

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: P934009

Luminaire Tested: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934009
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-830-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

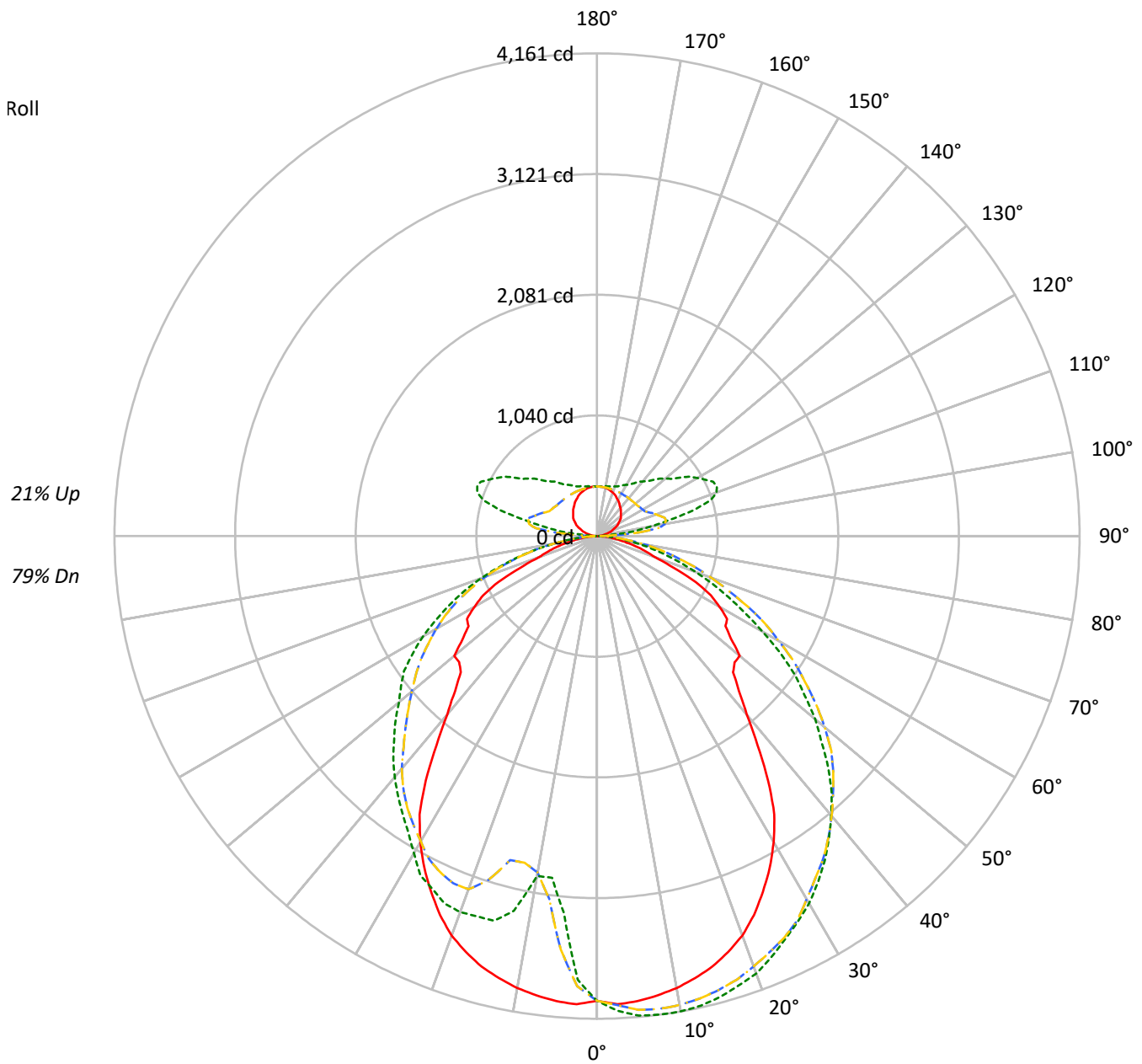
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13161.2 lumens
Efficiency: N/A
Efficacy: 113.1 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°	12389	12389	12389	12389
5°	12486	12506	12486	9833
10°	12407	12319	12407	8807
15°	12277	12052	12277	10064
20°	12025	11736	12025	10085
25°	11504	11275	11504	9871
30°	10829	10892	10829	9402
35°	9659	10407	9659	8886
40°	8053	9837	8053	8496
45°	7200	9170	7200	8048
50°	7655	8374	7655	7599
55°	7209	7517	7209	7338
60°	7440	6384	7440	6722
65°	6757	5277	6757	5899
70°	4690	4206	4690	4945
75°	4128	3109	4128	3723
80°	3351	2055	3351	2238
85°	1964	1088	1964	926

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11028 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	361.5	2.7
10°-20°	1026.5	7.8
20°-30°	1586.8	12.1
30°-40°	1894.3	14.4
40°-50°	1905.5	14.5
50°-60°	1658.0	12.6
60°-70°	1175.5	8.9
70°-80°	621.9	4.7
80°-90°	156.5	1.2
90°-100°	208.6	1.6
100°-110°	548.5	4.2
110°-120°	568.7	4.3
120°-130°	456.2	3.5
130°-140°	358.0	2.7
140°-150°	274.7	2.1
150°-160°	197.9	1.5
160°-170°	121.1	0.9
170°-180°	40.9	0.3
0°-30°	2974.9	22.6
0°-40°	4869.3	37.0
0°-60°	8432.7	64.1
0°-90°	10386.7	78.9
90°-120°	1325.9	10.1
90°-150°	2414.8	18.3
90°-180°	2775.0	21.1
0°-180°	13161.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4005	4005	4005	4005	4005	
5°	4024	4149	4024	3263	4024	382
15°	3842	4111	3842	3433	3842	1081
25°	3384	3835	3384	3357	3384	1554
35°	2573	3422	2573	2922	2573	1592
45°	1660	2819	1660	2474	1660	1330
55°	1353	2080	1353	2031	1353	1243
65°	940	1254	940	1402	940	898
75°	356	595	356	712	356	375
85°	61	152	61	129	61	82
90°	3	11	3	11	3	5
95°	28	126	28	126	28	31
105°	99	859	99	859	99	105
115°	176	1106	176	1106	176	173
125°	244	881	244	881	244	217
135°	291	683	291	683	291	225
145°	338	554	338	554	338	211
155°	381	477	381	477	381	175
165°	412	445	412	445	412	116
175°	428	431	428	431	428	41
180°	428	428	428	428	428	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3
2.5°	4039.4	4039.4	4062.1	4069.7	4069.7	4058.3	4046.9	4058.3	4092.4	4103.8	4100.0
5°	4024.3	4054.6	4096.3	4103.8	4111.4	4107.6	4100.0	4107.6	4145.5	4153.1	4156.9
7.5°	3993.9	4050.8	4103.8	4115.2	4126.6	4115.2	4111.4	4119.0	4156.9	4164.4	4164.4
10°	3956.0	4035.7	4096.3	4103.8	4115.2	4103.8	4103.8	4119.0	4156.9	4164.4	4168.3
12.5°	3903.0	4012.9	4069.7	4077.3	4092.4	4088.6	4084.9	4100.0	4138.0	4145.5	4145.5
15°	3842.4	3971.2	4024.3	4031.8	4058.3	4050.8	4050.8	4066.0	4107.6	4119.0	4115.2
17.5°	3759.0	3918.2	3978.8	3990.2	4009.1	4005.3	4009.1	4024.3	4062.1	4069.7	4073.5
20°	3664.3	3846.2	3918.2	3929.5	3948.5	3948.5	3948.5	3967.4	4005.3	4020.5	4020.5
22.5°	3535.4	3770.4	3846.2	3853.7	3876.5	3876.5	3884.0	3910.5	3944.6	3948.5	3948.5
25°	3383.9	3687.0	3751.4	3774.2	3796.8	3808.2	3819.6	3834.8	3846.2	3842.4	3846.2
27.5°	3224.7	3580.9	3664.3	3679.5	3709.8	3721.1	3736.2	3740.1	3743.8	3755.2	3747.6
30°	3046.6	3433.1	3558.1	3573.3	3622.6	3630.1	3615.0	3622.6	3641.5	3649.1	3656.7
32.5°	2845.7	3213.3	3448.3	3482.3	3527.8	3505.1	3501.4	3512.7	3543.0	3543.0	3550.6
35°	2573.0	3042.9	3346.0	3376.3	3410.3	3383.9	3399.0	3402.8	3421.7	3433.1	3429.4
37.5°	2273.6	2895.1	3239.9	3262.6	3289.1	3255.0	3277.7	3289.1	3304.3	3296.7	3296.7
40°	2008.4	2663.9	3114.8	3129.9	3152.7	3126.2	3148.9	3156.5	3164.1	3156.5	3152.7
42.5°	1811.3	2410.0	2982.1	3001.2	2986.0	3004.9	3012.5	3027.7	3016.3	3001.2	3001.2
45°	1659.7	2341.8	2838.2	2860.9	2838.2	2868.5	2879.9	2879.9	2845.7	2838.2	2834.4
47.5°	1610.5	2205.4	2694.2	2694.2	2682.8	2720.7	2739.7	2713.1	2679.0	2667.7	2667.7
50°	1606.7	2053.8	2497.2	2482.0	2535.0	2580.5	2561.6	2535.0	2508.5	2466.9	2466.9
52.5°	1458.9	1868.1	2243.3	2300.1	2383.5	2410.0	2379.7	2353.2	2307.7	2288.8	2273.6
55°	1352.7	1674.9	2012.1	2125.8	2212.9	2247.1	2190.2	2163.7	2095.5	2084.1	2076.5
57.5°	1330.1	1394.4	1800.0	1943.9	2050.0	2046.2	2012.1	1962.9	1906.0	1894.7	1890.9
60°	1220.1	1007.9	1572.5	1743.1	1853.0	1841.6	1811.3	1765.8	1712.8	1705.2	1697.6
62.5°	1106.5	731.3	1314.9	1508.2	1663.5	1659.7	1633.2	1565.0	1527.1	1508.2	1493.0
65°	939.7	613.8	935.9	1254.3	1477.8	1485.4	1428.6	1379.3	1337.6	1314.9	1311.1
67.5°	716.1	500.2	632.8	1045.9	1299.8	1292.1	1220.1	1197.4	1144.3	1133.0	1110.3
70°	530.5	333.5	439.6	848.8	1125.4	1106.5	1049.6	1023.1	973.9	947.3	932.2
72.5°	439.6	269.0	322.1	659.4	947.3	924.5	875.3	845.0	803.3	780.6	765.5
75°	356.2	284.2	246.3	488.8	769.2	754.1	708.6	678.3	644.2	613.8	617.7
77.5°	261.5	265.3	197.0	360.0	610.1	587.4	560.8	522.9	507.7	477.4	477.4
80°	197.0	208.4	147.8	246.3	439.6	439.6	416.8	390.3	363.8	348.7	348.7
82.5°	132.6	132.6	109.8	155.4	299.3	287.9	272.8	265.3	250.1	242.5	242.5
85°	60.6	75.8	68.2	94.7	162.9	170.6	170.6	162.9	159.2	151.5	155.4
87.5°	18.9	34.1	41.7	53.1	83.4	87.2	90.9	90.9	90.9	94.7	94.7
90°	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5	10.9	10.9
92.5°	11.5	31.0	50.6	55.4	77.9	107.9	122.9	107.7	77.3	54.6	52.4
95°	27.5	63.3	99.0	108.0	191.8	303.5	359.4	320.6	243.3	185.3	178.7
97.5°	47.7	79.3	110.8	118.6	258.3	444.6	537.8	513.3	464.4	427.7	415.2
100°	63.2	91.8	120.4	127.5	282.6	489.3	592.6	594.4	598.0	600.7	585.7
102.5°	76.4	103.1	129.7	136.4	293.7	503.3	608.1	639.3	701.5	748.3	735.5
105°	98.9	121.4	144.0	149.6	301.9	504.9	606.4	676.2	815.9	920.6	913.7
107.5°	121.8	142.8	164.0	169.2	303.4	482.4	571.9	669.3	864.1	1010.3	1011.9
110°	137.3	156.3	175.3	180.1	301.1	462.5	543.2	652.1	869.9	1033.2	1040.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	152.6	170.6	188.8	193.3	301.2	445.1	517.1	628.6	851.4	1018.6	1029.6
115°	175.5	192.3	209.0	213.2	304.0	425.1	485.7	593.1	807.8	968.9	984.1
117.5°	198.2	213.4	228.6	232.4	309.6	412.7	464.2	561.2	755.0	900.3	917.2
120°	211.4	225.7	240.1	243.6	314.2	408.4	455.5	544.1	721.2	854.0	870.4
122.5°	224.4	238.8	253.1	256.8	320.8	406.2	448.9	528.7	688.1	807.7	823.9
125°	244.2	257.4	270.5	273.8	329.8	404.5	441.8	509.5	644.9	746.5	761.5
127.5°	260.2	273.5	286.8	290.1	338.7	403.4	435.7	493.9	610.2	697.4	710.0
130°	268.8	283.2	297.5	301.0	345.2	404.0	433.5	485.3	588.8	666.4	678.1
132.5°	277.8	292.1	306.4	309.9	350.5	404.5	431.4	477.8	570.5	640.0	650.5
135°	291.0	304.0	317.0	320.3	356.2	404.1	428.0	466.8	544.4	602.7	611.6
137.5°	304.5	317.4	330.2	333.5	364.8	406.6	427.4	460.2	525.8	575.0	582.4
140°	315.7	327.5	339.5	342.4	370.1	407.0	425.4	453.7	510.4	553.0	559.8
142.5°	324.3	335.3	346.3	349.0	374.5	408.4	425.4	450.3	500.1	537.5	543.4
145°	337.6	347.1	356.7	359.1	380.2	408.4	422.6	442.9	483.6	514.1	518.6
147.5°	350.8	360.0	369.4	371.7	388.6	411.3	422.6	438.6	470.6	494.6	498.4
150°	359.4	367.8	376.2	378.3	393.0	412.7	422.6	436.1	463.2	483.4	486.4
152.5°	368.3	374.7	381.0	382.6	395.9	413.7	422.6	434.1	457.3	474.6	476.9
155°	381.4	386.1	390.9	392.1	402.2	415.8	422.6	431.7	450.2	463.9	465.5
157.5°	391.2	395.8	400.5	401.6	408.6	417.9	422.6	429.7	444.0	454.7	455.7
160°	397.9	401.4	405.1	405.9	411.5	418.8	422.6	428.7	440.9	450.1	450.7
162.5°	404.5	407.2	409.8	410.5	414.5	419.9	422.6	427.7	438.0	445.8	446.4
165°	411.7	414.0	416.5	417.1	418.9	421.3	422.6	426.3	433.6	439.2	439.8
167.5°	418.2	419.4	420.5	420.8	422.4	424.4	425.4	427.8	432.7	436.3	436.6
170°	422.6	423.7	424.8	425.1	425.2	425.3	425.4	427.8	432.7	436.3	436.3
172.5°	424.8	425.1	425.3	425.4	425.4	425.4	425.4	427.3	431.2	434.0	433.8
175°	428.0	428.0	428.0	428.0	427.1	426.0	425.4	426.7	429.1	430.9	430.9
177.5°	428.0	428.0	428.0	428.0	427.3	426.5	426.0	426.9	428.9	430.3	430.0
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3
2.5°	4107.6	4096.3	4107.6	4100.0	4103.8	4092.4	4058.3	4046.9	4058.3	4069.7	4069.7
5°	4156.9	4149.3	4156.9	4156.9	4153.1	4145.5	4107.6	4100.0	4107.6	4111.4	4103.8
7.5°	4172.0	4160.7	4172.0	4164.4	4164.4	4156.9	4119.0	4111.4	4115.2	4126.6	4115.2
10°	4172.0	4160.7	4172.0	4168.3	4164.4	4156.9	4119.0	4103.8	4103.8	4115.2	4103.8
12.5°	4153.1	4145.5	4153.1	4145.5	4145.5	4138.0	4100.0	4084.9	4088.6	4092.4	4077.3
15°	4122.8	4111.4	4122.8	4115.2	4119.0	4107.6	4066.0	4050.8	4050.8	4058.3	4031.8
17.5°	4077.3	4062.1	4077.3	4073.5	4069.7	4062.1	4024.3	4009.1	4005.3	4009.1	3990.2
20°	4024.3	4012.9	4024.3	4020.5	4020.5	4005.3	3967.4	3948.5	3948.5	3948.5	3929.5
22.5°	3940.9	3929.5	3940.9	3948.5	3948.5	3944.6	3910.5	3884.0	3876.5	3876.5	3853.7
25°	3846.2	3834.8	3846.2	3846.2	3842.4	3846.2	3834.8	3819.6	3808.2	3796.8	3774.2
27.5°	3755.2	3747.6	3755.2	3747.6	3755.2	3743.8	3740.1	3736.2	3721.1	3709.8	3679.5
30°	3664.3	3656.7	3664.3	3656.7	3649.1	3641.5	3622.6	3615.0	3630.1	3622.6	3573.3
32.5°	3550.6	3543.0	3550.6	3550.6	3543.0	3543.0	3512.7	3501.4	3505.1	3527.8	3482.3
35°	3433.1	3421.7	3433.1	3429.4	3433.1	3421.7	3402.8	3399.0	3383.9	3410.3	3376.3
37.5°	3296.7	3285.3	3296.7	3296.7	3296.7	3304.3	3289.1	3277.7	3255.0	3289.1	3262.6
40°	3156.5	3141.3	3156.5	3152.7	3156.5	3164.1	3156.5	3148.9	3126.2	3152.7	3129.9
42.5°	2997.3	2993.5	2997.3	3001.2	3001.2	3016.3	3027.7	3012.5	3004.9	2986.0	3001.2
45°	2826.8	2819.2	2826.8	2834.4	2838.2	2845.7	2879.9	2879.9	2868.5	2838.2	2860.9
47.5°	2645.0	2626.0	2645.0	2667.7	2667.7	2679.0	2713.1	2739.7	2720.7	2682.8	2694.2
50°	2451.7	2455.5	2451.7	2466.9	2466.9	2508.5	2535.0	2561.6	2580.5	2535.0	2482.0
52.5°	2262.2	2258.5	2262.2	2273.6	2288.8	2307.7	2353.2	2379.7	2410.0	2383.5	2300.1
55°	2072.7	2080.4	2072.7	2076.5	2084.1	2095.5	2163.7	2190.2	2247.1	2212.9	2125.8
57.5°	1883.3	1871.9	1883.3	1890.9	1894.7	1906.0	1962.9	2012.1	2046.2	2050.0	1943.9
60°	1663.5	1648.3	1663.5	1697.6	1705.2	1712.8	1765.8	1811.3	1841.6	1853.0	1743.1
62.5°	1470.2	1443.8	1470.2	1493.0	1508.2	1527.1	1565.0	1633.2	1659.7	1663.5	1508.2
65°	1265.6	1254.3	1265.6	1311.1	1314.9	1337.6	1379.3	1428.6	1485.4	1477.8	1254.3
67.5°	1080.0	1080.0	1080.0	1110.3	1133.0	1144.3	1197.4	1220.1	1292.1	1299.8	1045.9
70°	909.4	905.6	909.4	932.2	947.3	973.9	1023.1	1049.6	1106.5	1125.4	848.8
72.5°	746.5	742.7	746.5	765.5	780.6	803.3	845.0	875.3	924.5	947.3	659.4
75°	602.5	594.9	602.5	617.7	613.8	644.2	678.3	708.6	754.1	769.2	488.8
77.5°	462.3	462.3	462.3	477.4	477.4	507.7	522.9	560.8	587.4	610.1	360.0
80°	344.8	341.0	344.8	348.7	348.7	363.8	390.3	416.8	439.6	439.6	246.3
82.5°	242.5	234.9	242.5	242.5	242.5	250.1	265.3	272.8	287.9	299.3	155.4
85°	151.5	151.5	151.5	155.4	151.5	159.2	162.9	170.6	170.6	162.9	94.7
87.5°	98.6	94.7	98.6	94.7	94.7	90.9	90.9	90.9	87.2	83.4	53.1
90°	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7	12.6	8.0
92.5°	43.8	35.1	43.8	52.4	54.6	77.3	107.7	122.9	107.9	77.9	55.4
95°	152.4	126.1	152.4	178.7	185.3	243.3	320.6	359.4	303.5	191.8	108.0
97.5°	365.2	315.1	365.2	415.2	427.7	464.4	513.3	537.8	444.6	258.3	118.6
100°	526.2	466.5	526.2	585.7	600.7	598.0	594.4	592.6	489.3	282.6	127.5
102.5°	684.4	633.4	684.4	735.5	748.3	701.5	639.3	608.1	503.3	293.7	136.4
105°	886.3	858.9	886.3	913.7	920.6	815.9	676.2	606.4	504.9	301.9	149.6
107.5°	1018.6	1025.2	1018.6	1011.9	1010.3	864.1	669.3	571.9	482.4	303.4	169.2
110°	1069.0	1097.6	1069.0	1040.4	1033.2	869.9	652.1	543.2	462.5	301.1	180.1



TEST NUMBER: P934009

CATALOG NUMBER: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1073.5	1117.4	1073.5	1029.6	1018.6	851.4	628.6	517.1	445.1	301.2	193.3
115°	1045.0	1105.9	1045.0	984.1	968.9	807.8	593.1	485.7	425.1	304.0	213.2
117.5°	984.7	1052.2	984.7	917.2	900.3	755.0	561.2	464.2	412.7	309.6	232.4
120°	936.0	1001.6	936.0	870.4	854.0	721.2	544.1	455.5	408.4	314.2	243.6
122.5°	888.7	953.4	888.7	823.9	807.7	688.1	528.7	448.9	406.2	320.8	256.8
125°	821.0	880.7	821.0	761.5	746.5	644.9	509.5	441.8	404.5	329.8	273.8
127.5°	760.3	810.6	760.3	710.0	697.4	610.2	493.9	435.7	403.4	338.7	290.1
130°	724.6	771.0	724.6	678.1	666.4	588.8	485.3	433.5	404.0	345.2	301.0
132.5°	692.0	733.6	692.0	650.5	640.0	570.5	477.8	431.4	404.5	350.5	309.9
135°	647.5	683.3	647.5	611.6	602.7	544.4	466.8	428.0	404.1	356.2	320.3
137.5°	611.7	641.2	611.7	582.4	575.0	525.8	460.2	427.4	406.6	364.8	333.5
140°	587.3	614.7	587.3	559.8	553.0	510.4	453.7	425.4	407.0	370.1	342.4
142.5°	567.0	590.6	567.0	543.4	537.5	500.1	450.3	425.4	408.4	374.5	349.0
145°	536.5	554.4	536.5	518.6	514.1	483.6	442.9	422.6	408.4	380.2	359.1
147.5°	513.2	528.0	513.2	498.4	494.6	470.6	438.6	422.6	411.3	388.6	371.7
150°	498.5	510.4	498.5	486.4	483.4	463.2	436.1	422.6	412.7	393.0	378.3
152.5°	485.8	494.9	485.8	476.9	474.6	457.3	434.1	422.6	413.7	395.9	382.6
155°	471.4	477.4	471.4	465.5	463.9	450.2	431.7	422.6	415.8	402.2	392.1
157.5°	460.0	464.2	460.0	455.7	454.7	444.0	429.7	422.6	417.9	408.6	401.6
160°	453.1	455.5	453.1	450.7	450.1	440.9	428.7	422.6	418.8	411.5	405.9
162.5°	448.7	450.9	448.7	446.4	445.8	438.0	427.7	422.6	419.9	414.5	410.5
165°	442.2	444.6	442.2	439.8	439.2	433.6	426.3	422.6	421.3	418.9	417.1
167.5°	437.6	438.6	437.6	436.6	436.3	432.7	427.8	425.4	424.4	422.4	420.8
170°	436.3	436.3	436.3	436.3	436.3	432.7	427.8	425.4	425.3	425.2	425.1
172.5°	432.9	432.0	432.9	433.8	434.0	431.2	427.3	425.4	425.4	425.4	425.4
175°	430.9	430.9	430.9	430.9	430.9	429.1	426.7	425.4	426.0	427.1	428.0
177.5°	429.1	428.0	429.1	430.0	430.3	428.9	426.9	426.0	426.5	427.3	428.0
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



TEST NUMBER: P934009

CATALOG NUMBER: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3
2.5°	4062.1	4039.4	4039.4	4001.5	3986.3	3975.0	3956.0	3899.2	3884.0	3868.8	3891.6
5°	4096.3	4054.6	4024.3	3956.0	3899.2	3876.5	3804.5	3668.1	3577.1	3508.9	3471.0
7.5°	4103.8	4050.8	3993.9	3887.9	3751.4	3690.8	3471.0	3221.0	3152.7	3092.1	3054.1
10°	4096.3	4035.7	3956.0	3796.8	3474.8	3368.7	3148.9	2986.0	2944.3	2932.9	2944.3
12.5°	4069.7	4012.9	3903.0	3637.8	3186.8	3114.8	2986.0	2891.2	2883.7	2902.6	3004.9
15°	4024.3	3971.2	3842.4	3425.5	3027.7	2974.6	2883.7	2849.5	2891.2	3023.8	3330.8
17.5°	3978.8	3918.2	3759.0	3217.1	2906.4	2868.5	2804.0	2872.3	3107.2	3285.3	3387.7
20°	3918.2	3846.2	3664.3	3065.5	2819.2	2785.1	2754.8	3061.8	3239.9	3304.3	3361.1
22.5°	3846.2	3770.4	3535.4	2959.5	2728.3	2701.8	2720.7	3167.9	3239.9	3285.3	3334.6
25°	3751.4	3687.0	3383.9	2876.1	2656.3	2626.0	2698.0	3156.5	3198.2	3209.6	3308.0
27.5°	3664.3	3580.9	3224.7	2800.3	2569.2	2557.8	2717.0	3107.2	3137.6	3148.9	3255.0
30°	3558.1	3433.1	3046.6	2720.7	2478.2	2474.4	2720.7	3046.6	3039.0	3069.3	3175.4
32.5°	3448.3	3213.3	2845.7	2622.2	2391.1	2387.2	2694.2	2955.7	2948.1	2989.8	3069.3
35°	3346.0	3042.9	2573.0	2508.5	2281.2	2284.9	2629.8	2849.5	2853.4	2891.2	2940.5
37.5°	3239.9	2895.1	2273.6	2383.5	2175.1	2175.1	2542.6	2751.1	2743.4	2754.8	2823.1
40°	3114.8	2663.9	2008.4	2220.5	2076.5	2065.2	2436.6	2645.0	2618.4	2614.7	2709.4
42.5°	2982.1	2410.0	1811.3	2004.5	1962.9	1947.7	2307.7	2516.1	2466.9	2478.2	2599.5
45°	2838.2	2341.8	1659.7	1693.8	1845.4	1834.0	2167.4	2368.3	2334.2	2364.6	2489.6
47.5°	2694.2	2205.4	1610.5	1405.8	1720.3	1716.6	2012.1	2224.3	2205.4	2235.7	2368.3
50°	2497.2	2053.8	1606.7	1205.0	1580.2	1595.3	1826.4	2084.1	2084.1	2110.7	2250.8
52.5°	2243.3	1868.1	1458.9	1091.3	1417.2	1462.7	1663.5	1962.9	1970.4	1997.0	2122.0
55°	2012.1	1674.9	1352.7	1004.2	1224.0	1322.4	1504.4	1837.8	1853.0	1879.5	1993.2
57.5°	1800.0	1394.4	1330.1	901.9	1045.9	1140.6	1364.1	1716.6	1724.1	1746.9	1856.7
60°	1572.5	1007.9	1220.1	792.0	890.5	962.5	1235.3	1572.5	1599.1	1614.2	1708.9
62.5°	1314.9	731.3	1106.5	716.1	814.7	829.9	1129.2	1436.1	1470.2	1481.6	1538.5
65°	935.9	613.8	939.7	651.8	735.2	738.9	1015.6	1296.0	1326.3	1345.2	1386.9
67.5°	632.8	500.2	716.1	591.1	674.5	678.3	905.6	1133.0	1174.6	1189.8	1216.4
70°	439.6	333.5	530.5	526.8	606.3	613.8	788.2	985.3	1023.1	1034.5	1049.6
72.5°	322.1	269.0	439.6	473.7	534.3	541.9	666.9	818.5	856.4	867.8	875.3
75°	246.3	284.2	356.2	413.0	454.7	458.5	545.7	666.9	693.5	701.0	704.8
77.5°	197.0	265.3	261.5	333.5	371.3	363.8	428.2	515.4	538.0	538.0	538.0
80°	147.8	208.4	197.0	238.7	272.8	265.3	307.0	367.6	375.1	382.7	379.0
82.5°	109.8	132.6	132.6	151.5	181.9	174.3	204.6	238.7	238.7	238.7	246.3
85°	68.2	75.8	60.6	79.5	102.3	98.6	113.7	128.9	132.6	132.6	125.0
87.5°	41.7	34.1	18.9	30.3	45.5	45.5	53.1	56.9	53.1	53.1	53.1
90°	7.5	5.2	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5
92.5°	50.6	31.0	11.5	31.0	50.6	55.4	77.9	107.9	122.9	107.7	77.3
95°	99.0	63.3	27.5	63.3	99.0	108.0	191.8	303.5	359.4	320.6	243.3
97.5°	110.8	79.3	47.7	79.3	110.8	118.6	258.3	444.6	537.8	513.3	464.4
100°	120.4	91.8	63.2	91.8	120.4	127.5	282.6	489.3	592.6	594.4	598.0
102.5°	129.7	103.1	76.4	103.1	129.7	136.4	293.7	503.3	608.1	639.3	701.5
105°	144.0	121.4	98.9	121.4	144.0	149.6	301.9	504.9	606.4	676.2	815.9
107.5°	164.0	142.8	121.8	142.8	164.0	169.2	303.4	482.4	571.9	669.3	864.1
110°	175.3	156.3	137.3	156.3	175.3	180.1	301.1	462.5	543.2	652.1	869.9



TEST NUMBER: P934009

CATALOG NUMBER: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	188.8	170.6	152.6	170.6	188.8	193.3	301.2	445.1	517.1	628.6	851.4
115°	209.0	192.3	175.5	192.3	209.0	213.2	304.0	425.1	485.7	593.1	807.8
117.5°	228.6	213.4	198.2	213.4	228.6	232.4	309.6	412.7	464.2	561.2	755.0
120°	240.1	225.7	211.4	225.7	240.1	243.6	314.2	408.4	455.5	544.1	721.2
122.5°	253.1	238.8	224.4	238.8	253.1	256.8	320.8	406.2	448.9	528.7	688.1
125°	270.5	257.4	244.2	257.4	270.5	273.8	329.8	404.5	441.8	509.5	644.9
127.5°	286.8	273.5	260.2	273.5	286.8	290.1	338.7	403.4	435.7	493.9	610.2
130°	297.5	283.2	268.8	283.2	297.5	301.0	345.2	404.0	433.5	485.3	588.8
132.5°	306.4	292.1	277.8	292.1	306.4	309.9	350.5	404.5	431.4	477.8	570.5
135°	317.0	304.0	291.0	304.0	317.0	320.3	356.2	404.1	428.0	466.8	544.4
137.5°	330.2	317.4	304.5	317.4	330.2	333.5	364.8	406.6	427.4	460.2	525.8
140°	339.5	327.5	315.7	327.5	339.5	342.4	370.1	407.0	425.4	453.7	510.4
142.5°	346.3	335.3	324.3	335.3	346.3	349.0	374.5	408.4	425.4	450.3	500.1
145°	356.7	347.1	337.6	347.1	356.7	359.1	380.2	408.4	422.6	442.9	483.6
147.5°	369.4	360.0	350.8	360.0	369.4	371.7	388.6	411.3	422.6	438.6	470.6
150°	376.2	367.8	359.4	367.8	376.2	378.3	393.0	412.7	422.6	436.1	463.2
152.5°	381.0	374.7	368.3	374.7	381.0	382.6	395.9	413.7	422.6	434.1	457.3
155°	390.9	386.1	381.4	386.1	390.9	392.1	402.2	415.8	422.6	431.7	450.2
157.5°	400.5	395.8	391.2	395.8	400.5	401.6	408.6	417.9	422.6	429.7	444.0
160°	405.1	401.4	397.9	401.4	405.1	405.9	411.5	418.8	422.6	428.7	440.9
162.5°	409.8	407.2	404.5	407.2	409.8	410.5	414.5	419.9	422.6	427.7	438.0
165°	416.5	414.0	411.7	414.0	416.5	417.1	418.9	421.3	422.6	426.3	433.6
167.5°	420.5	419.4	418.2	419.4	420.5	420.8	422.4	424.4	425.4	427.8	432.7
170°	424.8	423.7	422.6	423.7	424.8	425.1	425.2	425.3	425.4	427.8	432.7
172.5°	425.3	425.1	424.8	425.1	425.3	425.4	425.4	425.4	425.4	427.3	431.2
175°	428.0	428.0	428.0	428.0	428.0	428.0	427.1	426.0	425.4	426.7	429.1
177.5°	428.0	428.0	428.0	428.0	428.0	428.0	427.3	426.5	426.0	426.9	428.9
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



TEST NUMBER: P934009

CATALOG NUMBER: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3	4005.3
2.5°	3865.1	3853.7	3868.8	3827.2	3868.8	3853.7	3865.1	3891.6	3868.8	3884.0	3899.2
5°	3391.4	3372.5	3311.9	3262.6	3311.9	3372.5	3391.4	3471.0	3508.9	3577.1	3668.1
7.5°	3031.5	3016.3	3001.2	2970.8	3001.2	3016.3	3031.5	3054.1	3092.1	3152.7	3221.0
10°	2951.8	2955.7	2978.4	2974.6	2978.4	2955.7	2951.8	2944.3	2932.9	2944.3	2986.0
12.5°	3156.5	3190.6	3315.6	3308.0	3315.6	3190.6	3156.5	3004.9	2902.6	2883.7	2891.2
15°	3391.4	3402.8	3429.4	3433.1	3429.4	3402.8	3391.4	3330.8	3023.8	2891.2	2849.5
17.5°	3414.2	3418.0	3436.9	3436.9	3436.9	3418.0	3414.2	3387.7	3285.3	3107.2	2872.3
20°	3395.2	3402.8	3440.6	3448.3	3440.6	3402.8	3395.2	3361.1	3304.3	3239.9	3061.8
22.5°	3387.7	3402.8	3433.1	3429.4	3433.1	3402.8	3387.7	3334.6	3285.3	3239.9	3167.9
25°	3349.7	3349.7	3353.6	3357.3	3353.6	3349.7	3349.7	3308.0	3209.6	3198.2	3156.5
27.5°	3270.2	3277.7	3300.5	3296.7	3300.5	3277.7	3270.2	3255.0	3148.9	3137.6	3107.2
30°	3198.2	3190.6	3171.6	3156.5	3171.6	3190.6	3198.2	3175.4	3069.3	3039.0	3046.6
32.5°	3076.9	3058.0	3039.0	3027.7	3039.0	3058.0	3076.9	3069.3	2989.8	2948.1	2955.7
35°	2932.9	2936.7	2932.9	2921.5	2932.9	2936.7	2932.9	2940.5	2891.2	2853.4	2849.5
37.5°	2830.6	2838.2	2834.4	2819.2	2834.4	2838.2	2830.6	2823.1	2754.8	2743.4	2751.1
40°	2724.5	2728.3	2724.5	2713.1	2724.5	2728.3	2724.5	2709.4	2614.7	2618.4	2645.0
42.5°	2622.2	2618.4	2607.0	2599.5	2607.0	2618.4	2622.2	2599.5	2478.2	2466.9	2516.1
45°	2504.7	2508.5	2485.8	2474.4	2485.8	2508.5	2504.7	2489.6	2364.6	2334.2	2368.3
47.5°	2387.2	2387.2	2368.3	2356.9	2368.3	2387.2	2387.2	2368.3	2235.7	2205.4	2224.3
50°	2262.2	2258.5	2231.9	2228.1	2231.9	2258.5	2262.2	2250.8	2110.7	2084.1	2084.1
52.5°	2118.2	2118.2	2122.0	2129.6	2122.0	2118.2	2118.2	2122.0	1997.0	1970.4	1962.9
55°	1993.2	1997.0	2023.5	2031.0	2023.5	1997.0	1993.2	1993.2	1879.5	1853.0	1837.8
57.5°	1864.3	1864.3	1883.3	1883.3	1883.3	1864.3	1864.3	1856.7	1746.9	1724.1	1716.6
60°	1716.6	1724.1	1739.3	1735.5	1739.3	1724.1	1716.6	1708.9	1614.2	1599.1	1572.5
62.5°	1561.1	1568.8	1572.5	1565.0	1572.5	1568.8	1561.1	1538.5	1481.6	1470.2	1436.1
65°	1398.2	1405.8	1409.6	1402.1	1409.6	1405.8	1398.2	1386.9	1345.2	1326.3	1296.0
67.5°	1231.5	1227.7	1224.0	1239.1	1224.0	1227.7	1231.5	1216.4	1189.8	1174.6	1133.0
70°	1061.0	1061.0	1057.2	1064.8	1057.2	1061.0	1061.0	1049.6	1034.5	1023.1	985.3
72.5°	879.1	875.3	890.5	879.1	890.5	875.3	879.1	875.3	867.8	856.4	818.5
75°	701.0	708.6	701.0	712.4	701.0	708.6	701.0	704.8	701.0	693.5	666.9
77.5°	534.3	541.9	534.3	534.3	534.3	541.9	534.3	538.0	538.0	538.0	515.4
80°	379.0	375.1	375.1	371.3	375.1	375.1	379.0	379.0	382.7	375.1	367.6
82.5°	242.5	238.7	238.7	246.3	238.7	238.7	242.5	246.3	238.7	238.7	238.7
85°	132.6	136.4	128.9	128.9	128.9	136.4	132.6	125.0	132.6	132.6	128.9
87.5°	49.2	45.5	45.5	45.5	45.5	45.5	49.2	53.1	53.1	53.1	56.9
90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7
92.5°	54.6	52.4	43.8	35.1	43.8	52.4	54.6	77.3	107.7	122.9	107.9
95°	185.3	178.7	152.4	126.1	152.4	178.7	185.3	243.3	320.6	359.4	303.5
97.5°	427.7	415.2	365.2	315.1	365.2	415.2	427.7	464.4	513.3	537.8	444.6
100°	600.7	585.7	526.2	466.5	526.2	585.7	600.7	598.0	594.4	592.6	489.3
102.5°	748.3	735.5	684.4	633.4	684.4	735.5	748.3	701.5	639.3	608.1	503.3
105°	920.6	913.7	886.3	858.9	886.3	913.7	920.6	815.9	676.2	606.4	504.9
107.5°	1010.3	1011.9	1018.6	1025.2	1018.6	1011.9	1010.3	864.1	669.3	571.9	482.4
110°	1033.2	1040.4	1069.0	1097.6	1069.0	1040.4	1033.2	869.9	652.1	543.2	462.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1018.6	1029.6	1073.5	1117.4	1073.5	1029.6	1018.6	851.4	628.6	517.1	445.1
115°	968.9	984.1	1045.0	1105.9	1045.0	984.1	968.9	807.8	593.1	485.7	425.1
117.5°	900.3	917.2	984.7	1052.2	984.7	917.2	900.3	755.0	561.2	464.2	412.7
120°	854.0	870.4	936.0	1001.6	936.0	870.4	854.0	721.2	544.1	455.5	408.4
122.5°	807.7	823.9	888.7	953.4	888.7	823.9	807.7	688.1	528.7	448.9	406.2
125°	746.5	761.5	821.0	880.7	821.0	761.5	746.5	644.9	509.5	441.8	404.5
127.5°	697.4	710.0	760.3	810.6	760.3	710.0	697.4	610.2	493.9	435.7	403.4
130°	666.4	678.1	724.6	771.0	724.6	678.1	666.4	588.8	485.3	433.5	404.0
132.5°	640.0	650.5	692.0	733.6	692.0	650.5	640.0	570.5	477.8	431.4	404.5
135°	602.7	611.6	647.5	683.3	647.5	611.6	602.7	544.4	466.8	428.0	404.1
137.5°	575.0	582.4	611.7	641.2	611.7	582.4	575.0	525.8	460.2	427.4	406.6
140°	553.0	559.8	587.3	614.7	587.3	559.8	553.0	510.4	453.7	425.4	407.0
142.5°	537.5	543.4	567.0	590.6	567.0	543.4	537.5	500.1	450.3	425.4	408.4
145°	514.1	518.6	536.5	554.4	536.5	518.6	514.1	483.6	442.9	422.6	408.4
147.5°	494.6	498.4	513.2	528.0	513.2	498.4	494.6	470.6	438.6	422.6	411.3
150°	483.4	486.4	498.5	510.4	498.5	486.4	483.4	463.2	436.1	422.6	412.7
152.5°	474.6	476.9	485.8	494.9	485.8	476.9	474.6	457.3	434.1	422.6	413.7
155°	463.9	465.5	471.4	477.4	471.4	465.5	463.9	450.2	431.7	422.6	415.8
157.5°	454.7	455.7	460.0	464.2	460.0	455.7	454.7	444.0	429.7	422.6	417.9
160°	450.1	450.7	453.1	455.5	453.1	450.7	450.1	440.9	428.7	422.6	418.8
162.5°	445.8	446.4	448.7	450.9	448.7	446.4	445.8	438.0	427.7	422.6	419.9
165°	439.2	439.8	442.2	444.6	442.2	439.8	439.2	433.6	426.3	422.6	421.3
167.5°	436.3	436.6	437.6	438.6	437.6	436.6	436.3	432.7	427.8	425.4	424.4
170°	436.3	436.3	436.3	436.3	436.3	436.3	436.3	432.7	427.8	425.4	425.3
172.5°	434.0	433.8	432.9	432.0	432.9	433.8	434.0	431.2	427.3	425.4	425.4
175°	430.9	430.9	430.9	430.9	430.9	430.9	430.9	429.1	426.7	425.4	426.0
177.5°	430.3	430.0	429.1	428.0	429.1	430.0	430.3	428.9	426.9	426.0	426.5
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4005.3	4005.3	4005.3	4005.3	4005.3
2.5°	3956.0	3975.0	3986.3	4001.5	4039.4
5°	3804.5	3876.5	3899.2	3956.0	4024.3
7.5°	3471.0	3690.8	3751.4	3887.9	3993.9
10°	3148.9	3368.7	3474.8	3796.8	3956.0
12.5°	2986.0	3114.8	3186.8	3637.8	3903.0
15°	2883.7	2974.6	3027.7	3425.5	3842.4
17.5°	2804.0	2868.5	2906.4	3217.1	3759.0
20°	2754.8	2785.1	2819.2	3065.5	3664.3
22.5°	2720.7	2701.8	2728.3	2959.5	3535.4
25°	2698.0	2626.0	2656.3	2876.1	3383.9
27.5°	2717.0	2557.8	2569.2	2800.3	3224.7
30°	2720.7	2474.4	2478.2	2720.7	3046.6
32.5°	2694.2	2387.2	2391.1	2622.2	2845.7
35°	2629.8	2284.9	2281.2	2508.5	2573.0
37.5°	2542.6	2175.1	2175.1	2383.5	2273.6
40°	2436.6	2065.2	2076.5	2220.5	2008.4
42.5°	2307.7	1947.7	1962.9	2004.5	1811.3
45°	2167.4	1834.0	1845.4	1693.8	1659.7
47.5°	2012.1	1716.6	1720.3	1405.8	1610.5
50°	1826.4	1595.3	1580.2	1205.0	1606.7
52.5°	1663.5	1462.7	1417.2	1091.3	1458.9
55°	1504.4	1322.4	1224.0	1004.2	1352.7
57.5°	1364.1	1140.6	1045.9	901.9	1330.1
60°	1235.3	962.5	890.5	792.0	1220.1
62.5°	1129.2	829.9	814.7	716.1	1106.5
65°	1015.6	738.9	735.2	651.8	939.7
67.5°	905.6	678.3	674.5	591.1	716.1
70°	788.2	613.8	606.3	526.8	530.5
72.5°	666.9	541.9	534.3	473.7	439.6
75°	545.7	458.5	454.7	413.0	356.2
77.5°	428.2	363.8	371.3	333.5	261.5
80°	307.0	265.3	272.8	238.7	197.0
82.5°	204.6	174.3	181.9	151.5	132.6
85°	113.7	98.6	102.3	79.5	60.6
87.5°	53.1	45.5	45.5	30.3	18.9
90°	12.6	8.0	7.5	5.2	2.9
92.5°	77.9	55.4	50.6	31.0	11.5
95°	191.8	108.0	99.0	63.3	27.5
97.5°	258.3	118.6	110.8	79.3	47.7
100°	282.6	127.5	120.4	91.8	63.2
102.5°	293.7	136.4	129.7	103.1	76.4
105°	301.9	149.6	144.0	121.4	98.9
107.5°	303.4	169.2	164.0	142.8	121.8
110°	301.1	180.1	175.3	156.3	137.3



TEST NUMBER: P934009

CATALOG NUMBER: SQ4-FA-025U-100D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	301.2	193.3	188.8	170.6	152.6
115°	304.0	213.2	209.0	192.3	175.5
117.5°	309.6	232.4	228.6	213.4	198.2
120°	314.2	243.6	240.1	225.7	211.4
122.5°	320.8	256.8	253.1	238.8	224.4
125°	329.8	273.8	270.5	257.4	244.2
127.5°	338.7	290.1	286.8	273.5	260.2
130°	345.2	301.0	297.5	283.2	268.8
132.5°	350.5	309.9	306.4	292.1	277.8
135°	356.2	320.3	317.0	304.0	291.0
137.5°	364.8	333.5	330.2	317.4	304.5
140°	370.1	342.4	339.5	327.5	315.7
142.5°	374.5	349.0	346.3	335.3	324.3
145°	380.2	359.1	356.7	347.1	337.6
147.5°	388.6	371.7	369.4	360.0	350.8
150°	393.0	378.3	376.2	367.8	359.4
152.5°	395.9	382.6	381.0	374.7	368.3
155°	402.2	392.1	390.9	386.1	381.4
157.5°	408.6	401.6	400.5	395.8	391.2
160°	411.5	405.9	405.1	401.4	397.9
162.5°	414.5	410.5	409.8	407.2	404.5
165°	418.9	417.1	416.5	414.0	411.7
167.5°	422.4	420.8	420.5	419.4	418.2
170°	425.2	425.1	424.8	423.7	422.6
172.5°	425.4	425.4	425.3	425.1	424.8
175°	427.1	428.0	428.0	428.0	428.0
177.5°	427.3	428.0	428.0	428.0	428.0
180°	428.0	428.0	428.0	428.0	428.0



TEST NUMBER: P934009
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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	15.89	17.09	16.55	17.77	18.56	18.74	19.94	19.40	20.62	21.41
	3H	16.39	17.47	17.07	18.16	18.98	20.12	21.20	20.79	21.88	22.71
	4H	16.60	17.61	17.29	18.31	19.15	20.58	21.60	21.28	22.30	23.13
	6H	16.73	17.67	17.44	18.38	19.23	20.89	21.83	21.60	22.54	23.39
	8H	16.75	17.64	17.46	18.37	19.22	20.98	21.87	21.70	22.60	23.45
	12H	16.73	17.58	17.45	18.30	19.18	21.03	21.88	21.76	22.61	23.49
4H	2H	16.97	17.98	17.67	18.68	19.52	19.19	20.21	19.89	20.91	21.74
	3H	18.03	18.87	18.74	19.61	20.46	20.73	21.58	21.44	22.32	23.17
	4H	18.32	19.08	19.04	19.82	20.71	21.28	22.05	22.01	22.79	23.67
	6H	18.46	19.13	19.21	19.89	20.78	21.67	22.34	22.42	23.10	23.99
	8H	18.47	19.10	19.22	19.86	20.76	21.79	22.41	22.54	23.17	24.07
	12H	18.46	19.02	19.23	19.80	20.71	21.86	22.42	22.63	23.21	24.12
8H	4H	18.80	19.42	19.55	20.18	21.09	21.43	22.05	22.18	22.81	23.72
	6H	19.08	19.59	19.86	20.39	21.30	21.89	22.40	22.67	23.21	24.11
	8H	19.12	19.58	19.91	20.38	21.31	22.04	22.50	22.84	23.31	24.23
	12H	19.12	19.53	19.92	20.32	21.30	22.16	22.57	22.96	23.36	24.34
12H	4H	18.82	19.38	19.59	20.17	21.08	21.41	21.97	22.18	22.75	23.66
	6H	19.14	19.60	19.93	20.40	21.32	21.89	22.35	22.68	23.15	24.07
	8H	19.22	19.63	20.02	20.42	21.40	22.07	22.47	22.86	23.26	24.25