

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: P934193

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934193
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-B2750-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

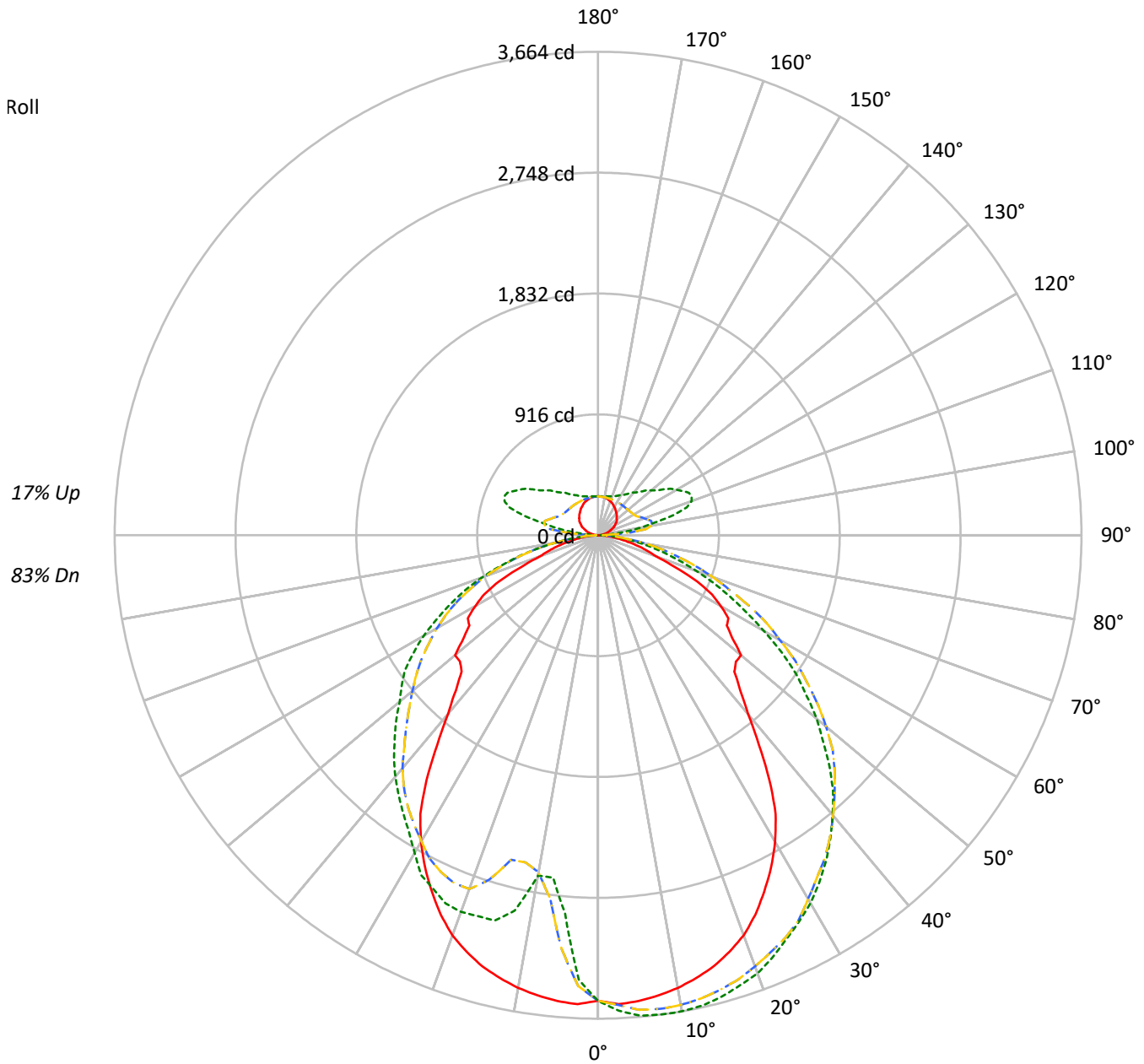
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11054.1 lumens
Efficiency: N/A
Efficacy: 111.4 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: P934193
CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16364	16364	16364	16364
5°	16487	16519	16487	12989
10°	16376	16272	16376	11634
15°	16199	15919	16199	13294
20°	15860	15502	15860	13321
25°	15166	14893	15166	13039
30°	14270	14387	14270	12419
35°	12721	13747	12721	11738
40°	10601	12994	10601	11223
45°	9471	12113	9471	10631
50°	10062	11062	10062	10037
55°	9467	9929	9467	9694
60°	9758	8433	9758	8879
65°	8847	6971	8847	7792
70°	6127	5555	6127	6532
75°	5371	4107	5371	4917
80°	4329	2715	4329	2957
85°	2483	1438	2483	1223

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14516 cd/sqm



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	318.4	2.9
10°-20°	904.0	8.2
20°-30°	1397.4	12.6
30°-40°	1668.2	15.1
40°-50°	1678.0	15.2
50°-60°	1460.0	13.2
60°-70°	1035.2	9.4
70°-80°	547.7	5.0
80°-90°	137.5	1.2
90°-100°	143.4	1.3
100°-110°	377.1	3.4
110°-120°	391.1	3.5
120°-130°	313.7	2.8
130°-140°	246.1	2.2
140°-150°	188.9	1.7
150°-160°	136.0	1.2
160°-170°	83.2	0.8
170°-180°	28.1	0.3
0°-30°	2619.7	23.7
0°-40°	4287.9	38.8
0°-60°	7425.9	67.2
0°-90°	9146.3	82.7
90°-120°	911.7	8.2
90°-150°	1660.4	15.0
90°-180°	1908.0	17.3
0°-180°	11054.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3527	3527	3527	3527	3527	
5°	3544	3654	3544	2873	3544	336
15°	3384	3620	3384	3023	3384	952
25°	2980	3377	2980	2956	2980	1368
35°	2266	3013	2266	2573	2266	1402
45°	1462	2483	1462	2179	1462	1171
55°	1191	1832	1191	1789	1191	1095
65°	828	1104	828	1235	828	791
75°	314	524	314	627	314	330
85°	53	134	53	114	53	72
90°	2	8	2	8	2	4
95°	19	87	19	87	19	21
105°	68	590	68	590	68	72
115°	121	760	121	760	121	119
125°	168	606	168	606	168	149
135°	200	470	200	470	200	155
145°	232	381	232	381	232	145
155°	262	328	262	328	262	121
165°	283	306	283	306	283	80
175°	294	296	294	296	294	28
180°	294	294	294	294	294	



TEST NUMBER: P934193
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3557.1	3557.1	3577.1	3583.8	3583.8	3573.9	3563.8	3573.9	3603.8	3613.9	3610.5
5°	3543.8	3570.5	3607.2	3613.9	3620.5	3617.2	3610.5	3617.2	3650.6	3657.3	3660.6
7.5°	3517.1	3567.2	3613.9	3623.8	3633.9	3623.8	3620.5	3627.2	3660.6	3667.2	3667.2
10°	3483.7	3553.8	3607.2	3613.9	3623.8	3613.9	3613.9	3627.2	3660.6	3667.2	3670.6
12.5°	3437.0	3533.7	3583.8	3590.5	3603.8	3600.5	3597.2	3610.5	3643.9	3650.6	3650.6
15°	3383.7	3497.0	3543.8	3550.5	3573.9	3567.2	3567.2	3580.5	3617.2	3627.2	3623.8
17.5°	3310.2	3450.3	3503.8	3513.7	3530.5	3527.1	3530.5	3543.8	3577.1	3583.8	3587.2
20°	3226.8	3386.9	3450.3	3460.4	3477.0	3477.0	3477.0	3493.7	3527.1	3540.4	3540.4
22.5°	3113.3	3320.3	3386.9	3393.6	3413.6	3413.6	3420.3	3443.7	3473.7	3477.0	3477.0
25°	2979.9	3246.8	3303.5	3323.5	3343.5	3353.6	3363.6	3377.0	3386.9	3383.7	3386.9
27.5°	2839.7	3153.3	3226.8	3240.1	3266.8	3276.9	3290.2	3293.5	3296.9	3306.8	3300.1
30°	2682.9	3023.3	3133.3	3146.7	3190.1	3196.7	3183.4	3190.1	3206.8	3213.5	3220.1
32.5°	2506.0	2829.7	3036.6	3066.7	3106.7	3086.7	3083.3	3093.3	3120.0	3120.0	3126.7
35°	2265.7	2679.6	2946.5	2973.2	3003.2	2979.9	2993.2	2996.6	3013.2	3023.3	3019.9
37.5°	2002.2	2549.4	2853.1	2873.1	2896.5	2866.4	2886.4	2896.5	2909.8	2903.1	2903.1
40°	1768.6	2345.8	2743.0	2756.3	2776.3	2752.9	2772.9	2779.6	2786.3	2779.6	2776.3
42.5°	1595.1	2122.3	2626.1	2642.8	2629.5	2646.1	2652.8	2666.1	2656.2	2642.8	2642.8
45°	1461.5	2062.2	2499.3	2519.3	2499.3	2526.0	2536.1	2536.1	2506.0	2499.3	2496.0
47.5°	1418.2	1942.0	2372.5	2372.5	2362.6	2395.9	2412.5	2389.2	2359.2	2349.1	2349.1
50°	1414.8	1808.6	2199.0	2185.7	2232.4	2272.4	2255.8	2232.4	2209.0	2172.4	2172.4
52.5°	1284.7	1645.0	1975.5	2025.5	2098.9	2122.3	2095.5	2072.2	2032.1	2015.5	2002.2
55°	1191.3	1475.0	1771.9	1872.0	1948.7	1978.8	1928.7	1905.3	1845.3	1835.3	1828.6
57.5°	1171.3	1228.0	1585.0	1711.8	1805.3	1801.9	1771.9	1728.6	1678.5	1668.4	1665.2
60°	1074.4	887.6	1384.8	1535.0	1631.7	1621.8	1595.1	1555.0	1508.3	1501.6	1495.0
62.5°	974.4	644.1	1157.9	1328.0	1464.9	1461.5	1438.2	1378.1	1344.8	1328.0	1314.7
65°	827.5	540.6	824.2	1104.5	1301.4	1308.0	1258.0	1214.7	1177.9	1157.9	1154.6
67.5°	630.6	440.4	557.3	921.0	1144.5	1137.8	1074.4	1054.4	1007.8	997.7	977.7
70°	467.2	293.6	387.1	747.5	991.0	974.4	924.3	901.0	857.6	834.3	820.8
72.5°	387.1	236.9	283.7	580.7	834.3	814.2	770.9	744.1	707.5	687.4	674.0
75°	313.6	250.2	216.9	430.5	677.4	664.1	624.0	597.3	567.2	540.6	543.9
77.5°	230.2	233.6	173.5	317.0	537.3	517.3	493.9	460.5	447.2	420.4	420.4
80°	173.5	183.5	130.2	216.9	387.1	387.1	367.1	343.7	320.4	307.0	307.0
82.5°	116.7	116.7	96.7	136.9	263.7	253.6	240.3	233.6	220.3	213.6	213.6
85°	53.3	66.8	60.0	83.4	143.5	150.2	150.2	143.5	140.1	133.5	136.9
87.5°	16.7	30.1	36.7	46.7	73.5	76.7	80.1	80.1	80.1	83.4	83.4
90°	2.0	3.5	5.1	5.5	8.7	12.9	15.0	13.3	10.0	7.5	7.5
92.5°	7.9	21.3	34.8	38.2	53.6	74.2	84.5	74.0	53.2	37.6	36.1
95°	18.9	43.5	68.1	74.2	131.8	208.6	247.1	220.5	167.3	127.4	122.9
97.5°	32.8	54.5	76.1	81.5	177.6	305.7	369.8	353.0	319.4	294.1	285.5
100°	43.5	63.1	82.7	87.7	194.2	336.3	407.4	408.7	411.2	413.0	402.8
102.5°	52.6	70.9	89.2	93.8	201.9	346.1	418.2	439.6	482.4	514.5	505.7
105°	67.9	83.5	99.1	102.9	207.7	347.2	417.0	465.0	561.0	633.0	628.3
107.5°	83.7	98.2	112.7	116.3	208.6	331.7	393.2	460.2	594.2	694.6	695.8
110°	94.5	107.5	120.6	123.8	207.1	318.0	373.5	448.3	598.1	710.4	715.3



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	104.9	117.3	129.8	132.9	207.2	306.1	355.6	432.2	585.4	700.4	707.9
115°	120.7	132.1	143.7	146.5	209.0	292.3	334.0	407.8	555.5	666.2	676.7
117.5°	136.3	146.7	157.2	159.8	213.0	283.8	319.2	385.8	519.0	619.0	630.6
120°	145.3	155.2	165.1	167.5	216.1	280.9	313.3	374.1	495.9	587.2	598.4
122.5°	154.2	164.2	174.1	176.6	220.7	279.3	308.7	363.5	473.2	555.4	566.6
125°	167.9	177.0	186.0	188.2	226.8	278.2	303.8	350.3	443.5	513.3	523.6
127.5°	179.0	188.0	197.2	199.5	232.9	277.4	299.6	339.7	419.6	479.6	488.3
130°	184.9	194.7	204.5	207.0	237.3	277.9	298.1	333.7	404.9	458.2	466.2
132.5°	191.0	200.8	210.6	213.1	241.0	278.2	296.7	328.5	392.2	440.1	447.2
135°	200.1	209.0	218.0	220.3	244.9	277.9	294.3	321.0	374.4	414.4	420.5
137.5°	209.3	218.2	227.1	229.3	250.8	279.5	293.9	316.5	361.6	395.4	400.4
140°	217.0	225.2	233.4	235.5	254.5	279.8	292.5	312.1	351.0	380.2	384.9
142.5°	223.0	230.5	238.1	240.0	257.5	280.9	292.5	309.7	343.9	369.6	373.6
145°	232.1	238.7	245.2	246.9	261.5	280.9	290.6	304.6	332.6	353.6	356.6
147.5°	241.2	247.6	254.0	255.6	267.2	282.8	290.6	301.6	323.6	340.1	342.6
150°	247.1	252.9	258.6	260.1	270.3	283.8	290.6	299.8	318.5	332.4	334.5
152.5°	253.2	257.5	262.0	263.1	272.2	284.5	290.6	298.5	314.3	326.3	327.8
155°	262.3	265.5	268.8	269.6	276.6	285.9	290.6	296.9	309.5	319.0	320.0
157.5°	269.0	272.1	275.3	276.1	280.9	287.3	290.6	295.5	305.3	312.7	313.4
160°	273.5	276.0	278.4	279.0	282.9	288.0	290.6	294.8	303.2	309.5	309.9
162.5°	278.1	279.9	281.7	282.2	285.0	288.7	290.6	294.1	301.2	306.5	306.9
165°	283.1	284.8	286.4	286.8	288.1	289.8	290.6	293.1	298.2	302.0	302.4
167.5°	287.6	288.4	289.2	289.4	290.5	291.9	292.5	294.2	297.6	300.0	300.2
170°	290.6	291.4	292.2	292.3	292.4	292.5	292.5	294.2	297.6	300.0	300.0
172.5°	292.2	292.3	292.5	292.5	292.5	292.5	292.5	293.8	296.5	298.5	298.3
175°	294.3	294.3	294.3	294.3	293.7	292.9	292.5	293.3	295.0	296.3	296.3
177.5°	294.3	294.3	294.3	294.3	293.8	293.2	292.9	293.6	294.9	295.9	295.7
180°	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3617.2	3607.2	3617.2	3610.5	3613.9	3603.8	3573.9	3563.8	3573.9	3583.8	3583.8
5°	3660.6	3653.9	3660.6	3660.6	3657.3	3650.6	3617.2	3610.5	3617.2	3620.5	3613.9
7.5°	3673.9	3663.9	3673.9	3667.2	3667.2	3660.6	3627.2	3620.5	3623.8	3633.9	3623.8
10°	3673.9	3663.9	3673.9	3670.6	3667.2	3660.6	3627.2	3613.9	3613.9	3623.8	3613.9
12.5°	3657.3	3650.6	3657.3	3650.6	3650.6	3643.9	3610.5	3597.2	3600.5	3603.8	3590.5
15°	3630.6	3620.5	3630.6	3623.8	3627.2	3617.2	3580.5	3567.2	3567.2	3573.9	3550.5
17.5°	3590.5	3577.1	3590.5	3587.2	3583.8	3577.1	3543.8	3530.5	3527.1	3530.5	3513.7
20°	3543.8	3533.7	3543.8	3540.4	3540.4	3527.1	3493.7	3477.0	3477.0	3477.0	3460.4
22.5°	3470.3	3460.4	3470.3	3477.0	3477.0	3473.7	3443.7	3420.3	3413.6	3413.6	3393.6
25°	3386.9	3377.0	3386.9	3386.9	3383.7	3386.9	3377.0	3363.6	3353.6	3343.5	3323.5
27.5°	3306.8	3300.1	3306.8	3300.1	3306.8	3296.9	3293.5	3290.2	3276.9	3266.8	3240.1
30°	3226.8	3220.1	3226.8	3220.1	3213.5	3206.8	3190.1	3183.4	3196.7	3190.1	3146.7
32.5°	3126.7	3120.0	3126.7	3126.7	3120.0	3120.0	3093.3	3083.3	3086.7	3106.7	3066.7
35°	3023.3	3013.2	3023.3	3019.9	3023.3	3013.2	2996.6	2993.2	2979.9	3003.2	2973.2
37.5°	2903.1	2893.1	2903.1	2903.1	2903.1	2909.8	2896.5	2886.4	2866.4	2896.5	2873.1
40°	2779.6	2766.3	2779.6	2776.3	2779.6	2786.3	2779.6	2772.9	2752.9	2776.3	2756.3
42.5°	2639.5	2636.2	2639.5	2642.8	2642.8	2656.2	2666.1	2652.8	2646.1	2629.5	2642.8
45°	2489.4	2482.6	2489.4	2496.0	2499.3	2506.0	2536.1	2536.1	2526.0	2499.3	2519.3
47.5°	2329.1	2312.5	2329.1	2349.1	2349.1	2359.2	2389.2	2412.5	2395.9	2362.6	2372.5
50°	2158.9	2162.3	2158.9	2172.4	2172.4	2209.0	2232.4	2255.8	2272.4	2232.4	2185.7
52.5°	1992.1	1988.8	1992.1	2002.2	2015.5	2032.1	2072.2	2095.5	2122.3	2098.9	2025.5
55°	1825.3	1832.0	1825.3	1828.6	1835.3	1845.3	1905.3	1928.7	1978.8	1948.7	1872.0
57.5°	1658.5	1648.4	1658.5	1665.2	1668.4	1678.5	1728.6	1771.9	1801.9	1805.3	1711.8
60°	1464.9	1451.6	1464.9	1495.0	1501.6	1508.3	1555.0	1595.1	1621.8	1631.7	1535.0
62.5°	1294.7	1271.3	1294.7	1314.7	1328.0	1344.8	1378.1	1438.2	1461.5	1464.9	1328.0
65°	1114.5	1104.5	1114.5	1154.6	1157.9	1177.9	1214.7	1258.0	1308.0	1301.4	1104.5
67.5°	951.0	951.0	951.0	977.7	997.7	1007.8	1054.4	1074.4	1137.8	1144.5	921.0
70°	800.8	797.5	800.8	820.8	834.3	857.6	901.0	924.3	974.4	991.0	747.5
72.5°	657.4	654.0	657.4	674.0	687.4	707.5	744.1	770.9	814.2	834.3	580.7
75°	530.6	523.9	530.6	543.9	540.6	567.2	597.3	624.0	664.1	677.4	430.5
77.5°	407.1	407.1	407.1	420.4	420.4	447.2	460.5	493.9	517.3	537.3	317.0
80°	303.7	300.3	303.7	307.0	307.0	320.4	343.7	367.1	387.1	387.1	216.9
82.5°	213.6	206.9	213.6	213.6	213.6	220.3	233.6	240.3	253.6	263.7	136.9
85°	133.5	133.5	133.5	136.9	133.5	140.1	143.5	150.2	150.2	143.5	83.4
87.5°	86.8	83.4	86.8	83.4	83.4	80.1	80.1	80.1	76.7	73.5	46.7
90°	7.5	7.5	7.5	7.5	7.5	10.0	13.3	15.0	12.9	8.7	5.5
92.5°	30.1	24.1	30.1	36.1	37.6	53.2	74.0	84.5	74.2	53.6	38.2
95°	104.8	86.7	104.8	122.9	127.4	167.3	220.5	247.1	208.6	131.8	74.2
97.5°	251.0	216.6	251.0	285.5	294.1	319.4	353.0	369.8	305.7	177.6	81.5
100°	361.8	320.7	361.8	402.8	413.0	411.2	408.7	407.4	336.3	194.2	87.7
102.5°	470.6	435.5	470.6	505.7	514.5	482.4	439.6	418.2	346.1	201.9	93.8
105°	609.4	590.5	609.4	628.3	633.0	561.0	465.0	417.0	347.2	207.7	102.9
107.5°	700.4	704.9	700.4	695.8	694.6	594.2	460.2	393.2	331.7	208.6	116.3
110°	735.0	754.7	735.0	715.3	710.4	598.1	448.3	373.5	318.0	207.1	123.8



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	738.1	768.3	738.1	707.9	700.4	585.4	432.2	355.6	306.1	207.2	132.9
115°	718.6	760.4	718.6	676.7	666.2	555.5	407.8	334.0	292.3	209.0	146.5
117.5°	677.1	723.5	677.1	630.6	619.0	519.0	385.8	319.2	283.8	213.0	159.8
120°	643.6	688.7	643.6	598.4	587.2	495.9	374.1	313.3	280.9	216.1	167.5
122.5°	611.0	655.5	611.0	566.6	555.4	473.2	363.5	308.7	279.3	220.7	176.6
125°	564.6	605.6	564.6	523.6	513.3	443.5	350.3	303.8	278.2	226.8	188.2
127.5°	522.8	557.4	522.8	488.3	479.6	419.6	339.7	299.6	277.4	232.9	199.5
130°	498.1	530.1	498.1	466.2	458.2	404.9	333.7	298.1	277.9	237.3	207.0
132.5°	475.8	504.4	475.8	447.2	440.1	392.2	328.5	296.7	278.2	241.0	213.1
135°	445.2	469.8	445.2	420.5	414.4	374.4	321.0	294.3	277.9	244.9	220.3
137.5°	420.6	440.8	420.6	400.4	395.4	361.6	316.5	293.9	279.5	250.8	229.3
140°	403.8	422.7	403.8	384.9	380.2	351.0	312.1	292.5	279.8	254.5	235.5
142.5°	389.9	406.0	389.9	373.6	369.6	343.9	309.7	292.5	280.9	257.5	240.0
145°	369.0	381.2	369.0	356.6	353.6	332.6	304.6	290.6	280.9	261.5	246.9
147.5°	352.8	363.0	352.8	342.6	340.1	323.6	301.6	290.6	282.8	267.2	255.6
150°	342.7	351.0	342.7	334.5	332.4	318.5	299.8	290.6	283.8	270.3	260.1
152.5°	334.1	340.3	334.1	327.8	326.3	314.3	298.5	290.6	284.5	272.2	263.1
155°	324.1	328.2	324.1	320.0	319.0	309.5	296.9	290.6	285.9	276.6	269.6
157.5°	316.3	319.2	316.3	313.4	312.7	305.3	295.5	290.6	287.3	280.9	276.1
160°	311.6	313.3	311.6	309.9	309.5	303.2	294.8	290.6	288.0	282.9	279.0
162.5°	308.5	310.1	308.5	306.9	306.5	301.2	294.1	290.6	288.7	285.0	282.2
165°	304.1	305.8	304.1	302.4	302.0	298.2	293.1	290.6	289.8	288.1	286.8
167.5°	300.9	301.6	300.9	300.2	300.0	297.6	294.2	292.5	291.9	290.5	289.4
170°	300.0	300.0	300.0	300.0	300.0	297.6	294.2	292.5	292.5	292.4	292.3
172.5°	297.7	297.1	297.7	298.3	298.5	296.5	293.8	292.5	292.5	292.5	292.5
175°	296.3	296.3	296.3	296.3	296.3	295.0	293.3	292.5	292.9	293.7	294.3
177.5°	295.0	294.3	295.0	295.7	295.9	294.9	293.6	292.9	293.2	293.8	294.3
180°	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3577.1	3557.1	3557.1	3523.8	3510.5	3500.4	3483.7	3433.6	3420.3	3406.9	3427.0
5°	3607.2	3570.5	3543.8	3483.7	3433.6	3413.6	3350.2	3230.1	3150.1	3089.9	3056.6
7.5°	3613.9	3567.2	3517.1	3423.7	3303.5	3250.2	3056.6	2836.3	2776.3	2722.9	2689.5
10°	3607.2	3553.8	3483.7	3343.5	3060.0	2966.5	2772.9	2629.5	2592.8	2582.7	2592.8
12.5°	3583.8	3533.7	3437.0	3203.4	2806.4	2743.0	2629.5	2546.0	2539.3	2556.1	2646.1
15°	3543.8	3497.0	3383.7	3016.6	2666.1	2619.5	2539.3	2509.4	2546.0	2662.9	2933.2
17.5°	3503.8	3450.3	3310.2	2833.1	2559.4	2526.0	2469.3	2529.4	2736.2	2893.1	2983.1
20°	3450.3	3386.9	3226.8	2699.6	2482.6	2452.6	2426.0	2696.2	2853.1	2909.8	2959.9
22.5°	3386.9	3320.3	3113.3	2606.1	2402.6	2379.2	2395.9	2789.7	2853.1	2893.1	2936.5
25°	3303.5	3246.8	2979.9	2532.7	2339.2	2312.5	2375.9	2779.6	2816.3	2826.4	2913.1
27.5°	3226.8	3153.3	2839.7	2466.0	2262.4	2252.4	2392.5	2736.2	2763.0	2772.9	2866.4
30°	3133.3	3023.3	2682.9	2395.9	2182.3	2179.0	2395.9	2682.9	2676.2	2702.9	2796.3
32.5°	3036.6	2829.7	2506.0	2309.1	2105.6	2102.3	2372.5	2602.7	2596.1	2632.8	2702.9
35°	2946.5	2679.6	2265.7	2209.0	2008.8	2012.1	2315.8	2509.4	2512.7	2546.0	2589.4
37.5°	2853.1	2549.4	2002.2	2098.9	1915.4	1915.4	2239.0	2422.6	2415.9	2426.0	2486.0
40°	2743.0	2345.8	1768.6	1955.4	1828.6	1818.6	2145.6	2329.1	2305.8	2302.5	2385.9
42.5°	2626.1	2122.3	1595.1	1765.2	1728.6	1715.1	2032.1	2215.7	2172.4	2182.3	2289.1
45°	2499.3	2062.2	1461.5	1491.6	1625.0	1615.1	1908.7	2085.6	2055.5	2082.2	2192.4
47.5°	2372.5	1942.0	1418.2	1238.0	1515.0	1511.6	1771.9	1958.8	1942.0	1968.7	2085.6
50°	2199.0	1808.6	1414.8	1061.1	1391.4	1404.9	1608.4	1835.3	1835.3	1858.6	1982.2
52.5°	1975.5	1645.0	1284.7	961.1	1248.0	1288.0	1464.9	1728.6	1735.2	1758.5	1868.7
55°	1771.9	1475.0	1191.3	884.2	1077.8	1164.6	1324.8	1618.4	1631.7	1655.1	1755.2
57.5°	1585.0	1228.0	1171.3	794.2	921.0	1004.4	1201.2	1511.6	1518.2	1538.4	1635.1
60°	1384.8	887.6	1074.4	697.4	784.2	847.6	1087.9	1384.8	1408.2	1421.5	1504.9
62.5°	1157.9	644.1	974.4	630.6	717.4	730.8	994.4	1264.6	1294.7	1304.8	1354.8
65°	824.2	540.6	827.5	574.0	647.3	650.7	894.3	1141.2	1167.9	1184.6	1221.3
67.5°	557.3	440.4	630.6	520.5	594.0	597.3	797.5	997.7	1034.4	1047.8	1071.2
70°	387.1	293.6	467.2	463.8	533.9	540.6	694.0	867.6	901.0	911.0	924.3
72.5°	283.7	236.9	387.1	417.1	470.5	477.2	587.3	720.8	754.1	764.2	770.9
75°	216.9	250.2	313.6	363.7	400.4	403.8	480.5	587.3	610.6	617.3	620.7
77.5°	173.5	233.6	230.2	293.6	327.1	320.4	377.0	453.9	473.9	473.9	473.9
80°	130.2	183.5	173.5	210.2	240.3	233.6	270.3	323.7	330.3	337.0	333.7
82.5°	96.7	116.7	116.7	133.5	160.1	153.5	180.2	210.2	210.2	210.2	216.9
85°	60.0	66.8	53.3	70.1	90.1	86.8	100.1	113.5	116.7	116.7	110.1
87.5°	36.7	30.1	16.7	26.7	40.0	40.0	46.7	50.1	46.7	46.7	46.7
90°	5.1	3.5	2.0	3.5	5.1	5.5	8.7	12.9	15.0	13.3	10.0
92.5°	34.8	21.3	7.9	21.3	34.8	38.2	53.6	74.2	84.5	74.0	53.2
95°	68.1	43.5	18.9	43.5	68.1	74.2	131.8	208.6	247.1	220.5	167.3
97.5°	76.1	54.5	32.8	54.5	76.1	81.5	177.6	305.7	369.8	353.0	319.4
100°	82.7	63.1	43.5	63.1	82.7	87.7	194.2	336.3	407.4	408.7	411.2
102.5°	89.2	70.9	52.6	70.9	89.2	93.8	201.9	346.1	418.2	439.6	482.4
105°	99.1	83.5	67.9	83.5	99.1	102.9	207.7	347.2	417.0	465.0	561.0
107.5°	112.7	98.2	83.7	98.2	112.7	116.3	208.6	331.7	393.2	460.2	594.2
110°	120.6	107.5	94.5	107.5	120.6	123.8	207.1	318.0	373.5	448.3	598.1



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	129.8	117.3	104.9	117.3	129.8	132.9	207.2	306.1	355.6	432.2	585.4
115°	143.7	132.1	120.7	132.1	143.7	146.5	209.0	292.3	334.0	407.8	555.5
117.5°	157.2	146.7	136.3	146.7	157.2	159.8	213.0	283.8	319.2	385.8	519.0
120°	165.1	155.2	145.3	155.2	165.1	167.5	216.1	280.9	313.3	374.1	495.9
122.5°	174.1	164.2	154.2	164.2	174.1	176.6	220.7	279.3	308.7	363.5	473.2
125°	186.0	177.0	167.9	177.0	186.0	188.2	226.8	278.2	303.8	350.3	443.5
127.5°	197.2	188.0	179.0	188.0	197.2	199.5	232.9	277.4	299.6	339.7	419.6
130°	204.5	194.7	184.9	194.7	204.5	207.0	237.3	277.9	298.1	333.7	404.9
132.5°	210.6	200.8	191.0	200.8	210.6	213.1	241.0	278.2	296.7	328.5	392.2
135°	218.0	209.0	200.1	209.0	218.0	220.3	244.9	277.9	294.3	321.0	374.4
137.5°	227.1	218.2	209.3	218.2	227.1	229.3	250.8	279.5	293.9	316.5	361.6
140°	233.4	225.2	217.0	225.2	233.4	235.5	254.5	279.8	292.5	312.1	351.0
142.5°	238.1	230.5	223.0	230.5	238.1	240.0	257.5	280.9	292.5	309.7	343.9
145°	245.2	238.7	232.1	238.7	245.2	246.9	261.5	280.9	290.6	304.6	332.6
147.5°	254.0	247.6	241.2	247.6	254.0	255.6	267.2	282.8	290.6	301.6	323.6
150°	258.6	252.9	247.1	252.9	258.6	260.1	270.3	283.8	290.6	299.8	318.5
152.5°	262.0	257.5	253.2	257.5	262.0	263.1	272.2	284.5	290.6	298.5	314.3
155°	268.8	265.5	262.3	265.5	268.8	269.6	276.6	285.9	290.6	296.9	309.5
157.5°	275.3	272.1	269.0	272.1	275.3	276.1	280.9	287.3	290.6	295.5	305.3
160°	278.4	276.0	273.5	276.0	278.4	279.0	282.9	288.0	290.6	294.8	303.2
162.5°	281.7	279.9	278.1	279.9	281.7	282.2	285.0	288.7	290.6	294.1	301.2
165°	286.4	284.8	283.1	284.8	286.4	286.8	288.1	289.8	290.6	293.1	298.2
167.5°	289.2	288.4	287.6	288.4	289.2	289.4	290.5	291.9	292.5	294.2	297.6
170°	292.2	291.4	290.6	291.4	292.2	292.3	292.4	292.5	292.5	294.2	297.6
172.5°	292.5	292.3	292.2	292.3	292.5	292.5	292.5	292.5	292.5	293.8	296.5
175°	294.3	294.3	294.3	294.3	294.3	294.3	293.7	292.9	292.5	293.3	295.0
177.5°	294.3	294.3	294.3	294.3	294.3	294.3	293.8	293.2	292.9	293.6	294.9
180°	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3403.7	3393.6	3406.9	3370.2	3406.9	3393.6	3403.7	3427.0	3406.9	3420.3	3433.6
5°	2986.5	2969.8	2916.5	2873.1	2916.5	2969.8	2986.5	3056.6	3089.9	3150.1	3230.1
7.5°	2669.5	2656.2	2642.8	2616.2	2642.8	2656.2	2669.5	2689.5	2722.9	2776.3	2836.3
10°	2599.5	2602.7	2622.8	2619.5	2622.8	2602.7	2599.5	2592.8	2582.7	2592.8	2629.5
12.5°	2779.6	2809.7	2919.7	2913.1	2919.7	2809.7	2779.6	2646.1	2556.1	2539.3	2546.0
15°	2986.5	2996.6	3019.9	3023.3	3019.9	2996.6	2986.5	2933.2	2662.9	2546.0	2509.4
17.5°	3006.5	3009.9	3026.5	3026.5	3026.5	3009.9	3006.5	2983.1	2893.1	2736.2	2529.4
20°	2989.8	2996.6	3029.9	3036.6	3029.9	2996.6	2989.8	2959.9	2909.8	2853.1	2696.2
22.5°	2983.1	2996.6	3023.3	3019.9	3023.3	2996.6	2983.1	2936.5	2893.1	2853.1	2789.7
25°	2949.8	2949.8	2953.2	2956.5	2953.2	2949.8	2949.8	2913.1	2826.4	2816.3	2779.6
27.5°	2879.7	2886.4	2906.4	2903.1	2906.4	2886.4	2879.7	2866.4	2772.9	2763.0	2736.2
30°	2816.3	2809.7	2792.9	2779.6	2792.9	2809.7	2816.3	2796.3	2702.9	2676.2	2682.9
32.5°	2709.5	2692.9	2676.2	2666.1	2676.2	2692.9	2709.5	2702.9	2632.8	2596.1	2602.7
35°	2582.7	2586.1	2582.7	2572.8	2582.7	2586.1	2582.7	2589.4	2546.0	2512.7	2509.4
37.5°	2492.7	2499.3	2496.0	2482.6	2496.0	2499.3	2492.7	2486.0	2426.0	2415.9	2422.6
40°	2399.2	2402.6	2399.2	2389.2	2399.2	2402.6	2399.2	2385.9	2302.5	2305.8	2329.1
42.5°	2309.1	2305.8	2295.8	2289.1	2295.8	2305.8	2309.1	2289.1	2182.3	2172.4	2215.7
45°	2205.7	2209.0	2189.0	2179.0	2189.0	2209.0	2205.7	2192.4	2082.2	2055.5	2085.6
47.5°	2102.3	2102.3	2085.6	2075.5	2085.6	2102.3	2102.3	2085.6	1968.7	1942.0	1958.8
50°	1992.1	1988.8	1965.4	1962.1	1965.4	1988.8	1992.1	1982.2	1858.6	1835.3	1835.3
52.5°	1865.3	1865.3	1868.7	1875.4	1868.7	1865.3	1865.3	1868.7	1758.5	1735.2	1728.6
55°	1755.2	1758.5	1781.9	1788.6	1781.9	1758.5	1755.2	1755.2	1655.1	1631.7	1618.4
57.5°	1641.8	1641.8	1658.5	1658.5	1658.5	1641.8	1641.8	1635.1	1538.4	1518.2	1511.6
60°	1511.6	1518.2	1531.7	1528.3	1531.7	1518.2	1511.6	1504.9	1421.5	1408.2	1384.8
62.5°	1374.8	1381.5	1384.8	1378.1	1384.8	1381.5	1374.8	1354.8	1304.8	1294.7	1264.6
65°	1231.3	1238.0	1241.4	1234.7	1241.4	1238.0	1231.3	1221.3	1184.6	1167.9	1141.2
67.5°	1084.5	1081.1	1077.8	1091.2	1077.8	1081.1	1084.5	1071.2	1047.8	1034.4	997.7
70°	934.3	934.3	931.0	937.7	931.0	934.3	934.3	924.3	911.0	901.0	867.6
72.5°	774.2	770.9	784.2	774.2	784.2	770.9	774.2	770.9	764.2	754.1	720.8
75°	617.3	624.0	617.3	627.3	617.3	624.0	617.3	620.7	617.3	610.6	587.3
77.5°	470.5	477.2	470.5	470.5	470.5	477.2	470.5	473.9	473.9	473.9	453.9
80°	333.7	330.3	330.3	327.1	330.3	330.3	333.7	333.7	337.0	330.3	323.7
82.5°	213.6	210.2	210.2	216.9	210.2	210.2	213.6	216.9	210.2	210.2	210.2
85°	116.7	120.1	113.5	113.5	113.5	120.1	116.7	110.1	116.7	116.7	113.5
87.5°	43.4	40.0	40.0	40.0	40.0	40.0	43.4	46.7	46.7	46.7	50.1
90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10.0	13.3	15.0	12.9
92.5°	37.6	36.1	30.1	24.1	30.1	36.1	37.6	53.2	74.0	84.5	74.2
95°	127.4	122.9	104.8	86.7	104.8	122.9	127.4	167.3	220.5	247.1	208.6
97.5°	294.1	285.5	251.0	216.6	251.0	285.5	294.1	319.4	353.0	369.8	305.7
100°	413.0	402.8	361.8	320.7	361.8	402.8	413.0	411.2	408.7	407.4	336.3
102.5°	514.5	505.7	470.6	435.5	470.6	505.7	514.5	482.4	439.6	418.2	346.1
105°	633.0	628.3	609.4	590.5	609.4	628.3	633.0	561.0	465.0	417.0	347.2
107.5°	694.6	695.8	700.4	704.9	700.4	695.8	694.6	594.2	460.2	393.2	331.7
110°	710.4	715.3	735.0	754.7	735.0	715.3	710.4	598.1	448.3	373.5	318.0



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	700.4	707.9	738.1	768.3	738.1	707.9	700.4	585.4	432.2	355.6	306.1
115°	666.2	676.7	718.6	760.4	718.6	676.7	666.2	555.5	407.8	334.0	292.3
117.5°	619.0	630.6	677.1	723.5	677.1	630.6	619.0	519.0	385.8	319.2	283.8
120°	587.2	598.4	643.6	688.7	643.6	598.4	587.2	495.9	374.1	313.3	280.9
122.5°	555.4	566.6	611.0	655.5	611.0	566.6	555.4	473.2	363.5	308.7	279.3
125°	513.3	523.6	564.6	605.6	564.6	523.6	513.3	443.5	350.3	303.8	278.2
127.5°	479.6	488.3	522.8	557.4	522.8	488.3	479.6	419.6	339.7	299.6	277.4
130°	458.2	466.2	498.1	530.1	498.1	466.2	458.2	404.9	333.7	298.1	277.9
132.5°	440.1	447.2	475.8	504.4	475.8	447.2	440.1	392.2	328.5	296.7	278.2
135°	414.4	420.5	445.2	469.8	445.2	420.5	414.4	374.4	321.0	294.3	277.9
137.5°	395.4	400.4	420.6	440.8	420.6	400.4	395.4	361.6	316.5	293.9	279.5
140°	380.2	384.9	403.8	422.7	403.8	384.9	380.2	351.0	312.1	292.5	279.8
142.5°	369.6	373.6	389.9	406.0	389.9	373.6	369.6	343.9	309.7	292.5	280.9
145°	353.6	356.6	369.0	381.2	369.0	356.6	353.6	332.6	304.6	290.6	280.9
147.5°	340.1	342.6	352.8	363.0	352.8	342.6	340.1	323.6	301.6	290.6	282.8
150°	332.4	334.5	342.7	351.0	342.7	334.5	332.4	318.5	299.8	290.6	283.8
152.5°	326.3	327.8	334.1	340.3	334.1	327.8	326.3	314.3	298.5	290.6	284.5
155°	319.0	320.0	324.1	328.2	324.1	320.0	319.0	309.5	296.9	290.6	285.9
157.5°	312.7	313.4	316.3	319.2	316.3	313.4	312.7	305.3	295.5	290.6	287.3
160°	309.5	309.9	311.6	313.3	311.6	309.9	309.5	303.2	294.8	290.6	288.0
162.5°	306.5	306.9	308.5	310.1	308.5	306.9	306.5	301.2	294.1	290.6	288.7
165°	302.0	302.4	304.1	305.8	304.1	302.4	302.0	298.2	293.1	290.6	289.8
167.5°	300.0	300.2	300.9	301.6	300.9	300.2	300.0	297.6	294.2	292.5	291.9
170°	300.0	300.0	300.0	300.0	300.0	300.0	300.0	297.6	294.2	292.5	292.5
172.5°	298.5	298.3	297.7	297.1	297.7	298.3	298.5	296.5	293.8	292.5	292.5
175°	296.3	296.3	296.3	296.3	296.3	296.3	296.3	295.0	293.3	292.5	292.9
177.5°	295.9	295.7	295.0	294.3	295.0	295.7	295.9	294.9	293.6	292.9	293.2
180°	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3	294.3



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3483.7	3500.4	3510.5	3523.8	3557.1
5°	3350.2	3413.6	3433.6	3483.7	3543.8
7.5°	3056.6	3250.2	3303.5	3423.7	3517.1
10°	2772.9	2966.5	3060.0	3343.5	3483.7
12.5°	2629.5	2743.0	2806.4	3203.4	3437.0
15°	2539.3	2619.5	2666.1	3016.6	3383.7
17.5°	2469.3	2526.0	2559.4	2833.1	3310.2
20°	2426.0	2452.6	2482.6	2699.6	3226.8
22.5°	2395.9	2379.2	2402.6	2606.1	3113.3
25°	2375.9	2312.5	2339.2	2532.7	2979.9
27.5°	2392.5	2252.4	2262.4	2466.0	2839.7
30°	2395.9	2179.0	2182.3	2395.9	2682.9
32.5°	2372.5	2102.3	2105.6	2309.1	2506.0
35°	2315.8	2012.1	2008.8	2209.0	2265.7
37.5°	2239.0	1915.4	1915.4	2098.9	2002.2
40°	2145.6	1818.6	1828.6	1955.4	1768.6
42.5°	2032.1	1715.1	1728.6	1765.2	1595.1
45°	1908.7	1615.1	1625.0	1491.6	1461.5
47.5°	1771.9	1511.6	1515.0	1238.0	1418.2
50°	1608.4	1404.9	1391.4	1061.1	1414.8
52.5°	1464.9	1288.0	1248.0	961.1	1284.7
55°	1324.8	1164.6	1077.8	884.2	1191.3
57.5°	1201.2	1004.4	921.0	794.2	1171.3
60°	1087.9	847.6	784.2	697.4	1074.4
62.5°	994.4	730.8	717.4	630.6	974.4
65°	894.3	650.7	647.3	574.0	827.5
67.5°	797.5	597.3	594.0	520.5	630.6
70°	694.0	540.6	533.9	463.8	467.2
72.5°	587.3	477.2	470.5	417.1	387.1
75°	480.5	403.8	400.4	363.7	313.6
77.5°	377.0	320.4	327.1	293.6	230.2
80°	270.3	233.6	240.3	210.2	173.5
82.5°	180.2	153.5	160.1	133.5	116.7
85°	100.1	86.8	90.1	70.1	53.3
87.5°	46.7	40.0	40.0	26.7	16.7
90°	8.7	5.5	5.1	3.5	2.0
92.5°	53.6	38.2	34.8	21.3	7.9
95°	131.8	74.2	68.1	43.5	18.9
97.5°	177.6	81.5	76.1	54.5	32.8
100°	194.2	87.7	82.7	63.1	43.5
102.5°	201.9	93.8	89.2	70.9	52.6
105°	207.7	102.9	99.1	83.5	67.9
107.5°	208.6	116.3	112.7	98.2	83.7
110°	207.1	123.8	120.6	107.5	94.5



TEST NUMBER: P934193

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	207.2	132.9	129.8	117.3	104.9
115°	209.0	146.5	143.7	132.1	120.7
117.5°	213.0	159.8	157.2	146.7	136.3
120°	216.1	167.5	165.1	155.2	145.3
122.5°	220.7	176.6	174.1	164.2	154.2
125°	226.8	188.2	186.0	177.0	167.9
127.5°	232.9	199.5	197.2	188.0	179.0
130°	237.3	207.0	204.5	194.7	184.9
132.5°	241.0	213.1	210.6	200.8	191.0
135°	244.9	220.3	218.0	209.0	200.1
137.5°	250.8	229.3	227.1	218.2	209.3
140°	254.5	235.5	233.4	225.2	217.0
142.5°	257.5	240.0	238.1	230.5	223.0
145°	261.5	246.9	245.2	238.7	232.1
147.5°	267.2	255.6	254.0	247.6	241.2
150°	270.3	260.1	258.6	252.9	247.1
152.5°	272.2	263.1	262.0	257.5	253.2
155°	276.6	269.6	268.8	265.5	262.3
157.5°	280.9	276.1	275.3	272.1	269.0
160°	282.9	279.0	278.4	276.0	273.5
162.5°	285.0	282.2	281.7	279.9	278.1
165°	288.1	286.8	286.4	284.8	283.1
167.5°	290.5	289.4	289.2	288.4	287.6
170°	292.4	292.3	292.2	291.4	290.6
172.5°	292.5	292.5	292.5	292.3	292.2
175°	293.7	294.3	294.3	294.3	294.3
177.5°	293.8	294.3	294.3	294.3	294.3
180°	294.3	294.3	294.3	294.3	294.3



TEST NUMBER: P934193
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-8-3000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.13	18.39	17.74	19.01	19.72	19.97	21.23	20.58	21.85	22.56
	3H	17.64	18.77	18.26	19.40	20.15	21.34	22.48	21.97	23.11	23.86
	4H	17.84	18.91	18.49	19.56	20.32	21.81	22.87	22.46	23.52	24.28
	6H	17.98	18.97	18.64	19.63	20.40	22.11	23.10	22.78	23.76	24.53
	8H	18.00	18.94	18.67	19.62	20.39	22.20	23.14	22.87	23.82	24.60
	12H	17.98	18.88	18.66	19.55	20.36	22.25	23.15	22.93	23.83	24.63
4H	2H	18.21	19.28	18.86	19.93	20.69	20.42	21.49	21.07	22.14	22.90
	3H	19.27	20.16	19.94	20.85	21.63	21.97	22.86	22.63	23.54	24.32
	4H	19.57	20.37	20.25	21.06	21.87	22.51	23.32	23.19	24.01	24.82
	6H	19.71	20.41	20.41	21.13	21.95	22.90	23.60	23.60	24.32	25.14
	8H	19.73	20.38	20.43	21.10	21.93	23.02	23.67	23.73	24.39	25.22
	12H	19.71	20.30	20.44	21.04	21.88	23.10	23.68	23.82	24.42	25.26
8H	4H	20.05	20.71	20.76	21.42	22.25	22.67	23.32	23.37	24.04	24.87
	6H	20.33	20.87	21.07	21.63	22.47	23.12	23.67	23.86	24.42	25.26
	8H	20.38	20.86	21.13	21.62	22.47	23.28	23.76	24.03	24.52	25.37
	12H	20.38	20.81	21.13	21.55	22.47	23.40	23.83	24.15	24.57	25.49
12H	4H	20.08	20.67	20.80	21.40	22.24	22.65	23.24	23.38	23.98	24.82
	6H	20.39	20.88	21.14	21.64	22.49	23.12	23.61	23.87	24.37	25.22
	8H	20.48	20.91	21.23	21.65	22.57	23.31	23.73	24.06	24.48	25.39