

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: P934017

Luminaire Tested: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934017
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-840-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

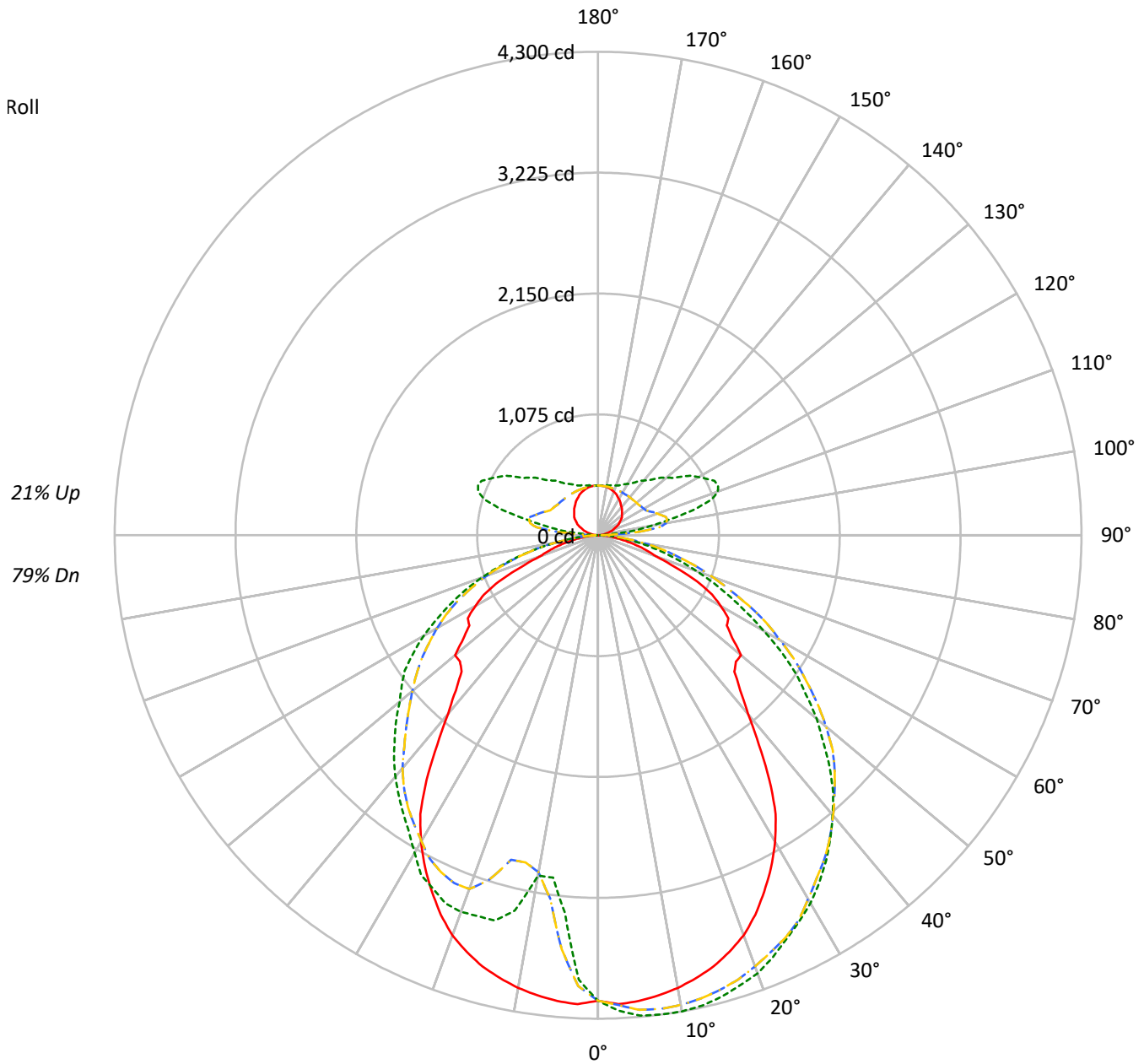
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13601.8 lumens
Efficiency: N/A
Efficacy: 116.9 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

TEST NUMBER: P934017
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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	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													
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67													
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56													
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47													
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41													
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35													
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31													
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27													
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24													
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22													
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20													

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12803	12803	12803	12803
5°	12904	12924	12904	10162
10°	12822	12731	12822	9102
15°	12688	12455	12688	10400
20°	12427	12129	12427	10422
25°	11889	11652	11889	10201
30°	11192	11256	11192	9717
35°	9982	10756	9982	9183
40°	8323	10167	8323	8781
45°	7441	9477	7441	8318
50°	7911	8655	7911	7853
55°	7450	7768	7450	7584
60°	7690	6598	7690	6947
65°	6983	5454	6983	6097
70°	4847	4346	4847	5110
75°	4266	3213	4266	3848
80°	3463	2124	3463	2312
85°	2028	1125	2028	957

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11397 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.6	2.7
10°-20°	1060.9	7.8
20°-30°	1640.0	12.1
30°-40°	1957.8	14.4
40°-50°	1969.2	14.5
50°-60°	1713.5	12.6
60°-70°	1214.9	8.9
70°-80°	642.7	4.7
80°-90°	161.8	1.2
90°-100°	215.6	1.6
100°-110°	566.9	4.2
110°-120°	587.8	4.3
120°-130°	471.5	3.5
130°-140°	369.9	2.7
140°-150°	283.9	2.1
150°-160°	204.5	1.5
160°-170°	125.1	0.9
170°-180°	42.3	0.3
0°-30°	3074.5	22.6
0°-40°	5032.3	37.0
0°-60°	8715.0	64.1
0°-90°	10734.3	78.9
90°-120°	1370.3	10.1
90°-150°	2495.6	18.3
90°-180°	2867.0	21.1
0°-180°	13601.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4139	4139	4139	4139	4139	
5°	4159	4288	4159	3372	4159	395
15°	3971	4249	3971	3548	3971	1117
25°	3497	3963	3497	3470	3497	1606
35°	2659	3536	2659	3019	2659	1645
45°	1715	2914	1715	2557	1715	1374
55°	1398	2150	1398	2099	1398	1285
65°	971	1296	971	1449	971	928
75°	368	615	368	736	368	387
85°	63	157	63	133	63	85
90°	3	11	3	11	3	5
95°	28	130	28	130	28	32
105°	102	888	102	888	102	108
115°	181	1143	181	1143	181	179
125°	252	910	252	910	252	224
135°	301	706	301	706	301	233
145°	349	573	349	573	349	219
155°	394	493	394	493	394	181
165°	425	460	425	460	425	120
175°	442	445	442	445	442	42
180°	442	442	442	442	442	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4174.6	4174.6	4198.1	4205.9	4205.9	4194.2	4182.4	4194.2	4229.4	4241.2	4237.2
5°	4159.0	4190.3	4233.4	4241.2	4249.0	4245.1	4237.2	4245.1	4284.3	4292.1	4296.0
7.5°	4127.6	4186.4	4241.2	4252.9	4264.7	4252.9	4249.0	4256.9	4296.0	4303.8	4303.8
10°	4088.4	4170.7	4233.4	4241.2	4252.9	4241.2	4241.2	4256.9	4296.0	4303.8	4307.8
12.5°	4033.6	4147.2	4205.9	4213.8	4229.4	4225.5	4221.6	4237.2	4276.5	4284.3	4284.3
15°	3971.0	4104.2	4159.0	4166.8	4194.2	4186.4	4186.4	4202.1	4245.1	4256.9	4252.9
17.5°	3884.8	4049.3	4112.0	4123.7	4143.3	4139.3	4143.3	4159.0	4198.1	4205.9	4209.9
20°	3786.9	3974.9	4049.3	4061.1	4080.6	4080.6	4080.6	4100.2	4139.3	4155.0	4155.0
22.5°	3653.7	3896.6	3974.9	3982.7	4006.2	4006.2	4014.0	4041.4	4076.7	4080.6	4080.6
25°	3497.1	3810.4	3877.0	3900.5	3923.9	3935.7	3947.5	3963.2	3974.9	3971.0	3974.9
27.5°	3332.6	3700.8	3786.9	3802.6	3833.9	3845.7	3861.3	3865.3	3869.1	3880.9	3873.1
30°	3148.6	3548.0	3677.2	3692.9	3743.8	3751.6	3736.0	3743.8	3763.4	3771.3	3779.1
32.5°	2941.0	3320.9	3563.7	3598.9	3645.9	3622.4	3618.6	3630.3	3661.6	3661.6	3669.4
35°	2659.1	3144.7	3458.0	3489.3	3524.5	3497.1	3512.7	3516.7	3536.2	3548.0	3544.2
37.5°	2349.7	2992.0	3348.3	3371.8	3399.2	3363.9	3387.5	3399.2	3414.9	3407.0	3407.0
40°	2075.6	2753.1	3219.1	3234.7	3258.2	3230.9	3254.3	3262.2	3270.0	3262.2	3258.2
42.5°	1872.0	2490.6	3082.0	3101.6	3085.9	3105.5	3113.3	3129.0	3117.2	3101.6	3101.6
45°	1715.3	2420.2	2933.2	2956.7	2933.2	2964.5	2976.3	2976.3	2941.0	2933.2	2929.3
47.5°	1664.4	2279.2	2784.4	2784.4	2772.6	2811.7	2831.4	2803.9	2768.7	2757.0	2757.0
50°	1660.4	2122.5	2580.8	2565.0	2619.9	2666.9	2647.3	2619.9	2592.5	2549.4	2549.4
52.5°	1507.7	1930.7	2318.3	2377.1	2463.3	2490.6	2459.3	2432.0	2384.9	2365.4	2349.7
55°	1398.0	1731.0	2079.4	2196.9	2287.0	2322.3	2263.5	2236.1	2165.6	2153.8	2146.0
57.5°	1374.6	1441.1	1860.2	2009.0	2118.7	2114.7	2079.4	2028.6	1969.8	1958.1	1954.2
60°	1261.0	1041.6	1625.2	1801.4	1915.0	1903.3	1872.0	1824.9	1770.1	1762.3	1754.4
62.5°	1143.5	755.8	1358.9	1558.7	1719.2	1715.3	1687.9	1617.4	1578.2	1558.7	1543.0
65°	971.2	634.4	967.3	1296.3	1527.3	1535.2	1476.4	1425.5	1382.4	1358.9	1354.9
67.5°	740.1	516.9	654.0	1080.9	1343.3	1335.4	1261.0	1237.5	1182.6	1170.9	1147.5
70°	548.2	344.6	454.3	877.2	1163.1	1143.5	1084.7	1057.4	1006.5	979.0	963.4
72.5°	454.3	278.0	332.9	681.4	979.0	955.5	904.6	873.3	830.2	806.7	791.1
75°	368.1	293.7	254.5	505.2	794.9	779.3	732.3	701.0	665.7	634.4	638.3
77.5°	270.2	274.2	203.6	372.1	630.5	607.0	579.6	540.4	524.7	493.4	493.4
80°	203.6	215.4	152.7	254.5	454.3	454.3	430.8	403.4	375.9	360.3	360.3
82.5°	137.0	137.0	113.5	160.6	309.3	297.6	282.0	274.2	258.5	250.7	250.7
85°	62.6	78.3	70.4	97.9	168.4	176.3	176.3	168.4	164.5	156.6	160.6
87.5°	19.6	35.3	43.1	54.8	86.2	90.1	94.0	94.0	94.0	97.9	97.9
90°	3.0	5.3	7.7	8.3	13.0	19.4	22.5	20.1	15.0	11.3	11.3
92.5°	11.9	32.0	52.3	57.3	80.5	111.5	127.1	111.3	79.9	56.4	54.1
95°	28.5	65.4	102.4	111.6	198.2	313.7	371.4	331.4	251.4	191.5	184.7
97.5°	49.3	81.9	114.5	122.6	267.0	459.5	555.8	530.5	480.0	442.0	429.1
100°	65.3	94.8	124.4	131.8	292.1	505.7	612.5	614.3	618.0	620.8	605.3
102.5°	78.9	106.5	134.1	141.0	303.5	520.2	628.5	660.7	725.0	773.3	760.1
105°	102.2	125.5	148.8	154.6	312.0	521.8	626.7	698.8	843.2	951.4	944.3
107.5°	125.9	147.6	169.4	174.9	313.6	498.5	591.0	691.7	893.1	1044.1	1045.8
110°	141.9	161.5	181.2	186.1	311.2	478.0	561.4	673.9	899.0	1067.8	1075.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.7	176.4	195.1	199.8	311.3	460.0	534.4	649.6	879.9	1052.7	1064.1
115°	181.4	198.7	216.0	220.3	314.2	439.4	502.0	613.0	834.9	1001.3	1017.0
117.5°	204.8	220.5	236.2	240.2	320.0	426.5	479.8	580.0	780.2	930.4	947.9
120°	218.4	233.3	248.1	251.7	324.8	422.1	470.8	562.3	745.3	882.6	899.6
122.5°	231.9	246.8	261.6	265.4	331.6	419.8	464.0	546.4	711.2	834.8	851.5
125°	252.3	266.0	279.6	283.0	340.9	418.0	456.6	526.5	666.5	771.5	786.9
127.5°	268.9	282.7	296.4	299.9	350.0	416.9	450.3	510.4	630.6	720.7	733.8
130°	277.8	292.6	307.5	311.1	356.8	417.5	448.0	501.5	608.5	688.7	700.8
132.5°	287.1	301.8	316.7	320.3	362.2	418.0	445.9	493.8	589.6	661.5	672.2
135°	300.7	314.2	327.6	331.0	368.1	417.6	442.3	482.4	562.7	622.8	632.1
137.5°	314.7	328.0	341.3	344.6	377.0	420.2	441.7	475.6	543.4	594.3	601.9
140°	326.2	338.5	350.8	353.9	382.5	420.6	439.7	468.9	527.5	571.5	578.6
142.5°	335.1	346.5	357.9	360.7	387.0	422.1	439.7	465.3	516.8	555.5	561.6
145°	348.9	358.7	368.6	371.1	392.9	422.1	436.7	457.7	499.8	531.3	536.0
147.5°	362.5	372.1	381.8	384.1	401.6	425.0	436.7	453.3	486.4	511.2	515.0
150°	371.4	380.1	388.8	391.0	406.2	426.5	436.7	450.7	478.7	499.6	502.7
152.5°	380.6	387.2	393.7	395.4	409.1	427.5	436.7	448.7	472.6	490.4	492.8
155°	394.2	399.1	404.0	405.2	415.7	429.7	436.7	446.2	465.2	479.5	481.1
157.5°	404.3	409.0	413.9	415.1	422.3	431.9	436.7	444.1	458.8	469.9	471.0
160°	411.2	414.9	418.6	419.5	425.2	432.8	436.7	443.0	455.7	465.2	465.7
162.5°	418.0	420.8	423.6	424.2	428.4	433.9	436.7	442.0	452.7	460.7	461.3
165°	425.4	427.9	430.5	431.1	432.9	435.4	436.7	440.5	448.2	453.9	454.5
167.5°	432.2	433.4	434.6	434.9	436.5	438.6	439.7	442.1	447.2	450.9	451.2
170°	436.7	437.9	439.1	439.4	439.5	439.6	439.7	442.1	447.2	450.9	450.9
172.5°	439.1	439.4	439.6	439.7	439.7	439.7	439.7	441.6	445.6	448.6	448.4
175°	442.3	442.3	442.3	442.3	441.4	440.3	439.7	440.9	443.4	445.3	445.3
177.5°	442.3	442.3	442.3	442.3	441.6	440.7	440.3	441.2	443.2	444.7	444.4
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4245.1	4233.4	4245.1	4237.2	4241.2	4229.4	4194.2	4182.4	4194.2	4205.9	4205.9
5°	4296.0	4288.2	4296.0	4296.0	4292.1	4284.3	4245.1	4237.2	4245.1	4249.0	4241.2
7.5°	4311.6	4300.0	4311.6	4303.8	4303.8	4296.0	4256.9	4249.0	4252.9	4264.7	4252.9
10°	4311.6	4300.0	4311.6	4307.8	4303.8	4296.0	4256.9	4241.2	4241.2	4252.9	4241.2
12.5°	4292.1	4284.3	4292.1	4284.3	4284.3	4276.5	4237.2	4221.6	4225.5	4229.4	4213.8
15°	4260.8	4249.0	4260.8	4252.9	4256.9	4245.1	4202.1	4186.4	4186.4	4194.2	4166.8
17.5°	4213.8	4198.1	4213.8	4209.9	4205.9	4198.1	4159.0	4143.3	4139.3	4143.3	4123.7
20°	4159.0	4147.2	4159.0	4155.0	4155.0	4139.3	4100.2	4080.6	4080.6	4080.6	4061.1
22.5°	4072.8	4061.1	4072.8	4080.6	4080.6	4076.7	4041.4	4014.0	4006.2	4006.2	3982.7
25°	3974.9	3963.2	3974.9	3974.9	3971.0	3974.9	3963.2	3947.5	3935.7	3923.9	3900.5
27.5°	3880.9	3873.1	3880.9	3873.1	3880.9	3869.1	3865.3	3861.3	3845.7	3833.9	3802.6
30°	3786.9	3779.1	3786.9	3779.1	3771.3	3763.4	3743.8	3736.0	3751.6	3743.8	3692.9
32.5°	3669.4	3661.6	3669.4	3669.4	3661.6	3661.6	3630.3	3618.6	3622.4	3645.9	3598.9
35°	3548.0	3536.2	3548.0	3544.2	3548.0	3536.2	3516.7	3512.7	3497.1	3524.5	3489.3
37.5°	3407.0	3395.3	3407.0	3407.0	3407.0	3414.9	3399.2	3387.5	3363.9	3399.2	3371.8
40°	3262.2	3246.5	3262.2	3258.2	3262.2	3270.0	3262.2	3254.3	3230.9	3258.2	3234.7
42.5°	3097.7	3093.7	3097.7	3101.6	3101.6	3117.2	3129.0	3113.3	3105.5	3085.9	3101.6
45°	2921.4	2913.6	2921.4	2929.3	2933.2	2941.0	2976.3	2976.3	2964.5	2933.2	2956.7
47.5°	2733.5	2713.9	2733.5	2757.0	2757.0	2768.7	2803.9	2831.4	2811.7	2772.6	2784.4
50°	2533.7	2537.7	2533.7	2549.4	2549.4	2592.5	2619.9	2647.3	2666.9	2619.9	2565.0
52.5°	2337.9	2334.1	2337.9	2349.7	2365.4	2384.9	2432.0	2459.3	2490.6	2463.3	2377.1
55°	2142.1	2150.0	2142.1	2146.0	2153.8	2165.6	2236.1	2263.5	2322.3	2287.0	2196.9
57.5°	1946.4	1934.6	1946.4	1954.2	1958.1	1969.8	2028.6	2079.4	2114.7	2118.7	2009.0
60°	1719.2	1703.5	1719.2	1754.4	1762.3	1770.1	1824.9	1872.0	1903.3	1915.0	1801.4
62.5°	1519.4	1492.1	1519.4	1543.0	1558.7	1578.2	1617.4	1687.9	1715.3	1719.2	1558.7
65°	1308.0	1296.3	1308.0	1354.9	1358.9	1382.4	1425.5	1476.4	1535.2	1527.3	1296.3
67.5°	1116.1	1116.1	1116.1	1147.5	1170.9	1182.6	1237.5	1261.0	1335.4	1343.3	1080.9
70°	939.9	935.9	939.9	963.4	979.0	1006.5	1057.4	1084.7	1143.5	1163.1	877.2
72.5°	771.5	767.6	771.5	791.1	806.7	830.2	873.3	904.6	955.5	979.0	681.4
75°	622.6	614.8	622.6	638.3	634.4	665.7	701.0	732.3	779.3	794.9	505.2
77.5°	477.8	477.8	477.8	493.4	493.4	524.7	540.4	579.6	607.0	630.5	372.1
80°	356.4	352.4	356.4	360.3	360.3	375.9	403.4	430.8	454.3	454.3	254.5
82.5°	250.7	242.8	250.7	250.7	250.7	258.5	274.2	282.0	297.6	309.3	160.6
85°	156.6	156.6	156.6	160.6	156.6	164.5	168.4	176.3	176.3	168.4	97.9
87.5°	101.9	97.9	101.9	97.9	97.9	94.0	94.0	94.0	90.1	86.2	54.8
90°	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.5	19.4	13.0	8.3
92.5°	45.3	36.3	45.3	54.1	56.4	79.9	111.3	127.1	111.5	80.5	57.3
95°	157.5	130.3	157.5	184.7	191.5	251.4	331.4	371.4	313.7	198.2	111.6
97.5°	377.4	325.6	377.4	429.1	442.0	480.0	530.5	555.8	459.5	267.0	122.6
100°	543.8	482.1	543.8	605.3	620.8	618.0	614.3	612.5	505.7	292.1	131.8
102.5°	707.3	654.6	707.3	760.1	773.3	725.0	660.7	628.5	520.2	303.5	141.0
105°	916.0	887.6	916.0	944.3	951.4	843.2	698.8	626.7	521.8	312.0	154.6
107.5°	1052.7	1059.5	1052.7	1045.8	1044.1	893.1	691.7	591.0	498.5	313.6	174.9
110°	1104.8	1134.3	1104.8	1075.2	1067.8	899.0	673.9	561.4	478.0	311.2	186.1



TEST NUMBER: P934017

CATALOG NUMBER: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1109.4	1154.8	1109.4	1064.1	1052.7	879.9	649.6	534.4	460.0	311.3	199.8
115°	1080.0	1142.9	1080.0	1017.0	1001.3	834.9	613.0	502.0	439.4	314.2	220.3
117.5°	1017.6	1087.4	1017.6	947.9	930.4	780.2	580.0	479.8	426.5	320.0	240.2
120°	967.4	1035.1	967.4	899.6	882.6	745.3	562.3	470.8	422.1	324.8	251.7
122.5°	918.4	985.3	918.4	851.5	834.8	711.2	546.4	464.0	419.8	331.6	265.4
125°	848.5	910.1	848.5	786.9	771.5	666.5	526.5	456.6	418.0	340.9	283.0
127.5°	785.8	837.7	785.8	733.8	720.7	630.6	510.4	450.3	416.9	350.0	299.9
130°	748.8	796.8	748.8	700.8	688.7	608.5	501.5	448.0	417.5	356.8	311.1
132.5°	715.2	758.2	715.2	672.2	661.5	589.6	493.8	445.9	418.0	362.2	320.3
135°	669.2	706.2	669.2	632.1	622.8	562.7	482.4	442.3	417.6	368.1	331.0
137.5°	632.2	662.7	632.2	601.9	594.3	543.4	475.6	441.7	420.2	377.0	344.6
140°	606.9	635.3	606.9	578.6	571.5	527.5	468.9	439.7	420.6	382.5	353.9
142.5°	586.0	610.4	586.0	561.6	555.5	516.8	465.3	439.7	422.1	387.0	360.7
145°	554.5	572.9	554.5	536.0	531.3	499.8	457.7	436.7	422.1	392.9	371.1
147.5°	530.4	545.7	530.4	515.0	511.2	486.4	453.3	436.7	425.0	401.6	384.1
150°	515.1	527.5	515.1	502.7	499.6	478.7	450.7	436.7	426.5	406.2	391.0
152.5°	502.1	511.5	502.1	492.8	490.4	472.6	448.7	436.7	427.5	409.1	395.4
155°	487.2	493.4	487.2	481.1	479.5	465.2	446.2	436.7	429.7	415.7	405.2
157.5°	475.4	479.8	475.4	471.0	469.9	458.8	444.1	436.7	431.9	422.3	415.1
160°	468.3	470.8	468.3	465.7	465.2	455.7	443.0	436.7	432.8	425.2	419.5
162.5°	463.7	466.0	463.7	461.3	460.7	452.7	442.0	436.7	433.9	428.4	424.2
165°	457.0	459.5	457.0	454.5	453.9	448.2	440.5	436.7	435.4	432.9	431.1
167.5°	452.2	453.3	452.2	451.2	450.9	447.2	442.1	439.7	438.6	436.5	434.9
170°	450.9	450.9	450.9	450.9	450.9	447.2	442.1	439.7	439.6	439.5	439.4
172.5°	447.4	446.5	447.4	448.4	448.6	445.6	441.6	439.7	439.7	439.7	439.7
175°	445.3	445.3	445.3	445.3	445.3	443.4	440.9	439.7	440.3	441.4	442.3
177.5°	443.4	442.3	443.4	444.4	444.7	443.2	441.2	440.3	440.7	441.6	442.3
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



TEST NUMBER: P934017

CATALOG NUMBER: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4198.1	4174.6	4174.6	4135.5	4119.8	4108.0	4088.4	4029.8	4014.0	3998.3	4021.9
5°	4233.4	4190.3	4159.0	4088.4	4029.8	4006.2	3931.8	3790.9	3696.8	3626.4	3587.2
7.5°	4241.2	4186.4	4127.6	4018.0	3877.0	3814.4	3587.2	3328.8	3258.2	3195.6	3156.4
10°	4233.4	4170.7	4088.4	3923.9	3591.1	3481.4	3254.3	3085.9	3042.8	3031.1	3042.8
12.5°	4205.9	4147.2	4033.6	3759.5	3293.5	3219.1	3085.9	2988.0	2980.2	2999.8	3105.5
15°	4159.0	4104.2	3971.0	3540.2	3129.0	3074.2	2980.2	2944.9	2988.0	3125.0	3442.3
17.5°	4112.0	4049.3	3884.8	3324.8	3003.7	2964.5	2897.9	2968.4	3211.2	3395.3	3501.1
20°	4049.3	3974.9	3786.9	3168.1	2913.6	2878.3	2847.0	3164.3	3348.3	3414.9	3473.6
22.5°	3974.9	3896.6	3653.7	3058.6	2819.7	2792.2	2811.7	3273.9	3348.3	3395.3	3446.2
25°	3877.0	3810.4	3497.1	2972.4	2745.3	2713.9	2788.3	3262.2	3305.3	3317.0	3418.8
27.5°	3786.9	3700.8	3332.6	2894.0	2655.2	2643.4	2807.9	3211.2	3242.6	3254.3	3363.9
30°	3677.2	3548.0	3148.6	2811.7	2561.2	2557.2	2811.7	3148.6	3140.8	3172.1	3281.7
32.5°	3563.7	3320.9	2941.0	2710.0	2471.1	2467.1	2784.4	3054.6	3046.8	3089.9	3172.1
35°	3458.0	3144.7	2659.1	2592.5	2357.6	2361.4	2717.8	2944.9	2948.9	2988.0	3038.9
37.5°	3348.3	2992.0	2349.7	2463.3	2247.9	2247.9	2627.7	2843.2	2835.3	2847.0	2917.6
40°	3219.1	2753.1	2075.6	2294.8	2146.0	2134.3	2518.1	2733.5	2706.0	2702.2	2800.1
42.5°	3082.0	2490.6	1872.0	2071.6	2028.6	2012.9	2384.9	2600.3	2549.4	2561.2	2686.5
45°	2933.2	2420.2	1715.3	1750.5	1907.1	1895.4	2240.0	2447.6	2412.3	2443.7	2572.9
47.5°	2784.4	2279.2	1664.4	1452.9	1777.9	1774.1	2079.4	2298.8	2279.2	2310.5	2447.6
50°	2580.8	2122.5	1660.4	1245.4	1633.1	1648.7	1887.6	2153.8	2153.8	2181.3	2326.1
52.5°	2318.3	1930.7	1507.7	1127.8	1464.6	1511.6	1719.2	2028.6	2036.4	2063.8	2193.1
55°	2079.4	1731.0	1398.0	1037.8	1264.9	1366.7	1554.7	1899.3	1915.0	1942.4	2059.9
57.5°	1860.2	1441.1	1374.6	932.1	1080.9	1178.8	1409.8	1774.1	1781.9	1805.4	1918.9
60°	1625.2	1041.6	1261.0	818.5	920.3	994.7	1276.7	1625.2	1652.6	1668.2	1766.1
62.5°	1358.9	755.8	1143.5	740.1	842.0	857.7	1167.0	1484.2	1519.4	1531.2	1590.0
65°	967.3	634.4	971.2	673.6	759.8	763.6	1049.6	1339.3	1370.7	1390.2	1433.3
67.5°	654.0	516.9	740.1	610.9	697.0	701.0	935.9	1170.9	1214.0	1229.7	1257.1
70°	454.3	344.6	548.2	544.4	626.6	634.4	814.6	1018.2	1057.4	1069.1	1084.7
72.5°	332.9	278.0	454.3	489.6	552.2	560.0	689.2	845.9	885.1	896.8	904.6
75°	254.5	293.7	368.1	426.8	469.9	473.8	564.0	689.2	716.7	724.5	728.4
77.5°	203.6	274.2	270.2	344.6	383.7	375.9	442.5	532.6	556.0	556.0	556.0
80°	152.7	215.4	203.6	246.7	282.0	274.2	317.2	379.9	387.7	395.5	391.6
82.5°	113.5	137.0	137.0	156.6	188.0	180.1	211.4	246.7	246.7	246.7	254.5
85°	70.4	78.3	62.6	82.2	105.7	101.9	117.5	133.2	137.0	137.0	129.2
87.5°	43.1	35.3	19.6	31.3	47.0	47.0	54.8	58.8	54.8	54.8	54.8
90°	7.7	5.3	3.0	5.3	7.7	8.3	13.0	19.4	22.5	20.1	15.0
92.5°	52.3	32.0	11.9	32.0	52.3	57.3	80.5	111.5	127.1	111.3	79.9
95°	102.4	65.4	28.5	65.4	102.4	111.6	198.2	313.7	371.4	331.4	251.4
97.5°	114.5	81.9	49.3	81.9	114.5	122.6	267.0	459.5	555.8	530.5	480.0
100°	124.4	94.8	65.3	94.8	124.4	131.8	292.1	505.7	612.5	614.3	618.0
102.5°	134.1	106.5	78.9	106.5	134.1	141.0	303.5	520.2	628.5	660.7	725.0
105°	148.8	125.5	102.2	125.5	148.8	154.6	312.0	521.8	626.7	698.8	843.2
107.5°	169.4	147.6	125.9	147.6	169.4	174.9	313.6	498.5	591.0	691.7	893.1
110°	181.2	161.5	141.9	161.5	181.2	186.1	311.2	478.0	561.4	673.9	899.0



TEST NUMBER: P934017

CATALOG NUMBER: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	195.1	176.4	157.7	176.4	195.1	199.8	311.3	460.0	534.4	649.6	879.9
115°	216.0	198.7	181.4	198.7	216.0	220.3	314.2	439.4	502.0	613.0	834.9
117.5°	236.2	220.5	204.8	220.5	236.2	240.2	320.0	426.5	479.8	580.0	780.2
120°	248.1	233.3	218.4	233.3	248.1	251.7	324.8	422.1	470.8	562.3	745.3
122.5°	261.6	246.8	231.9	246.8	261.6	265.4	331.6	419.8	464.0	546.4	711.2
125°	279.6	266.0	252.3	266.0	279.6	283.0	340.9	418.0	456.6	526.5	666.5
127.5°	296.4	282.7	268.9	282.7	296.4	299.9	350.0	416.9	450.3	510.4	630.6
130°	307.5	292.6	277.8	292.6	307.5	311.1	356.8	417.5	448.0	501.5	608.5
132.5°	316.7	301.8	287.1	301.8	316.7	320.3	362.2	418.0	445.9	493.8	589.6
135°	327.6	314.2	300.7	314.2	327.6	331.0	368.1	417.6	442.3	482.4	562.7
137.5°	341.3	328.0	314.7	328.0	341.3	344.6	377.0	420.2	441.7	475.6	543.4
140°	350.8	338.5	326.2	338.5	350.8	353.9	382.5	420.6	439.7	468.9	527.5
142.5°	357.9	346.5	335.1	346.5	357.9	360.7	387.0	422.1	439.7	465.3	516.8
145°	368.6	358.7	348.9	358.7	368.6	371.1	392.9	422.1	436.7	457.7	499.8
147.5°	381.8	372.1	362.5	372.1	381.8	384.1	401.6	425.0	436.7	453.3	486.4
150°	388.8	380.1	371.4	380.1	388.8	391.0	406.2	426.5	436.7	450.7	478.7
152.5°	393.7	387.2	380.6	387.2	393.7	395.4	409.1	427.5	436.7	448.7	472.6
155°	404.0	399.1	394.2	399.1	404.0	405.2	415.7	429.7	436.7	446.2	465.2
157.5°	413.9	409.0	404.3	409.0	413.9	415.1	422.3	431.9	436.7	444.1	458.8
160°	418.6	414.9	411.2	414.9	418.6	419.5	425.2	432.8	436.7	443.0	455.7
162.5°	423.6	420.8	418.0	420.8	423.6	424.2	428.4	433.9	436.7	442.0	452.7
165°	430.5	427.9	425.4	427.9	430.5	431.1	432.9	435.4	436.7	440.5	448.2
167.5°	434.6	433.4	432.2	433.4	434.6	434.9	436.5	438.6	439.7	442.1	447.2
170°	439.1	437.9	436.7	437.9	439.1	439.4	439.5	439.6	439.7	442.1	447.2
172.5°	439.6	439.4	439.1	439.4	439.6	439.7	439.7	439.7	439.7	441.6	445.6
175°	442.3	442.3	442.3	442.3	442.3	442.3	441.4	440.3	439.7	440.9	443.4
177.5°	442.3	442.3	442.3	442.3	442.3	442.3	441.6	440.7	440.3	441.2	443.2
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



TEST NUMBER: P934017

CATALOG NUMBER: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	3994.5	3982.7	3998.3	3955.3	3998.3	3982.7	3994.5	4021.9	3998.3	4014.0	4029.8
5°	3504.9	3485.4	3422.7	3371.8	3422.7	3485.4	3504.9	3587.2	3626.4	3696.8	3790.9
7.5°	3132.9	3117.2	3101.6	3070.2	3101.6	3117.2	3132.9	3156.4	3195.6	3258.2	3328.8
10°	3050.6	3054.6	3078.1	3074.2	3078.1	3054.6	3050.6	3042.8	3031.1	3042.8	3085.9
12.5°	3262.2	3297.4	3426.6	3418.8	3426.6	3297.4	3262.2	3105.5	2999.8	2980.2	2988.0
15°	3504.9	3516.7	3544.2	3548.0	3544.2	3516.7	3504.9	3442.3	3125.0	2988.0	2944.9
17.5°	3528.4	3532.4	3552.0	3552.0	3552.0	3532.4	3528.4	3501.1	3395.3	3211.2	2968.4
20°	3508.9	3516.7	3555.8	3563.7	3555.8	3516.7	3508.9	3473.6	3414.9	3348.3	3164.3
22.5°	3501.1	3516.7	3548.0	3544.2	3548.0	3516.7	3501.1	3446.2	3395.3	3348.3	3273.9
25°	3461.9	3461.9	3465.8	3469.7	3465.8	3461.9	3461.9	3418.8	3317.0	3305.3	3262.2
27.5°	3379.7	3387.5	3411.0	3407.0	3411.0	3387.5	3379.7	3363.9	3254.3	3242.6	3211.2
30°	3305.3	3297.4	3277.8	3262.2	3277.8	3297.4	3305.3	3281.7	3172.1	3140.8	3148.6
32.5°	3179.9	3160.3	3140.8	3129.0	3140.8	3160.3	3179.9	3172.1	3089.9	3046.8	3054.6
35°	3031.1	3035.0	3031.1	3019.3	3031.1	3035.0	3031.1	3038.9	2988.0	2948.9	2944.9
37.5°	2925.4	2933.2	2929.3	2913.6	2929.3	2933.2	2925.4	2917.6	2847.0	2835.3	2843.2
40°	2815.7	2819.7	2815.7	2803.9	2815.7	2819.7	2815.7	2800.1	2702.2	2706.0	2733.5
42.5°	2710.0	2706.0	2694.3	2686.5	2694.3	2706.0	2710.0	2686.5	2561.2	2549.4	2600.3
45°	2588.6	2592.5	2569.0	2557.2	2569.0	2592.5	2588.6	2572.9	2443.7	2412.3	2447.6
47.5°	2467.1	2467.1	2447.6	2435.8	2447.6	2467.1	2467.1	2447.6	2310.5	2279.2	2298.8
50°	2337.9	2334.1	2306.6	2302.7	2306.6	2334.1	2337.9	2326.1	2181.3	2153.8	2153.8
52.5°	2189.1	2189.1	2193.1	2200.9	2193.1	2189.1	2189.1	2193.1	2063.8	2036.4	2028.6
55°	2059.9	2063.8	2091.2	2099.0	2091.2	2063.8	2059.9	2059.9	1942.4	1915.0	1899.3
57.5°	1926.7	1926.7	1946.4	1946.4	1946.4	1926.7	1926.7	1918.9	1805.4	1781.9	1774.1
60°	1774.1	1781.9	1797.5	1793.6	1797.5	1781.9	1774.1	1766.1	1668.2	1652.6	1625.2
62.5°	1613.4	1621.3	1625.2	1617.4	1625.2	1621.3	1613.4	1590.0	1531.2	1519.4	1484.2
65°	1445.0	1452.9	1456.8	1449.0	1456.8	1452.9	1445.0	1433.3	1390.2	1370.7	1339.3
67.5°	1272.7	1268.8	1264.9	1280.5	1264.9	1268.8	1272.7	1257.1	1229.7	1214.0	1170.9
70°	1096.5	1096.5	1092.6	1100.4	1092.6	1096.5	1096.5	1084.7	1069.1	1057.4	1018.2
72.5°	908.6	904.6	920.3	908.6	920.3	904.6	908.6	904.6	896.8	885.1	845.9
75°	724.5	732.3	724.5	736.3	724.5	732.3	724.5	728.4	724.5	716.7	689.2
77.5°	552.2	560.0	552.2	552.2	552.2	560.0	552.2	556.0	556.0	556.0	532.6
80°	391.6	387.7	387.7	383.7	387.7	387.7	391.6	391.6	395.5	387.7	379.9
82.5°	250.7	246.7	246.7	254.5	246.7	246.7	250.7	254.5	246.7	246.7	246.7
85°	137.0	141.0	133.2	133.2	133.2	141.0	137.0	129.2	137.0	137.0	133.2
87.5°	50.9	47.0	47.0	47.0	47.0	47.0	50.9	54.8	54.8	54.8	58.8
90°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.5	19.4
92.5°	56.4	54.1	45.3	36.3	45.3	54.1	56.4	79.9	111.3	127.1	111.5
95°	191.5	184.7	157.5	130.3	157.5	184.7	191.5	251.4	331.4	371.4	313.7
97.5°	442.0	429.1	377.4	325.6	377.4	429.1	442.0	480.0	530.5	555.8	459.5
100°	620.8	605.3	543.8	482.1	543.8	605.3	620.8	618.0	614.3	612.5	505.7
102.5°	773.3	760.1	707.3	654.6	707.3	760.1	773.3	725.0	660.7	628.5	520.2
105°	951.4	944.3	916.0	887.6	916.0	944.3	951.4	843.2	698.8	626.7	521.8
107.5°	1044.1	1045.8	1052.7	1059.5	1052.7	1045.8	1044.1	893.1	691.7	591.0	498.5
110°	1067.8	1075.2	1104.8	1134.3	1104.8	1075.2	1067.8	899.0	673.9	561.4	478.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1052.7	1064.1	1109.4	1154.8	1109.4	1064.1	1052.7	879.9	649.6	534.4	460.0
115°	1001.3	1017.0	1080.0	1142.9	1080.0	1017.0	1001.3	834.9	613.0	502.0	439.4
117.5°	930.4	947.9	1017.6	1087.4	1017.6	947.9	930.4	780.2	580.0	479.8	426.5
120°	882.6	899.6	967.4	1035.1	967.4	899.6	882.6	745.3	562.3	470.8	422.1
122.5°	834.8	851.5	918.4	985.3	918.4	851.5	834.8	711.2	546.4	464.0	419.8
125°	771.5	786.9	848.5	910.1	848.5	786.9	771.5	666.5	526.5	456.6	418.0
127.5°	720.7	733.8	785.8	837.7	785.8	733.8	720.7	630.6	510.4	450.3	416.9
130°	688.7	700.8	748.8	796.8	748.8	700.8	688.7	608.5	501.5	448.0	417.5
132.5°	661.5	672.2	715.2	758.2	715.2	672.2	661.5	589.6	493.8	445.9	418.0
135°	622.8	632.1	669.2	706.2	669.2	632.1	622.8	562.7	482.4	442.3	417.6
137.5°	594.3	601.9	632.2	662.7	632.2	601.9	594.3	543.4	475.6	441.7	420.2
140°	571.5	578.6	606.9	635.3	606.9	578.6	571.5	527.5	468.9	439.7	420.6
142.5°	555.5	561.6	586.0	610.4	586.0	561.6	555.5	516.8	465.3	439.7	422.1
145°	531.3	536.0	554.5	572.9	554.5	536.0	531.3	499.8	457.7	436.7	422.1
147.5°	511.2	515.0	530.4	545.7	530.4	515.0	511.2	486.4	453.3	436.7	425.0
150°	499.6	502.7	515.1	527.5	515.1	502.7	499.6	478.7	450.7	436.7	426.5
152.5°	490.4	492.8	502.1	511.5	502.1	492.8	490.4	472.6	448.7	436.7	427.5
155°	479.5	481.1	487.2	493.4	487.2	481.1	479.5	465.2	446.2	436.7	429.7
157.5°	469.9	471.0	475.4	479.8	475.4	471.0	469.9	458.8	444.1	436.7	431.9
160°	465.2	465.7	468.3	470.8	468.3	465.7	465.2	455.7	443.0	436.7	432.8
162.5°	460.7	461.3	463.7	466.0	463.7	461.3	460.7	452.7	442.0	436.7	433.9
165°	453.9	454.5	457.0	459.5	457.0	454.5	453.9	448.2	440.5	436.7	435.4
167.5°	450.9	451.2	452.2	453.3	452.2	451.2	450.9	447.2	442.1	439.7	438.6
170°	450.9	450.9	450.9	450.9	450.9	450.9	450.9	447.2	442.1	439.7	439.6
172.5°	448.6	448.4	447.4	446.5	447.4	448.4	448.6	445.6	441.6	439.7	439.7
175°	445.3	445.3	445.3	445.3	445.3	445.3	445.3	443.4	440.9	439.7	440.3
177.5°	444.7	444.4	443.4	442.3	443.4	444.4	444.7	443.2	441.2	440.3	440.7
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4088.4	4108.0	4119.8	4135.5	4174.6
5°	3931.8	4006.2	4029.8	4088.4	4159.0
7.5°	3587.2	3814.4	3877.0	4018.0	4127.6
10°	3254.3	3481.4	3591.1	3923.9	4088.4
12.5°	3085.9	3219.1	3293.5	3759.5	4033.6
15°	2980.2	3074.2	3129.0	3540.2	3971.0
17.5°	2897.9	2964.5	3003.7	3324.8	3884.8
20°	2847.0	2878.3	2913.6	3168.1	3786.9
22.5°	2811.7	2792.2	2819.7	3058.6	3653.7
25°	2788.3	2713.9	2745.3	2972.4	3497.1
27.5°	2807.9	2643.4	2655.2	2894.0	3332.6
30°	2811.7	2557.2	2561.2	2811.7	3148.6
32.5°	2784.4	2467.1	2471.1	2710.0	2941.0
35°	2717.8	2361.4	2357.6	2592.5	2659.1
37.5°	2627.7	2247.9	2247.9	2463.3	2349.7
40°	2518.1	2134.3	2146.0	2294.8	2075.6
42.5°	2384.9	2012.9	2028.6	2071.6	1872.0
45°	2240.0	1895.4	1907.1	1750.5	1715.3
47.5°	2079.4	1774.1	1777.9	1452.9	1664.4
50°	1887.6	1648.7	1633.1	1245.4	1660.4
52.5°	1719.2	1511.6	1464.6	1127.8	1507.7
55°	1554.7	1366.7	1264.9	1037.8	1398.0
57.5°	1409.8	1178.8	1080.9	932.1	1374.6
60°	1276.7	994.7	920.3	818.5	1261.0
62.5°	1167.0	857.7	842.0	740.1	1143.5
65°	1049.6	763.6	759.8	673.6	971.2
67.5°	935.9	701.0	697.0	610.9	740.1
70°	814.6	634.4	626.6	544.4	548.2
72.5°	689.2	560.0	552.2	489.6	454.3
75°	564.0	473.8	469.9	426.8	368.1
77.5°	442.5	375.9	383.7	344.6	270.2
80°	317.2	274.2	282.0	246.7	203.6
82.5°	211.4	180.1	188.0	156.6	137.0
85°	117.5	101.9	105.7	82.2	62.6
87.5°	54.8	47.0	47.0	31.3	19.6
90°	13.0	8.3	7.7	5.3	3.0
92.5°	80.5	57.3	52.3	32.0	11.9
95°	198.2	111.6	102.4	65.4	28.5
97.5°	267.0	122.6	114.5	81.9	49.3
100°	292.1	131.8	124.4	94.8	65.3
102.5°	303.5	141.0	134.1	106.5	78.9
105°	312.0	154.6	148.8	125.5	102.2
107.5°	313.6	174.9	169.4	147.6	125.9
110°	311.2	186.1	181.2	161.5	141.9



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CATALOG NUMBER: SQ4-FA-025U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	311.3	199.8	195.1	176.4	157.7
115°	314.2	220.3	216.0	198.7	181.4
117.5°	320.0	240.2	236.2	220.5	204.8
120°	324.8	251.7	248.1	233.3	218.4
122.5°	331.6	265.4	261.6	246.8	231.9
125°	340.9	283.0	279.6	266.0	252.3
127.5°	350.0	299.9	296.4	282.7	268.9
130°	356.8	311.1	307.5	292.6	277.8
132.5°	362.2	320.3	316.7	301.8	287.1
135°	368.1	331.0	327.6	314.2	300.7
137.5°	377.0	344.6	341.3	328.0	314.7
140°	382.5	353.9	350.8	338.5	326.2
142.5°	387.0	360.7	357.9	346.5	335.1
145°	392.9	371.1	368.6	358.7	348.9
147.5°	401.6	384.1	381.8	372.1	362.5
150°	406.2	391.0	388.8	380.1	371.4
152.5°	409.1	395.4	393.7	387.2	380.6
155°	415.7	405.2	404.0	399.1	394.2
157.5°	422.3	415.1	413.9	409.0	404.3
160°	425.2	419.5	418.6	414.9	411.2
162.5°	428.4	424.2	423.6	420.8	418.0
165°	432.9	431.1	430.5	427.9	425.4
167.5°	436.5	434.9	434.6	433.4	432.2
170°	439.5	439.4	439.1	437.9	436.7
172.5°	439.7	439.7	439.6	439.4	439.1
175°	441.4	442.3	442.3	442.3	442.3
177.5°	441.6	442.3	442.3	442.3	442.3
180°	442.3	442.3	442.3	442.3	442.3



TEST NUMBER: P934017
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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	16.01	17.20	16.67	17.88	18.67	18.86	20.06	19.52	20.73	21.52
	3H	16.51	17.58	17.18	18.27	19.09	20.23	21.31	20.91	22.00	22.82
	4H	16.71	17.73	17.41	18.43	19.26	20.70	21.71	21.39	22.41	23.25
	6H	16.85	17.79	17.56	18.50	19.35	21.00	21.94	21.71	22.65	23.50
	8H	16.86	17.75	17.58	18.48	19.34	21.09	21.99	21.81	22.72	23.57
	12H	16.84	17.70	17.57	18.42	19.30	21.14	22.00	21.87	22.72	23.60
4H	2H	17.08	18.10	17.78	18.80	19.63	19.30	20.32	20.00	21.02	21.85
	3H	18.14	18.99	18.85	19.72	20.58	20.85	21.69	21.56	22.43	23.28
	4H	18.43	19.20	19.16	19.94	20.82	21.39	22.16	22.12	22.90	23.78
	6H	18.57	19.24	19.32	20.00	20.90	21.78	22.45	22.53	23.21	24.11
	8H	18.59	19.21	19.34	19.97	20.87	21.90	22.52	22.65	23.28	24.19
	12H	18.57	19.13	19.34	19.92	20.82	21.98	22.54	22.75	23.32	24.23
8H	4H	18.91	19.54	19.67	20.30	21.20	21.54	22.17	22.30	22.93	23.83
	6H	19.19	19.71	19.97	20.51	21.41	22.00	22.52	22.78	23.32	24.23
	8H	19.24	19.69	20.03	20.50	21.42	22.16	22.62	22.95	23.42	24.34
	12H	19.23	19.64	20.03	20.43	21.41	22.28	22.68	23.07	23.48	24.46
12H	4H	18.94	19.50	19.71	20.28	21.19	21.53	22.08	22.30	22.87	23.78
	6H	19.25	19.71	20.05	20.52	21.44	22.00	22.46	22.79	23.26	24.19
	8H	19.34	19.74	20.13	20.54	21.52	22.18	22.59	22.98	23.38	24.36