

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: P933929

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933929
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

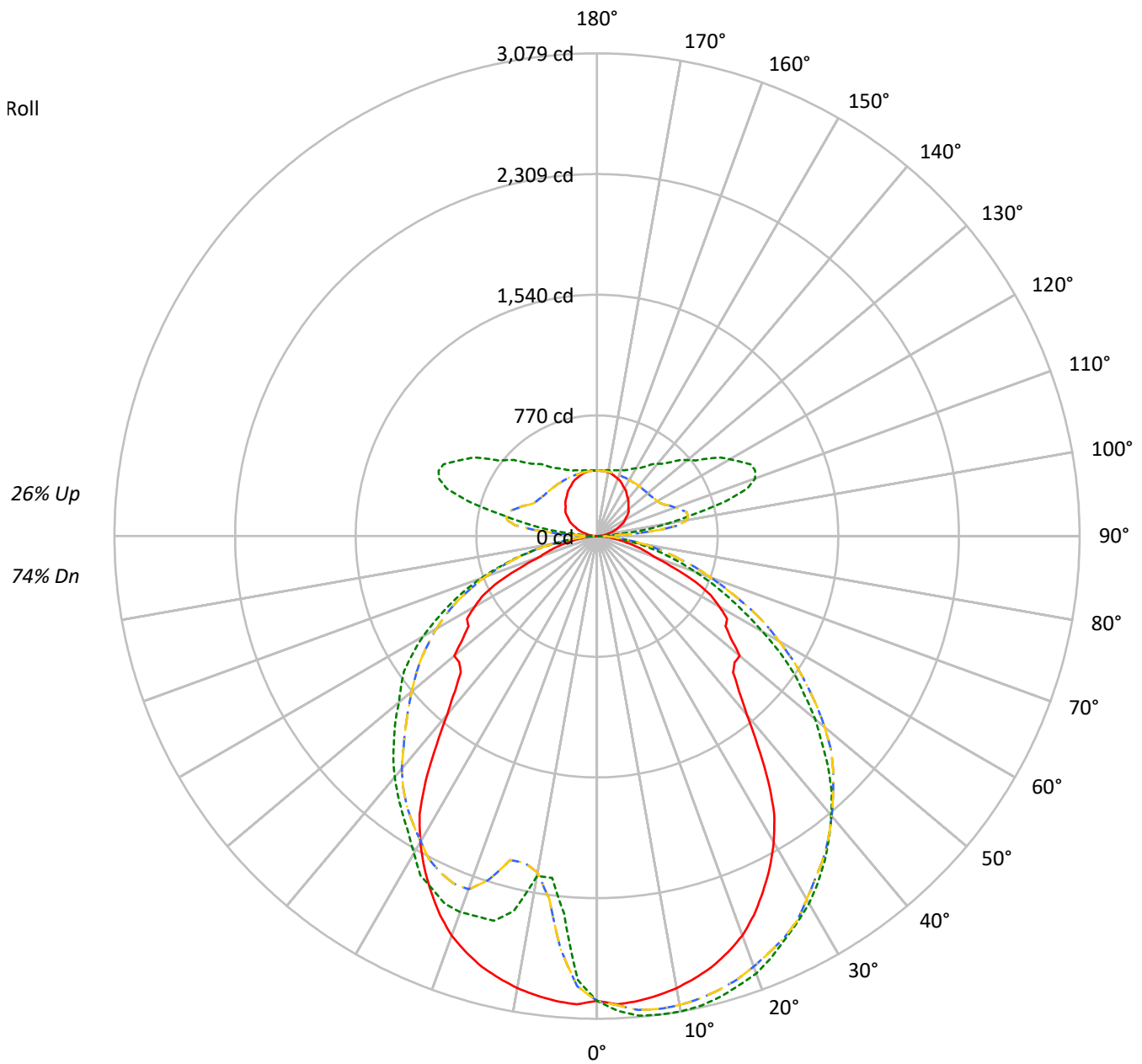
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10399.5 lumens
Efficiency: N/A
Efficacy: 115.5 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): 90
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9168	9168	9168	9168
5°	9240	9255	9240	7277
10°	9181	9116	9181	6517
15°	9085	8919	9085	7447
20°	8899	8685	8899	7463
25°	8513	8344	8513	7305
30°	8014	8060	8014	6957
35°	7148	7702	7148	6576
40°	5959	7280	5959	6287
45°	5328	6786	5328	5956
50°	5665	6197	5665	5623
55°	5335	5563	5335	5431
60°	5506	4724	5506	4974
65°	5000	3905	5000	4365
70°	3471	3112	3471	3659
75°	3055	2300	3055	2755
80°	2480	1521	2480	1656
85°	1455	806	1455	684

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8161 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.6	2.6
10°-20°	759.7	7.3
20°-30°	1174.3	11.3
30°-40°	1401.8	13.5
40°-50°	1410.1	13.6
50°-60°	1226.9	11.8
60°-70°	869.9	8.4
70°-80°	460.2	4.4
80°-90°	116.2	1.1
90°-100°	204.0	2.0
100°-110°	536.3	5.2
110°-120°	556.1	5.3
120°-130°	446.0	4.3
130°-140°	350.0	3.4
140°-150°	268.6	2.6
150°-160°	193.5	1.9
160°-170°	118.4	1.1
170°-180°	40.0	0.4
0°-30°	2201.5	21.2
0°-40°	3603.4	34.6
0°-60°	6240.3	60.0
0°-90°	7686.7	73.9
90°-120°	1296.3	12.5
90°-150°	2361.0	22.7
90°-180°	2713.0	26.1
0°-180°	10399.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2964	2964	2964	2964	2964	
5°	2978	3071	2978	2414	2978	283
15°	2844	3043	2844	2541	2844	800
25°	2504	2838	2504	2484	2504	1150
35°	1904	2532	1904	2162	1904	1178
45°	1228	2086	1228	1831	1228	984
55°	1001	1540	1001	1503	1001	920
65°	695	928	695	1038	695	665
75°	264	440	264	527	264	277
85°	45	112	45	95	45	61
90°	3	11	3	11	3	4
95°	27	123	27	123	27	30
105°	97	840	97	840	97	102
115°	172	1081	172	1081	172	169
125°	239	861	239	861	239	212
135°	284	668	284	668	284	220
145°	330	542	330	542	330	207
155°	373	467	373	467	373	171
165°	402	435	402	435	402	114
175°	418	421	418	421	418	40
180°	418	418	418	418	418	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2989.3	2989.3	3006.1	3011.7	3011.7	3003.3	2994.9	3003.3	3028.5	3037.0	3034.1
5°	2978.1	3000.5	3031.3	3037.0	3042.6	3039.8	3034.1	3039.8	3067.8	3073.4	3076.2
7.5°	2955.6	2997.7	3037.0	3045.4	3053.8	3045.4	3042.6	3048.2	3076.2	3081.8	3081.8
10°	2927.6	2986.5	3031.3	3037.0	3045.4	3037.0	3037.0	3048.2	3076.2	3081.8	3084.6
12.5°	2888.3	2969.7	3011.7	3017.3	3028.5	3025.7	3022.9	3034.1	3062.2	3067.8	3067.8
15°	2843.5	2938.8	2978.1	2983.7	3003.3	2997.7	2997.7	3008.9	3039.8	3048.2	3045.4
17.5°	2781.8	2899.6	2944.4	2952.8	2966.9	2964.0	2966.9	2978.1	3006.1	3011.7	3014.5
20°	2711.7	2846.3	2899.6	2908.0	2922.0	2922.0	2922.0	2936.0	2964.0	2975.3	2975.3
22.5°	2616.3	2790.2	2846.3	2851.9	2868.7	2868.7	2874.3	2893.9	2919.2	2922.0	2922.0
25°	2504.2	2728.5	2776.2	2793.0	2809.8	2818.2	2826.6	2837.9	2846.3	2843.5	2846.3
27.5°	2386.3	2650.0	2711.7	2722.9	2745.3	2753.7	2765.0	2767.8	2770.6	2779.0	2773.4
30°	2254.5	2540.6	2633.2	2644.4	2680.8	2686.4	2675.2	2680.8	2694.9	2700.5	2706.1
32.5°	2105.9	2377.9	2551.8	2577.1	2610.7	2593.9	2591.1	2599.5	2621.9	2621.9	2627.6
35°	1904.0	2251.7	2476.1	2498.6	2523.8	2504.2	2515.4	2518.2	2532.2	2540.6	2537.8
37.5°	1682.5	2142.3	2397.5	2414.3	2434.0	2408.7	2425.6	2434.0	2445.2	2439.6	2439.6
40°	1486.2	1971.3	2305.0	2316.2	2333.0	2313.4	2330.2	2335.8	2341.4	2335.8	2333.0
42.5°	1340.4	1783.4	2206.8	2220.9	2209.6	2223.7	2229.3	2240.5	2232.1	2220.9	2220.9
45°	1228.2	1732.9	2100.3	2117.1	2100.3	2122.7	2131.1	2131.1	2105.9	2100.3	2097.5
47.5°	1191.8	1632.0	1993.7	1993.7	1985.3	2013.4	2027.4	2007.7	1982.5	1974.1	1974.1
50°	1188.9	1519.8	1847.9	1836.7	1876.0	1909.6	1895.6	1876.0	1856.3	1825.5	1825.5
52.5°	1079.6	1382.4	1660.0	1702.1	1763.8	1783.4	1761.0	1741.4	1707.7	1693.7	1682.5
55°	1001.1	1239.4	1489.0	1573.1	1637.6	1662.8	1620.8	1601.2	1550.7	1542.3	1536.7
57.5°	984.2	1031.9	1332.0	1438.5	1517.0	1514.2	1489.0	1452.5	1410.5	1402.1	1399.3
60°	902.9	745.9	1163.7	1289.9	1371.2	1362.8	1340.4	1306.7	1267.5	1261.9	1256.2
62.5°	818.8	541.2	973.0	1116.0	1231.0	1228.2	1208.6	1158.1	1130.1	1116.0	1104.8
65°	695.4	454.3	692.6	928.2	1093.6	1099.2	1057.2	1020.7	989.9	973.0	970.2
67.5°	530.0	370.1	468.3	773.9	961.8	956.2	902.9	886.1	846.8	838.4	821.6
70°	392.6	246.8	325.3	628.1	832.8	818.8	776.7	757.1	720.7	701.0	689.8
72.5°	325.3	199.1	238.4	487.9	701.0	684.2	647.8	625.3	594.5	577.6	566.4
75°	263.6	210.3	182.3	361.7	569.2	558.0	524.4	501.9	476.7	454.3	457.1
77.5°	193.5	196.3	145.8	266.4	451.5	434.6	415.0	387.0	375.8	353.3	353.3
80°	145.8	154.2	109.4	182.3	325.3	325.3	308.5	288.8	269.2	258.0	258.0
82.5°	98.1	98.1	81.3	115.0	221.5	213.1	201.9	196.3	185.1	179.5	179.5
85°	44.9	56.1	50.5	70.1	120.6	126.2	126.2	120.6	117.8	112.2	115.0
87.5°	14.0	25.2	30.8	39.3	61.7	64.5	67.3	67.3	67.3	70.1	70.1
90°	2.8	5.0	7.3	7.9	12.3	18.3	21.3	19.0	14.2	10.7	10.7
92.5°	11.2	30.3	49.4	54.2	76.2	105.5	120.2	105.3	75.6	53.4	51.2
95°	26.9	61.9	96.8	105.6	187.5	296.8	351.4	313.5	237.9	181.1	174.7
97.5°	46.6	77.5	108.3	116.0	252.6	434.7	525.8	501.8	454.1	418.2	405.9
100°	61.8	89.7	117.7	124.7	276.3	478.4	579.4	581.2	584.7	587.3	572.7
102.5°	74.7	100.8	126.8	133.4	287.1	492.1	594.6	625.0	685.9	731.6	719.1
105°	96.6	118.7	140.8	146.3	295.2	493.6	592.9	661.1	797.7	900.1	893.4
107.5°	119.1	139.6	160.3	165.4	296.7	471.7	559.1	654.4	844.9	987.8	989.4
110°	134.2	152.8	171.4	176.1	294.4	452.2	531.1	637.6	850.5	1010.2	1017.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	149.2	166.8	184.6	189.0	294.5	435.2	505.6	614.6	832.4	995.9	1006.7
115°	171.6	188.0	204.3	208.4	297.2	415.7	474.9	579.9	789.8	947.3	962.2
117.5°	193.8	208.6	223.5	227.2	302.8	403.5	453.9	548.7	738.1	880.2	896.8
120°	206.7	220.7	234.7	238.2	307.2	399.3	445.4	531.9	705.1	835.0	851.0
122.5°	219.4	233.5	247.5	251.1	313.7	397.2	438.9	516.9	672.8	789.7	805.5
125°	238.7	251.6	264.5	267.7	322.5	395.5	431.9	498.1	630.6	729.9	744.5
127.5°	254.4	267.4	280.4	283.7	331.2	394.4	426.0	482.9	596.6	681.9	694.2
130°	262.8	276.9	290.9	294.3	337.5	395.0	423.8	474.5	575.7	651.6	663.0
132.5°	271.6	285.6	299.6	303.0	342.7	395.5	421.8	467.2	557.8	625.8	636.0
135°	284.5	297.2	309.9	313.1	348.3	395.1	418.5	456.4	532.3	589.2	598.0
137.5°	297.7	310.3	322.8	326.0	356.7	397.5	417.9	450.0	514.1	562.2	569.4
140°	308.6	320.2	331.9	334.8	361.8	397.9	415.9	443.6	499.0	540.6	547.4
142.5°	317.1	327.8	338.6	341.3	366.1	399.3	415.9	440.2	488.9	525.5	531.3
145°	330.0	339.4	348.7	351.1	371.7	399.3	413.1	433.0	472.9	502.7	507.1
147.5°	342.9	352.0	361.2	363.4	380.0	402.1	413.1	428.8	460.2	483.6	487.3
150°	351.4	359.6	367.8	369.9	384.3	403.5	413.1	426.4	452.9	472.7	475.6
152.5°	360.0	366.3	372.5	374.1	387.1	404.4	413.1	424.4	447.1	464.0	466.2
155°	372.9	377.5	382.2	383.3	393.2	406.5	413.1	422.1	440.2	453.6	455.1
157.5°	382.5	387.0	391.5	392.7	399.5	408.6	413.1	420.2	434.1	444.5	445.6
160°	389.0	392.5	396.0	396.9	402.3	409.5	413.1	419.1	431.1	440.1	440.6
162.5°	395.5	398.1	400.7	401.4	405.3	410.5	413.1	418.2	428.3	435.9	436.4
165°	402.5	404.8	407.3	407.8	409.6	411.9	413.1	416.8	424.0	429.4	430.0
167.5°	408.9	410.1	411.2	411.5	413.0	414.9	415.9	418.3	423.0	426.6	426.9
170°	413.1	414.3	415.4	415.7	415.8	415.9	415.9	418.3	423.0	426.6	426.6
172.5°	415.4	415.7	415.9	415.9	415.9	415.9	415.9	417.8	421.6	424.4	424.2
175°	418.5	418.5	418.5	418.5	417.6	416.5	415.9	417.2	419.5	421.3	421.3
177.5°	418.5	418.5	418.5	418.5	417.8	417.0	416.5	417.4	419.3	420.7	420.4
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	3039.8	3031.3	3039.8	3034.1	3037.0	3028.5	3003.3	2994.9	3003.3	3011.7	3011.7
5°	3076.2	3070.6	3076.2	3076.2	3073.4	3067.8	3039.8	3034.1	3039.8	3042.6	3037.0
7.5°	3087.4	3079.0	3087.4	3081.8	3081.8	3076.2	3048.2	3042.6	3045.4	3053.8	3045.4
10°	3087.4	3079.0	3087.4	3084.6	3081.8	3076.2	3048.2	3037.0	3037.0	3045.4	3037.0
12.5°	3073.4	3067.8	3073.4	3067.8	3067.8	3062.2	3034.1	3022.9	3025.7	3028.5	3017.3
15°	3051.0	3042.6	3051.0	3045.4	3048.2	3039.8	3008.9	2997.7	2997.7	3003.3	2983.7
17.5°	3017.3	3006.1	3017.3	3014.5	3011.7	3006.1	2978.1	2966.9	2964.0	2966.9	2952.8
20°	2978.1	2969.7	2978.1	2975.3	2975.3	2964.0	2936.0	2922.0	2922.0	2922.0	2908.0
22.5°	2916.4	2908.0	2916.4	2922.0	2922.0	2919.2	2893.9	2874.3	2868.7	2868.7	2851.9
25°	2846.3	2837.9	2846.3	2846.3	2843.5	2846.3	2837.9	2826.6	2818.2	2809.8	2793.0
27.5°	2779.0	2773.4	2779.0	2773.4	2779.0	2770.6	2767.8	2765.0	2753.7	2745.3	2722.9
30°	2711.7	2706.1	2711.7	2706.1	2700.5	2694.9	2680.8	2675.2	2686.4	2680.8	2644.4
32.5°	2627.6	2621.9	2627.6	2627.6	2621.9	2621.9	2599.5	2591.1	2593.9	2610.7	2577.1
35°	2540.6	2532.2	2540.6	2537.8	2540.6	2532.2	2518.2	2515.4	2504.2	2523.8	2498.6
37.5°	2439.6	2431.2	2439.6	2439.6	2439.6	2445.2	2434.0	2425.6	2408.7	2434.0	2414.3
40°	2335.8	2324.6	2335.8	2333.0	2335.8	2341.4	2335.8	2330.2	2313.4	2333.0	2316.2
42.5°	2218.1	2215.3	2218.1	2220.9	2220.9	2232.1	2240.5	2229.3	2223.7	2209.6	2220.9
45°	2091.9	2086.3	2091.9	2097.5	2100.3	2105.9	2131.1	2131.1	2122.7	2100.3	2117.1
47.5°	1957.3	1943.3	1957.3	1974.1	1974.1	1982.5	2007.7	2027.4	2013.4	1985.3	1993.7
50°	1814.3	1817.1	1814.3	1825.5	1825.5	1856.3	1876.0	1895.6	1909.6	1876.0	1836.7
52.5°	1674.1	1671.3	1674.1	1682.5	1693.7	1707.7	1741.4	1761.0	1783.4	1763.8	1702.1
55°	1533.9	1539.5	1533.9	1536.7	1542.3	1550.7	1601.2	1620.8	1662.8	1637.6	1573.1
57.5°	1393.6	1385.2	1393.6	1399.3	1402.1	1410.5	1452.5	1489.0	1514.2	1517.0	1438.5
60°	1231.0	1219.8	1231.0	1256.2	1261.9	1267.5	1306.7	1340.4	1362.8	1371.2	1289.9
62.5°	1088.0	1068.4	1088.0	1104.8	1116.0	1130.1	1158.1	1208.6	1228.2	1231.0	1116.0
65°	936.6	928.2	936.6	970.2	973.0	989.9	1020.7	1057.2	1099.2	1093.6	928.2
67.5°	799.2	799.2	799.2	821.6	838.4	846.8	886.1	902.9	956.2	961.8	773.9
70°	673.0	670.2	673.0	689.8	701.0	720.7	757.1	776.7	818.8	832.8	628.1
72.5°	552.4	549.6	552.4	566.4	577.6	594.5	625.3	647.8	684.2	701.0	487.9
75°	445.9	440.2	445.9	457.1	454.3	476.7	501.9	524.4	558.0	569.2	361.7
77.5°	342.1	342.1	342.1	353.3	353.3	375.8	387.0	415.0	434.6	451.5	266.4
80°	255.2	252.4	255.2	258.0	258.0	269.2	288.8	308.5	325.3	325.3	182.3
82.5°	179.5	173.9	179.5	179.5	179.5	185.1	196.3	201.9	213.1	221.5	115.0
85°	112.2	112.2	112.2	115.0	112.2	117.8	120.6	126.2	126.2	120.6	70.1
87.5°	72.9	70.1	72.9	70.1	70.1	67.3	67.3	67.3	64.5	61.7	39.3
90°	10.7	10.7	10.7	10.7	10.7	14.2	19.0	21.3	18.3	12.3	7.9
92.5°	42.8	34.3	42.8	51.2	53.4	75.6	105.3	120.2	105.5	76.2	54.2
95°	149.0	123.3	149.0	174.7	181.1	237.9	313.5	351.4	296.8	187.5	105.6
97.5°	357.1	308.1	357.1	405.9	418.2	454.1	501.8	525.8	434.7	252.6	116.0
100°	514.5	456.1	514.5	572.7	587.3	584.7	581.2	579.4	478.4	276.3	124.7
102.5°	669.2	619.2	669.2	719.1	731.6	685.9	625.0	594.6	492.1	287.1	133.4
105°	866.6	839.7	866.6	893.4	900.1	797.7	661.1	592.9	493.6	295.2	146.3
107.5°	995.9	1002.4	995.9	989.4	987.8	844.9	654.4	559.1	471.7	296.7	165.4
110°	1045.2	1073.1	1045.2	1017.2	1010.2	850.5	637.6	531.1	452.2	294.4	176.1



TEST NUMBER: P933929

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1049.6	1092.5	1049.6	1006.7	995.9	832.4	614.6	505.6	435.2	294.5	189.0
115°	1021.7	1081.3	1021.7	962.2	947.3	789.8	579.9	474.9	415.7	297.2	208.4
117.5°	962.7	1028.7	962.7	896.8	880.2	738.1	548.7	453.9	403.5	302.8	227.2
120°	915.2	979.3	915.2	851.0	835.0	705.1	531.9	445.4	399.3	307.2	238.2
122.5°	868.9	932.2	868.9	805.5	789.7	672.8	516.9	438.9	397.2	313.7	251.1
125°	802.7	861.1	802.7	744.5	729.9	630.6	498.1	431.9	395.5	322.5	267.7
127.5°	743.4	792.5	743.4	694.2	681.9	596.6	482.9	426.0	394.4	331.2	283.7
130°	708.4	753.8	708.4	663.0	651.6	575.7	474.5	423.8	395.0	337.5	294.3
132.5°	676.6	717.3	676.6	636.0	625.8	557.8	467.2	421.8	395.5	342.7	303.0
135°	633.1	668.1	633.1	598.0	589.2	532.3	456.4	418.5	395.1	348.3	313.1
137.5°	598.1	626.9	598.1	569.4	562.2	514.1	450.0	417.9	397.5	356.7	326.0
140°	574.2	601.0	574.2	547.4	540.6	499.0	443.6	415.9	397.9	361.8	334.8
142.5°	554.4	577.5	554.4	531.3	525.5	488.9	440.2	415.9	399.3	366.1	341.3
145°	524.6	542.0	524.6	507.1	502.7	472.9	433.0	413.1	399.3	371.7	351.1
147.5°	501.8	516.2	501.8	487.3	483.6	460.2	428.8	413.1	402.1	380.0	363.4
150°	487.4	499.0	487.4	475.6	472.7	452.9	426.4	413.1	403.5	384.3	369.9
152.5°	475.0	483.9	475.0	466.2	464.0	447.1	424.4	413.1	404.4	387.1	374.1
155°	460.9	466.8	460.9	455.1	453.6	440.2	422.1	413.1	406.5	393.2	383.3
157.5°	449.8	453.9	449.8	445.6	444.5	434.1	420.2	413.1	408.6	399.5	392.7
160°	443.1	445.4	443.1	440.6	440.1	431.1	419.1	413.1	409.5	402.3	396.9
162.5°	438.7	440.9	438.7	436.4	435.9	428.3	418.2	413.1	410.5	405.3	401.4
165°	432.4	434.7	432.4	430.0	429.4	424.0	416.8	413.1	411.9	409.6	407.8
167.5°	427.8	428.8	427.8	426.9	426.6	423.0	418.3	415.9	414.9	413.0	411.5
170°	426.6	426.6	426.6	426.6	426.6	423.0	418.3	415.9	415.9	415.8	415.7
172.5°	423.2	422.4	423.2	424.2	424.4	421.6	417.8	415.9	415.9	415.9	415.9
175°	421.3	421.3	421.3	421.3	421.3	419.5	417.2	415.9	416.5	417.6	418.5
177.5°	419.5	418.5	419.5	420.4	420.7	419.3	417.4	416.5	417.0	417.8	418.5
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P933929

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	3006.1	2989.3	2989.3	2961.2	2950.0	2941.6	2927.6	2885.5	2874.3	2863.1	2879.9
5°	3031.3	3000.5	2978.1	2927.6	2885.5	2868.7	2815.4	2714.5	2647.2	2596.7	2568.7
7.5°	3037.0	2997.7	2955.6	2877.1	2776.2	2731.3	2568.7	2383.5	2333.0	2288.2	2260.1
10°	3031.3	2986.5	2927.6	2809.8	2571.5	2493.0	2330.2	2209.6	2178.8	2170.4	2178.8
12.5°	3011.7	2969.7	2888.3	2692.0	2358.3	2305.0	2209.6	2139.5	2133.9	2148.0	2223.7
15°	2978.1	2938.8	2843.5	2535.0	2240.5	2201.2	2133.9	2108.7	2139.5	2237.7	2464.8
17.5°	2944.4	2899.6	2781.8	2380.7	2150.8	2122.7	2075.0	2125.5	2299.4	2431.2	2507.0
20°	2899.6	2846.3	2711.7	2268.5	2086.3	2061.0	2038.6	2265.7	2397.5	2445.2	2487.3
22.5°	2846.3	2790.2	2616.3	2190.0	2019.0	1999.3	2013.4	2344.2	2397.5	2431.2	2467.6
25°	2776.2	2728.5	2504.2	2128.3	1965.7	1943.3	1996.5	2335.8	2366.7	2375.1	2448.0
27.5°	2711.7	2650.0	2386.3	2072.2	1901.2	1892.8	2010.6	2299.4	2321.8	2330.2	2408.7
30°	2633.2	2540.6	2254.5	2013.4	1833.9	1831.1	2013.4	2254.5	2248.9	2271.3	2349.9
32.5°	2551.8	2377.9	2105.9	1940.4	1769.4	1766.6	1993.7	2187.2	2181.6	2212.4	2271.3
35°	2476.1	2251.7	1904.0	1856.3	1688.1	1690.9	1946.1	2108.7	2111.5	2139.5	2176.0
37.5°	2397.5	2142.3	1682.5	1763.8	1609.6	1609.6	1881.6	2035.8	2030.2	2038.6	2089.1
40°	2305.0	1971.3	1486.2	1643.2	1536.7	1528.2	1803.0	1957.3	1937.6	1934.8	2004.9
42.5°	2206.8	1783.4	1340.4	1483.4	1452.5	1441.3	1707.7	1861.9	1825.5	1833.9	1923.6
45°	2100.3	1732.9	1228.2	1253.4	1365.6	1357.2	1604.0	1752.6	1727.3	1749.8	1842.3
47.5°	1993.7	1632.0	1191.8	1040.3	1273.1	1270.3	1489.0	1646.0	1632.0	1654.4	1752.6
50°	1847.9	1519.8	1188.9	891.7	1169.3	1180.5	1351.6	1542.3	1542.3	1561.9	1665.6
52.5°	1660.0	1382.4	1079.6	807.6	1048.7	1082.4	1231.0	1452.5	1458.1	1477.8	1570.3
55°	1489.0	1239.4	1001.1	743.1	905.7	978.6	1113.2	1360.0	1371.2	1390.8	1475.0
57.5°	1332.0	1031.9	984.2	667.4	773.9	844.0	1009.5	1270.3	1275.9	1292.7	1374.0
60°	1163.7	745.9	902.9	586.1	659.0	712.2	914.1	1163.7	1183.3	1194.6	1264.7
62.5°	973.0	541.2	818.8	530.0	602.9	614.1	835.6	1062.8	1088.0	1096.4	1138.5
65°	692.6	454.3	695.4	482.3	544.0	546.8	751.5	959.0	981.4	995.5	1026.3
67.5°	468.3	370.1	530.0	437.4	499.1	501.9	670.2	838.4	869.3	880.5	900.1
70°	325.3	246.8	392.6	389.8	448.7	454.3	583.3	729.1	757.1	765.5	776.7
72.5°	238.4	199.1	325.3	350.5	395.4	401.0	493.5	605.7	633.7	642.1	647.8
75°	182.3	210.3	263.6	305.6	336.5	339.3	403.8	493.5	513.2	518.8	521.6
77.5°	145.8	196.3	193.5	246.8	274.8	269.2	316.9	381.4	398.2	398.2	398.2
80°	109.4	154.2	145.8	176.7	201.9	196.3	227.1	272.0	277.6	283.2	280.4
82.5°	81.3	98.1	98.1	112.2	134.6	129.0	151.4	176.7	176.7	176.7	182.3
85°	50.5	56.1	44.9	58.9	75.7	72.9	84.1	95.3	98.1	98.1	92.5
87.5°	30.8	25.2	14.0	22.4	33.6	33.6	39.3	42.1	39.3	39.3	39.3
90°	7.3	5.0	2.8	5.0	7.3	7.9	12.3	18.3	21.3	19.0	14.2
92.5°	49.4	30.3	11.2	30.3	49.4	54.2	76.2	105.5	120.2	105.3	75.6
95°	96.8	61.9	26.9	61.9	96.8	105.6	187.5	296.8	351.4	313.5	237.9
97.5°	108.3	77.5	46.6	77.5	108.3	116.0	252.6	434.7	525.8	501.8	454.1
100°	117.7	89.7	61.8	89.7	117.7	124.7	276.3	478.4	579.4	581.2	584.7
102.5°	126.8	100.8	74.7	100.8	126.8	133.4	287.1	492.1	594.6	625.0	685.9
105°	140.8	118.7	96.6	118.7	140.8	146.3	295.2	493.6	592.9	661.1	797.7
107.5°	160.3	139.6	119.1	139.6	160.3	165.4	296.7	471.7	559.1	654.4	844.9
110°	171.4	152.8	134.2	152.8	171.4	176.1	294.4	452.2	531.1	637.6	850.5



TEST NUMBER: P933929

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	184.6	166.8	149.2	166.8	184.6	189.0	294.5	435.2	505.6	614.6	832.4
115°	204.3	188.0	171.6	188.0	204.3	208.4	297.2	415.7	474.9	579.9	789.8
117.5°	223.5	208.6	193.8	208.6	223.5	227.2	302.8	403.5	453.9	548.7	738.1
120°	234.7	220.7	206.7	220.7	234.7	238.2	307.2	399.3	445.4	531.9	705.1
122.5°	247.5	233.5	219.4	233.5	247.5	251.1	313.7	397.2	438.9	516.9	672.8
125°	264.5	251.6	238.7	251.6	264.5	267.7	322.5	395.5	431.9	498.1	630.6
127.5°	280.4	267.4	254.4	267.4	280.4	283.7	331.2	394.4	426.0	482.9	596.6
130°	290.9	276.9	262.8	276.9	290.9	294.3	337.5	395.0	423.8	474.5	575.7
132.5°	299.6	285.6	271.6	285.6	299.6	303.0	342.7	395.5	421.8	467.2	557.8
135°	309.9	297.2	284.5	297.2	309.9	313.1	348.3	395.1	418.5	456.4	532.3
137.5°	322.8	310.3	297.7	310.3	322.8	326.0	356.7	397.5	417.9	450.0	514.1
140°	331.9	320.2	308.6	320.2	331.9	334.8	361.8	397.9	415.9	443.6	499.0
142.5°	338.6	327.8	317.1	327.8	338.6	341.3	366.1	399.3	415.9	440.2	488.9
145°	348.7	339.4	330.0	339.4	348.7	351.1	371.7	399.3	413.1	433.0	472.9
147.5°	361.2	352.0	342.9	352.0	361.2	363.4	380.0	402.1	413.1	428.8	460.2
150°	367.8	359.6	351.4	359.6	367.8	369.9	384.3	403.5	413.1	426.4	452.9
152.5°	372.5	366.3	360.0	366.3	372.5	374.1	387.1	404.4	413.1	424.4	447.1
155°	382.2	377.5	372.9	377.5	382.2	383.3	393.2	406.5	413.1	422.1	440.2
157.5°	391.5	387.0	382.5	387.0	391.5	392.7	399.5	408.6	413.1	420.2	434.1
160°	396.0	392.5	389.0	392.5	396.0	396.9	402.3	409.5	413.1	419.1	431.1
162.5°	400.7	398.1	395.5	398.1	400.7	401.4	405.3	410.5	413.1	418.2	428.3
165°	407.3	404.8	402.5	404.8	407.3	407.8	409.6	411.9	413.1	416.8	424.0
167.5°	411.2	410.1	408.9	410.1	411.2	411.5	413.0	414.9	415.9	418.3	423.0
170°	415.4	414.3	413.1	414.3	415.4	415.7	415.8	415.9	415.9	418.3	423.0
172.5°	415.9	415.7	415.4	415.7	415.9	415.9	415.9	415.9	415.9	417.8	421.6
175°	418.5	418.5	418.5	418.5	418.5	418.5	417.6	416.5	415.9	417.2	419.5
177.5°	418.5	418.5	418.5	418.5	418.5	418.5	417.8	417.0	416.5	417.4	419.3
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P933929

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2860.3	2851.9	2863.1	2832.3	2863.1	2851.9	2860.3	2879.9	2863.1	2874.3	2885.5
5°	2509.8	2495.8	2450.8	2414.3	2450.8	2495.8	2509.8	2568.7	2596.7	2647.2	2714.5
7.5°	2243.3	2232.1	2220.9	2198.4	2220.9	2232.1	2243.3	2260.1	2288.2	2333.0	2383.5
10°	2184.4	2187.2	2204.0	2201.2	2204.0	2187.2	2184.4	2178.8	2170.4	2178.8	2209.6
12.5°	2335.8	2361.1	2453.6	2448.0	2453.6	2361.1	2335.8	2223.7	2148.0	2133.9	2139.5
15°	2509.8	2518.2	2537.8	2540.6	2537.8	2518.2	2509.8	2464.8	2237.7	2139.5	2108.7
17.5°	2526.6	2529.4	2543.4	2543.4	2543.4	2529.4	2526.6	2507.0	2431.2	2299.4	2125.5
20°	2512.6	2518.2	2546.2	2551.8	2546.2	2518.2	2512.6	2487.3	2445.2	2397.5	2265.7
22.5°	2507.0	2518.2	2540.6	2537.8	2540.6	2518.2	2507.0	2467.6	2431.2	2397.5	2344.2
25°	2478.9	2478.9	2481.7	2484.5	2481.7	2478.9	2478.9	2448.0	2375.1	2366.7	2335.8
27.5°	2420.0	2425.6	2442.4	2439.6	2442.4	2425.6	2420.0	2408.7	2330.2	2321.8	2299.4
30°	2366.7	2361.1	2347.0	2335.8	2347.0	2361.1	2366.7	2349.9	2271.3	2248.9	2254.5
32.5°	2276.9	2262.9	2248.9	2240.5	2248.9	2262.9	2276.9	2271.3	2212.4	2181.6	2187.2
35°	2170.4	2173.2	2170.4	2162.0	2170.4	2173.2	2170.4	2176.0	2139.5	2111.5	2108.7
37.5°	2094.7	2100.3	2097.5	2086.3	2097.5	2100.3	2094.7	2089.1	2038.6	2030.2	2035.8
40°	2016.2	2019.0	2016.2	2007.7	2016.2	2019.0	2016.2	2004.9	1934.8	1937.6	1957.3
42.5°	1940.4	1937.6	1929.2	1923.6	1929.2	1937.6	1940.4	1923.6	1833.9	1825.5	1861.9
45°	1853.5	1856.3	1839.5	1831.1	1839.5	1856.3	1853.5	1842.3	1749.8	1727.3	1752.6
47.5°	1766.6	1766.6	1752.6	1744.2	1752.6	1766.6	1766.6	1752.6	1654.4	1632.0	1646.0
50°	1674.1	1671.3	1651.6	1648.8	1651.6	1671.3	1674.1	1665.6	1561.9	1542.3	1542.3
52.5°	1567.5	1567.5	1570.3	1575.9	1570.3	1567.5	1567.5	1570.3	1477.8	1458.1	1452.5
55°	1475.0	1477.8	1497.4	1503.0	1497.4	1477.8	1475.0	1475.0	1390.8	1371.2	1360.0
57.5°	1379.6	1379.6	1393.6	1393.6	1393.6	1379.6	1379.6	1374.0	1292.7	1275.9	1270.3
60°	1270.3	1275.9	1287.1	1284.3	1287.1	1275.9	1270.3	1264.7	1194.6	1183.3	1163.7
62.5°	1155.3	1160.9	1163.7	1158.1	1163.7	1160.9	1155.3	1138.5	1096.4	1088.0	1062.8
65°	1034.7	1040.3	1043.1	1037.5	1043.1	1040.3	1034.7	1026.3	995.5	981.4	959.0
67.5°	911.3	908.5	905.7	916.9	905.7	908.5	911.3	900.1	880.5	869.3	838.4
70°	785.2	785.2	782.3	788.0	782.3	785.2	785.2	776.7	765.5	757.1	729.1
72.5°	650.6	647.8	659.0	650.6	659.0	647.8	650.6	647.8	642.1	633.7	605.7
75°	518.8	524.4	518.8	527.2	518.8	524.4	518.8	521.6	518.8	513.2	493.5
77.5°	395.4	401.0	395.4	395.4	395.4	401.0	395.4	398.2	398.2	398.2	381.4
80°	280.4	277.6	277.6	274.8	277.6	277.6	280.4	280.4	283.2	277.6	272.0
82.5°	179.5	176.7	176.7	182.3	176.7	176.7	179.5	182.3	176.7	176.7	176.7
85°	98.1	100.9	95.3	95.3	95.3	100.9	98.1	92.5	98.1	98.1	95.3
87.5°	36.5	33.6	33.6	33.6	33.6	33.6	36.5	39.3	39.3	39.3	42.1
90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	14.2	19.0	21.3	18.3
92.5°	53.4	51.2	42.8	34.3	42.8	51.2	53.4	75.6	105.3	120.2	105.5
95°	181.1	174.7	149.0	123.3	149.0	174.7	181.1	237.9	313.5	351.4	296.8
97.5°	418.2	405.9	357.1	308.1	357.1	405.9	418.2	454.1	501.8	525.8	434.7
100°	587.3	572.7	514.5	456.1	514.5	572.7	587.3	584.7	581.2	579.4	478.4
102.5°	731.6	719.1	669.2	619.2	669.2	719.1	731.6	685.9	625.0	594.6	492.1
105°	900.1	893.4	866.6	839.7	866.6	893.4	900.1	797.7	661.1	592.9	493.6
107.5°	987.8	989.4	995.9	1002.4	995.9	989.4	987.8	844.9	654.4	559.1	471.7
110°	1010.2	1017.2	1045.2	1073.1	1045.2	1017.2	1010.2	850.5	637.6	531.1	452.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	995.9	1006.7	1049.6	1092.5	1049.6	1006.7	995.9	832.4	614.6	505.6	435.2
115°	947.3	962.2	1021.7	1081.3	1021.7	962.2	947.3	789.8	579.9	474.9	415.7
117.5°	880.2	896.8	962.7	1028.7	962.7	896.8	880.2	738.1	548.7	453.9	403.5
120°	835.0	851.0	915.2	979.3	915.2	851.0	835.0	705.1	531.9	445.4	399.3
122.5°	789.7	805.5	868.9	932.2	868.9	805.5	789.7	672.8	516.9	438.9	397.2
125°	729.9	744.5	802.7	861.1	802.7	744.5	729.9	630.6	498.1	431.9	395.5
127.5°	681.9	694.2	743.4	792.5	743.4	694.2	681.9	596.6	482.9	426.0	394.4
130°	651.6	663.0	708.4	753.8	708.4	663.0	651.6	575.7	474.5	423.8	395.0
132.5°	625.8	636.0	676.6	717.3	676.6	636.0	625.8	557.8	467.2	421.8	395.5
135°	589.2	598.0	633.1	668.1	633.1	598.0	589.2	532.3	456.4	418.5	395.1
137.5°	562.2	569.4	598.1	626.9	598.1	569.4	562.2	514.1	450.0	417.9	397.5
140°	540.6	547.4	574.2	601.0	574.2	547.4	540.6	499.0	443.6	415.9	397.9
142.5°	525.5	531.3	554.4	577.5	554.4	531.3	525.5	488.9	440.2	415.9	399.3
145°	502.7	507.1	524.6	542.0	524.6	507.1	502.7	472.9	433.0	413.1	399.3
147.5°	483.6	487.3	501.8	516.2	501.8	487.3	483.6	460.2	428.8	413.1	402.1
150°	472.7	475.6	487.4	499.0	487.4	475.6	472.7	452.9	426.4	413.1	403.5
152.5°	464.0	466.2	475.0	483.9	475.0	466.2	464.0	447.1	424.4	413.1	404.4
155°	453.6	455.1	460.9	466.8	460.9	455.1	453.6	440.2	422.1	413.1	406.5
157.5°	444.5	445.6	449.8	453.9	449.8	445.6	444.5	434.1	420.2	413.1	408.6
160°	440.1	440.6	443.1	445.4	443.1	440.6	440.1	431.1	419.1	413.1	409.5
162.5°	435.9	436.4	438.7	440.9	438.7	436.4	435.9	428.3	418.2	413.1	410.5
165°	429.4	430.0	432.4	434.7	432.4	430.0	429.4	424.0	416.8	413.1	411.9
167.5°	426.6	426.9	427.8	428.8	427.8	426.9	426.6	423.0	418.3	415.9	414.9
170°	426.6	426.6	426.6	426.6	426.6	426.6	426.6	423.0	418.3	415.9	415.9
172.5°	424.4	424.2	423.2	422.4	423.2	424.2	424.4	421.6	417.8	415.9	415.9
175°	421.3	421.3	421.3	421.3	421.3	421.3	421.3	419.5	417.2	415.9	416.5
177.5°	420.7	420.4	419.5	418.5	419.5	420.4	420.7	419.3	417.4	416.5	417.0
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2927.6	2941.6	2950.0	2961.2	2989.3
5°	2815.4	2868.7	2885.5	2927.6	2978.1
7.5°	2568.7	2731.3	2776.2	2877.1	2955.6
10°	2330.2	2493.0	2571.5	2809.8	2927.6
12.5°	2209.6	2305.0	2358.3	2692.0	2888.3
15°	2133.9	2201.2	2240.5	2535.0	2843.5
17.5°	2075.0	2122.7	2150.8	2380.7	2781.8
20°	2038.6	2061.0	2086.3	2268.5	2711.7
22.5°	2013.4	1999.3	2019.0	2190.0	2616.3
25°	1996.5	1943.3	1965.7	2128.3	2504.2
27.5°	2010.6	1892.8	1901.2	2072.2	2386.3
30°	2013.4	1831.1	1833.9	2013.4	2254.5
32.5°	1993.7	1766.6	1769.4	1940.4	2105.9
35°	1946.1	1690.9	1688.1	1856.3	1904.0
37.5°	1881.6	1609.6	1609.6	1763.8	1682.5
40°	1803.0	1528.2	1536.7	1643.2	1486.2
42.5°	1707.7	1441.3	1452.5	1483.4	1340.4
45°	1604.0	1357.2	1365.6	1253.4	1228.2
47.5°	1489.0	1270.3	1273.1	1040.3	1191.8
50°	1351.6	1180.5	1169.3	891.7	1188.9
52.5°	1231.0	1082.4	1048.7	807.6	1079.6
55°	1113.2	978.6	905.7	743.1	1001.1
57.5°	1009.5	844.0	773.9	667.4	984.2
60°	914.1	712.2	659.0	586.1	902.9
62.5°	835.6	614.1	602.9	530.0	818.8
65°	751.5	546.8	544.0	482.3	695.4
67.5°	670.2	501.9	499.1	437.4	530.0
70°	583.3	454.3	448.7	389.8	392.6
72.5°	493.5	401.0	395.4	350.5	325.3
75°	403.8	339.3	336.5	305.6	263.6
77.5°	316.9	269.2	274.8	246.8	193.5
80°	227.1	196.3	201.9	176.7	145.8
82.5°	151.4	129.0	134.6	112.2	98.1
85°	84.1	72.9	75.7	58.9	44.9
87.5°	39.3	33.6	33.6	22.4	14.0
90°	12.3	7.9	7.3	5.0	2.8
92.5°	76.2	54.2	49.4	30.3	11.2
95°	187.5	105.6	96.8	61.9	26.9
97.5°	252.6	116.0	108.3	77.5	46.6
100°	276.3	124.7	117.7	89.7	61.8
102.5°	287.1	133.4	126.8	100.8	74.7
105°	295.2	146.3	140.8	118.7	96.6
107.5°	296.7	165.4	160.3	139.6	119.1
110°	294.4	176.1	171.4	152.8	134.2



TEST NUMBER: P933929

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	294.5	189.0	184.6	166.8	149.2
115°	297.2	208.4	204.3	188.0	171.6
117.5°	302.8	227.2	223.5	208.6	193.8
120°	307.2	238.2	234.7	220.7	206.7
122.5°	313.7	251.1	247.5	233.5	219.4
125°	322.5	267.7	264.5	251.6	238.7
127.5°	331.2	283.7	280.4	267.4	254.4
130°	337.5	294.3	290.9	276.9	262.8
132.5°	342.7	303.0	299.6	285.6	271.6
135°	348.3	313.1	309.9	297.2	284.5
137.5°	356.7	326.0	322.8	310.3	297.7
140°	361.8	334.8	331.9	320.2	308.6
142.5°	366.1	341.3	338.6	327.8	317.1
145°	371.7	351.1	348.7	339.4	330.0
147.5°	380.0	363.4	361.2	352.0	342.9
150°	384.3	369.9	367.8	359.6	351.4
152.5°	387.1	374.1	372.5	366.3	360.0
155°	393.2	383.3	382.2	377.5	372.9
157.5°	399.5	392.7	391.5	387.0	382.5
160°	402.3	396.9	396.0	392.5	389.0
162.5°	405.3	401.4	400.7	398.1	395.5
165°	409.6	407.8	407.3	404.8	402.5
167.5°	413.0	411.5	411.2	410.1	408.9
170°	415.8	415.7	415.4	414.3	413.1
172.5°	415.9	415.9	415.9	415.7	415.4
175°	417.6	418.5	418.5	418.5	418.5
177.5°	417.8	418.5	418.5	418.5	418.5
180°	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P933929
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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	14.48	15.60	15.20	16.34	17.23	17.33	18.45	18.05	19.19	20.08
	3H	14.97	15.98	15.71	16.74	17.65	18.70	19.71	19.43	20.46	21.38
	4H	15.18	16.13	15.93	16.89	17.82	19.16	20.11	19.91	20.87	21.80
	6H	15.31	16.19	16.07	16.96	17.90	19.46	20.34	20.23	21.11	22.06
	8H	15.32	16.16	16.09	16.95	17.89	19.55	20.39	20.32	21.18	22.12
	12H	15.30	16.10	16.08	16.88	17.85	19.60	20.40	20.38	21.18	22.15
4H	2H	15.54	16.50	16.30	17.26	18.19	17.77	18.72	18.52	19.48	20.41
	3H	16.60	17.39	17.37	18.19	19.13	19.30	20.10	20.07	20.90	21.84
	4H	16.88	17.61	17.67	18.40	19.38	19.85	20.57	20.63	21.37	22.34
	6H	17.02	17.65	17.83	18.47	19.45	20.23	20.86	21.03	21.68	22.66
	8H	17.04	17.62	17.84	18.44	19.43	20.35	20.93	21.15	21.75	22.74
	12H	17.01	17.54	17.84	18.38	19.38	20.42	20.95	21.25	21.79	22.78
8H	4H	17.36	17.95	18.17	18.76	19.76	19.99	20.58	20.80	21.39	22.39
	6H	17.63	18.12	18.47	18.98	19.97	20.45	20.93	21.28	21.79	22.78
	8H	17.68	18.11	18.53	18.97	19.97	20.60	21.03	21.45	21.89	22.90
	12H	17.68	18.05	18.52	18.90	19.97	20.72	21.10	21.57	21.94	23.01
12H	4H	17.38	17.91	18.21	18.75	19.74	19.97	20.50	20.79	21.33	22.33
	6H	17.70	18.13	18.54	18.99	19.99	20.44	20.88	21.29	21.73	22.74
	8H	17.78	18.16	18.63	19.00	20.07	20.62	21.00	21.47	21.85	22.91