333.9	338.2	340.3	344.5	352.8	359.1	359.5
165°	331.6	333.5	335.5	336.0	337.4	339.3	340.3	343.3	349.3	353.7	354.2
167.5°	336.9	337.8	338.7	339.0	340.2	341.8	342.7	344.6	348.5	351.4	351.7
170°	340.3	341.3	342.2	342.4	342.5	342.6	342.7	344.6	348.5	351.4	351.4
172.5°	342.2	342.4	342.6	342.7	342.7	342.7	342.7	344.2	347.3	349.6	349.4
175°	344.7	344.7	344.7	344.7	344.0	343.1	342.7	343.7	345.6	347.0	347.0
177.5°	344.7	344.7	344.7	344.7	344.2	343.5	343.1	343.9	345.4	346.6	346.3
180°	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3308.5	3299.3	3308.5	3302.3	3305.4	3296.2	3268.7	3259.6	3268.7	3277.9	3277.9
5°	3348.1	3342.0	3348.1	3348.1	3345.0	3339.0	3308.5	3302.3	3308.5	3311.5	3305.4
7.5°	3360.3	3351.2	3360.3	3354.2	3354.2	3348.1	3317.6	3311.5	3314.5	3323.7	3314.5
10°	3360.3	3351.2	3360.3	3357.3	3354.2	3348.1	3317.6	3305.4	3305.4	3314.5	3305.4
12.5°	3345.0	3339.0	3345.0	3339.0	3339.0	3332.9	3302.3	3290.1	3293.1	3296.2	3284.0
15°	3320.6	3311.5	3320.6	3314.5	3317.6	3308.5	3274.9	3262.6	3262.6	3268.7	3247.4
17.5°	3284.0	3271.8	3284.0	3281.0	3277.9	3271.8	3241.3	3229.1	3226.0	3229.1	3213.8
20°	3241.3	3232.2	3241.3	3238.2	3238.2	3226.0	3195.5	3180.3	3180.3	3180.3	3165.0
22.5°	3174.2	3165.0	3174.2	3180.3	3180.3	3177.2	3149.7	3128.4	3122.3	3122.3	3103.9
25°	3097.9	3088.7	3097.9	3097.9	3094.8	3097.9	3088.7	3076.5	3067.3	3058.1	3039.9
27.5°	3024.6	3018.5	3024.6	3018.5	3024.6	3015.4	3012.4	3009.3	2997.1	2988.0	2963.6
30°	2951.3	2945.2	2951.3	2945.2	2939.2	2933.0	2917.8	2911.7	2923.8	2917.8	2878.1
32.5°	2859.8	2853.7	2859.8	2859.8	2853.7	2853.7	2829.3	2820.1	2823.1	2841.5	2804.8
35°	2765.1	2756.0	2765.1	2762.1	2765.1	2756.0	2740.7	2737.7	2725.5	2746.8	2719.4
37.5°	2655.3	2646.1	2655.3	2655.3	2655.3	2661.4	2649.2	2640.0	2621.7	2649.2	2627.9
40°	2542.4	2530.1	2542.4	2539.3	2542.4	2548.5	2542.4	2536.2	2518.0	2539.3	2521.0
42.5°	2414.2	2411.1	2414.2	2417.3	2417.3	2429.4	2438.6	2426.3	2420.3	2405.0	2417.3
45°	2276.8	2270.7	2276.8	2283.0	2286.0	2292.1	2319.5	2319.5	2310.4	2286.0	2304.3
47.5°	2130.4	2115.1	2130.4	2148.7	2148.7	2157.8	2185.3	2206.7	2191.3	2160.9	2170.0
50°	1974.7	1977.7	1974.7	1986.9	1986.9	2020.5	2041.8	2063.2	2078.5	2041.8	1999.1
52.5°	1822.1	1819.0	1822.1	1831.2	1843.5	1858.7	1895.4	1916.7	1941.1	1919.8	1852.6
55°	1669.4	1675.6	1669.4	1672.5	1678.6	1687.8	1742.7	1764.1	1809.9	1782.4	1712.2
57.5°	1516.9	1507.7	1516.9	1523.0	1526.1	1535.1	1581.0	1620.6	1648.1	1651.2	1565.7
60°	1339.9	1327.6	1339.9	1367.3	1373.4	1379.5	1422.3	1458.9	1483.3	1492.5	1403.9
62.5°	1184.2	1162.9	1184.2	1202.5	1214.8	1230.0	1260.5	1315.5	1336.8	1339.9	1214.8
65°	1019.4	1010.2	1019.4	1056.0	1059.1	1077.4	1111.0	1150.6	1196.4	1190.3	1010.2
67.5°	869.9	869.9	869.9	894.3	912.5	921.7	964.4	982.8	1040.7	1046.9	842.4
70°	732.5	729.4	732.5	750.8	763.0	784.4	824.1	845.4	891.2	906.4	683.7
72.5°	601.3	598.2	601.3	616.5	628.7	647.0	680.6	705.0	744.7	763.0	531.1
75°	485.3	479.2	485.3	497.5	494.4	518.8	546.3	570.7	607.4	619.5	393.7
77.5°	372.4	372.4	372.4	384.5	384.5	408.9	421.2	451.7	473.1	491.4	290.0
80°	277.7	274.7	277.7	280.8	280.8	293.0	314.4	335.7	354.0	354.0	198.4
82.5°	195.3	189.2	195.3	195.3	195.3	201.4	213.7	219.8	231.9	241.1	125.1
85°	122.0	122.0	122.0	125.1	122.0	128.2	131.2	137.4	137.4	131.2	76.3
87.5°	79.4	76.3	79.4	76.3	76.3	73.2	73.2	73.2	70.2	67.1	42.7
90°	8.8	8.8	8.8	8.8	8.8	11.7	15.6	17.6	15.1	10.2	6.5
92.5°	35.3	28.3	35.3	42.2	44.0	62.3	86.8	99.0	86.9	62.8	44.7
95°	122.7	101.6	122.7	143.9	149.2	196.0	258.3	289.4	244.5	154.5	87.0
97.5°	294.1	253.8	294.1	334.4	344.5	374.1	413.4	433.1	358.1	208.1	95.6
100°	423.8	375.8	423.8	471.8	483.8	481.6	478.8	477.3	394.1	227.6	102.7
102.5°	551.2	510.1	551.2	592.4	602.7	565.0	514.9	489.8	405.4	236.5	109.9
105°	713.9	691.8	713.9	736.0	741.5	657.1	544.6	488.4	406.6	243.2	120.5
107.5°	820.4	825.7	820.4	815.0	813.7	696.0	539.1	460.6	388.5	244.4	136.3
110°	861.0	884.0	861.0	838.0	832.2	700.6	525.2	437.5	372.5	242.6	145.1





TEST NUMBER: P934021

CATALOG NUMBER: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	864.6	900.0	864.6	829.3	820.4	685.8	506.3	416.5	358.5	242.6	155.7
115°	841.7	890.7	841.7	792.6	780.4	650.6	477.7	391.2	342.4	244.9	171.7
117.5°	793.1	847.5	793.1	738.7	725.1	608.1	452.0	373.9	332.4	249.4	187.2
120°	753.9	806.7	753.9	701.1	687.8	580.9	438.2	366.9	328.9	253.1	196.2
122.5°	715.8	767.9	715.8	663.6	650.6	554.2	425.8	361.6	327.2	258.4	206.8
125°	661.3	709.3	661.3	613.3	601.3	519.4	410.3	355.8	325.8	265.7	220.5
127.5°	612.4	652.9	612.4	571.9	561.7	491.5	397.8	351.0	324.9	272.8	233.7
130°	583.6	621.0	583.6	546.2	536.8	474.2	390.9	349.1	325.4	278.0	242.5
132.5°	557.4	590.9	557.4	523.9	515.5	459.5	384.8	347.5	325.8	282.3	249.6
135°	521.5	550.4	521.5	492.6	485.4	438.5	376.0	344.7	325.5	286.9	258.0
137.5°	492.7	516.4	492.7	469.1	463.2	423.5	370.7	344.3	327.5	293.8	268.6
140°	473.0	495.1	473.0	450.9	445.4	411.1	365.4	342.7	327.8	298.1	275.8
142.5°	456.7	475.7	456.7	437.7	432.9	402.8	362.7	342.7	328.9	301.6	281.1
145°	432.1	446.5	432.1	417.7	414.1	389.5	356.7	340.3	328.9	306.2	289.2
147.5°	413.3	425.3	413.3	401.4	398.4	379.1	353.3	340.3	331.3	313.0	299.4
150°	401.5	411.1	401.5	391.8	389.4	373.1	351.3	340.3	332.4	316.5	304.7
152.5°	391.3	398.6	391.3	384.1	382.2	368.3	349.7	340.3	333.2	318.9	308.2
155°	379.7	384.5	379.7	374.9	373.7	362.6	347.7	340.3	334.9	323.9	315.8
157.5°	370.5	373.9	370.5	367.1	366.2	357.6	346.1	340.3	336.6	329.1	323.5
160°	365.0	366.9	365.0	363.0	362.5	355.1	345.3	340.3	337.3	331.4	326.9
162.5°	361.4	363.2	361.4	359.5	359.1	352.8	344.5	340.3	338.2	333.9	330.6
165°	356.2	358.1	356.2	354.2	353.7	349.3	343.3	340.3	339.3	337.4	336.0
167.5°	352.4	353.3	352.4	351.7	351.4	348.5	344.6	342.7	341.8	340.2	339.0
170°	351.4	351.4	351.4	351.4	351.4	348.5	344.6	342.7	342.6	342.5	342.4
172.5°	348.7	348.0	348.7	349.4	349.6	347.3	344.2	342.7	342.7	342.7	342.7
175°	347.0	347.0	347.0	347.0	347.0	345.6	343.7	342.7	343.1	344.0	344.7
177.5°	345.6	344.7	345.6	346.3	346.6	345.4	343.9	343.1	343.5	344.2	344.7
180°	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7



TEST NUMBER: P934021

CATALOG NUMBER: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3271.8	3253.5	3253.5	3223.0	3210.7	3201.6	3186.3	3140.6	3128.4	3116.1	3134.4
5°	3299.3	3265.7	3241.3	3186.3	3140.6	3122.3	3064.3	2954.4	2881.1	2826.2	2795.7
7.5°	3305.4	3262.6	3216.8	3131.4	3021.6	2972.7	2795.7	2594.3	2539.3	2490.5	2459.9
10°	3299.3	3250.5	3186.3	3058.1	2798.7	2713.2	2536.2	2405.0	2371.4	2362.3	2371.4
12.5°	3277.9	3232.2	3143.6	2930.0	2566.8	2508.8	2405.0	2328.7	2322.6	2337.9	2420.3
15°	3241.3	3198.6	3094.8	2759.1	2438.6	2395.9	2322.6	2295.1	2328.7	2435.5	2682.8
17.5°	3204.7	3155.8	3027.6	2591.2	2341.0	2310.4	2258.5	2313.5	2502.7	2646.1	2728.6
20°	3155.8	3097.9	2951.3	2469.1	2270.7	2243.2	2218.8	2466.1	2609.5	2661.4	2707.2
22.5°	3097.9	3036.8	2847.5	2383.7	2197.5	2176.1	2191.3	2551.5	2609.5	2646.1	2685.8
25°	3021.6	2969.7	2725.5	2316.5	2139.5	2115.1	2173.1	2542.4	2576.0	2585.1	2664.4
27.5°	2951.3	2884.2	2597.3	2255.5	2069.3	2060.1	2188.3	2502.7	2527.1	2536.2	2621.7
30°	2865.9	2765.1	2453.8	2191.3	1996.1	1993.0	2191.3	2453.8	2447.8	2472.2	2557.6
32.5°	2777.4	2588.1	2292.1	2112.0	1925.8	1922.8	2170.0	2380.6	2374.5	2408.1	2472.2
35°	2695.0	2450.8	2072.4	2020.5	1837.4	1840.4	2118.1	2295.1	2298.2	2328.7	2368.4
37.5°	2609.5	2331.8	1831.2	1919.8	1751.9	1751.9	2047.9	2215.8	2209.7	2218.8	2273.8
40°	2508.8	2145.6	1617.6	1788.5	1672.5	1663.4	1962.5	2130.4	2109.0	2106.0	2182.3
42.5°	2401.9	1941.1	1458.9	1614.5	1581.0	1568.7	1858.7	2026.6	1986.9	1996.1	2093.7
45°	2286.0	1886.2	1336.8	1364.3	1486.3	1477.2	1745.7	1907.5	1880.0	1904.5	2005.2
47.5°	2170.0	1776.3	1297.1	1132.3	1385.6	1382.6	1620.6	1791.6	1776.3	1800.7	1907.5
50°	2011.3	1654.2	1294.1	970.6	1272.7	1284.9	1471.1	1678.6	1678.6	1700.0	1812.9
52.5°	1806.8	1504.7	1175.0	879.0	1141.4	1178.1	1339.9	1581.0	1587.0	1608.5	1709.2
55°	1620.6	1349.0	1089.6	808.8	985.8	1065.1	1211.7	1480.2	1492.5	1513.8	1605.4
57.5°	1449.8	1123.1	1071.3	726.4	842.4	918.7	1098.7	1382.6	1388.7	1407.0	1495.5
60°	1266.6	811.8	982.8	637.9	717.3	775.2	995.0	1266.6	1288.0	1300.1	1376.5
62.5°	1059.1	589.1	891.2	576.8	656.2	668.4	909.5	1156.7	1184.2	1193.3	1239.2
65°	753.8	494.4	756.9	525.0	592.1	595.1	818.0	1043.8	1068.2	1083.5	1117.0
67.5°	509.7	402.9	576.8	476.1	543.2	546.3	729.4	912.5	946.1	958.3	979.7
70°	354.0	268.6	427.3	424.3	488.3	494.4	634.9	793.6	824.1	833.2	845.4
72.5°	259.4	216.7	354.0	381.5	430.4	436.4	537.2	659.3	689.8	698.9	705.0
75°	198.4	228.9	286.9	332.6	366.2	369.3	439.5	537.2	558.6	564.6	567.6
77.5°	158.7	213.7	210.6	268.6	299.1	293.0	344.9	415.1	433.4	433.4	433.4
80°	119.0	167.9	158.7	192.3	219.8	213.7	247.2	296.1	302.1	308.2	305.2
82.5°	88.5	106.8	106.8	122.0	146.5	140.4	164.8	192.3	192.3	192.3	198.4
85°	54.9	61.1	48.8	64.1	82.4	79.4	91.6	103.8	106.8	106.8	100.7
87.5°	33.6	27.5	15.2	24.4	36.7	36.7	42.7	45.8	42.7	42.7	42.7
90°	6.0	4.2	2.3	4.2	6.0	6.5	10.2	15.1	17.6	15.6	11.7
92.5°	40.7	24.9	9.2	24.9	40.7	44.7	62.8	86.9	99.0	86.8	62.3
95°	79.8	51.0	22.2	51.0	79.8	87.0	154.5	244.5	289.4	258.3	196.0
97.5°	89.2	63.8	38.4	63.8	89.2	95.6	208.1	358.1	433.1	413.4	374.1
100°	96.9	73.9	50.9	73.9	96.9	102.7	227.6	394.1	477.3	478.8	481.6
102.5°	104.5	83.0	61.5	83.0	104.5	109.9	236.5	405.4	489.8	514.9	565.0
105°	116.0	97.8	79.6	97.8	116.0	120.5	243.2	406.6	488.4	544.6	657.1
107.5°	132.1	115.0	98.1	115.0	132.1	136.3	244.4	388.5	460.6	539.1	696.0
110°	141.2	125.9	110.6	125.9	141.2	145.1	242.6	372.5	437.5	525.2	700.6



TEST NUMBER: P934021

CATALOG NUMBER: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	152.1	137.4	122.9	137.4	152.1	155.7	242.6	358.5	416.5	506.3	685.8
115°	168.3	154.8	141.4	154.8	168.3	171.7	244.9	342.4	391.2	477.7	650.6
117.5°	184.1	171.9	159.6	171.9	184.1	187.2	249.4	332.4	373.9	452.0	608.1
120°	193.3	181.8	170.2	181.8	193.3	196.2	253.1	328.9	366.9	438.2	580.9
122.5°	203.9	192.3	180.7	192.3	203.9	206.8	258.4	327.2	361.6	425.8	554.2
125°	217.9	207.3	196.7	207.3	217.9	220.5	265.7	325.8	355.8	410.3	519.4
127.5°	231.0	220.3	209.6	220.3	231.0	233.7	272.8	324.9	351.0	397.8	491.5
130°	239.6	228.1	216.5	228.1	239.6	242.5	278.0	325.4	349.1	390.9	474.2
132.5°	246.8	235.2	223.8	235.2	246.8	249.6	282.3	325.8	347.5	384.8	459.5
135°	255.3	244.9	234.4	244.9	255.3	258.0	286.9	325.5	344.7	376.0	438.5
137.5°	266.0	255.6	245.2	255.6	266.0	268.6	293.8	327.5	344.3	370.7	423.5
140°	273.4	263.8	254.3	263.8	273.4	275.8	298.1	327.8	342.7	365.4	411.1
142.5°	278.9	270.0	261.2	270.0	278.9	281.1	301.6	328.9	342.7	362.7	402.8
145°	287.3	279.6	271.9	279.6	287.3	289.2	306.2	328.9	340.3	356.7	389.5
147.5°	297.5	290.0	282.5	290.0	297.5	299.4	313.0	331.3	340.3	353.3	379.1
150°	303.0	296.2	289.4	296.2	303.0	304.7	316.5	332.4	340.3	351.3	373.1
152.5°	306.8	301.8	296.6	301.8	306.8	308.2	318.9	333.2	340.3	349.7	368.3
155°	314.9	311.0	307.2	311.0	314.9	315.8	323.9	334.9	340.3	347.7	362.6
157.5°	322.6	318.8	315.1	318.8	322.6	323.5	329.1	336.6	340.3	346.1	357.6
160°	326.2	323.3	320.5	323.3	326.2	326.9	331.4	337.3	340.3	345.3	355.1
162.5°	330.1	327.9	325.8	327.9	330.1	330.6	333.9	338.2	340.3	344.5	352.8
165°	335.5	333.5	331.6	333.5	335.5	336.0	337.4	339.3	340.3	343.3	349.3
167.5°	338.7	337.8	336.9	337.8	338.7	339.0	340.2	341.8	342.7	344.6	348.5
170°	342.2	341.3	340.3	341.3	342.2	342.4	342.5	342.6	342.7	344.6	348.5
172.5°	342.6	342.4	342.2	342.4	342.6	342.7	342.7	342.7	342.7	344.2	347.3
175°	344.7	344.7	344.7	344.7	344.7	344.7	344.0	343.1	342.7	343.7	345.6
177.5°	344.7	344.7	344.7	344.7	344.7	344.7	344.2	343.5	343.1	343.9	345.4
180°	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7



TEST NUMBER: P934021

CATALOG NUMBER: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3113.1	3103.9	3116.1	3082.5	3116.1	3103.9	3113.1	3134.4	3116.1	3128.4	3140.6
5°	2731.6	2716.3	2667.5	2627.9	2667.5	2716.3	2731.6	2795.7	2826.2	2881.1	2954.4
7.5°	2441.7	2429.4	2417.3	2392.8	2417.3	2429.4	2441.7	2459.9	2490.5	2539.3	2594.3
10°	2377.5	2380.6	2398.9	2395.9	2398.9	2380.6	2377.5	2371.4	2362.3	2371.4	2405.0
12.5°	2542.4	2569.8	2670.5	2664.4	2670.5	2569.8	2542.4	2420.3	2337.9	2322.6	2328.7
15°	2731.6	2740.7	2762.1	2765.1	2762.1	2740.7	2731.6	2682.8	2435.5	2328.7	2295.1
17.5°	2749.9	2753.0	2768.2	2768.2	2768.2	2753.0	2749.9	2728.6	2646.1	2502.7	2313.5
20°	2734.7	2740.7	2771.2	2777.4	2771.2	2740.7	2734.7	2707.2	2661.4	2609.5	2466.1
22.5°	2728.6	2740.7	2765.1	2762.1	2765.1	2740.7	2728.6	2685.8	2646.1	2609.5	2551.5
25°	2698.0	2698.0	2701.1	2704.1	2701.1	2698.0	2698.0	2664.4	2585.1	2576.0	2542.4
27.5°	2633.9	2640.0	2658.3	2655.3	2658.3	2640.0	2633.9	2621.7	2536.2	2527.1	2502.7
30°	2576.0	2569.8	2554.6	2542.4	2554.6	2569.8	2576.0	2557.6	2472.2	2447.8	2453.8
32.5°	2478.2	2463.0	2447.8	2438.6	2447.8	2463.0	2478.2	2472.2	2408.1	2374.5	2380.6
35°	2362.3	2365.4	2362.3	2353.1	2362.3	2365.4	2362.3	2368.4	2328.7	2298.2	2295.1
37.5°	2279.9	2286.0	2283.0	2270.7	2283.0	2286.0	2279.9	2273.8	2218.8	2209.7	2215.8
40°	2194.4	2197.5	2194.4	2185.3	2194.4	2197.5	2194.4	2182.3	2106.0	2109.0	2130.4
42.5°	2112.0	2109.0	2099.8	2093.7	2099.8	2109.0	2112.0	2093.7	1996.1	1986.9	2026.6
45°	2017.4	2020.5	2002.2	1993.0	2002.2	2020.5	2017.4	2005.2	1904.5	1880.0	1907.5
47.5°	1922.8	1922.8	1907.5	1898.4	1907.5	1922.8	1922.8	1907.5	1800.7	1776.3	1791.6
50°	1822.1	1819.0	1797.6	1794.6	1797.6	1819.0	1822.1	1812.9	1700.0	1678.6	1678.6
52.5°	1706.1	1706.1	1709.2	1715.3	1709.2	1706.1	1706.1	1709.2	1608.5	1587.0	1581.0
55°	1605.4	1608.5	1629.8	1635.9	1629.8	1608.5	1605.4	1605.4	1513.8	1492.5	1480.2
57.5°	1501.6	1501.6	1516.9	1516.9	1516.9	1501.6	1501.6	1495.5	1407.0	1388.7	1382.6
60°	1382.6	1388.7	1400.9	1397.9	1400.9	1388.7	1382.6	1376.5	1300.1	1288.0	1266.6
62.5°	1257.4	1263.6	1266.6	1260.5	1266.6	1263.6	1257.4	1239.2	1193.3	1184.2	1156.7
65°	1126.2	1132.3	1135.4	1129.3	1135.4	1132.3	1126.2	1117.0	1083.5	1068.2	1043.8
67.5°	991.9	988.8	985.8	998.0	985.8	988.8	991.9	979.7	958.3	946.1	912.5
70°	854.5	854.5	851.5	857.6	851.5	854.5	854.5	845.4	833.2	824.1	793.6
72.5°	708.1	705.0	717.3	708.1	717.3	705.0	708.1	705.0	698.9	689.8	659.3
75°	564.6	570.7	564.6	573.8	564.6	570.7	564.6	567.6	564.6	558.6	537.2
77.5°	430.4	436.4	430.4	430.4	430.4	436.4	430.4	433.4	433.4	433.4	415.1
80°	305.2	302.1	302.1	299.1	302.1	302.1	305.2	305.2	308.2	302.1	296.1
82.5°	195.3	192.3	192.3	198.4	192.3	192.3	195.3	198.4	192.3	192.3	192.3
85°	106.8	109.9	103.8	103.8	103.8	109.9	106.8	100.7	106.8	106.8	103.8
87.5°	39.7	36.7	36.7	36.7	36.7	36.7	39.7	42.7	42.7	42.7	45.8
90°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	11.7	15.6	17.6	15.1
92.5°	44.0	42.2	35.3	28.3	35.3	42.2	44.0	62.3	86.8	99.0	86.9
95°	149.2	143.9	122.7	101.6	122.7	143.9	149.2	196.0	258.3	289.4	244.5
97.5°	344.5	334.4	294.1	253.8	294.1	334.4	344.5	374.1	413.4	433.1	358.1
100°	483.8	471.8	423.8	375.8	423.8	471.8	483.8	481.6	478.8	477.3	394.1
102.5°	602.7	592.4	551.2	510.1	551.2	592.4	602.7	565.0	514.9	489.8	405.4
105°	741.5	736.0	713.9	691.8	713.9	736.0	741.5	657.1	544.6	488.4	406.6
107.5°	813.7	815.0	820.4	825.7	820.4	815.0	813.7	696.0	539.1	460.6	388.5
110°	832.2	838.0	861.0	884.0	861.0	838.0	832.2	700.6	525.2	437.5	372.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	820.4	829.3	864.6	900.0	864.6	829.3	820.4	685.8	506.3	416.5	358.5
115°	780.4	792.6	841.7	890.7	841.7	792.6	780.4	650.6	477.7	391.2	342.4
117.5°	725.1	738.7	793.1	847.5	793.1	738.7	725.1	608.1	452.0	373.9	332.4
120°	687.8	701.1	753.9	806.7	753.9	701.1	687.8	580.9	438.2	366.9	328.9
122.5°	650.6	663.6	715.8	767.9	715.8	663.6	650.6	554.2	425.8	361.6	327.2
125°	601.3	613.3	661.3	709.3	661.3	613.3	601.3	519.4	410.3	355.8	325.8
127.5°	561.7	571.9	612.4	652.9	612.4	571.9	561.7	491.5	397.8	351.0	324.9
130°	536.8	546.2	583.6	621.0	583.6	546.2	536.8	474.2	390.9	349.1	325.4
132.5°	515.5	523.9	557.4	590.9	557.4	523.9	515.5	459.5	384.8	347.5	325.8
135°	485.4	492.6	521.5	550.4	521.5	492.6	485.4	438.5	376.0	344.7	325.5
137.5°	463.2	469.1	492.7	516.4	492.7	469.1	463.2	423.5	370.7	344.3	327.5
140°	445.4	450.9	473.0	495.1	473.0	450.9	445.4	411.1	365.4	342.7	327.8
142.5°	432.9	437.7	456.7	475.7	456.7	437.7	432.9	402.8	362.7	342.7	328.9
145°	414.1	417.7	432.1	446.5	432.1	417.7	414.1	389.5	356.7	340.3	328.9
147.5°	398.4	401.4	413.3	425.3	413.3	401.4	398.4	379.1	353.3	340.3	331.3
150°	389.4	391.8	401.5	411.1	401.5	391.8	389.4	373.1	351.3	340.3	332.4
152.5°	382.2	384.1	391.3	398.6	391.3	384.1	382.2	368.3	349.7	340.3	333.2
155°	373.7	374.9	379.7	384.5	379.7	374.9	373.7	362.6	347.7	340.3	334.9
157.5°	366.2	367.1	370.5	373.9	370.5	367.1	366.2	357.6	346.1	340.3	336.6
160°	362.5	363.0	365.0	366.9	365.0	363.0	362.5	355.1	345.3	340.3	337.3
162.5°	359.1	359.5	361.4	363.2	361.4	359.5	359.1	352.8	344.5	340.3	338.2
165°	353.7	354.2	356.2	358.1	356.2	354.2	353.7	349.3	343.3	340.3	339.3
167.5°	351.4	351.7	352.4	353.3	352.4	351.7	351.4	348.5	344.6	342.7	341.8
170°	351.4	351.4	351.4	351.4	351.4	351.4	351.4	348.5	344.6	342.7	342.6
172.5°	349.6	349.4	348.7	348.0	348.7	349.4	349.6	347.3	344.2	342.7	342.7
175°	347.0	347.0	347.0	347.0	347.0	347.0	347.0	345.6	343.7	342.7	343.1
177.5°	346.6	346.3	345.6	344.7	345.6	346.3	346.6	345.4	343.9	343.1	343.5
180°	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7	344.7



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3186.3	3201.6	3210.7	3223.0	3253.5
5°	3064.3	3122.3	3140.6	3186.3	3241.3
7.5°	2795.7	2972.7	3021.6	3131.4	3216.8
10°	2536.2	2713.2	2798.7	3058.1	3186.3
12.5°	2405.0	2508.8	2566.8	2930.0	3143.6
15°	2322.6	2395.9	2438.6	2759.1	3094.8
17.5°	2258.5	2310.4	2341.0	2591.2	3027.6
20°	2218.8	2243.2	2270.7	2469.1	2951.3
22.5°	2191.3	2176.1	2197.5	2383.7	2847.5
25°	2173.1	2115.1	2139.5	2316.5	2725.5
27.5°	2188.3	2060.1	2069.3	2255.5	2597.3
30°	2191.3	1993.0	1996.1	2191.3	2453.8
32.5°	2170.0	1922.8	1925.8	2112.0	2292.1
35°	2118.1	1840.4	1837.4	2020.5	2072.4
37.5°	2047.9	1751.9	1751.9	1919.8	1831.2
40°	1962.5	1663.4	1672.5	1788.5	1617.6
42.5°	1858.7	1568.7	1581.0	1614.5	1458.9
45°	1745.7	1477.2	1486.3	1364.3	1336.8
47.5°	1620.6	1382.6	1385.6	1132.3	1297.1
50°	1471.1	1284.9	1272.7	970.6	1294.1
52.5°	1339.9	1178.1	1141.4	879.0	1175.0
55°	1211.7	1065.1	985.8	808.8	1089.6
57.5°	1098.7	918.7	842.4	726.4	1071.3
60°	995.0	775.2	717.3	637.9	982.8
62.5°	909.5	668.4	656.2	576.8	891.2
65°	818.0	595.1	592.1	525.0	756.9
67.5°	729.4	546.3	543.2	476.1	576.8
70°	634.9	494.4	488.3	424.3	427.3
72.5°	537.2	436.4	430.4	381.5	354.0
75°	439.5	369.3	366.2	332.6	286.9
77.5°	344.9	293.0	299.1	268.6	210.6
80°	247.2	213.7	219.8	192.3	158.7
82.5°	164.8	140.4	146.5	122.0	106.8
85°	91.6	79.4	82.4	64.1	48.8
87.5°	42.7	36.7	36.7	24.4	15.2
90°	10.2	6.5	6.0	4.2	2.3
92.5°	62.8	44.7	40.7	24.9	9.2
95°	154.5	87.0	79.8	51.0	22.2
97.5°	208.1	95.6	89.2	63.8	38.4
100°	227.6	102.7	96.9	73.9	50.9
102.5°	236.5	109.9	104.5	83.0	61.5
105°	243.2	120.5	116.0	97.8	79.6
107.5°	244.4	136.3	132.1	115.0	98.1
110°	242.6	145.1	141.2	125.9	110.6



TEST NUMBER: P934021

CATALOG NUMBER: SQ4-FA-025U-100D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	242.6	155.7	152.1	137.4	122.9
115°	244.9	171.7	168.3	154.8	141.4
117.5°	249.4	187.2	184.1	171.9	159.6
120°	253.1	196.2	193.3	181.8	170.2
122.5°	258.4	206.8	203.9	192.3	180.7
125°	265.7	220.5	217.9	207.3	196.7
127.5°	272.8	233.7	231.0	220.3	209.6
130°	278.0	242.5	239.6	228.1	216.5
132.5°	282.3	249.6	246.8	235.2	223.8
135°	286.9	258.0	255.3	244.9	234.4
137.5°	293.8	268.6	266.0	255.6	245.2
140°	298.1	275.8	273.4	263.8	254.3
142.5°	301.6	281.1	278.9	270.0	261.2
145°	306.2	289.2	287.3	279.6	271.9
147.5°	313.0	299.4	297.5	290.0	282.5
150°	316.5	304.7	303.0	296.2	289.4
152.5°	318.9	308.2	306.8	301.8	296.6
155°	323.9	315.8	314.9	311.0	307.2
157.5°	329.1	323.5	322.6	318.8	315.1
160°	331.4	326.9	326.2	323.3	320.5
162.5°	333.9	330.6	330.1	327.9	325.8
165°	337.4	336.0	335.5	333.5	331.6
167.5°	340.2	339.0	338.7	337.8	336.9
170°	342.5	342.4	342.2	341.3	340.3
172.5°	342.7	342.7	342.6	342.4	342.2
175°	344.0	344.7	344.7	344.7	344.7
177.5°	344.2	344.7	344.7	344.7	344.7
180°	344.7	344.7	344.7	344.7	344.7



TEST NUMBER: P934021  
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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	15.14	16.34	15.80	17.02	17.80	17.99	19.19	18.65	19.87	20.65
	3H	15.64	16.72	16.32	17.41	18.23	19.37	20.44	20.04	21.13	21.96
	4H	15.85	16.86	16.54	17.56	18.40	19.83	20.85	20.53	21.55	22.38
	6H	15.98	16.92	16.69	17.63	18.48	20.14	21.08	20.85	21.79	22.64
	8H	15.99	16.89	16.71	17.62	18.47	20.23	21.12	20.94	21.85	22.70
	12H	15.98	16.83	16.70	17.55	18.43	20.28	21.13	21.00	21.86	22.73
4H	2H	16.22	17.23	16.91	17.93	18.77	18.44	19.45	19.14	20.15	20.99
	3H	17.27	18.12	17.99	18.86	19.71	19.98	20.83	20.69	21.57	22.42
	4H	17.56	18.33	18.29	19.07	19.96	20.53	21.30	21.26	22.04	22.92
	6H	17.71	18.37	18.45	19.14	20.03	20.92	21.58	21.66	22.35	23.24
	8H	17.72	18.34	18.47	19.11	20.01	21.04	21.66	21.79	22.42	23.32
	12H	17.70	18.26	18.48	19.05	19.96	21.11	21.67	21.88	22.46	23.36
8H	4H	18.05	18.67	18.80	19.43	20.34	20.68	21.30	21.43	22.06	22.97
	6H	18.32	18.84	19.10	19.64	20.55	21.13	21.65	21.92	22.45	23.36
	8H	18.37	18.83	19.16	19.63	20.55	21.29	21.75	22.09	22.56	23.48
	12H	18.37	18.77	19.16	19.57	20.55	21.41	21.82	22.21	22.61	23.59
12H	4H	18.07	18.63	18.84	19.42	20.32	20.66	21.22	21.43	22.00	22.91
	6H	18.39	18.85	19.18	19.65	20.57	21.13	21.59	21.93	22.40	23.32
	8H	18.47	18.88	19.27	19.67	20.65	21.31	21.72	22.11	22.51	23.49