

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: P934113

Luminaire Tested: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934113
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-835-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

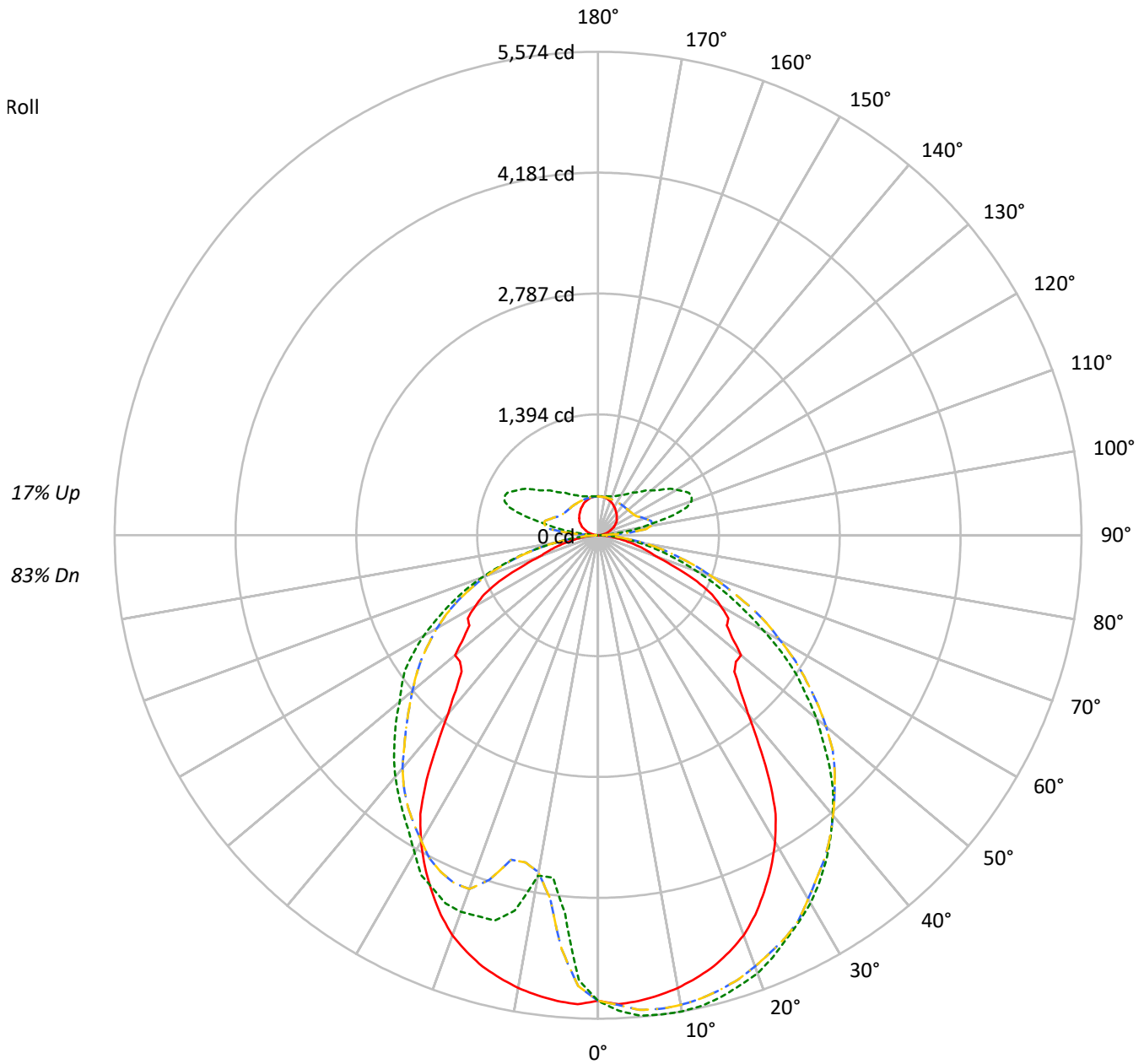
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16817.0 lumens
Efficiency: N/A
Efficacy: 113.0 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

TEST NUMBER: P934113
CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

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	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°	16597	16597	16597	16597
5°	16727	16754	16727	13174
10°	16622	16504	16622	11799
15°	16447	16146	16447	13482
20°	16110	15723	16110	13510
25°	15412	15105	15412	13224
30°	14508	14592	14508	12596
35°	12940	13943	12940	11905
40°	10788	13179	10788	11383
45°	9646	12285	9646	10783
50°	10256	11219	10256	10180
55°	9658	10070	9658	9832
60°	9969	8553	9969	9005
65°	9053	7070	9053	7903
70°	6283	5634	6283	6625
75°	5531	4165	5531	4987
80°	4490	2754	4490	2998
85°	2631	1459	2631	1240

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14775 cd/sqm



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.4	2.9
10°-20°	1375.3	8.2
20°-30°	2125.9	12.6
30°-40°	2537.9	15.1
40°-50°	2552.8	15.2
50°-60°	2221.2	13.2
60°-70°	1574.9	9.4
70°-80°	833.2	5.0
80°-90°	209.2	1.2
90°-100°	218.2	1.3
100°-110°	573.7	3.4
110°-120°	594.9	3.5
120°-130°	477.2	2.8
130°-140°	374.4	2.2
140°-150°	287.4	1.7
150°-160°	207.0	1.2
160°-170°	126.6	0.8
170°-180°	42.8	0.3
0°-30°	3985.6	23.7
0°-40°	6523.4	38.8
0°-60°	11297.4	67.2
0°-90°	13914.7	82.7
90°-120°	1386.9	8.2
90°-150°	2525.9	15.0
90°-180°	2902.0	17.3
0°-180°	16817.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5366	5366	5366	5366	5366	
5°	5391	5559	5391	4371	5391	511
15°	5148	5508	5148	4599	5148	1448
25°	4533	5138	4533	4498	4533	2082
35°	3447	4584	3447	3914	3447	2133
45°	2224	3777	2224	3315	2224	1781
55°	1812	2787	1812	2721	1812	1665
65°	1259	1680	1259	1878	1259	1203
75°	477	797	477	954	477	502
85°	81	203	81	173	81	110
90°	3	11	3	11	3	6
95°	29	132	29	132	29	32
105°	103	898	103	898	103	110
115°	184	1157	184	1157	184	181
125°	255	921	255	921	255	227
135°	304	715	304	715	304	236
145°	353	580	353	580	353	221
155°	399	499	399	499	399	183
165°	431	465	431	465	431	122
175°	448	451	448	451	448	42
180°	448	448	448	448	448	



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0
2.5°	5411.7	5411.7	5442.1	5452.3	5452.3	5437.0	5421.8	5437.0	5482.7	5498.0	5492.9
5°	5391.3	5432.0	5487.8	5498.0	5508.1	5503.0	5492.9	5503.0	5553.8	5564.0	5569.0
7.5°	5350.7	5426.9	5498.0	5513.2	5528.4	5513.2	5508.1	5518.3	5569.0	5579.2	5579.2
10°	5300.0	5406.6	5487.8	5498.0	5513.2	5498.0	5498.0	5518.3	5569.0	5579.2	5584.3
12.5°	5228.9	5376.1	5452.3	5462.4	5482.7	5477.6	5472.6	5492.9	5543.6	5553.8	5553.8
15°	5147.7	5320.3	5391.3	5401.5	5437.0	5426.9	5426.9	5447.2	5503.0	5518.3	5513.2
17.5°	5036.0	5249.2	5330.4	5345.7	5371.0	5366.0	5371.0	5391.3	5442.1	5452.3	5457.3
20°	4909.1	5152.7	5249.2	5264.4	5289.8	5289.8	5289.8	5315.2	5366.0	5386.3	5386.3
22.5°	4736.5	5051.2	5152.7	5162.9	5193.4	5193.4	5203.5	5239.0	5284.7	5289.8	5289.8
25°	4533.4	4939.5	5025.8	5056.3	5086.8	5102.0	5117.2	5137.5	5152.7	5147.7	5152.7
27.5°	4320.2	4797.4	4909.1	4929.4	4970.0	4985.2	5005.5	5010.6	5015.7	5030.9	5020.8
30°	4081.6	4599.4	4766.9	4787.2	4853.2	4863.4	4843.1	4853.2	4878.6	4888.8	4898.9
32.5°	3812.5	4305.0	4619.7	4665.4	4726.3	4695.9	4690.8	4706.0	4746.6	4746.6	4756.8
35°	3447.0	4076.5	4482.6	4523.2	4568.9	4533.4	4553.7	4558.8	4584.2	4599.4	4594.3
37.5°	3046.0	3878.5	4340.5	4371.0	4406.5	4360.8	4391.3	4406.5	4426.8	4416.6	4416.6
40°	2690.6	3568.8	4173.0	4193.3	4223.7	4188.2	4218.7	4228.8	4239.0	4228.8	4223.7
42.5°	2426.6	3228.7	3995.3	4020.7	4000.4	4025.7	4035.9	4056.2	4041.0	4020.7	4020.7
45°	2223.5	3137.3	3802.4	3832.8	3802.4	3843.0	3858.2	3858.2	3812.5	3802.4	3797.3
47.5°	2157.6	2954.6	3609.5	3609.5	3594.2	3645.0	3670.4	3634.8	3589.2	3573.9	3573.9
50°	2152.5	2751.5	3345.5	3325.2	3396.2	3457.2	3431.8	3396.2	3360.7	3304.9	3304.9
52.5°	1954.5	2502.8	3005.3	3081.5	3193.2	3228.7	3188.1	3152.6	3091.6	3066.3	3046.0
55°	1812.3	2243.9	2695.7	2848.0	2964.7	3010.4	2934.3	2898.7	2807.4	2792.1	2782.0
57.5°	1781.9	1868.2	2411.4	2604.3	2746.4	2741.4	2695.7	2629.7	2553.5	2538.3	2533.2
60°	1634.7	1350.4	2106.8	2335.2	2482.5	2467.2	2426.6	2365.7	2294.6	2284.5	2274.3
62.5°	1482.4	979.8	1761.6	2020.5	2228.6	2223.5	2188.0	2096.6	2045.9	2020.5	2000.2
65°	1259.0	822.4	1253.9	1680.4	1979.9	1990.0	1913.9	1847.9	1792.0	1761.6	1756.5
67.5°	959.5	670.1	847.8	1401.1	1741.3	1731.1	1634.7	1604.2	1533.1	1517.9	1487.4
70°	710.7	446.7	588.9	1137.2	1507.7	1482.4	1406.2	1370.7	1304.7	1269.1	1248.8
72.5°	588.9	360.4	431.5	883.3	1269.1	1238.7	1172.7	1132.1	1076.2	1045.8	1025.5
75°	477.2	380.7	330.0	654.9	1030.5	1010.2	949.3	908.7	863.0	822.4	827.5
77.5°	350.3	355.4	264.0	482.3	817.3	786.9	751.3	700.6	680.3	639.7	639.7
80°	264.0	279.2	198.0	330.0	588.9	588.9	558.4	522.9	487.4	467.0	467.0
82.5°	177.7	177.7	147.2	208.1	401.1	385.8	365.5	355.4	335.1	324.9	324.9
85°	81.2	101.5	91.4	126.9	218.3	228.4	228.4	218.3	213.2	203.1	208.1
87.5°	25.4	45.7	55.8	71.1	111.7	116.8	121.8	121.8	121.8	126.9	126.9
90°	3.0	5.4	7.8	8.4	13.2	19.6	22.8	20.3	15.2	11.4	11.4
92.5°	12.0	32.4	52.9	58.0	81.5	112.9	128.6	112.7	80.9	57.1	54.8
95°	28.8	66.2	103.6	113.0	200.6	317.5	375.9	335.4	254.5	193.8	186.9
97.5°	49.9	82.9	115.9	124.1	270.2	465.1	562.5	536.9	485.8	447.4	434.3
100°	66.1	96.0	125.9	133.4	295.6	511.8	619.9	621.8	625.5	628.3	612.7
102.5°	79.9	107.8	135.7	142.7	307.2	526.5	636.1	668.7	733.8	782.7	769.3
105°	103.4	127.0	150.6	156.5	315.8	528.1	634.3	707.3	853.4	963.0	955.8
107.5°	127.4	149.4	171.5	177.0	317.4	504.6	598.2	700.1	903.9	1056.8	1058.5
110°	143.6	163.5	183.4	188.4	315.0	483.8	568.2	682.1	909.9	1080.8	1088.3



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	159.6	178.5	197.5	202.2	315.1	465.6	540.9	657.5	890.6	1065.5	1077.0
115°	183.6	201.1	218.6	223.0	318.0	444.7	508.1	620.4	845.0	1013.5	1029.4
117.5°	207.3	223.2	239.1	243.1	323.9	431.7	485.6	587.0	789.7	941.7	959.4
120°	221.1	236.1	251.1	254.8	328.7	427.2	476.5	569.1	754.4	893.3	910.5
122.5°	234.7	249.8	264.8	268.6	335.6	424.9	469.6	553.0	719.8	844.9	861.8
125°	255.4	269.2	283.0	286.4	345.0	423.1	462.1	532.9	674.6	780.9	796.5
127.5°	272.2	286.1	300.0	303.5	354.3	422.0	455.8	516.6	638.3	729.5	742.7
130°	281.2	296.2	311.2	314.9	361.1	422.6	453.4	507.6	615.9	697.1	709.3
132.5°	290.6	305.5	320.5	324.2	366.6	423.1	451.3	499.8	596.8	669.5	680.4
135°	304.4	318.0	331.6	335.0	372.6	422.7	447.7	488.3	569.5	630.4	639.8
137.5°	318.5	332.0	345.4	348.8	381.6	425.3	447.1	481.4	550.0	601.5	609.2
140°	330.2	342.6	355.1	358.2	387.1	425.7	445.0	474.6	533.9	578.4	585.6
142.5°	339.2	350.7	362.2	365.1	391.7	427.2	445.0	471.0	523.1	562.2	568.4
145°	353.1	363.1	373.1	375.6	397.7	427.2	442.0	463.3	505.9	537.8	542.5
147.5°	366.9	376.6	386.4	388.8	406.5	430.2	442.0	458.8	492.3	517.4	521.3
150°	375.9	384.7	393.5	395.7	411.1	431.7	442.0	456.2	484.5	505.7	508.8
152.5°	385.2	391.9	398.5	400.2	414.1	432.7	442.0	454.1	478.3	496.4	498.8
155°	399.0	403.9	408.9	410.1	420.7	434.9	442.0	451.6	470.9	485.3	486.9
157.5°	409.2	414.0	418.9	420.1	427.4	437.1	442.0	449.5	464.4	475.6	476.7
160°	416.2	419.9	423.7	424.6	430.4	438.1	442.0	448.4	461.2	470.8	471.4
162.5°	423.1	425.9	428.7	429.4	433.6	439.2	442.0	447.4	458.2	466.3	466.9
165°	430.6	433.1	435.7	436.3	438.2	440.7	442.0	445.9	453.6	459.4	460.0
167.5°	437.5	438.7	439.9	440.2	441.8	443.9	445.0	447.5	452.6	456.4	456.7
170°	442.0	443.2	444.4	444.7	444.8	444.9	445.0	447.5	452.6	456.4	456.4
172.5°	444.4	444.7	444.9	445.0	445.0	445.0	445.0	447.0	451.0	454.0	453.8
175°	447.7	447.7	447.7	447.7	446.8	445.6	445.0	446.3	448.8	450.7	450.7
177.5°	447.7	447.7	447.7	447.7	447.0	446.1	445.6	446.6	448.6	450.1	449.8
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0
2.5°	5503.0	5487.8	5503.0	5492.9	5498.0	5482.7	5437.0	5421.8	5437.0	5452.3	5452.3
5°	5569.0	5558.9	5569.0	5569.0	5564.0	5553.8	5503.0	5492.9	5503.0	5508.1	5498.0
7.5°	5589.3	5574.1	5589.3	5579.2	5579.2	5569.0	5518.3	5508.1	5513.2	5528.4	5513.2
10°	5589.3	5574.1	5589.3	5584.3	5579.2	5569.0	5518.3	5498.0	5498.0	5513.2	5498.0
12.5°	5564.0	5553.8	5564.0	5553.8	5553.8	5543.6	5492.9	5472.6	5477.6	5482.7	5462.4
15°	5523.3	5508.1	5523.3	5513.2	5518.3	5503.0	5447.2	5426.9	5426.9	5437.0	5401.5
17.5°	5462.4	5442.1	5462.4	5457.3	5452.3	5442.1	5391.3	5371.0	5366.0	5371.0	5345.7
20°	5391.3	5376.1	5391.3	5386.3	5386.3	5366.0	5315.2	5289.8	5289.8	5289.8	5264.4
22.5°	5279.7	5264.4	5279.7	5289.8	5289.8	5284.7	5239.0	5203.5	5193.4	5193.4	5162.9
25°	5152.7	5137.5	5152.7	5152.7	5147.7	5152.7	5137.5	5117.2	5102.0	5086.8	5056.3
27.5°	5030.9	5020.8	5030.9	5020.8	5030.9	5015.7	5010.6	5005.5	4985.2	4970.0	4929.4
30°	4909.1	4898.9	4909.1	4898.9	4888.8	4878.6	4853.2	4843.1	4863.4	4853.2	4787.2
32.5°	4756.8	4746.6	4756.8	4756.8	4746.6	4746.6	4706.0	4690.8	4695.9	4726.3	4665.4
35°	4599.4	4584.2	4599.4	4594.3	4599.4	4584.2	4558.8	4553.7	4533.4	4568.9	4523.2
37.5°	4416.6	4401.4	4416.6	4416.6	4416.6	4426.8	4406.5	4391.3	4360.8	4406.5	4371.0
40°	4228.8	4208.5	4228.8	4223.7	4228.8	4239.0	4228.8	4218.7	4188.2	4223.7	4193.3
42.5°	4015.6	4010.5	4015.6	4020.7	4020.7	4041.0	4056.2	4035.9	4025.7	4000.4	4020.7
45°	3787.1	3777.0	3787.1	3797.3	3802.4	3812.5	3858.2	3858.2	3843.0	3802.4	3832.8
47.5°	3543.5	3518.1	3543.5	3573.9	3573.9	3589.2	3634.8	3670.4	3645.0	3594.2	3609.5
50°	3284.6	3289.6	3284.6	3304.9	3304.9	3360.7	3396.2	3431.8	3457.2	3396.2	3325.2
52.5°	3030.7	3025.7	3030.7	3046.0	3066.3	3091.6	3152.6	3188.1	3228.7	3193.2	3081.5
55°	2776.9	2787.1	2776.9	2782.0	2792.1	2807.4	2898.7	2934.3	3010.4	2964.7	2848.0
57.5°	2523.1	2507.8	2523.1	2533.2	2538.3	2553.5	2629.7	2695.7	2741.4	2746.4	2604.3
60°	2228.6	2208.3	2228.6	2274.3	2284.5	2294.6	2365.7	2426.6	2467.2	2482.5	2335.2
62.5°	1969.7	1934.2	1969.7	2000.2	2020.5	2045.9	2096.6	2188.0	2223.5	2228.6	2020.5
65°	1695.6	1680.4	1695.6	1756.5	1761.6	1792.0	1847.9	1913.9	1990.0	1979.9	1680.4
67.5°	1446.8	1446.8	1446.8	1487.4	1517.9	1533.1	1604.2	1634.7	1731.1	1741.3	1401.1
70°	1218.4	1213.3	1218.4	1248.8	1269.1	1304.7	1370.7	1406.2	1482.4	1507.7	1137.2
72.5°	1000.1	995.0	1000.1	1025.5	1045.8	1076.2	1132.1	1172.7	1238.7	1269.1	883.3
75°	807.2	797.0	807.2	827.5	822.4	863.0	908.7	949.3	1010.2	1030.5	654.9
77.5°	619.3	619.3	619.3	639.7	639.7	680.3	700.6	751.3	786.9	817.3	482.3
80°	462.0	456.9	462.0	467.0	467.0	487.4	522.9	558.4	588.9	588.9	330.0
82.5°	324.9	314.7	324.9	324.9	324.9	335.1	355.4	365.5	385.8	401.1	208.1
85°	203.1	203.1	203.1	208.1	203.1	213.2	218.3	228.4	228.4	218.3	126.9
87.5°	132.0	126.9	132.0	126.9	126.9	121.8	121.8	121.8	116.8	111.7	71.1
90°	11.4	11.4	11.4	11.4	11.4	15.2	20.3	22.8	19.6	13.2	8.4
92.5°	45.8	36.7	45.8	54.8	57.1	80.9	112.7	128.6	112.9	81.5	58.0
95°	159.4	131.9	159.4	186.9	193.8	254.5	335.4	375.9	317.5	200.6	113.0
97.5°	382.0	329.6	382.0	434.3	447.4	485.8	536.9	562.5	465.1	270.2	124.1
100°	550.4	488.0	550.4	612.7	628.3	625.5	621.8	619.9	511.8	295.6	133.4
102.5°	715.9	662.5	715.9	769.3	782.7	733.8	668.7	636.1	526.5	307.2	142.7
105°	927.1	898.4	927.1	955.8	963.0	853.4	707.3	634.3	528.1	315.8	156.5
107.5°	1065.5	1072.4	1065.5	1058.5	1056.8	903.9	700.1	598.2	504.6	317.4	177.0
110°	1118.2	1148.1	1118.2	1088.3	1080.8	909.9	682.1	568.2	483.8	315.0	188.4



TEST NUMBER: P934113
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1122.9	1168.8	1122.9	1077.0	1065.5	890.6	657.5	540.9	465.6	315.1	202.2
115°	1093.1	1156.8	1093.1	1029.4	1013.5	845.0	620.4	508.1	444.7	318.0	223.0
117.5°	1030.0	1100.6	1030.0	959.4	941.7	789.7	587.0	485.6	431.7	323.9	243.1
120°	979.1	1047.7	979.1	910.5	893.3	754.4	569.1	476.5	427.2	328.7	254.8
122.5°	929.6	997.3	929.6	861.8	844.9	719.8	553.0	469.6	424.9	335.6	268.6
125°	858.8	921.2	858.8	796.5	780.9	674.6	532.9	462.1	423.1	345.0	286.4
127.5°	795.3	847.9	795.3	742.7	729.5	638.3	516.6	455.8	422.0	354.3	303.5
130°	757.9	806.5	757.9	709.3	697.1	615.9	507.6	453.4	422.6	361.1	314.9
132.5°	723.9	767.4	723.9	680.4	669.5	596.8	499.8	451.3	423.1	366.6	324.2
135°	677.3	714.8	677.3	639.8	630.4	569.5	488.3	447.7	422.7	372.6	335.0
137.5°	639.9	670.7	639.9	609.2	601.5	550.0	481.4	447.1	425.3	381.6	348.8
140°	614.3	643.0	614.3	585.6	578.4	533.9	474.6	445.0	425.7	387.1	358.2
142.5°	593.1	617.8	593.1	568.4	562.2	523.1	471.0	445.0	427.2	391.7	365.1
145°	561.2	579.9	561.2	542.5	537.8	505.9	463.3	442.0	427.2	397.7	375.6
147.5°	536.8	552.3	536.8	521.3	517.4	492.3	458.8	442.0	430.2	406.5	388.8
150°	521.4	533.9	521.4	508.8	505.7	484.5	456.2	442.0	431.7	411.1	395.7
152.5°	508.2	517.7	508.2	498.8	496.4	478.3	454.1	442.0	432.7	414.1	400.2
155°	493.1	499.4	493.1	486.9	485.3	470.9	451.6	442.0	434.9	420.7	410.1
157.5°	481.2	485.6	481.2	476.7	475.6	464.4	449.5	442.0	437.1	427.4	420.1
160°	474.0	476.5	474.0	471.4	470.8	461.2	448.4	442.0	438.1	430.4	424.6
162.5°	469.3	471.7	469.3	466.9	466.3	458.2	447.4	442.0	439.2	433.6	429.4
165°	462.6	465.1	462.6	460.0	459.4	453.6	445.9	442.0	440.7	438.2	436.3
167.5°	457.7	458.8	457.7	456.7	456.4	452.6	447.5	445.0	443.9	441.8	440.2
170°	456.4	456.4	456.4	456.4	456.4	452.6	447.5	445.0	444.9	444.8	444.7
172.5°	452.8	451.9	452.8	453.8	454.0	451.0	447.0	445.0	445.0	445.0	445.0
175°	450.7	450.7	450.7	450.7	450.7	448.8	446.3	445.0	445.6	446.8	447.7
177.5°	448.8	447.7	448.8	449.8	450.1	448.6	446.6	445.6	446.1	447.0	447.7
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0
2.5°	5442.1	5411.7	5411.7	5360.9	5340.6	5325.4	5300.0	5223.8	5203.5	5183.2	5213.7
5°	5487.8	5432.0	5391.3	5300.0	5223.8	5193.4	5096.9	4914.1	4792.3	4700.9	4650.2
7.5°	5498.0	5426.9	5350.7	5208.6	5025.8	4944.6	4650.2	4315.1	4223.7	4142.5	4091.7
10°	5487.8	5406.6	5300.0	5086.8	4655.2	4513.1	4218.7	4000.4	3944.5	3929.3	3944.5
12.5°	5452.3	5376.1	5228.9	4873.5	4269.4	4173.0	4000.4	3873.4	3863.3	3888.7	4025.7
15°	5391.3	5320.3	5147.7	4589.2	4056.2	3985.1	3863.3	3817.6	3873.4	4051.1	4462.3
17.5°	5330.4	5249.2	5036.0	4310.0	3893.8	3843.0	3756.7	3848.1	4162.8	4401.4	4538.5
20°	5249.2	5152.7	4909.1	4107.0	3777.0	3731.3	3690.7	4101.9	4340.5	4426.8	4502.9
22.5°	5152.7	5051.2	4736.5	3964.8	3655.2	3619.6	3645.0	4244.0	4340.5	4401.4	4467.4
25°	5025.8	4939.5	4533.4	3853.1	3558.7	3518.1	3614.5	4228.8	4284.6	4299.9	4431.9
27.5°	4909.1	4797.4	4320.2	3751.6	3441.9	3426.7	3639.9	4162.8	4203.4	4218.7	4360.8
30°	4766.9	4599.4	4081.6	3645.0	3320.1	3315.0	3645.0	4081.6	4071.4	4112.0	4254.2
32.5°	4619.7	4305.0	3812.5	3513.0	3203.3	3198.3	3609.5	3959.7	3949.6	4005.4	4112.0
35°	4482.6	4076.5	3447.0	3360.7	3056.1	3061.2	3523.2	3817.6	3822.7	3873.4	3939.4
37.5°	4340.5	3878.5	3046.0	3193.2	2914.0	2914.0	3406.4	3685.6	3675.5	3690.7	3782.1
40°	4173.0	3568.8	2690.6	2974.9	2782.0	2766.7	3264.3	3543.5	3507.9	3502.9	3629.8
42.5°	3995.3	3228.7	2426.6	2685.5	2629.7	2609.4	3091.6	3370.9	3304.9	3320.1	3482.5
45°	3802.4	3137.3	2223.5	2269.2	2472.3	2457.1	2903.8	3172.9	3127.2	3167.8	3335.3
47.5°	3609.5	2954.6	2157.6	1883.4	2304.8	2299.7	2695.7	2980.0	2954.6	2995.2	3172.9
50°	3345.5	2751.5	2152.5	1614.4	2116.9	2137.2	2446.9	2792.1	2792.1	2827.7	3015.5
52.5°	3005.3	2502.8	1954.5	1462.1	1898.6	1959.6	2228.6	2629.7	2639.8	2675.4	2842.9
55°	2695.7	2243.9	1812.3	1345.3	1639.7	1771.7	2015.4	2462.1	2482.5	2518.0	2670.3
57.5°	2411.4	1868.2	1781.9	1208.2	1401.1	1528.1	1827.6	2299.7	2309.9	2340.3	2487.5
60°	2106.8	1350.4	1634.7	1061.0	1193.0	1289.5	1655.0	2106.8	2142.3	2162.6	2289.5
62.5°	1761.6	979.8	1482.4	959.5	1091.5	1111.8	1512.8	1924.0	1969.7	1984.9	2061.1
65°	1253.9	822.4	1259.0	873.2	984.9	989.9	1360.5	1736.2	1776.8	1802.2	1858.0
67.5°	847.8	670.1	959.5	791.9	903.6	908.7	1213.3	1517.9	1573.7	1594.1	1629.6
70°	588.9	446.7	710.7	705.6	812.3	822.4	1055.9	1319.9	1370.7	1385.9	1406.2
72.5°	431.5	360.4	588.9	634.6	715.8	726.0	893.5	1096.5	1147.3	1162.5	1172.7
75°	330.0	380.7	477.2	553.3	609.2	614.3	731.0	893.5	929.0	939.2	944.2
77.5°	264.0	355.4	350.3	446.7	497.5	487.4	573.7	690.4	720.9	720.9	720.9
80°	198.0	279.2	264.0	319.8	365.5	355.4	411.2	492.4	502.6	512.7	507.7
82.5°	147.2	177.7	177.7	203.1	243.7	233.5	274.1	319.8	319.8	319.8	330.0
85°	91.4	101.5	81.2	106.6	137.1	132.0	152.3	172.6	177.7	177.7	167.5
87.5°	55.8	45.7	25.4	40.6	60.9	60.9	71.1	76.1	71.1	71.1	71.1
90°	7.8	5.4	3.0	5.4	7.8	8.4	13.2	19.6	22.8	20.3	15.2
92.5°	52.9	32.4	12.0	32.4	52.9	58.0	81.5	112.9	128.6	112.7	80.9
95°	103.6	66.2	28.8	66.2	103.6	113.0	200.6	317.5	375.9	335.4	254.5
97.5°	115.9	82.9	49.9	82.9	115.9	124.1	270.2	465.1	562.5	536.9	485.8
100°	125.9	96.0	66.1	96.0	125.9	133.4	295.6	511.8	619.9	621.8	625.5
102.5°	135.7	107.8	79.9	107.8	135.7	142.7	307.2	526.5	636.1	668.7	733.8
105°	150.6	127.0	103.4	127.0	150.6	156.5	315.8	528.1	634.3	707.3	853.4
107.5°	171.5	149.4	127.4	149.4	171.5	177.0	317.4	504.6	598.2	700.1	903.9
110°	183.4	163.5	143.6	163.5	183.4	188.4	315.0	483.8	568.2	682.1	909.9



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	197.5	178.5	159.6	178.5	197.5	202.2	315.1	465.6	540.9	657.5	890.6
115°	218.6	201.1	183.6	201.1	218.6	223.0	318.0	444.7	508.1	620.4	845.0
117.5°	239.1	223.2	207.3	223.2	239.1	243.1	323.9	431.7	485.6	587.0	789.7
120°	251.1	236.1	221.1	236.1	251.1	254.8	328.7	427.2	476.5	569.1	754.4
122.5°	264.8	249.8	234.7	249.8	264.8	268.6	335.6	424.9	469.6	553.0	719.8
125°	283.0	269.2	255.4	269.2	283.0	286.4	345.0	423.1	462.1	532.9	674.6
127.5°	300.0	286.1	272.2	286.1	300.0	303.5	354.3	422.0	455.8	516.6	638.3
130°	311.2	296.2	281.2	296.2	311.2	314.9	361.1	422.6	453.4	507.6	615.9
132.5°	320.5	305.5	290.6	305.5	320.5	324.2	366.6	423.1	451.3	499.8	596.8
135°	331.6	318.0	304.4	318.0	331.6	335.0	372.6	422.7	447.7	488.3	569.5
137.5°	345.4	332.0	318.5	332.0	345.4	348.8	381.6	425.3	447.1	481.4	550.0
140°	355.1	342.6	330.2	342.6	355.1	358.2	387.1	425.7	445.0	474.6	533.9
142.5°	362.2	350.7	339.2	350.7	362.2	365.1	391.7	427.2	445.0	471.0	523.1
145°	373.1	363.1	353.1	363.1	373.1	375.6	397.7	427.2	442.0	463.3	505.9
147.5°	386.4	376.6	366.9	376.6	386.4	388.8	406.5	430.2	442.0	458.8	492.3
150°	393.5	384.7	375.9	384.7	393.5	395.7	411.1	431.7	442.0	456.2	484.5
152.5°	398.5	391.9	385.2	391.9	398.5	400.2	414.1	432.7	442.0	454.1	478.3
155°	408.9	403.9	399.0	403.9	408.9	410.1	420.7	434.9	442.0	451.6	470.9
157.5°	418.9	414.0	409.2	414.0	418.9	420.1	427.4	437.1	442.0	449.5	464.4
160°	423.7	419.9	416.2	419.9	423.7	424.6	430.4	438.1	442.0	448.4	461.2
162.5°	428.7	425.9	423.1	425.9	428.7	429.4	433.6	439.2	442.0	447.4	458.2
165°	435.7	433.1	430.6	433.1	435.7	436.3	438.2	440.7	442.0	445.9	453.6
167.5°	439.9	438.7	437.5	438.7	439.9	440.2	441.8	443.9	445.0	447.5	452.6
170°	444.4	443.2	442.0	443.2	444.4	444.7	444.8	444.9	445.0	447.5	452.6
172.5°	444.9	444.7	444.4	444.7	444.9	445.0	445.0	445.0	445.0	447.0	451.0
175°	447.7	447.7	447.7	447.7	447.7	447.7	446.8	445.6	445.0	446.3	448.8
177.5°	447.7	447.7	447.7	447.7	447.7	447.7	447.0	446.1	445.6	446.6	448.6
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0	5366.0
2.5°	5178.1	5162.9	5183.2	5127.4	5183.2	5162.9	5178.1	5213.7	5183.2	5203.5	5223.8
5°	4543.6	4518.2	4436.9	4371.0	4436.9	4518.2	4543.6	4650.2	4700.9	4792.3	4914.1
7.5°	4061.3	4041.0	4020.7	3980.1	4020.7	4041.0	4061.3	4091.7	4142.5	4223.7	4315.1
10°	3954.7	3959.7	3990.2	3985.1	3990.2	3959.7	3954.7	3944.5	3929.3	3944.5	4000.4
12.5°	4228.8	4274.5	4442.0	4431.9	4442.0	4274.5	4228.8	4025.7	3888.7	3863.3	3873.4
15°	4543.6	4558.8	4594.3	4599.4	4594.3	4558.8	4543.6	4462.3	4051.1	3873.4	3817.6
17.5°	4574.0	4579.1	4604.5	4604.5	4604.5	4579.1	4574.0	4538.5	4401.4	4162.8	3848.1
20°	4548.6	4558.8	4609.6	4619.7	4609.6	4558.8	4548.6	4502.9	4426.8	4340.5	4101.9
22.5°	4538.5	4558.8	4599.4	4594.3	4599.4	4558.8	4538.5	4467.4	4401.4	4340.5	4244.0
25°	4487.7	4487.7	4492.8	4497.9	4492.8	4487.7	4487.7	4431.9	4299.9	4284.6	4228.8
27.5°	4381.1	4391.3	4421.7	4416.6	4421.7	4391.3	4381.1	4360.8	4218.7	4203.4	4162.8
30°	4284.6	4274.5	4249.1	4228.8	4249.1	4274.5	4284.6	4254.2	4112.0	4071.4	4081.6
32.5°	4122.2	4096.8	4071.4	4056.2	4071.4	4096.8	4122.2	4112.0	4005.4	3949.6	3959.7
35°	3929.3	3934.4	3929.3	3914.1	3929.3	3934.4	3929.3	3939.4	3873.4	3822.7	3817.6
37.5°	3792.2	3802.4	3797.3	3777.0	3797.3	3802.4	3792.2	3782.1	3690.7	3675.5	3685.6
40°	3650.1	3655.2	3650.1	3634.8	3650.1	3655.2	3650.1	3629.8	3502.9	3507.9	3543.5
42.5°	3513.0	3507.9	3492.7	3482.5	3492.7	3507.9	3513.0	3482.5	3320.1	3304.9	3370.9
45°	3355.6	3360.7	3330.2	3315.0	3330.2	3360.7	3355.6	3335.3	3167.8	3127.2	3172.9
47.5°	3198.3	3198.3	3172.9	3157.6	3172.9	3198.3	3198.3	3172.9	2995.2	2954.6	2980.0
50°	3030.7	3025.7	2990.1	2985.0	2990.1	3025.7	3030.7	3015.5	2827.7	2792.1	2792.1
52.5°	2837.8	2837.8	2842.9	2853.0	2842.9	2837.8	2837.8	2842.9	2675.4	2639.8	2629.7
55°	2670.3	2675.4	2710.9	2721.1	2710.9	2675.4	2670.3	2670.3	2518.0	2482.5	2462.1
57.5°	2497.7	2497.7	2523.1	2523.1	2523.1	2497.7	2497.7	2487.5	2340.3	2309.9	2299.7
60°	2299.7	2309.9	2330.2	2325.1	2330.2	2309.9	2299.7	2289.5	2162.6	2142.3	2106.8
62.5°	2091.6	2101.7	2106.8	2096.6	2106.8	2101.7	2091.6	2061.1	1984.9	1969.7	1924.0
65°	1873.3	1883.4	1888.5	1878.3	1888.5	1883.4	1873.3	1858.0	1802.2	1776.8	1736.2
67.5°	1649.9	1644.8	1639.7	1660.0	1639.7	1644.8	1649.9	1629.6	1594.1	1573.7	1517.9
70°	1421.4	1421.4	1416.4	1426.5	1416.4	1421.4	1421.4	1406.2	1385.9	1370.7	1319.9
72.5°	1177.8	1172.7	1193.0	1177.8	1193.0	1172.7	1177.8	1172.7	1162.5	1147.3	1096.5
75°	939.2	949.3	939.2	954.4	939.2	949.3	939.2	944.2	939.2	929.0	893.5
77.5°	715.8	726.0	715.8	715.8	715.8	726.0	715.8	720.9	720.9	720.9	690.4
80°	507.7	502.6	502.6	497.5	502.6	502.6	507.7	507.7	512.7	502.6	492.4
82.5°	324.9	319.8	319.8	330.0	319.8	319.8	324.9	330.0	319.8	319.8	319.8
85°	177.7	182.8	172.6	172.6	172.6	182.8	177.7	167.5	177.7	177.7	172.6
87.5°	66.0	60.9	60.9	60.9	60.9	60.9	66.0	71.1	71.1	71.1	76.1
90°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	15.2	20.3	22.8	19.6
92.5°	57.1	54.8	45.8	36.7	45.8	54.8	57.1	80.9	112.7	128.6	112.9
95°	193.8	186.9	159.4	131.9	159.4	186.9	193.8	254.5	335.4	375.9	317.5
97.5°	447.4	434.3	382.0	329.6	382.0	434.3	447.4	485.8	536.9	562.5	465.1
100°	628.3	612.7	550.4	488.0	550.4	612.7	628.3	625.5	621.8	619.9	511.8
102.5°	782.7	769.3	715.9	662.5	715.9	769.3	782.7	733.8	668.7	636.1	526.5
105°	963.0	955.8	927.1	898.4	927.1	955.8	963.0	853.4	707.3	634.3	528.1
107.5°	1056.8	1058.5	1065.5	1072.4	1065.5	1058.5	1056.8	903.9	700.1	598.2	504.6
110°	1080.8	1088.3	1118.2	1148.1	1118.2	1088.3	1080.8	909.9	682.1	568.2	483.8



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1065.5	1077.0	1122.9	1168.8	1122.9	1077.0	1065.5	890.6	657.5	540.9	465.6
115°	1013.5	1029.4	1093.1	1156.8	1093.1	1029.4	1013.5	845.0	620.4	508.1	444.7
117.5°	941.7	959.4	1030.0	1100.6	1030.0	959.4	941.7	789.7	587.0	485.6	431.7
120°	893.3	910.5	979.1	1047.7	979.1	910.5	893.3	754.4	569.1	476.5	427.2
122.5°	844.9	861.8	929.6	997.3	929.6	861.8	844.9	719.8	553.0	469.6	424.9
125°	780.9	796.5	858.8	921.2	858.8	796.5	780.9	674.6	532.9	462.1	423.1
127.5°	729.5	742.7	795.3	847.9	795.3	742.7	729.5	638.3	516.6	455.8	422.0
130°	697.1	709.3	757.9	806.5	757.9	709.3	697.1	615.9	507.6	453.4	422.6
132.5°	669.5	680.4	723.9	767.4	723.9	680.4	669.5	596.8	499.8	451.3	423.1
135°	630.4	639.8	677.3	714.8	677.3	639.8	630.4	569.5	488.3	447.7	422.7
137.5°	601.5	609.2	639.9	670.7	639.9	609.2	601.5	550.0	481.4	447.1	425.3
140°	578.4	585.6	614.3	643.0	614.3	585.6	578.4	533.9	474.6	445.0	425.7
142.5°	562.2	568.4	593.1	617.8	593.1	568.4	562.2	523.1	471.0	445.0	427.2
145°	537.8	542.5	561.2	579.9	561.2	542.5	537.8	505.9	463.3	442.0	427.2
147.5°	517.4	521.3	536.8	552.3	536.8	521.3	517.4	492.3	458.8	442.0	430.2
150°	505.7	508.8	521.4	533.9	521.4	508.8	505.7	484.5	456.2	442.0	431.7
152.5°	496.4	498.8	508.2	517.7	508.2	498.8	496.4	478.3	454.1	442.0	432.7
155°	485.3	486.9	493.1	499.4	493.1	486.9	485.3	470.9	451.6	442.0	434.9
157.5°	475.6	476.7	481.2	485.6	481.2	476.7	475.6	464.4	449.5	442.0	437.1
160°	470.8	471.4	474.0	476.5	474.0	471.4	470.8	461.2	448.4	442.0	438.1
162.5°	466.3	466.9	469.3	471.7	469.3	466.9	466.3	458.2	447.4	442.0	439.2
165°	459.4	460.0	462.6	465.1	462.6	460.0	459.4	453.6	445.9	442.0	440.7
167.5°	456.4	456.7	457.7	458.8	457.7	456.7	456.4	452.6	447.5	445.0	443.9
170°	456.4	456.4	456.4	456.4	456.4	456.4	456.4	452.6	447.5	445.0	444.9
172.5°	454.0	453.8	452.8	451.9	452.8	453.8	454.0	451.0	447.0	445.0	445.0
175°	450.7	450.7	450.7	450.7	450.7	450.7	450.7	448.8	446.3	445.0	445.6
177.5°	450.1	449.8	448.8	447.7	448.8	449.8	450.1	448.6	446.6	445.6	446.1
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934113
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5366.0	5366.0	5366.0	5366.0	5366.0
2.5°	5300.0	5325.4	5340.6	5360.9	5411.7
5°	5096.9	5193.4	5223.8	5300.0	5391.3
7.5°	4650.2	4944.6	5025.8	5208.6	5350.7
10°	4218.7	4513.1	4655.2	5086.8	5300.0
12.5°	4000.4	4173.0	4269.4	4873.5	5228.9
15°	3863.3	3985.1	4056.2	4589.2	5147.7
17.5°	3756.7	3843.0	3893.8	4310.0	5036.0
20°	3690.7	3731.3	3777.0	4107.0	4909.1
22.5°	3645.0	3619.6	3655.2	3964.8	4736.5
25°	3614.5	3518.1	3558.7	3853.1	4533.4
27.5°	3639.9	3426.7	3441.9	3751.6	4320.2
30°	3645.0	3315.0	3320.1	3645.0	4081.6
32.5°	3609.5	3198.3	3203.3	3513.0	3812.5
35°	3523.2	3061.2	3056.1	3360.7	3447.0
37.5°	3406.4	2914.0	2914.0	3193.2	3046.0
40°	3264.3	2766.7	2782.0	2974.9	2690.6
42.5°	3091.6	2609.4	2629.7	2685.5	2426.6
45°	2903.8	2457.1	2472.3	2269.2	2223.5
47.5°	2695.7	2299.7	2304.8	1883.4	2157.6
50°	2446.9	2137.2	2116.9	1614.4	2152.5
52.5°	2228.6	1959.6	1898.6	1462.1	1954.5
55°	2015.4	1771.7	1639.7	1345.3	1812.3
57.5°	1827.6	1528.1	1401.1	1208.2	1781.9
60°	1655.0	1289.5	1193.0	1061.0	1634.7
62.5°	1512.8	1111.8	1091.5	959.5	1482.4
65°	1360.5	989.9	984.9	873.2	1259.0
67.5°	1213.3	908.7	903.6	791.9	959.5
70°	1055.9	822.4	812.3	705.6	710.7
72.5°	893.5	726.0	715.8	634.6	588.9
75°	731.0	614.3	609.2	553.3	477.2
77.5°	573.7	487.4	497.5	446.7	350.3
80°	411.2	355.4	365.5	319.8	264.0
82.5°	274.1	233.5	243.7	203.1	177.7
85°	152.3	132.0	137.1	106.6	81.2
87.5°	71.1	60.9	60.9	40.6	25.4
90°	13.2	8.4	7.8	5.4	3.0
92.5°	81.5	58.0	52.9	32.4	12.0
95°	200.6	113.0	103.6	66.2	28.8
97.5°	270.2	124.1	115.9	82.9	49.9
100°	295.6	133.4	125.9	96.0	66.1
102.5°	307.2	142.7	135.7	107.8	79.9
105°	315.8	156.5	150.6	127.0	103.4
107.5°	317.4	177.0	171.5	149.4	127.4
110°	315.0	188.4	183.4	163.5	143.6



TEST NUMBER: P934113

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	315.1	202.2	197.5	178.5	159.6
115°	318.0	223.0	218.6	201.1	183.6
117.5°	323.9	243.1	239.1	223.2	207.3
120°	328.7	254.8	251.1	236.1	221.1
122.5°	335.6	268.6	264.8	249.8	234.7
125°	345.0	286.4	283.0	269.2	255.4
127.5°	354.3	303.5	300.0	286.1	272.2
130°	361.1	314.9	311.2	296.2	281.2
132.5°	366.6	324.2	320.5	305.5	290.6
135°	372.6	335.0	331.6	318.0	304.4
137.5°	381.6	348.8	345.4	332.0	318.5
140°	387.1	358.2	355.1	342.6	330.2
142.5°	391.7	365.1	362.2	350.7	339.2
145°	397.7	375.6	373.1	363.1	353.1
147.5°	406.5	388.8	386.4	376.6	366.9
150°	411.1	395.7	393.5	384.7	375.9
152.5°	414.1	400.2	398.5	391.9	385.2
155°	420.7	410.1	408.9	403.9	399.0
157.5°	427.4	420.1	418.9	414.0	409.2
160°	430.4	424.6	423.7	419.9	416.2
162.5°	433.6	429.4	428.7	425.9	423.1
165°	438.2	436.3	435.7	433.1	430.6
167.5°	441.8	440.2	439.9	438.7	437.5
170°	444.8	444.7	444.4	443.2	442.0
172.5°	445.0	445.0	444.9	444.7	444.4
175°	446.8	447.7	447.7	447.7	447.7
177.5°	447.0	447.7	447.7	447.7	447.7
180°	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934113
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-12

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	17.18	18.44	17.80	19.07	19.78	20.03	21.29	20.65	21.92	22.63
	3H	17.69	18.82	18.32	19.46	20.20	21.42	22.55	22.04	23.18	23.93
	4H	17.90	18.97	18.55	19.61	20.37	21.88	22.95	22.53	23.60	24.36
	6H	18.04	19.02	18.70	19.68	20.46	22.19	23.18	22.85	23.84	24.61
	8H	18.05	18.99	18.72	19.67	20.45	22.28	23.22	22.95	23.90	24.68
	12H	18.03	18.93	18.71	19.60	20.41	22.34	23.23	23.02	23.91	24.71
4H	2H	18.27	19.33	18.92	19.98	20.74	20.49	21.56	21.14	22.20	22.97
	3H	19.33	20.22	19.99	20.91	21.69	22.04	22.93	22.70	23.61	24.39
	4H	19.62	20.43	20.30	21.12	21.93	22.59	23.39	23.27	24.08	24.90
	6H	19.77	20.47	20.47	21.19	22.01	22.98	23.68	23.68	24.40	25.22
	8H	19.79	20.44	20.49	21.15	21.99	23.10	23.75	23.80	24.47	25.30
	12H	19.77	20.36	20.50	21.10	21.94	23.18	23.77	23.90	24.50	25.34
8H	4H	20.11	20.77	20.82	21.48	22.31	22.74	23.40	23.45	24.11	24.94
	6H	20.39	20.93	21.13	21.69	22.52	23.20	23.74	23.94	24.50	25.34
	8H	20.44	20.92	21.19	21.68	22.53	23.36	23.84	24.11	24.60	25.45
	12H	20.44	20.86	21.19	21.61	22.53	23.48	23.91	24.23	24.65	25.57
12H	4H	20.14	20.73	20.86	21.46	22.30	22.73	23.31	23.45	24.05	24.89
	6H	20.45	20.94	21.20	21.70	22.55	23.20	23.69	23.95	24.44	25.30
	8H	20.54	20.97	21.29	21.71	22.63	23.38	23.81	24.13	24.56	25.47