

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: P934121

Luminaire Tested: SQ4-FA-025U-125D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

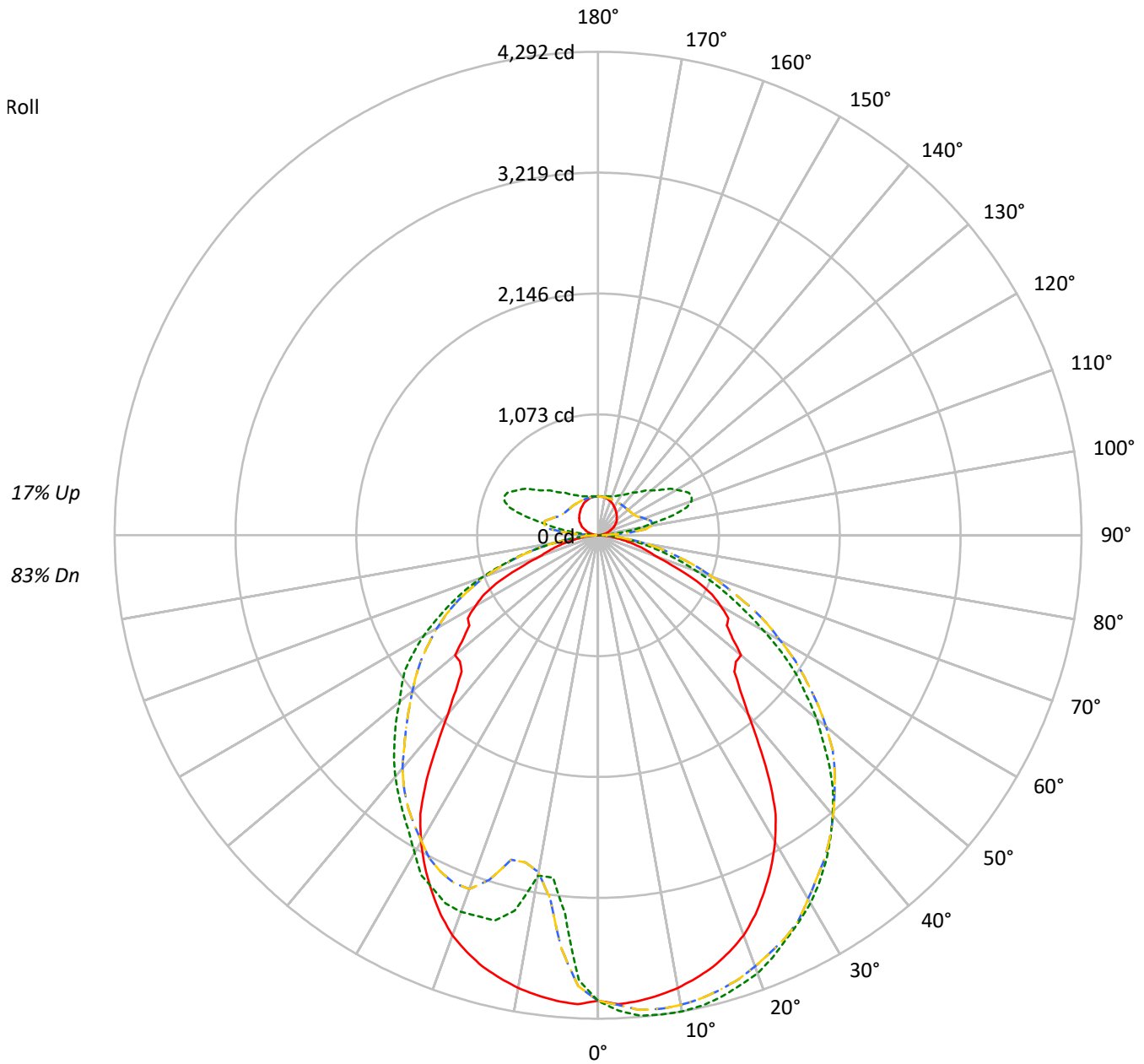
Test Method: LM-79-2019  
Report Number: P934121  
REPORT IS A COMBINATION OF REPORTS P933685 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-927-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12949.1 lumens  
Efficiency: N/A  
Efficacy: 87.0 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): 148.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

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

	0°	90°	180°	270°
0°	12780	12780	12780	12780
5°	12880	12901	12880	10144
10°	12799	12708	12799	9085
15°	12664	12432	12664	10381
20°	12405	12106	12405	10403
25°	11867	11631	11867	10183
30°	11171	11236	11171	9699
35°	9964	10736	9964	9167
40°	8307	10148	8307	8765
45°	7427	9460	7427	8303
50°	7897	8639	7897	7839
55°	7437	7754	7437	7570
60°	7676	6586	7676	6934
65°	6970	5444	6970	6085
70°	4838	4338	4838	5101
75°	4258	3207	4258	3840
80°	3458	2120	3458	2309
85°	2025	1123	2025	954

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11376 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	373.0	2.9
10°-20°	1059.0	8.2
20°-30°	1637.0	12.6
30°-40°	1954.2	15.1
40°-50°	1965.6	15.2
50°-60°	1710.3	13.2
60°-70°	1212.6	9.4
70°-80°	641.6	5.0
80°-90°	161.1	1.2
90°-100°	168.0	1.3
100°-110°	441.8	3.4
110°-120°	458.1	3.5
120°-130°	367.4	2.8
130°-140°	288.3	2.2
140°-150°	221.3	1.7
150°-160°	159.4	1.2
160°-170°	97.5	0.8
170°-180°	32.9	0.3
0°-30°	3068.9	23.7
0°-40°	5023.0	38.8
0°-60°	8699.0	67.2
0°-90°	10714.3	82.7
90°-120°	1067.9	8.2
90°-150°	1944.9	15.0
90°-180°	2235.0	17.3
0°-180°	12949.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4132	4132	4132	4132	4132	
5°	4151	4280	4151	3366	4151	394
15°	3964	4241	3964	3542	3964	1115
25°	3491	3956	3491	3463	3491	1603
35°	2654	3530	2654	3014	2654	1642
45°	1712	2908	1712	2553	1712	1372
55°	1396	2146	1396	2095	1396	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
90°	2	9	2	9	2	5
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°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4167.0	4167.0	4190.4	4198.3	4198.3	4186.5	4174.8	4186.5	4221.7	4233.5	4229.5
5°	4151.3	4182.6	4225.6	4233.5	4241.2	4237.3	4229.5	4237.3	4276.4	4284.3	4288.1
7.5°	4120.0	4178.7	4233.5	4245.2	4256.9	4245.2	4241.2	4249.1	4288.1	4296.0	4296.0
10°	4081.0	4163.1	4225.6	4233.5	4245.2	4233.5	4233.5	4249.1	4288.1	4296.0	4299.9
12.5°	4026.3	4139.6	4198.3	4206.0	4221.7	4217.8	4213.9	4229.5	4268.6	4276.4	4276.4
15°	3963.7	4096.6	4151.3	4159.2	4186.5	4178.7	4178.7	4194.3	4237.3	4249.1	4245.2
17.5°	3877.7	4041.9	4104.4	4116.2	4135.7	4131.8	4135.7	4151.3	4190.4	4198.3	4202.1
20°	3780.0	3967.6	4041.9	4053.6	4073.1	4073.1	4073.1	4092.7	4131.8	4147.5	4147.5
22.5°	3647.1	3889.4	3967.6	3975.4	3998.9	3998.9	4006.7	4034.0	4069.2	4073.1	4073.1
25°	3490.7	3803.4	3869.9	3893.4	3916.8	3928.5	3940.2	3955.9	3967.6	3963.7	3967.6
27.5°	3326.6	3694.0	3780.0	3795.6	3826.9	3838.6	3854.2	3858.2	3862.1	3873.8	3866.0
30°	3142.8	3541.5	3670.5	3686.1	3737.0	3744.8	3729.2	3737.0	3756.5	3764.4	3772.2
32.5°	2935.6	3314.8	3557.2	3592.4	3639.3	3615.8	3611.9	3623.6	3654.9	3654.9	3662.7
35°	2654.2	3138.9	3451.6	3482.9	3518.1	3490.7	3506.3	3510.3	3529.8	3541.5	3537.6
37.5°	2345.4	2986.4	3342.2	3365.7	3393.0	3357.8	3381.3	3393.0	3408.6	3400.8	3400.8
40°	2071.8	2748.0	3213.2	3228.8	3252.2	3224.9	3248.4	3256.2	3264.0	3256.2	3252.2
42.5°	1868.5	2486.1	3076.4	3095.9	3080.3	3099.8	3107.6	3123.3	3111.6	3095.9	3095.9
45°	1712.1	2415.7	2927.8	2951.3	2927.8	2959.1	2970.8	2970.8	2935.6	2927.8	2923.9
47.5°	1661.4	2275.0	2779.3	2779.3	2767.5	2806.6	2826.2	2798.8	2763.7	2751.9	2751.9
50°	1657.4	2118.7	2576.0	2560.4	2615.1	2662.0	2642.5	2615.1	2587.7	2544.8	2544.8
52.5°	1505.0	1927.2	2314.1	2372.8	2458.8	2486.1	2454.8	2427.5	2380.5	2361.1	2345.4
55°	1395.5	1727.8	2075.7	2193.0	2282.8	2318.0	2259.4	2232.0	2161.7	2149.9	2142.1
57.5°	1372.1	1438.5	1856.8	2005.3	2114.7	2110.9	2075.7	2024.9	1966.2	1954.5	1950.6
60°	1258.7	1039.8	1622.2	1798.1	1911.5	1899.7	1868.5	1821.6	1766.8	1759.1	1751.2
62.5°	1141.4	754.4	1356.4	1555.8	1716.0	1712.1	1684.8	1614.4	1575.3	1555.8	1540.2
65°	969.4	633.2	965.5	1293.9	1524.5	1532.3	1473.7	1422.9	1379.8	1356.4	1352.5
67.5°	738.8	516.0	652.8	1078.8	1340.8	1332.9	1258.7	1235.2	1180.5	1168.8	1145.3
70°	547.2	344.0	453.5	875.6	1160.9	1141.4	1082.8	1055.4	1004.6	977.2	961.6
72.5°	453.5	277.5	332.3	680.1	977.2	953.8	903.0	871.7	828.7	805.3	789.6
75°	367.4	293.1	254.1	504.3	793.5	777.9	731.0	699.7	664.5	633.2	637.2
77.5°	269.7	273.7	203.3	371.4	629.3	605.9	578.5	539.5	523.8	492.6	492.6
80°	203.3	215.0	152.5	254.1	453.5	453.5	430.0	402.6	375.3	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.8	297.1	281.4	273.7	258.0	250.2	250.2
85°	62.5	78.2	70.4	97.7	168.1	175.9	175.9	168.1	164.2	156.4	160.2
87.5°	19.6	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
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°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4237.3	4225.6	4237.3	4229.5	4233.5	4221.7	4186.5	4174.8	4186.5	4198.3	4198.3
5°	4288.1	4280.4	4288.1	4288.1	4284.3	4276.4	4237.3	4229.5	4237.3	4241.2	4233.5
7.5°	4303.8	4292.1	4303.8	4296.0	4296.0	4288.1	4249.1	4241.2	4245.2	4256.9	4245.2
10°	4303.8	4292.1	4303.8	4299.9	4296.0	4288.1	4249.1	4233.5	4233.5	4245.2	4233.5
12.5°	4284.3	4276.4	4284.3	4276.4	4276.4	4268.6	4229.5	4213.9	4217.8	4221.7	4206.0
15°	4252.9	4241.2	4252.9	4245.2	4249.1	4237.3	4194.3	4178.7	4178.7	4186.5	4159.2
17.5°	4206.0	4190.4	4206.0	4202.1	4198.3	4190.4	4151.3	4135.7	4131.8	4135.7	4116.2
20°	4151.3	4139.6	4151.3	4147.5	4147.5	4131.8	4092.7	4073.1	4073.1	4073.1	4053.6
22.5°	4065.4	4053.6	4065.4	4073.1	4073.1	4069.2	4034.0	4006.7	3998.9	3998.9	3975.4
25°	3967.6	3955.9	3967.6	3967.6	3963.7	3967.6	3955.9	3940.2	3928.5	3916.8	3893.4
27.5°	3873.8	3866.0	3873.8	3866.0	3873.8	3862.1	3858.2	3854.2	3838.6	3826.9	3795.6
30°	3780.0	3772.2	3780.0	3772.2	3764.4	3756.5	3737.0	3729.2	3744.8	3737.0	3686.1
32.5°	3662.7	3654.9	3662.7	3662.7	3654.9	3654.9	3623.6	3611.9	3615.8	3639.3	3592.4
35°	3541.5	3529.8	3541.5	3537.6	3541.5	3529.8	3510.3	3506.3	3490.7	3518.1	3482.9
37.5°	3400.8	3389.1	3400.8	3400.8	3400.8	3408.6	3393.0	3381.3	3357.8	3393.0	3365.7
40°	3256.2	3240.5	3256.2	3252.2	3256.2	3264.0	3256.2	3248.4	3224.9	3252.2	3228.8
42.5°	3092.0	3088.1	3092.0	3095.9	3095.9	3111.6	3123.3	3107.6	3099.8	3080.3	3095.9
45°	2916.1	2908.3	2916.1	2923.9	2927.8	2935.6	2970.8	2970.8	2959.1	2927.8	2951.3
47.5°	2728.5	2708.9	2728.5	2751.9	2751.9	2763.7	2798.8	2826.2	2806.6	2767.5	2779.3
50°	2529.1	2533.0	2529.1	2544.8	2544.8	2587.7	2615.1	2642.5	2662.0	2615.1	2560.4
52.5°	2333.6	2329.8	2333.6	2345.4	2361.1	2380.5	2427.5	2454.8	2486.1	2458.8	2372.8
55°	2138.2	2146.1	2138.2	2142.1	2149.9	2161.7	2232.0	2259.4	2318.0	2282.8	2193.0
57.5°	1942.8	1931.0	1942.8	1950.6	1954.5	1966.2	2024.9	2075.7	2110.9	2114.7	2005.3
60°	1716.0	1700.4	1716.0	1751.2	1759.1	1766.8	1821.6	1868.5	1899.7	1911.5	1798.1
62.5°	1516.7	1489.3	1516.7	1540.2	1555.8	1575.3	1614.4	1684.8	1712.1	1716.0	1555.8
65°	1305.6	1293.9	1305.6	1352.5	1356.4	1379.8	1422.9	1473.7	1532.3	1524.5	1293.9
67.5°	1114.0	1114.0	1114.0	1145.3	1168.8	1180.5	1235.2	1258.7	1332.9	1340.8	1078.8
70°	938.2	934.2	938.2	961.6	977.2	1004.6	1055.4	1082.8	1141.4	1160.9	875.6
72.5°	770.1	766.2	770.1	789.6	805.3	828.7	871.7	903.0	953.8	977.2	680.1
75°	621.5	613.7	621.5	637.2	633.2	664.5	699.7	731.0	777.9	793.5	504.3
77.5°	476.9	476.9	476.9	492.6	492.6	523.8	539.5	578.5	605.9	629.3	371.4
80°	355.7	351.8	355.7	359.6	359.6	375.3	402.6	430.0	453.5	453.5	254.1
82.5°	250.2	242.3	250.2	250.2	250.2	258.0	273.7	281.4	297.1	308.8	160.2
85°	156.4	156.4	156.4	160.2	156.4	164.2	168.1	175.9	175.9	168.1	97.7
87.5°	101.6	97.7	101.6	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
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: P934121

CATALOG NUMBER: SQ4-FA-025U-125D-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: P934121

CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4190.4	4167.0	4167.0	4127.9	4112.3	4100.6	4081.0	4022.3	4006.7	3991.1	4014.5
5°	4225.6	4182.6	4151.3	4081.0	4022.3	3998.9	3924.6	3783.9	3690.1	3619.7	3580.7
7.5°	4233.5	4178.7	4120.0	4010.6	3869.9	3807.3	3580.7	3322.6	3252.2	3189.7	3150.6
10°	4225.6	4163.1	4081.0	3916.8	3584.5	3475.1	3248.4	3080.3	3037.3	3025.6	3037.3
12.5°	4198.3	4139.6	4026.3	3752.6	3287.4	3213.2	3080.3	2982.5	2974.7	2994.3	3099.8
15°	4151.3	4096.6	3963.7	3533.7	3123.3	3068.5	2974.7	2939.6	2982.5	3119.3	3436.0
17.5°	4104.4	4041.9	3877.7	3318.7	2998.2	2959.1	2892.7	2963.0	3205.4	3389.1	3494.6
20°	4041.9	3967.6	3780.0	3162.4	2908.3	2873.1	2841.8	3158.5	3342.2	3408.6	3467.2
22.5°	3967.6	3889.4	3647.1	3052.9	2814.5	2787.1	2806.6	3267.9	3342.2	3389.1	3439.9
25°	3869.9	3803.4	3490.7	2966.9	2740.2	2708.9	2783.2	3256.2	3299.1	3310.9	3412.6
27.5°	3780.0	3694.0	3326.6	2888.7	2650.3	2638.6	2802.7	3205.4	3236.6	3248.4	3357.8
30°	3670.5	3541.5	3142.8	2806.6	2556.5	2552.6	2806.6	3142.8	3135.0	3166.2	3275.7
32.5°	3557.2	3314.8	2935.6	2705.0	2466.5	2462.7	2779.3	3049.0	3041.2	3084.2	3166.2
35°	3451.6	3138.9	2654.2	2587.7	2353.2	2357.1	2712.9	2939.6	2943.5	2982.5	3033.3
37.5°	3342.2	2986.4	2345.4	2458.8	2243.8	2243.8	2622.9	2837.9	2830.1	2841.8	2912.2
40°	3213.2	2748.0	2071.8	2290.7	2142.1	2130.4	2513.5	2728.5	2701.1	2697.2	2794.9
42.5°	3076.4	2486.1	1868.5	2067.8	2024.9	2009.2	2380.5	2595.6	2544.8	2556.5	2681.5
45°	2927.8	2415.7	1712.1	1747.3	1903.7	1892.0	2235.9	2443.1	2407.9	2439.2	2568.2
47.5°	2779.3	2275.0	1661.4	1450.2	1774.7	1770.8	2075.7	2294.6	2275.0	2306.3	2443.1
50°	2576.0	2118.7	1657.4	1243.1	1630.0	1645.6	1884.1	2149.9	2149.9	2177.3	2321.9
52.5°	2314.1	1927.2	1505.0	1125.8	1461.9	1508.9	1716.0	2024.9	2032.6	2060.1	2189.0
55°	2075.7	1727.8	1395.5	1035.9	1262.6	1364.2	1551.9	1895.8	1911.5	1938.9	2056.1
57.5°	1856.8	1438.5	1372.1	930.3	1078.8	1176.6	1407.3	1770.8	1778.6	1802.0	1915.4
60°	1622.2	1039.8	1258.7	817.0	918.6	992.9	1274.4	1622.2	1649.6	1665.2	1762.9
62.5°	1356.4	754.4	1141.4	738.8	840.5	856.1	1164.9	1481.5	1516.7	1528.4	1587.0
65°	965.5	633.2	969.4	672.4	758.4	762.2	1047.6	1336.9	1368.1	1387.7	1430.7
67.5°	652.8	516.0	738.8	609.8	695.8	699.7	934.2	1168.8	1211.7	1227.5	1254.8
70°	453.5	344.0	547.2	543.3	625.5	633.2	813.0	1016.3	1055.4	1067.1	1082.8
72.5°	332.3	277.5	453.5	488.6	551.2	559.0	688.0	844.3	883.4	895.1	903.0
75°	254.1	293.1	367.4	426.0	469.1	473.0	562.9	688.0	715.3	723.2	727.0
77.5°	203.3	273.7	269.7	344.0	383.1	375.3	441.7	531.6	555.1	555.1	555.1
80°	152.5	215.0	203.3	246.2	281.4	273.7	316.6	379.1	387.0	394.8	390.9
82.5°	113.3	136.8	136.8	156.4	187.6	179.8	211.1	246.2	246.2	246.2	254.1
85°	70.4	78.2	62.5	82.1	105.6	101.6	117.3	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.6	31.3	46.9	46.9	54.7	58.6	54.7	54.7	54.7
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: P934121

CATALOG NUMBER: SQ4-FA-025U-125D-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: P934121  
 CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	3987.1	3975.4	3991.1	3948.1	3991.1	3975.4	3987.1	4014.5	3991.1	4006.7	4022.3
5°	3498.6	3479.0	3416.4	3365.7	3416.4	3479.0	3498.6	3580.7	3619.7	3690.1	3783.9
7.5°	3127.2	3111.6	3095.9	3064.7	3095.9	3111.6	3127.2	3150.6	3189.7	3252.2	3322.6
10°	3045.1	3049.0	3072.5	3068.5	3072.5	3049.0	3045.1	3037.3	3025.6	3037.3	3080.3
12.5°	3256.2	3291.4	3420.3	3412.6	3420.3	3291.4	3256.2	3099.8	2994.3	2974.7	2982.5
15°	3498.6	3510.3	3537.6	3541.5	3537.6	3510.3	3498.6	3436.0	3119.3	2982.5	2939.6
17.5°	3522.0	3525.9	3545.5	3545.5	3545.5	3525.9	3522.0	3494.6	3389.1	3205.4	2963.0
20°	3502.4	3510.3	3549.4	3557.2	3549.4	3510.3	3502.4	3467.2	3408.6	3342.2	3158.5
22.5°	3494.6	3510.3	3541.5	3537.6	3541.5	3510.3	3494.6	3439.9	3389.1	3342.2	3267.9
25°	3455.5	3455.5	3459.5	3463.4	3459.5	3455.5	3455.5	3412.6	3310.9	3299.1	3256.2
27.5°	3373.4	3381.3	3404.7	3400.8	3404.7	3381.3	3373.4	3357.8	3248.4	3236.6	3205.4
30°	3299.1	3291.4	3271.8	3256.2	3271.8	3291.4	3299.1	3275.7	3166.2	3135.0	3142.8
32.5°	3174.1	3154.5	3135.0	3123.3	3135.0	3154.5	3174.1	3166.2	3084.2	3041.2	3049.0
35°	3025.6	3029.5	3025.6	3013.9	3025.6	3029.5	3025.6	3033.3	2982.5	2943.5	2939.6
37.5°	2920.0	2927.8	2923.9	2908.3	2923.9	2927.8	2920.0	2912.2	2841.8	2830.1	2837.9
40°	2810.6	2814.5	2810.6	2798.8	2810.6	2814.5	2810.6	2794.9	2697.2	2701.1	2728.5
42.5°	2705.0	2701.1	2689.4	2681.5	2689.4	2701.1	2705.0	2681.5	2556.5	2544.8	2595.6
45°	2583.8	2587.7	2564.3	2552.6	2564.3	2587.7	2583.8	2568.2	2439.2	2407.9	2443.1
47.5°	2462.7	2462.7	2443.1	2431.4	2443.1	2462.7	2462.7	2443.1	2306.3	2275.0	2294.6
50°	2333.6	2329.8	2302.4	2298.5	2302.4	2329.8	2333.6	2321.9	2177.3	2149.9	2149.9
52.5°	2185.1	2185.1	2189.0	2196.8	2189.0	2185.1	2185.1	2189.0	2060.1	2032.6	2024.9
55°	2056.1	2060.1	2087.4	2095.2	2087.4	2060.1	2056.1	2056.1	1938.9	1911.5	1895.8
57.5°	1923.2	1923.2	1942.8	1942.8	1942.8	1923.2	1923.2	1915.4	1802.0	1778.6	1770.8
60°	1770.8	1778.6	1794.3	1790.3	1794.3	1778.6	1770.8	1762.9	1665.2	1649.6	1622.2
62.5°	1610.5	1618.3	1622.2	1614.4	1622.2	1618.3	1610.5	1587.0	1528.4	1516.7	1481.5
65°	1442.4	1450.2	1454.1	1446.3	1454.1	1450.2	1442.4	1430.7	1387.7	1368.1	1336.9
67.5°	1270.4	1266.5	1262.6	1278.2	1262.6	1266.5	1270.4	1254.8	1227.5	1211.7	1168.8
70°	1094.5	1094.5	1090.6	1098.4	1090.6	1094.5	1094.5	1082.8	1067.1	1055.4	1016.3
72.5°	906.9	903.0	918.6	906.9	918.6	903.0	906.9	903.0	895.1	883.4	844.3
75°	723.2	731.0	723.2	734.9	723.2	731.0	723.2	727.0	723.2	715.3	688.0
77.5°	551.2	559.0	551.2	551.2	551.2	559.0	551.2	555.1	555.1	555.1	531.6
80°	390.9	387.0	387.0	383.1	387.0	387.0	390.9	390.9	394.8	387.0	379.1
82.5°	250.2	246.2	246.2	254.1	246.2	246.2	250.2	254.1	246.2	246.2	246.2
85°	136.8	140.8	132.9	132.9	132.9	140.8	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.6
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°	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4081.0	4100.6	4112.3	4127.9	4167.0
5°	3924.6	3998.9	4022.3	4081.0	4151.3
7.5°	3580.7	3807.3	3869.9	4010.6	4120.0
10°	3248.4	3475.1	3584.5	3916.8	4081.0
12.5°	3080.3	3213.2	3287.4	3752.6	4026.3
15°	2974.7	3068.5	3123.3	3533.7	3963.7
17.5°	2892.7	2959.1	2998.2	3318.7	3877.7
20°	2841.8	2873.1	2908.3	3162.4	3780.0
22.5°	2806.6	2787.1	2814.5	3052.9	3647.1
25°	2783.2	2708.9	2740.2	2966.9	3490.7
27.5°	2802.7	2638.6	2650.3	2888.7	3326.6
30°	2806.6	2552.6	2556.5	2806.6	3142.8
32.5°	2779.3	2462.7	2466.5	2705.0	2935.6
35°	2712.9	2357.1	2353.2	2587.7	2654.2
37.5°	2622.9	2243.8	2243.8	2458.8	2345.4
40°	2513.5	2130.4	2142.1	2290.7	2071.8
42.5°	2380.5	2009.2	2024.9	2067.8	1868.5
45°	2235.9	1892.0	1903.7	1747.3	1712.1
47.5°	2075.7	1770.8	1774.7	1450.2	1661.4
50°	1884.1	1645.6	1630.0	1243.1	1657.4
52.5°	1716.0	1508.9	1461.9	1125.8	1505.0
55°	1551.9	1364.2	1262.6	1035.9	1395.5
57.5°	1407.3	1176.6	1078.8	930.3	1372.1
60°	1274.4	992.9	918.6	817.0	1258.7
62.5°	1164.9	856.1	840.5	738.8	1141.4
65°	1047.6	762.2	758.4	672.4	969.4
67.5°	934.2	699.7	695.8	609.8	738.8
70°	813.0	633.2	625.5	543.3	547.2
72.5°	688.0	559.0	551.2	488.6	453.5
75°	562.9	473.0	469.1	426.0	367.4
77.5°	441.7	375.3	383.1	344.0	269.7
80°	316.6	273.7	281.4	246.2	203.3
82.5°	211.1	179.8	187.6	156.4	136.8
85°	117.3	101.6	105.6	82.1	62.5
87.5°	54.7	46.9	46.9	31.3	19.6
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: P934121

CATALOG NUMBER: SQ4-FA-025U-125D-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: P934121  
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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	16.28	17.53	16.89	18.16	18.87	19.13	20.39	19.74	21.01	21.72
	3H	16.78	17.91	17.41	18.55	19.30	20.51	21.64	21.14	22.28	23.02
	4H	16.99	18.06	17.64	18.70	19.47	20.97	22.04	21.62	22.69	23.45
	6H	17.13	18.11	17.79	18.77	19.55	21.28	22.27	21.95	22.93	23.70
	8H	17.14	18.08	17.81	18.76	19.54	21.37	22.31	22.05	22.99	23.77
	12H	17.13	18.02	17.80	18.70	19.50	21.43	22.33	22.11	23.00	23.81
4H	2H	17.36	18.43	18.01	19.07	19.84	19.58	20.65	20.23	21.30	22.06
	3H	18.42	19.31	19.09	20.00	20.78	21.13	22.02	21.79	22.71	23.49
	4H	18.72	19.52	19.40	20.21	21.02	21.68	22.49	22.36	23.18	23.99
	6H	18.86	19.56	19.56	20.28	21.10	22.07	22.77	22.77	23.49	24.31
	8H	18.88	19.53	19.58	20.25	21.08	22.19	22.85	22.90	23.56	24.39
	12H	18.86	19.45	19.59	20.19	21.03	22.27	22.86	23.00	23.60	24.43
8H	4H	19.20	19.86	19.91	20.57	21.40	21.83	22.49	22.54	23.20	24.03
	6H	19.48	20.02	20.22	20.78	21.62	22.29	22.83	23.03	23.59	24.43
	8H	19.53	20.01	20.28	20.77	21.62	22.45	22.94	23.20	23.69	24.55
	12H	19.53	19.96	20.28	20.70	21.62	22.57	23.00	23.32	23.75	24.66
12H	4H	19.23	19.82	19.96	20.56	21.39	21.82	22.41	22.54	23.14	23.98
	6H	19.55	20.03	20.30	20.79	21.64	22.29	22.78	23.04	23.54	24.39
	8H	19.63	20.06	20.38	20.81	21.72	22.48	22.90	23.23	23.65	24.56