

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: P934168

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934168
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

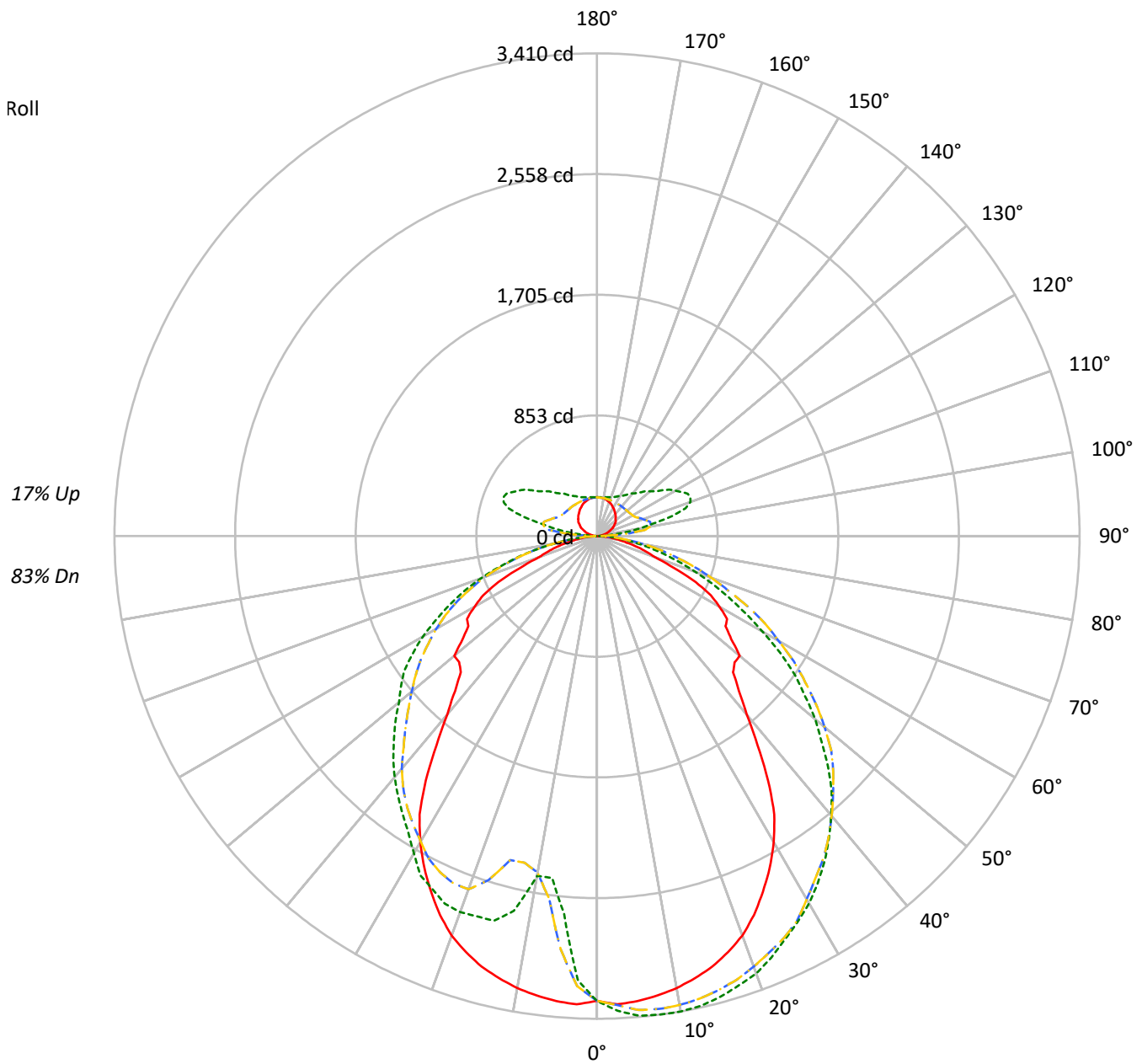
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10288.3 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 99.2
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: P934168
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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15231	15231	15231	15231
5°	15345	15375	15345	12089
10°	15242	15145	15242	10828
15°	15076	14817	15076	12372
20°	14761	14428	14761	12398
25°	14116	13861	14116	12135
30°	13282	13390	13282	11559
35°	11840	12795	11840	10925
40°	9866	12094	9866	10446
45°	8815	11274	8815	9895
50°	9365	10295	9365	9342
55°	8812	9241	8812	9022
60°	9083	7849	9083	8263
65°	8235	6488	8235	7252
70°	5702	5170	5702	6079
75°	4999	3822	4999	4576
80°	4029	2527	4029	2752
85°	2310	1339	2310	1138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13511 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.3	2.9
10°-20°	841.4	8.2
20°-30°	1300.6	12.6
30°-40°	1552.6	15.1
40°-50°	1561.7	15.2
50°-60°	1358.9	13.2
60°-70°	963.5	9.4
70°-80°	509.7	5.0
80°-90°	128.0	1.2
90°-100°	133.5	1.3
100°-110°	351.0	3.4
110°-120°	364.0	3.5
120°-130°	292.0	2.8
130°-140°	229.1	2.2
140°-150°	175.8	1.7
150°-160°	126.6	1.2
160°-170°	77.5	0.8
170°-180°	26.2	0.3
0°-30°	2438.3	23.7
0°-40°	3990.9	38.8
0°-60°	6911.5	67.2
0°-90°	8512.7	82.7
90°-120°	848.5	8.2
90°-150°	1545.4	15.0
90°-180°	1776.0	17.3
0°-180°	10288.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3283	3283	3283	3283	3283	
5°	3298	3401	3298	2674	3298	313
15°	3149	3370	3149	2814	3149	886
25°	2774	3143	2774	2752	2774	1273
35°	2109	2804	2109	2394	2109	1305
45°	1360	2311	1360	2028	1360	1090
55°	1109	1705	1109	1665	1109	1019
65°	770	1028	770	1149	770	736
75°	292	488	292	584	292	307
85°	50	124	50	106	50	67
90°	2	7	2	7	2	4
95°	18	81	18	81	18	20
105°	63	550	63	550	63	67
115°	112	708	112	708	112	111
125°	156	564	156	564	156	139
135°	186	437	186	437	186	144
145°	216	355	216	355	216	135
155°	244	306	244	306	244	112
165°	264	285	264	285	264	74
175°	274	276	274	276	274	26
180°	274	274	274	274	274	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8
2.5°	3310.7	3310.7	3329.3	3335.5	3335.5	3326.3	3316.9	3326.3	3354.2	3363.5	3360.4
5°	3298.3	3323.2	3357.3	3363.5	3369.7	3366.7	3360.4	3366.7	3397.7	3403.9	3407.0
7.5°	3273.4	3320.0	3363.5	3372.8	3382.2	3372.8	3369.7	3375.9	3407.0	3413.2	3413.2
10°	3242.4	3307.6	3357.3	3363.5	3372.8	3363.5	3363.5	3375.9	3407.0	3413.2	3416.3
12.5°	3198.9	3288.9	3335.5	3341.8	3354.2	3351.1	3348.0	3360.4	3391.4	3397.7	3397.7
15°	3149.3	3254.8	3298.3	3304.5	3326.3	3320.0	3320.0	3332.4	3366.7	3375.9	3372.8
17.5°	3080.9	3211.3	3261.0	3270.3	3285.9	3282.8	3285.9	3298.3	3329.3	3335.5	3338.7
20°	3003.2	3152.3	3211.3	3220.7	3236.2	3236.2	3236.2	3251.7	3282.8	3295.2	3295.2
22.5°	2897.6	3090.2	3152.3	3158.5	3177.2	3177.2	3183.4	3205.1	3233.0	3236.2	3236.2
25°	2773.5	3021.9	3074.6	3093.3	3111.9	3121.3	3130.6	3143.0	3152.3	3149.3	3152.3
27.5°	2643.0	2934.9	3003.2	3015.6	3040.5	3049.9	3062.3	3065.4	3068.5	3077.8	3071.5
30°	2497.0	2813.8	2916.3	2928.7	2969.1	2975.3	2962.9	2969.1	2984.6	2990.9	2997.0
32.5°	2332.4	2633.7	2826.2	2854.2	2891.5	2872.8	2869.7	2879.0	2903.9	2903.9	2910.1
35°	2108.8	2493.9	2742.3	2767.2	2795.1	2773.5	2785.8	2789.0	2804.5	2813.8	2810.7
37.5°	1863.5	2372.8	2655.4	2674.1	2695.8	2667.8	2686.5	2695.8	2708.2	2702.0	2702.0
40°	1646.1	2183.3	2552.9	2565.3	2584.0	2562.2	2580.8	2587.1	2593.3	2587.1	2584.0
42.5°	1484.6	1975.2	2444.2	2459.7	2447.3	2462.8	2469.1	2481.4	2472.2	2459.7	2459.7
45°	1360.3	1919.4	2326.2	2344.8	2326.2	2351.0	2360.4	2360.4	2332.4	2326.2	2323.1
47.5°	1319.9	1807.5	2208.2	2208.2	2198.9	2229.9	2245.4	2223.7	2195.8	2186.4	2186.4
50°	1316.8	1683.3	2046.6	2034.3	2077.8	2115.0	2099.5	2077.8	2056.0	2021.9	2021.9
52.5°	1195.7	1531.1	1838.6	1885.2	1953.5	1975.2	1950.4	1928.6	1891.4	1875.9	1863.5
55°	1108.8	1372.8	1649.2	1742.3	1813.7	1841.7	1795.1	1773.4	1717.5	1708.2	1702.0
57.5°	1090.1	1142.9	1475.2	1593.2	1680.2	1677.1	1649.2	1608.8	1562.2	1552.8	1549.8
60°	1000.0	826.1	1288.9	1428.7	1518.7	1509.4	1484.6	1447.3	1403.8	1397.6	1391.4
62.5°	906.9	599.4	1077.6	1236.0	1363.4	1360.3	1338.5	1282.7	1251.6	1236.0	1223.7
65°	770.2	503.2	767.1	1028.0	1211.3	1217.4	1170.9	1130.5	1096.3	1077.6	1074.6
67.5°	587.0	409.9	518.7	857.2	1065.3	1059.0	1000.0	981.4	938.0	928.6	910.0
70°	434.8	273.3	360.3	695.7	922.4	906.9	860.2	838.6	798.2	776.5	764.0
72.5°	360.3	220.5	264.0	540.4	776.5	757.8	717.5	692.6	658.4	639.8	627.3
75°	291.9	232.9	201.9	400.7	630.5	618.1	580.8	555.9	527.9	503.2	506.2
77.5°	214.3	217.4	161.5	295.0	500.1	481.4	459.7	428.6	416.2	391.3	391.3
80°	161.5	170.8	121.1	201.9	360.3	360.3	341.7	319.9	298.2	285.8	285.8
82.5°	108.7	108.7	90.0	127.4	245.4	236.0	223.6	217.4	205.0	198.8	198.8
85°	49.6	62.1	55.9	77.6	133.5	139.8	139.8	133.5	130.4	124.3	127.4
87.5°	15.5	28.0	34.1	43.5	68.4	71.4	74.5	74.5	74.5	77.6	77.6
90°	1.8	3.3	4.8	5.1	8.1	12.0	13.9	12.4	9.3	7.0	7.0
92.5°	7.3	19.8	32.4	35.5	49.9	69.1	78.6	68.9	49.6	35.0	33.6
95°	17.6	40.5	63.4	69.1	122.7	194.2	230.0	205.2	155.7	118.6	114.3
97.5°	30.6	50.7	70.8	75.9	165.3	284.5	344.1	328.5	297.2	273.7	265.8
100°	40.5	58.7	77.0	81.6	180.8	313.0	379.2	380.4	382.7	384.4	374.9
102.5°	48.9	66.0	83.1	87.3	187.9	322.1	389.2	409.1	448.9	478.9	470.7
105°	63.2	77.7	92.2	95.8	193.3	323.1	388.1	432.8	522.2	589.2	584.8
107.5°	77.9	91.4	104.9	108.3	194.2	308.7	366.0	428.3	553.0	646.5	647.6
110°	87.9	100.0	112.2	115.3	192.7	296.0	347.6	417.3	556.7	661.2	665.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	97.6	109.2	120.8	123.7	192.8	284.9	330.9	402.2	544.8	651.8	658.9
115°	112.3	123.0	133.7	136.4	194.6	272.1	310.8	379.6	517.0	620.1	629.8
117.5°	126.8	136.6	146.3	148.8	198.2	264.1	297.1	359.1	483.1	576.1	587.0
120°	135.3	144.4	153.6	155.9	201.2	261.5	291.6	348.2	461.5	546.5	556.9
122.5°	143.5	152.8	162.1	164.4	205.4	260.0	287.3	338.4	440.4	516.9	527.3
125°	156.3	164.7	173.1	175.2	211.1	258.9	282.7	326.1	412.8	477.8	487.3
127.5°	166.6	175.0	183.5	185.6	216.8	258.1	278.9	316.1	390.6	446.4	454.4
130°	172.1	181.2	190.3	192.6	220.9	258.6	277.4	310.5	376.8	426.5	433.9
132.5°	177.8	186.9	196.0	198.3	224.3	258.9	276.1	305.8	365.1	409.6	416.3
135°	186.2	194.6	202.9	205.0	228.0	258.6	273.9	298.8	348.4	385.7	391.4
137.5°	194.8	203.1	211.3	213.5	233.5	260.2	273.6	294.6	336.5	368.0	372.7
140°	202.0	209.6	217.2	219.1	236.9	260.4	272.3	290.5	326.7	353.9	358.3
142.5°	207.6	214.6	221.6	223.4	239.7	261.5	272.3	288.2	320.1	344.0	347.7
145°	216.0	222.2	228.2	229.8	243.4	261.5	270.4	283.5	309.5	329.1	331.9
147.5°	224.5	230.4	236.4	237.9	248.7	263.2	270.4	280.7	301.2	316.5	318.9
150°	230.0	235.4	240.7	242.1	251.5	264.1	270.4	279.1	296.4	309.4	311.3
152.5°	235.7	239.7	243.8	244.8	253.4	264.8	270.4	277.8	292.6	303.7	305.1
155°	244.1	247.1	250.2	250.9	257.4	266.1	270.4	276.3	288.1	296.9	297.8
157.5°	250.3	253.3	256.2	257.0	261.5	267.4	270.4	275.0	284.1	291.0	291.6
160°	254.6	256.9	259.2	259.7	263.3	268.1	270.4	274.4	282.2	288.1	288.4
162.5°	258.8	260.5	262.2	262.6	265.2	268.7	270.4	273.7	280.4	285.3	285.7
165°	263.5	265.0	266.6	267.0	268.2	269.7	270.4	272.8	277.5	281.1	281.5
167.5°	267.7	268.4	269.2	269.3	270.4	271.6	272.3	273.8	277.0	279.3	279.4
170°	270.4	271.2	271.9	272.1	272.2	272.3	272.3	273.8	277.0	279.3	279.3
172.5°	271.9	272.1	272.3	272.3	272.3	272.3	272.3	273.5	276.0	277.8	277.6
175°	273.9	273.9	273.9	273.9	273.4	272.6	272.3	273.0	274.6	275.8	275.8
177.5°	273.9	273.9	273.9	273.9	273.5	272.9	272.6	273.3	274.5	275.4	275.2
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8
2.5°	3366.7	3357.3	3366.7	3360.4	3363.5	3354.2	3326.3	3316.9	3326.3	3335.5	3335.5
5°	3407.0	3400.8	3407.0	3407.0	3403.9	3397.7	3366.7	3360.4	3366.7	3369.7	3363.5
7.5°	3419.4	3410.1	3419.4	3413.2	3413.2	3407.0	3375.9	3369.7	3372.8	3382.2	3372.8
10°	3419.4	3410.1	3419.4	3416.3	3413.2	3407.0	3375.9	3363.5	3363.5	3372.8	3363.5
12.5°	3403.9	3397.7	3403.9	3397.7	3397.7	3391.4	3360.4	3348.0	3351.1	3354.2	3341.8
15°	3379.0	3369.7	3379.0	3372.8	3375.9	3366.7	3332.4	3320.0	3320.0	3326.3	3304.5
17.5°	3341.8	3329.3	3341.8	3338.7	3335.5	3329.3	3298.3	3285.9	3282.8	3285.9	3270.3
20°	3298.3	3288.9	3298.3	3295.2	3295.2	3282.8	3251.7	3236.2	3236.2	3236.2	3220.7
22.5°	3229.9	3220.7	3229.9	3236.2	3236.2	3233.0	3205.1	3183.4	3177.2	3177.2	3158.5
25°	3152.3	3143.0	3152.3	3152.3	3149.3	3152.3	3143.0	3130.6	3121.3	3111.9	3093.3
27.5°	3077.8	3071.5	3077.8	3071.5	3077.8	3068.5	3065.4	3062.3	3049.9	3040.5	3015.6
30°	3003.2	2997.0	3003.2	2997.0	2990.9	2984.6	2969.1	2962.9	2975.3	2969.1	2928.7
32.5°	2910.1	2903.9	2910.1	2910.1	2903.9	2903.9	2879.0	2869.7	2872.8	2891.5	2854.2
35°	2813.8	2804.5	2813.8	2810.7	2813.8	2804.5	2789.0	2785.8	2773.5	2795.1	2767.2
37.5°	2702.0	2692.7	2702.0	2702.0	2702.0	2708.2	2695.8	2686.5	2667.8	2695.8	2674.1
40°	2587.1	2574.7	2587.1	2584.0	2587.1	2593.3	2587.1	2580.8	2562.2	2584.0	2565.3
42.5°	2456.7	2453.5	2456.7	2459.7	2459.7	2472.2	2481.4	2469.1	2462.8	2447.3	2459.7
45°	2316.9	2310.7	2316.9	2323.1	2326.2	2332.4	2360.4	2360.4	2351.0	2326.2	2344.8
47.5°	2167.8	2152.3	2167.8	2186.4	2186.4	2195.8	2223.7	2245.4	2229.9	2198.9	2208.2
50°	2009.4	2012.5	2009.4	2021.9	2021.9	2056.0	2077.8	2099.5	2115.0	2077.8	2034.3
52.5°	1854.1	1851.0	1854.1	1863.5	1875.9	1891.4	1928.6	1950.4	1975.2	1953.5	1885.2
55°	1698.8	1705.1	1698.8	1702.0	1708.2	1717.5	1773.4	1795.1	1841.7	1813.7	1742.3
57.5°	1543.6	1534.2	1543.6	1549.8	1552.8	1562.2	1608.8	1649.2	1677.1	1680.2	1593.2
60°	1363.4	1351.0	1363.4	1391.4	1397.6	1403.8	1447.3	1484.6	1509.4	1518.7	1428.7
62.5°	1205.0	1183.3	1205.0	1223.7	1236.0	1251.6	1282.7	1338.5	1360.3	1363.4	1236.0
65°	1037.3	1028.0	1037.3	1074.6	1077.6	1096.3	1130.5	1170.9	1217.4	1211.3	1028.0
67.5°	885.1	885.1	885.1	910.0	928.6	938.0	981.4	1000.0	1059.0	1065.3	857.2
70°	745.4	742.2	745.4	764.0	776.5	798.2	838.6	860.2	906.9	922.4	695.7
72.5°	611.8	608.7	611.8	627.3	639.8	658.4	692.6	717.5	757.8	776.5	540.4
75°	493.8	487.6	493.8	506.2	503.2	527.9	555.9	580.8	618.1	630.5	400.7
77.5°	378.9	378.9	378.9	391.3	391.3	416.2	428.6	459.7	481.4	500.1	295.0
80°	282.7	279.5	282.7	285.8	285.8	298.2	319.9	341.7	360.3	360.3	201.9
82.5°	198.8	192.5	198.8	198.8	198.8	205.0	217.4	223.6	236.0	245.4	127.4
85°	124.3	124.3	124.3	127.4	124.3	130.4	133.5	139.8	139.8	133.5	77.6
87.5°	80.8	77.6	80.8	77.6	77.6	74.5	74.5	74.5	71.4	68.4	43.5
90°	7.0	7.0	7.0	7.0	7.0	9.3	12.4	13.9	12.0	8.1	5.1
92.5°	28.0	22.4	28.0	33.6	35.0	49.6	68.9	78.6	69.1	49.9	35.5
95°	97.6	80.7	97.6	114.3	118.6	155.7	205.2	230.0	194.2	122.7	69.1
97.5°	233.6	201.6	233.6	265.8	273.7	297.2	328.5	344.1	284.5	165.3	75.9
100°	336.7	298.5	336.7	374.9	384.4	382.7	380.4	379.2	313.0	180.8	81.6
102.5°	438.0	405.3	438.0	470.7	478.9	448.9	409.1	389.2	322.1	187.9	87.3
105°	567.2	549.6	567.2	584.8	589.2	522.2	432.8	388.1	323.1	193.3	95.8
107.5°	651.8	656.1	651.8	647.6	646.5	553.0	428.3	366.0	308.7	194.2	108.3
110°	684.0	702.4	684.0	665.8	661.2	556.7	417.3	347.6	296.0	192.7	115.3



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	687.0	715.1	687.0	658.9	651.8	544.8	402.2	330.9	284.9	192.8	123.7
115°	668.8	707.7	668.8	629.8	620.1	517.0	379.6	310.8	272.1	194.6	136.4
117.5°	630.2	673.4	630.2	587.0	576.1	483.1	359.1	297.1	264.1	198.2	148.8
120°	599.0	641.0	599.0	556.9	546.5	461.5	348.2	291.6	261.5	201.2	155.9
122.5°	568.7	610.1	568.7	527.3	516.9	440.4	338.4	287.3	260.0	205.4	164.4
125°	525.5	563.6	525.5	487.3	477.8	412.8	326.1	282.7	258.9	211.1	175.2
127.5°	486.6	518.8	486.6	454.4	446.4	390.6	316.1	278.9	258.1	216.8	185.6
130°	463.6	493.4	463.6	433.9	426.5	376.8	310.5	277.4	258.6	220.9	192.6
132.5°	442.9	469.5	442.9	416.3	409.6	365.1	305.8	276.1	258.9	224.3	198.3
135°	414.3	437.3	414.3	391.4	385.7	348.4	298.8	273.9	258.6	228.0	205.0
137.5°	391.5	410.3	391.5	372.7	368.0	336.5	294.6	273.6	260.2	233.5	213.5
140°	375.8	393.4	375.8	358.3	353.9	326.7	290.5	272.3	260.4	236.9	219.1
142.5°	362.9	377.9	362.9	347.7	344.0	320.1	288.2	272.3	261.5	239.7	223.4
145°	343.4	354.8	343.4	331.9	329.1	309.5	283.5	270.4	261.5	243.4	229.8
147.5°	328.4	337.9	328.4	318.9	316.5	301.2	280.7	270.4	263.2	248.7	237.9
150°	319.0	326.7	319.0	311.3	309.4	296.4	279.1	270.4	264.1	251.5	242.1
152.5°	310.9	316.7	310.9	305.1	303.7	292.6	277.8	270.4	264.8	253.4	244.8
155°	301.6	305.5	301.6	297.8	296.9	288.1	276.3	270.4	266.1	257.4	250.9
157.5°	294.4	297.1	294.4	291.6	291.0	284.1	275.0	270.4	267.4	261.5	257.0
160°	290.0	291.6	290.0	288.4	288.1	282.2	274.4	270.4	268.1	263.3	259.7
162.5°	287.1	288.6	287.1	285.7	285.3	280.4	273.7	270.4	268.7	265.2	262.6
165°	283.0	284.6	283.0	281.5	281.1	277.5	272.8	270.4	269.7	268.2	267.0
167.5°	280.1	280.7	280.1	279.4	279.3	277.0	273.8	272.3	271.6	270.4	269.3
170°	279.3	279.3	279.3	279.3	279.3	277.0	273.8	272.3	272.3	272.2	272.1
172.5°	277.1	276.5	277.1	277.6	277.8	276.0	273.5	272.3	272.3	272.3	272.3
175°	275.8	275.8	275.8	275.8	275.8	274.6	273.0	272.3	272.6	273.4	273.9
177.5°	274.6	273.9	274.6	275.2	275.4	274.5	273.3	272.6	272.9	273.5	273.9
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8
2.5°	3329.3	3310.7	3310.7	3279.7	3267.3	3257.9	3242.4	3195.8	3183.4	3170.9	3189.6
5°	3357.3	3323.2	3298.3	3242.4	3195.8	3177.2	3118.1	3006.4	2931.9	2875.9	2844.9
7.5°	3363.5	3320.0	3273.4	3186.5	3074.6	3025.0	2844.9	2639.8	2584.0	2534.3	2503.2
10°	3357.3	3307.6	3242.4	3111.9	2848.0	2761.0	2580.8	2447.3	2413.2	2403.8	2413.2
12.5°	3335.5	3288.9	3198.9	2981.5	2611.9	2552.9	2447.3	2369.7	2363.4	2379.0	2462.8
15°	3298.3	3254.8	3149.3	2807.6	2481.4	2438.0	2363.4	2335.5	2369.7	2478.4	2730.0
17.5°	3261.0	3211.3	3080.9	2636.8	2382.1	2351.0	2298.3	2354.2	2546.7	2692.7	2776.5
20°	3211.3	3152.3	3003.2	2512.6	2310.7	2282.7	2257.9	2509.4	2655.4	2708.2	2754.8
22.5°	3152.3	3090.2	2897.6	2425.6	2236.1	2214.4	2229.9	2596.4	2655.4	2692.7	2733.1
25°	3074.6	3021.9	2773.5	2357.3	2177.1	2152.3	2211.3	2587.1	2621.2	2630.6	2711.3
27.5°	3003.2	2934.9	2643.0	2295.2	2105.7	2096.4	2226.8	2546.7	2571.6	2580.8	2667.8
30°	2916.3	2813.8	2497.0	2229.9	2031.1	2028.0	2229.9	2497.0	2490.8	2515.7	2602.6
32.5°	2826.2	2633.7	2332.4	2149.1	1959.7	1956.6	2208.2	2422.4	2416.3	2450.4	2515.7
35°	2742.3	2493.9	2108.8	2056.0	1869.6	1872.7	2155.4	2335.5	2338.7	2369.7	2410.1
37.5°	2655.4	2372.8	1863.5	1953.5	1782.7	1782.7	2083.9	2254.8	2248.5	2257.9	2313.8
40°	2552.9	2183.3	1646.1	1820.0	1702.0	1692.6	1997.0	2167.8	2146.0	2143.0	2220.6
42.5°	2444.2	1975.2	1484.6	1642.9	1608.8	1596.3	1891.4	2062.2	2021.9	2031.1	2130.5
45°	2326.2	1919.4	1360.3	1388.3	1512.5	1503.2	1776.5	1941.1	1913.1	1938.0	2040.5
47.5°	2208.2	1807.5	1319.9	1152.3	1410.0	1406.9	1649.2	1823.1	1807.5	1832.4	1941.1
50°	2046.6	1683.3	1316.8	987.6	1295.1	1307.5	1496.9	1708.2	1708.2	1729.9	1844.8
52.5°	1838.6	1531.1	1195.7	894.5	1161.5	1198.8	1363.4	1608.8	1615.0	1636.7	1739.2
55°	1649.2	1372.8	1108.8	823.0	1003.1	1083.9	1233.0	1506.3	1518.7	1540.4	1633.6
57.5°	1475.2	1142.9	1090.1	739.2	857.2	934.9	1118.0	1406.9	1413.1	1431.8	1521.8
60°	1288.9	826.1	1000.0	649.1	729.8	788.9	1012.5	1288.9	1310.7	1323.0	1400.7
62.5°	1077.6	599.4	906.9	587.0	667.7	680.2	925.5	1177.0	1205.0	1214.4	1260.9
65°	767.1	503.2	770.2	534.2	602.5	605.6	832.3	1062.1	1087.0	1102.5	1136.7
67.5°	518.7	409.9	587.0	484.5	552.8	555.9	742.2	928.6	962.8	975.2	997.0
70°	360.3	273.3	434.8	431.7	496.9	503.2	646.0	807.5	838.6	847.9	860.2
72.5°	264.0	220.5	360.3	388.2	437.9	444.2	546.6	670.8	701.9	711.2	717.5
75°	201.9	232.9	291.9	338.5	372.7	375.8	447.2	546.6	568.3	574.6	577.7
77.5°	161.5	217.4	214.3	273.3	304.4	298.2	350.9	422.4	441.0	441.0	441.0
80°	121.1	170.8	161.5	195.7	223.6	217.4	251.5	301.3	307.4	313.7	310.5
82.5°	90.0	108.7	108.7	124.3	149.0	142.9	167.8	195.7	195.7	195.7	201.9
85°	55.9	62.1	49.6	65.2	83.9	80.8	93.1	105.6	108.7	108.7	102.5
87.5°	34.1	28.0	15.5	24.9	37.3	37.3	43.5	46.6	43.5	43.5	43.5
90°	4.8	3.3	1.8	3.3	4.8	5.1	8.1	12.0	13.9	12.4	9.3
92.5°	32.4	19.8	7.3	19.8	32.4	35.5	49.9	69.1	78.6	68.9	49.6
95°	63.4	40.5	17.6	40.5	63.4	69.1	122.7	194.2	230.0	205.2	155.7
97.5°	70.8	50.7	30.6	50.7	70.8	75.9	165.3	284.5	344.1	328.5	297.2
100°	77.0	58.7	40.5	58.7	77.0	81.6	180.8	313.0	379.2	380.4	382.7
102.5°	83.1	66.0	48.9	66.0	83.1	87.3	187.9	322.1	389.2	409.1	448.9
105°	92.2	77.7	63.2	77.7	92.2	95.8	193.3	323.1	388.1	432.8	522.2
107.5°	104.9	91.4	77.9	91.4	104.9	108.3	194.2	308.7	366.0	428.3	553.0
110°	112.2	100.0	87.9	100.0	112.2	115.3	192.7	296.0	347.6	417.3	556.7



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	120.8	109.2	97.6	109.2	120.8	123.7	192.8	284.9	330.9	402.2	544.8
115°	133.7	123.0	112.3	123.0	133.7	136.4	194.6	272.1	310.8	379.6	517.0
117.5°	146.3	136.6	126.8	136.6	146.3	148.8	198.2	264.1	297.1	359.1	483.1
120°	153.6	144.4	135.3	144.4	153.6	155.9	201.2	261.5	291.6	348.2	461.5
122.5°	162.1	152.8	143.5	152.8	162.1	164.4	205.4	260.0	287.3	338.4	440.4
125°	173.1	164.7	156.3	164.7	173.1	175.2	211.1	258.9	282.7	326.1	412.8
127.5°	183.5	175.0	166.6	175.0	183.5	185.6	216.8	258.1	278.9	316.1	390.6
130°	190.3	181.2	172.1	181.2	190.3	192.6	220.9	258.6	277.4	310.5	376.8
132.5°	196.0	186.9	177.8	186.9	196.0	198.3	224.3	258.9	276.1	305.8	365.1
135°	202.9	194.6	186.2	194.6	202.9	205.0	228.0	258.6	273.9	298.8	348.4
137.5°	211.3	203.1	194.8	203.1	211.3	213.5	233.5	260.2	273.6	294.6	336.5
140°	217.2	209.6	202.0	209.6	217.2	219.1	236.9	260.4	272.3	290.5	326.7
142.5°	221.6	214.6	207.6	214.6	221.6	223.4	239.7	261.5	272.3	288.2	320.1
145°	228.2	222.2	216.0	222.2	228.2	229.8	243.4	261.5	270.4	283.5	309.5
147.5°	236.4	230.4	224.5	230.4	236.4	237.9	248.7	263.2	270.4	280.7	301.2
150°	240.7	235.4	230.0	235.4	240.7	242.1	251.5	264.1	270.4	279.1	296.4
152.5°	243.8	239.7	235.7	239.7	243.8	244.8	253.4	264.8	270.4	277.8	292.6
155°	250.2	247.1	244.1	247.1	250.2	250.9	257.4	266.1	270.4	276.3	288.1
157.5°	256.2	253.3	250.3	253.3	256.2	257.0	261.5	267.4	270.4	275.0	284.1
160°	259.2	256.9	254.6	256.9	259.2	259.7	263.3	268.1	270.4	274.4	282.2
162.5°	262.2	260.5	258.8	260.5	262.2	262.6	265.2	268.7	270.4	273.7	280.4
165°	266.6	265.0	263.5	265.0	266.6	267.0	268.2	269.7	270.4	272.8	277.5
167.5°	269.2	268.4	267.7	268.4	269.2	269.3	270.4	271.6	272.3	273.8	277.0
170°	271.9	271.2	270.4	271.2	271.9	272.1	272.2	272.3	272.3	273.8	277.0
172.5°	272.3	272.1	271.9	272.1	272.3	272.3	272.3	272.3	272.3	273.5	276.0
175°	273.9	273.9	273.9	273.9	273.9	273.9	273.4	272.6	272.3	273.0	274.6
177.5°	273.9	273.9	273.9	273.9	273.9	273.9	273.5	272.9	272.6	273.3	274.5
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8	3282.8
2.5°	3167.9	3158.5	3170.9	3136.8	3170.9	3158.5	3167.9	3189.6	3170.9	3183.4	3195.8
5°	2779.6	2764.1	2714.5	2674.1	2714.5	2764.1	2779.6	2844.9	2875.9	2931.9	3006.4
7.5°	2484.6	2472.2	2459.7	2434.9	2459.7	2472.2	2484.6	2503.2	2534.3	2584.0	2639.8
10°	2419.4	2422.4	2441.1	2438.0	2441.1	2422.4	2419.4	2413.2	2403.8	2413.2	2447.3
12.5°	2587.1	2615.1	2717.5	2711.3	2717.5	2615.1	2587.1	2462.8	2379.0	2363.4	2369.7
15°	2779.6	2789.0	2810.7	2813.8	2810.7	2789.0	2779.6	2730.0	2478.4	2369.7	2335.5
17.5°	2798.2	2801.4	2816.9	2816.9	2816.9	2801.4	2798.2	2776.5	2692.7	2546.7	2354.2
20°	2782.7	2789.0	2820.0	2826.2	2820.0	2789.0	2782.7	2754.8	2708.2	2655.4	2509.4
22.5°	2776.5	2789.0	2813.8	2810.7	2813.8	2789.0	2776.5	2733.1	2692.7	2655.4	2596.4
25°	2745.5	2745.5	2748.6	2751.7	2748.6	2745.5	2745.5	2711.3	2630.6	2621.2	2587.1
27.5°	2680.2	2686.5	2705.1	2702.0	2705.1	2686.5	2680.2	2667.8	2580.8	2571.6	2546.7
30°	2621.2	2615.1	2599.5	2587.1	2599.5	2615.1	2621.2	2602.6	2515.7	2490.8	2497.0
32.5°	2521.8	2506.3	2490.8	2481.4	2490.8	2506.3	2521.8	2515.7	2450.4	2416.3	2422.4
35°	2403.8	2406.9	2403.8	2394.5	2403.8	2406.9	2403.8	2410.1	2369.7	2338.7	2335.5
37.5°	2320.0	2326.2	2323.1	2310.7	2323.1	2326.2	2320.0	2313.8	2257.9	2248.5	2254.8
40°	2233.0	2236.1	2233.0	2223.7	2233.0	2236.1	2233.0	2220.6	2143.0	2146.0	2167.8
42.5°	2149.1	2146.0	2136.8	2130.5	2136.8	2146.0	2149.1	2130.5	2031.1	2021.9	2062.2
45°	2052.9	2056.0	2037.4	2028.0	2037.4	2056.0	2052.9	2040.5	1938.0	1913.1	1941.1
47.5°	1956.6	1956.6	1941.1	1931.7	1941.1	1956.6	1956.6	1941.1	1832.4	1807.5	1823.1
50°	1854.1	1851.0	1829.2	1826.2	1829.2	1851.0	1854.1	1844.8	1729.9	1708.2	1708.2
52.5°	1736.1	1736.1	1739.2	1745.5	1739.2	1736.1	1736.1	1739.2	1636.7	1615.0	1608.8
55°	1633.6	1636.7	1658.5	1664.7	1658.5	1636.7	1633.6	1633.6	1540.4	1518.7	1506.3
57.5°	1528.1	1528.1	1543.6	1543.6	1543.6	1528.1	1528.1	1521.8	1431.8	1413.1	1406.9
60°	1406.9	1413.1	1425.5	1422.4	1425.5	1413.1	1406.9	1400.7	1323.0	1310.7	1288.9
62.5°	1279.5	1285.8	1288.9	1282.7	1288.9	1285.8	1279.5	1260.9	1214.4	1205.0	1177.0
65°	1146.0	1152.3	1155.4	1149.1	1155.4	1152.3	1146.0	1136.7	1102.5	1087.0	1062.1
67.5°	1009.4	1006.3	1003.1	1015.6	1003.1	1006.3	1009.4	997.0	975.2	962.8	928.6
70°	869.6	869.6	866.5	872.7	866.5	869.6	869.6	860.2	847.9	838.6	807.5
72.5°	720.6	717.5	729.8	720.6	729.8	717.5	720.6	717.5	711.2	701.9	670.8
75°	574.6	580.8	574.6	583.8	574.6	580.8	574.6	577.7	574.6	568.3	546.6
77.5°	437.9	444.2	437.9	437.9	437.9	444.2	437.9	441.0	441.0	441.0	422.4
80°	310.5	307.4	307.4	304.4	307.4	307.4	310.5	310.5	313.7	307.4	301.3
82.5°	198.8	195.7	195.7	201.9	195.7	195.7	198.8	201.9	195.7	195.7	195.7
85°	108.7	111.8	105.6	105.6	105.6	111.8	108.7	102.5	108.7	108.7	105.6
87.5°	40.4	37.3	37.3	37.3	37.3	37.3	40.4	43.5	43.5	43.5	46.6
90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	9.3	12.4	13.9	12.0
92.5°	35.0	33.6	28.0	22.4	28.0	33.6	35.0	49.6	68.9	78.6	69.1
95°	118.6	114.3	97.6	80.7	97.6	114.3	118.6	155.7	205.2	230.0	194.2
97.5°	273.7	265.8	233.6	201.6	233.6	265.8	273.7	297.2	328.5	344.1	284.5
100°	384.4	374.9	336.7	298.5	336.7	374.9	384.4	382.7	380.4	379.2	313.0
102.5°	478.9	470.7	438.0	405.3	438.0	470.7	478.9	448.9	409.1	389.2	322.1
105°	589.2	584.8	567.2	549.6	567.2	584.8	589.2	522.2	432.8	388.1	323.1
107.5°	646.5	647.6	651.8	656.1	651.8	647.6	646.5	553.0	428.3	366.0	308.7
110°	661.2	665.8	684.0	702.4	684.0	665.8	661.2	556.7	417.3	347.6	296.0



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	651.8	658.9	687.0	715.1	687.0	658.9	651.8	544.8	402.2	330.9	284.9
115°	620.1	629.8	668.8	707.7	668.8	629.8	620.1	517.0	379.6	310.8	272.1
117.5°	576.1	587.0	630.2	673.4	630.2	587.0	576.1	483.1	359.1	297.1	264.1
120°	546.5	556.9	599.0	641.0	599.0	556.9	546.5	461.5	348.2	291.6	261.5
122.5°	516.9	527.3	568.7	610.1	568.7	527.3	516.9	440.4	338.4	287.3	260.0
125°	477.8	487.3	525.5	563.6	525.5	487.3	477.8	412.8	326.1	282.7	258.9
127.5°	446.4	454.4	486.6	518.8	486.6	454.4	446.4	390.6	316.1	278.9	258.1
130°	426.5	433.9	463.6	493.4	463.6	433.9	426.5	376.8	310.5	277.4	258.6
132.5°	409.6	416.3	442.9	469.5	442.9	416.3	409.6	365.1	305.8	276.1	258.9
135°	385.7	391.4	414.3	437.3	414.3	391.4	385.7	348.4	298.8	273.9	258.6
137.5°	368.0	372.7	391.5	410.3	391.5	372.7	368.0	336.5	294.6	273.6	260.2
140°	353.9	358.3	375.8	393.4	375.8	358.3	353.9	326.7	290.5	272.3	260.4
142.5°	344.0	347.7	362.9	377.9	362.9	347.7	344.0	320.1	288.2	272.3	261.5
145°	329.1	331.9	343.4	354.8	343.4	331.9	329.1	309.5	283.5	270.4	261.5
147.5°	316.5	318.9	328.4	337.9	328.4	318.9	316.5	301.2	280.7	270.4	263.2
150°	309.4	311.3	319.0	326.7	319.0	311.3	309.4	296.4	279.1	270.4	264.1
152.5°	303.7	305.1	310.9	316.7	310.9	305.1	303.7	292.6	277.8	270.4	264.8
155°	296.9	297.8	301.6	305.5	301.6	297.8	296.9	288.1	276.3	270.4	266.1
157.5°	291.0	291.6	294.4	297.1	294.4	291.6	291.0	284.1	275.0	270.4	267.4
160°	288.1	288.4	290.0	291.6	290.0	288.4	288.1	282.2	274.4	270.4	268.1
162.5°	285.3	285.7	287.1	288.6	287.1	285.7	285.3	280.4	273.7	270.4	268.7
165°	281.1	281.5	283.0	284.6	283.0	281.5	281.1	277.5	272.8	270.4	269.7
167.5°	279.3	279.4	280.1	280.7	280.1	279.4	279.3	277.0	273.8	272.3	271.6
170°	279.3	279.3	279.3	279.3	279.3	279.3	279.3	277.0	273.8	272.3	272.3
172.5°	277.8	277.6	277.1	276.5	277.1	277.6	277.8	276.0	273.5	272.3	272.3
175°	275.8	275.8	275.8	275.8	275.8	275.8	275.8	274.6	273.0	272.3	272.6
177.5°	275.4	275.2	274.6	273.9	274.6	275.2	275.4	274.5	273.3	272.6	272.9
180°	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3282.8	3282.8	3282.8	3282.8	3282.8
2.5°	3242.4	3257.9	3267.3	3279.7	3310.7
5°	3118.1	3177.2	3195.8	3242.4	3298.3
7.5°	2844.9	3025.0	3074.6	3186.5	3273.4
10°	2580.8	2761.0	2848.0	3111.9	3242.4
12.5°	2447.3	2552.9	2611.9	2981.5	3198.9
15°	2363.4	2438.0	2481.4	2807.6	3149.3
17.5°	2298.3	2351.0	2382.1	2636.8	3080.9
20°	2257.9	2282.7	2310.7	2512.6	3003.2
22.5°	2229.9	2214.4	2236.1	2425.6	2897.6
25°	2211.3	2152.3	2177.1	2357.3	2773.5
27.5°	2226.8	2096.4	2105.7	2295.2	2643.0
30°	2229.9	2028.0	2031.1	2229.9	2497.0
32.5°	2208.2	1956.6	1959.7	2149.1	2332.4
35°	2155.4	1872.7	1869.6	2056.0	2108.8
37.5°	2083.9	1782.7	1782.7	1953.5	1863.5
40°	1997.0	1692.6	1702.0	1820.0	1646.1
42.5°	1891.4	1596.3	1608.8	1642.9	1484.6
45°	1776.5	1503.2	1512.5	1388.3	1360.3
47.5°	1649.2	1406.9	1410.0	1152.3	1319.9
50°	1496.9	1307.5	1295.1	987.6	1316.8
52.5°	1363.4	1198.8	1161.5	894.5	1195.7
55°	1233.0	1083.9	1003.1	823.0	1108.8
57.5°	1118.0	934.9	857.2	739.2	1090.1
60°	1012.5	788.9	729.8	649.1	1000.0
62.5°	925.5	680.2	667.7	587.0	906.9
65°	832.3	605.6	602.5	534.2	770.2
67.5°	742.2	555.9	552.8	484.5	587.0
70°	646.0	503.2	496.9	431.7	434.8
72.5°	546.6	444.2	437.9	388.2	360.3
75°	447.2	375.8	372.7	338.5	291.9
77.5°	350.9	298.2	304.4	273.3	214.3
80°	251.5	217.4	223.6	195.7	161.5
82.5°	167.8	142.9	149.0	124.3	108.7
85°	93.1	80.8	83.9	65.2	49.6
87.5°	43.5	37.3	37.3	24.9	15.5
90°	8.1	5.1	4.8	3.3	1.8
92.5°	49.9	35.5	32.4	19.8	7.3
95°	122.7	69.1	63.4	40.5	17.6
97.5°	165.3	75.9	70.8	50.7	30.6
100°	180.8	81.6	77.0	58.7	40.5
102.5°	187.9	87.3	83.1	66.0	48.9
105°	193.3	95.8	92.2	77.7	63.2
107.5°	194.2	108.3	104.9	91.4	77.9
110°	192.7	115.3	112.2	100.0	87.9



TEST NUMBER: P934168

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	192.8	123.7	120.8	109.2	97.6
115°	194.6	136.4	133.7	123.0	112.3
117.5°	198.2	148.8	146.3	136.6	126.8
120°	201.2	155.9	153.6	144.4	135.3
122.5°	205.4	164.4	162.1	152.8	143.5
125°	211.1	175.2	173.1	164.7	156.3
127.5°	216.8	185.6	183.5	175.0	166.6
130°	220.9	192.6	190.3	181.2	172.1
132.5°	224.3	198.3	196.0	186.9	177.8
135°	228.0	205.0	202.9	194.6	186.2
137.5°	233.5	213.5	211.3	203.1	194.8
140°	236.9	219.1	217.2	209.6	202.0
142.5°	239.7	223.4	221.6	214.6	207.6
145°	243.4	229.8	228.2	222.2	216.0
147.5°	248.7	237.9	236.4	230.4	224.5
150°	251.5	242.1	240.7	235.4	230.0
152.5°	253.4	244.8	243.8	239.7	235.7
155°	257.4	250.9	250.2	247.1	244.1
157.5°	261.5	257.0	256.2	253.3	250.3
160°	263.3	259.7	259.2	256.9	254.6
162.5°	265.2	262.6	262.2	260.5	258.8
165°	268.2	267.0	266.6	265.0	263.5
167.5°	270.4	269.3	269.2	268.4	267.7
170°	272.2	272.1	271.9	271.2	270.4
172.5°	272.3	272.3	272.3	272.1	271.9
175°	273.4	273.9	273.9	273.9	273.9
177.5°	273.5	273.9	273.9	273.9	273.9
180°	273.9	273.9	273.9	273.9	273.9



TEST NUMBER: P934168
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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	16.88	18.14	17.49	18.76	19.48	19.72	20.98	20.33	21.60	22.31
	3H	17.39	18.52	18.01	19.15	19.90	21.09	22.23	21.72	22.86	23.61
	4H	17.59	18.66	18.24	19.31	20.07	21.56	22.63	22.21	23.27	24.03
	6H	17.73	18.72	18.40	19.38	20.15	21.87	22.85	22.53	23.51	24.29
	8H	17.75	18.69	18.42	19.37	20.14	21.95	22.89	22.62	23.57	24.35
	12H	17.73	18.63	18.41	19.30	20.11	22.01	22.90	22.68	23.58	24.38
4H	2H	17.96	19.03	18.61	19.68	20.44	20.17	21.24	20.82	21.89	22.65
	3H	19.02	19.91	19.69	20.60	21.38	21.72	22.61	22.38	23.29	24.07
	4H	19.32	20.12	20.00	20.81	21.63	22.26	23.07	22.94	23.76	24.57
	6H	19.46	20.16	20.17	20.88	21.70	22.65	23.35	23.35	24.07	24.89
	8H	19.48	20.13	20.18	20.85	21.68	22.77	23.42	23.48	24.14	24.97
	12H	19.47	20.05	20.19	20.79	21.63	22.85	23.44	23.57	24.17	25.01
8H	4H	19.80	20.46	20.51	21.17	22.00	22.42	23.07	23.13	23.79	24.62
	6H	20.08	20.62	20.82	21.38	22.22	22.87	23.42	23.61	24.17	25.01
	8H	20.13	20.61	20.88	21.37	22.22	23.03	23.51	23.78	24.27	25.13
	12H	20.13	20.56	20.88	21.30	22.22	23.15	23.58	23.90	24.32	25.24
12H	4H	19.83	20.42	20.55	21.16	21.99	22.40	22.99	23.13	23.73	24.57
	6H	20.15	20.63	20.89	21.39	22.24	22.87	23.36	23.62	24.12	24.97
	8H	20.23	20.66	20.98	21.41	22.32	23.06	23.48	23.81	24.23	25.14