

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: P934994

Luminaire Tested: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934994
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

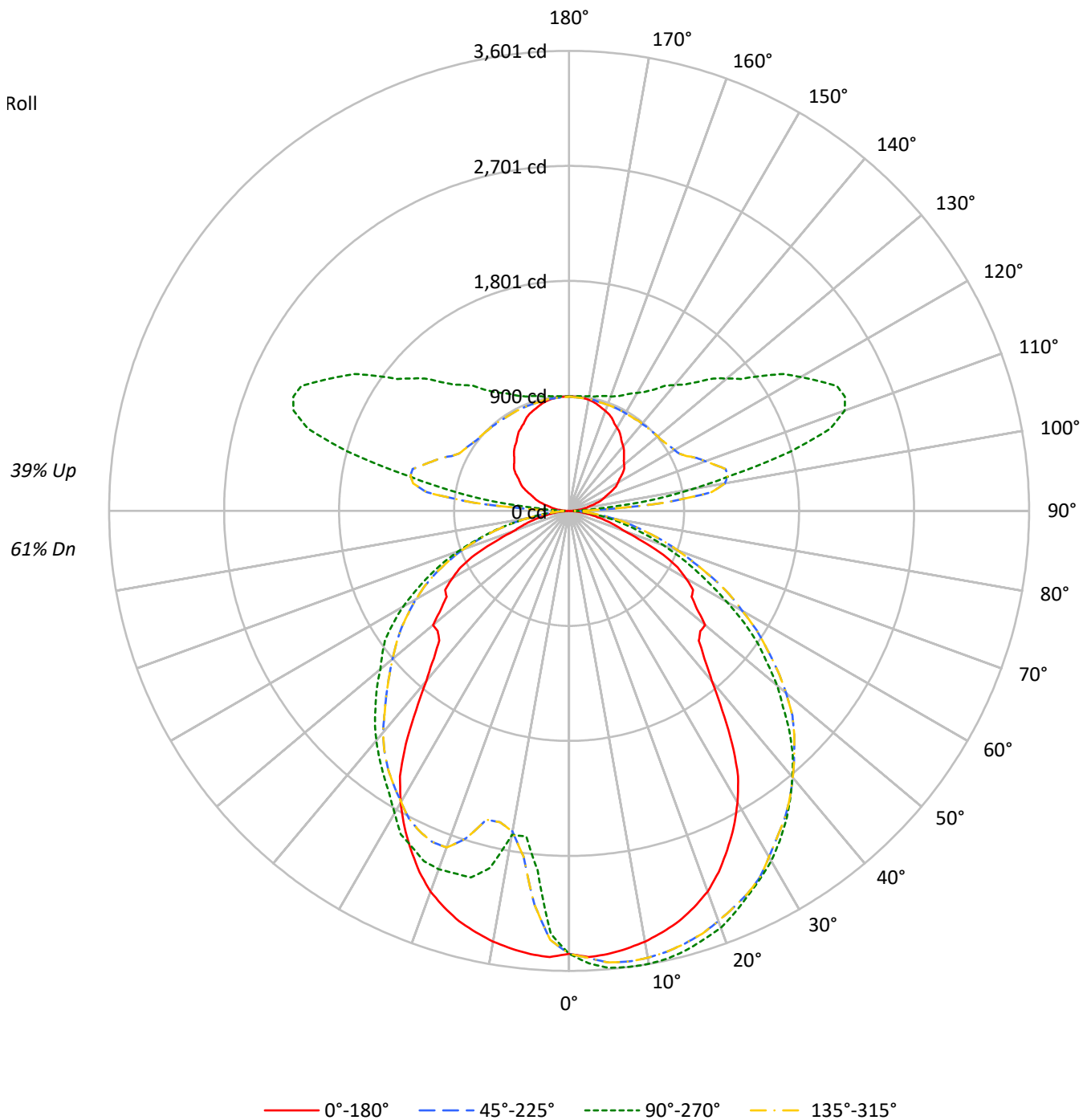
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14793.8 lumens
Efficiency: N/A
Efficacy: 119.3 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): 124
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: P934994
CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

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	0
RCR																		
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16082	16082	16082	16082
5°	16202	16234	16202	12765
10°	16094	15991	16094	11433
15°	15919	15645	15919	13064
20°	15586	15234	15586	13091
25°	14905	14636	14905	12814
30°	14024	14139	14024	12205
35°	12502	13510	12502	11535
40°	10418	12770	10418	11030
45°	9308	11904	9308	10448
50°	9889	10871	9889	9865
55°	9304	9758	9304	9527
60°	9590	8288	9590	8726
65°	8696	6851	8696	7658
70°	6021	5459	6021	6419
75°	5279	4035	5279	4832
80°	4254	2669	4254	2905
85°	2441	1413	2441	1201

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14266 cd/sqm



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.9	2.1
10°-20°	888.4	6.0
20°-30°	1373.3	9.3
30°-40°	1639.4	11.1
40°-50°	1649.0	11.1
50°-60°	1434.9	9.7
60°-70°	1017.3	6.9
70°-80°	538.2	3.6
80°-90°	137.5	0.9
90°-100°	436.4	2.9
100°-110°	1147.2	7.8
110°-120°	1189.5	8.0
120°-130°	954.1	6.4
130°-140°	748.6	5.1
140°-150°	574.6	3.9
150°-160°	413.8	2.8
160°-170°	253.2	1.7
170°-180°	85.5	0.6
0°-30°	2574.6	17.4
0°-40°	4214.0	28.5
0°-60°	7297.9	49.3
0°-90°	8990.9	60.8
90°-120°	2773.0	18.7
90°-150°	5050.3	34.1
90°-180°	5803.0	39.2
0°-180°	14793.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3466	3466	3466	3466	3466	
5°	3483	3591	3483	2824	3483	330
15°	3325	3558	3325	2971	3325	936
25°	2928	3319	2928	2906	2928	1345
35°	2227	2961	2227	2528	2227	1378
45°	1436	2440	1436	2141	1436	1151
55°	1171	1800	1171	1758	1171	1076
65°	813	1086	813	1213	813	777
75°	308	515	308	616	308	324
85°	52	131	52	112	52	71
90°	6	23	6	23	6	7
95°	58	264	58	264	58	64
105°	207	1796	207	1796	207	219
115°	367	2313	367	2313	367	363
125°	511	1842	511	1842	511	453
135°	608	1429	608	1429	608	471
145°	706	1160	706	1160	706	442
155°	798	998	798	998	798	367
165°	861	930	861	930	861	243
175°	895	901	895	901	895	85
180°	895	895	895	895	895	



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3495.8	3495.8	3515.4	3522.0	3522.0	3512.2	3502.4	3512.2	3541.7	3551.6	3548.3
5°	3482.7	3508.9	3545.0	3551.6	3558.1	3554.9	3548.3	3554.9	3587.6	3594.2	3597.5
7.5°	3456.4	3505.6	3551.6	3561.4	3571.2	3561.4	3558.1	3564.7	3597.5	3604.0	3604.0
10°	3423.7	3492.6	3545.0	3551.6	3561.4	3551.6	3551.6	3564.7	3597.5	3604.0	3607.3
12.5°	3377.7	3472.8	3522.0	3528.6	3541.7	3538.4	3535.2	3548.3	3581.0	3587.6	3587.6
15°	3325.3	3436.8	3482.7	3489.3	3512.2	3505.6	3505.6	3518.7	3554.9	3564.7	3561.4
17.5°	3253.1	3390.8	3443.3	3453.1	3469.6	3466.3	3469.6	3482.7	3515.4	3522.0	3525.3
20°	3171.1	3328.5	3390.8	3400.7	3417.1	3417.1	3417.1	3433.5	3466.3	3479.4	3479.4
22.5°	3059.6	3263.0	3328.5	3335.1	3354.8	3354.8	3361.4	3384.3	3413.8	3417.1	3417.1
25°	2928.5	3190.8	3246.5	3266.2	3285.9	3295.8	3305.6	3318.7	3328.5	3325.3	3328.5
27.5°	2790.7	3099.0	3171.1	3184.2	3210.5	3220.4	3233.5	3236.8	3240.0	3249.8	3243.2
30°	2636.6	2971.1	3079.3	3092.5	3135.1	3141.6	3128.5	3135.1	3151.5	3158.1	3164.6
32.5°	2462.8	2780.9	2984.2	3013.8	3053.1	3033.5	3030.2	3039.9	3066.2	3066.2	3072.8
35°	2226.7	2633.4	2895.7	2921.9	2951.4	2928.5	2941.6	2944.9	2961.3	2971.1	2967.9
37.5°	1967.7	2505.4	2803.9	2823.6	2846.5	2817.0	2836.7	2846.5	2859.6	2853.0	2853.0
40°	1738.1	2305.3	2695.7	2708.7	2728.4	2705.4	2725.1	2731.7	2738.3	2731.7	2728.4
42.5°	1567.6	2085.7	2580.8	2597.2	2584.1	2600.5	2607.1	2620.2	2610.4	2597.2	2597.2
45°	1436.3	2026.7	2456.2	2475.9	2456.2	2482.5	2492.4	2492.4	2462.8	2456.2	2452.9
47.5°	1393.7	1908.5	2331.6	2331.6	2321.8	2354.6	2370.9	2348.0	2318.5	2308.6	2308.6
50°	1390.4	1777.4	2161.1	2148.0	2193.9	2233.3	2216.9	2193.9	2170.9	2134.9	2134.9
52.5°	1262.5	1616.7	1941.4	1990.6	2062.7	2085.7	2059.4	2036.5	1997.1	1980.7	1967.7
55°	1170.7	1449.5	1741.4	1839.7	1915.1	1944.7	1895.5	1872.5	1813.5	1803.7	1797.1
57.5°	1151.1	1206.8	1557.7	1682.3	1774.1	1770.8	1741.4	1698.8	1649.5	1639.6	1636.4
60°	1055.9	872.3	1361.0	1508.5	1603.6	1593.8	1567.6	1528.2	1482.3	1475.7	1469.2
62.5°	957.6	633.0	1137.9	1305.1	1439.6	1436.3	1413.4	1354.4	1321.6	1305.1	1292.1
65°	813.3	531.3	810.0	1085.5	1279.0	1285.5	1236.3	1193.7	1157.6	1137.9	1134.7
67.5°	619.8	432.9	547.7	905.1	1124.8	1118.2	1055.9	1036.2	990.4	980.5	960.9
70°	459.1	288.6	380.4	734.6	973.9	957.6	908.3	885.5	842.8	819.9	806.7
72.5°	380.4	232.9	278.8	570.6	819.9	800.2	757.6	731.3	695.3	675.6	662.4
75°	308.2	245.9	213.2	423.1	665.7	652.6	613.3	587.0	557.5	531.3	534.5
77.5°	226.3	229.6	170.5	311.5	528.0	508.3	485.4	452.5	439.4	413.2	413.2
80°	170.5	180.3	127.9	213.2	380.4	380.4	360.8	337.8	314.8	301.7	301.7
82.5°	114.7	114.7	95.1	134.5	259.1	249.2	236.1	229.6	216.5	209.9	209.9
85°	52.4	65.6	59.0	82.0	141.0	147.6	147.6	141.0	137.7	131.2	134.5
87.5°	16.4	29.6	36.0	45.9	72.2	75.4	78.7	78.7	78.7	82.0	82.0
90°	6.0	10.9	15.7	16.9	26.5	39.2	45.6	40.6	30.4	22.9	22.9
92.5°	24.0	64.9	105.8	116.0	163.1	225.8	257.2	225.4	161.8	114.1	109.6
95°	57.7	132.5	207.2	225.9	401.1	634.7	751.6	670.6	508.8	387.5	373.7
97.5°	99.7	165.7	231.7	248.2	540.3	929.9	1124.6	1073.5	971.2	894.6	868.4
100°	132.2	192.0	251.8	266.8	591.0	1023.3	1239.4	1243.1	1250.6	1256.2	1225.0
102.5°	159.8	215.6	271.4	285.4	614.2	1052.6	1271.8	1336.9	1467.3	1565.0	1538.3
105°	206.7	254.0	301.2	313.0	631.4	1055.9	1268.2	1414.3	1706.3	1925.4	1911.1
107.5°	254.8	298.8	342.8	353.9	634.6	1008.9	1196.1	1399.8	1807.3	2112.9	2116.4
110°	287.2	326.9	366.7	376.7	629.8	967.3	1136.1	1363.8	1819.3	2161.0	2175.9



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	319.0	356.9	394.8	404.3	629.9	930.9	1081.4	1314.5	1780.7	2130.3	2153.3
115°	367.1	402.0	437.0	445.7	635.8	889.2	1015.9	1240.4	1689.5	2026.4	2058.3
117.5°	414.5	446.3	478.1	486.1	647.7	863.1	970.8	1173.5	1578.8	1882.8	1918.0
120°	442.2	472.0	501.9	509.4	657.2	854.3	952.8	1138.0	1508.3	1786.1	1820.4
122.5°	469.2	499.4	529.6	537.1	671.0	849.6	939.0	1105.7	1439.3	1689.4	1723.2
125°	510.7	538.2	565.6	572.5	689.6	845.8	923.9	1065.6	1348.8	1561.3	1592.6
127.5°	544.3	572.1	599.8	606.8	708.3	843.7	911.3	1033.0	1276.2	1458.6	1484.9
130°	562.3	592.2	622.1	629.6	721.9	845.1	906.6	1014.8	1231.4	1393.8	1418.1
132.5°	580.9	610.9	640.8	648.3	733.0	845.8	902.3	999.2	1193.1	1338.5	1360.3
135°	608.5	635.8	663.1	669.9	745.0	845.1	895.2	976.4	1138.7	1260.4	1279.2
137.5°	636.8	663.8	690.7	697.5	763.0	850.3	893.9	962.5	1099.8	1202.7	1218.0
140°	660.3	685.1	709.9	716.1	773.9	851.2	889.7	949.0	1067.5	1156.5	1170.8
142.5°	678.3	701.3	724.2	729.9	783.2	854.3	889.7	941.8	1045.9	1124.0	1136.3
145°	705.9	726.0	745.9	751.0	795.3	854.3	883.7	926.4	1011.5	1075.4	1084.7
147.5°	733.5	753.0	772.6	777.4	812.9	860.1	883.7	917.3	984.2	1034.5	1042.3
150°	751.6	769.2	786.8	791.2	822.0	863.2	883.7	912.0	968.6	1011.1	1017.4
152.5°	770.2	783.5	796.9	800.2	828.0	865.1	883.7	907.9	956.2	992.4	997.2
155°	797.8	807.7	817.5	820.1	841.3	869.6	883.7	902.9	941.4	970.3	973.4
157.5°	818.2	827.8	837.4	839.8	854.5	873.9	883.7	898.7	928.6	951.0	953.2
160°	832.1	839.5	847.0	848.8	860.5	876.0	883.7	896.5	922.2	941.4	942.6
162.5°	845.8	851.5	857.1	858.5	867.0	878.1	883.7	894.6	916.2	932.4	933.5
165°	860.9	865.9	871.0	872.3	876.1	881.2	883.7	891.5	907.0	918.6	919.9
167.5°	874.7	877.1	879.6	880.1	883.3	887.6	889.7	894.8	904.9	912.6	913.1
170°	883.7	886.2	888.6	889.2	889.3	889.6	889.7	894.8	904.9	912.6	912.6
172.5°	888.6	889.1	889.6	889.7	889.7	889.7	889.7	893.7	901.8	907.8	907.3
175°	895.2	895.2	895.2	895.2	893.3	890.9	889.7	892.3	897.4	901.2	901.2
177.5°	895.2	895.2	895.2	895.2	893.7	891.9	890.9	892.9	896.9	899.9	899.4
180°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3554.9	3545.0	3554.9	3548.3	3551.6	3541.7	3512.2	3502.4	3512.2	3522.0	3522.0
5°	3597.5	3590.9	3597.5	3597.5	3594.2	3587.6	3554.9	3548.3	3554.9	3558.1	3551.6
7.5°	3610.6	3600.7	3610.6	3604.0	3604.0	3597.5	3564.7	3558.1	3561.4	3571.2	3561.4
10°	3610.6	3600.7	3610.6	3607.3	3604.0	3597.5	3564.7	3551.6	3551.6	3561.4	3551.6
12.5°	3594.2	3587.6	3594.2	3587.6	3587.6	3581.0	3548.3	3535.2	3538.4	3541.7	3528.6
15°	3568.0	3558.1	3568.0	3561.4	3564.7	3554.9	3518.7	3505.6	3505.6	3512.2	3489.3
17.5°	3528.6	3515.4	3528.6	3525.3	3522.0	3515.4	3482.7	3469.6	3466.3	3469.6	3453.1
20°	3482.7	3472.8	3482.7	3479.4	3479.4	3466.3	3433.5	3417.1	3417.1	3417.1	3400.7
22.5°	3410.5	3400.7	3410.5	3417.1	3417.1	3413.8	3384.3	3361.4	3354.8	3354.8	3335.1
25°	3328.5	3318.7	3328.5	3328.5	3325.3	3328.5	3318.7	3305.6	3295.8	3285.9	3266.2
27.5°	3249.8	3243.2	3249.8	3243.2	3249.8	3240.0	3236.8	3233.5	3220.4	3210.5	3184.2
30°	3171.1	3164.6	3171.1	3164.6	3158.1	3151.5	3135.1	3128.5	3141.6	3135.1	3092.5
32.5°	3072.8	3066.2	3072.8	3072.8	3066.2	3066.2	3039.9	3030.2	3033.5	3053.1	3013.8
35°	2971.1	2961.3	2971.1	2967.9	2971.1	2961.3	2944.9	2941.6	2928.5	2951.4	2921.9
37.5°	2853.0	2843.2	2853.0	2853.0	2853.0	2859.6	2846.5	2836.7	2817.0	2846.5	2823.6
40°	2731.7	2718.6	2731.7	2728.4	2731.7	2738.3	2731.7	2725.1	2705.4	2728.4	2708.7
42.5°	2594.0	2590.7	2594.0	2597.2	2597.2	2610.4	2620.2	2607.1	2600.5	2584.1	2597.2
45°	2446.4	2439.8	2446.4	2452.9	2456.2	2462.8	2492.4	2492.4	2482.5	2456.2	2475.9
47.5°	2289.0	2272.6	2289.0	2308.6	2308.6	2318.5	2348.0	2370.9	2354.6	2321.8	2331.6
50°	2121.7	2125.0	2121.7	2134.9	2134.9	2170.9	2193.9	2216.9	2233.3	2193.9	2148.0
52.5°	1957.8	1954.5	1957.8	1967.7	1980.7	1997.1	2036.5	2059.4	2085.7	2062.7	1990.6
55°	1793.8	1800.4	1793.8	1797.1	1803.7	1813.5	1872.5	1895.5	1944.7	1915.1	1839.7
57.5°	1629.9	1620.0	1629.9	1636.4	1639.6	1649.5	1698.8	1741.4	1770.8	1774.1	1682.3
60°	1439.6	1426.6	1439.6	1469.2	1475.7	1482.3	1528.2	1567.6	1593.8	1603.6	1508.5
62.5°	1272.4	1249.4	1272.4	1292.1	1305.1	1321.6	1354.4	1413.4	1436.3	1439.6	1305.1
65°	1095.3	1085.5	1095.3	1134.7	1137.9	1157.6	1193.7	1236.3	1285.5	1279.0	1085.5
67.5°	934.6	934.6	934.6	960.9	980.5	990.4	1036.2	1055.9	1118.2	1124.8	905.1
70°	787.0	783.7	787.0	806.7	819.9	842.8	885.5	908.3	957.6	973.9	734.6
72.5°	646.0	642.7	646.0	662.4	675.6	695.3	731.3	757.6	800.2	819.9	570.6
75°	521.4	514.8	521.4	534.5	531.3	557.5	587.0	613.3	652.6	665.7	423.1
77.5°	400.1	400.1	400.1	413.2	413.2	439.4	452.5	485.4	508.3	528.0	311.5
80°	298.5	295.2	298.5	301.7	301.7	314.8	337.8	360.8	380.4	380.4	213.2
82.5°	209.9	203.3	209.9	209.9	209.9	216.5	229.6	236.1	249.2	259.1	134.5
85°	131.2	131.2	131.2	134.5	131.2	137.7	141.0	147.6	147.6	141.0	82.0
87.5°	85.3	82.0	85.3	82.0	82.0	78.7	78.7	78.7	75.4	72.2	45.9
90°	22.9	22.9	22.9	22.9	22.9	30.4	40.6	45.6	39.2	26.5	16.9
92.5°	91.5	73.3	91.5	109.6	114.1	161.8	225.4	257.2	225.8	163.1	116.0
95°	318.8	263.8	318.8	373.7	387.5	508.8	670.6	751.6	634.7	401.1	225.9
97.5°	763.7	659.0	763.7	868.4	894.6	971.2	1073.5	1124.6	929.9	540.3	248.2
100°	1100.4	975.7	1100.4	1225.0	1256.2	1250.6	1243.1	1239.4	1023.3	591.0	266.8
102.5°	1431.5	1324.7	1431.5	1538.3	1565.0	1467.3	1336.9	1271.8	1052.6	614.2	285.4
105°	1853.6	1796.2	1853.6	1911.1	1925.4	1706.3	1414.3	1268.2	1055.9	631.4	313.0
107.5°	2130.2	2144.1	2130.2	2116.4	2112.9	1807.3	1399.8	1196.1	1008.9	634.6	353.9
110°	2235.8	2295.6	2235.8	2175.9	2161.0	1819.3	1363.8	1136.1	967.3	629.8	376.7



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2245.1	2336.9	2245.1	2153.3	2130.3	1780.7	1314.5	1081.4	930.9	629.9	404.3
115°	2185.6	2312.9	2185.6	2058.3	2026.4	1689.5	1240.4	1015.9	889.2	635.8	445.7
117.5°	2059.3	2200.6	2059.3	1918.0	1882.8	1578.8	1173.5	970.8	863.1	647.7	486.1
120°	1957.7	2094.9	1957.7	1820.4	1786.1	1508.3	1138.0	952.8	854.3	657.2	509.4
122.5°	1858.5	1993.9	1858.5	1723.2	1689.4	1439.3	1105.7	939.0	849.6	671.0	537.1
125°	1717.3	1842.0	1717.3	1592.6	1561.3	1348.8	1065.6	923.9	845.8	689.6	572.5
127.5°	1590.1	1695.4	1590.1	1484.9	1458.6	1276.2	1033.0	911.3	843.7	708.3	606.8
130°	1515.2	1612.4	1515.2	1418.1	1393.8	1231.4	1014.8	906.6	845.1	721.9	629.6
132.5°	1447.3	1534.3	1447.3	1360.3	1338.5	1193.1	999.2	902.3	845.8	733.0	648.3
135°	1354.2	1429.2	1354.2	1279.2	1260.4	1138.7	976.4	895.2	845.1	745.0	669.9
137.5°	1279.5	1340.9	1279.5	1218.0	1202.7	1099.8	962.5	893.9	850.3	763.0	697.5
140°	1228.3	1285.7	1228.3	1170.8	1156.5	1067.5	949.0	889.7	851.2	773.9	716.1
142.5°	1185.8	1235.2	1185.8	1136.3	1124.0	1045.9	941.8	889.7	854.3	783.2	729.9
145°	1122.1	1159.5	1122.1	1084.7	1075.4	1011.5	926.4	883.7	854.3	795.3	751.0
147.5°	1073.2	1104.2	1073.2	1042.3	1034.5	984.2	917.3	883.7	860.1	812.9	777.4
150°	1042.5	1067.5	1042.5	1017.4	1011.1	968.6	912.0	883.7	863.2	822.0	791.2
152.5°	1016.1	1035.1	1016.1	997.2	992.4	956.2	907.9	883.7	865.1	828.0	800.2
155°	986.0	998.5	986.0	973.4	970.3	941.4	902.9	883.7	869.6	841.3	820.1
157.5°	962.0	970.8	962.0	953.2	951.0	928.6	898.7	883.7	873.9	854.5	839.8
160°	947.8	952.8	947.8	942.6	941.4	922.2	896.5	883.7	876.0	860.5	848.8
162.5°	938.4	943.2	938.4	933.5	932.4	916.2	894.6	883.7	878.1	867.0	858.5
165°	924.9	929.9	924.9	919.9	918.6	907.0	891.5	883.7	881.2	876.1	872.3
167.5°	915.2	917.4	915.2	913.1	912.6	904.9	894.8	889.7	887.6	883.3	880.1
170°	912.6	912.6	912.6	912.6	912.6	904.9	894.8	889.7	889.6	889.3	889.2
172.5°	905.4	903.6	905.4	907.3	907.8	901.8	893.7	889.7	889.7	889.7	889.7
175°	901.2	901.2	901.2	901.2	901.2	897.4	892.3	889.7	890.9	893.3	895.2
177.5°	897.3	895.2	897.3	899.4	899.9	896.9	892.9	890.9	891.9	893.7	895.2
180°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3515.4	3495.8	3495.8	3463.0	3449.9	3440.0	3423.7	3374.4	3361.4	3348.2	3368.0
5°	3545.0	3508.9	3482.7	3423.7	3374.4	3354.8	3292.5	3174.4	3095.8	3036.7	3003.9
7.5°	3551.6	3505.6	3456.4	3364.7	3246.5	3194.1	3003.9	2787.4	2728.4	2676.0	2643.1
10°	3545.0	3492.6	3423.7	3285.9	3007.2	2915.3	2725.1	2584.1	2548.1	2538.2	2548.1
12.5°	3522.0	3472.8	3377.7	3148.2	2758.0	2695.7	2584.1	2502.2	2495.6	2512.0	2600.5
15°	3482.7	3436.8	3325.3	2964.6	2620.2	2574.3	2495.6	2466.1	2502.2	2617.0	2882.6
17.5°	3443.3	3390.8	3253.1	2784.2	2515.2	2482.5	2426.8	2485.8	2689.1	2843.2	2931.7
20°	3390.8	3328.5	3171.1	2653.0	2439.8	2410.3	2384.1	2649.7	2803.9	2859.6	2908.8
22.5°	3328.5	3263.0	3059.6	2561.2	2361.2	2338.2	2354.6	2741.6	2803.9	2843.2	2885.9
25°	3246.5	3190.8	2928.5	2489.1	2298.9	2272.6	2334.9	2731.7	2767.8	2777.6	2862.9
27.5°	3171.1	3099.0	2790.7	2423.5	2223.4	2213.6	2351.3	2689.1	2715.3	2725.1	2817.0
30°	3079.3	2971.1	2636.6	2354.6	2144.7	2141.4	2354.6	2636.6	2630.1	2656.3	2748.1
32.5°	2984.2	2780.9	2462.8	2269.3	2069.3	2066.0	2331.6	2557.9	2551.4	2587.4	2656.3
35°	2895.7	2633.4	2226.7	2170.9	1974.1	1977.4	2275.9	2466.1	2469.4	2502.2	2544.8
37.5°	2803.9	2505.4	1967.7	2062.7	1882.4	1882.4	2200.4	2380.8	2374.2	2384.1	2443.1
40°	2695.7	2305.3	1738.1	1921.7	1797.1	1787.2	2108.6	2289.0	2266.0	2262.8	2344.8
42.5°	2580.8	2085.7	1567.6	1734.8	1698.8	1685.6	1997.1	2177.5	2134.9	2144.7	2249.6
45°	2456.2	2026.7	1436.3	1465.9	1597.0	1587.2	1875.8	2049.6	2020.1	2046.3	2154.6
47.5°	2331.6	1908.5	1393.7	1216.7	1488.9	1485.6	1741.4	1925.0	1908.5	1934.8	2049.6
50°	2161.1	1777.4	1390.4	1042.8	1367.5	1380.6	1580.6	1803.7	1803.7	1826.6	1948.0
52.5°	1941.4	1616.7	1262.5	944.5	1226.5	1265.8	1439.6	1698.8	1705.2	1728.2	1836.4
55°	1741.4	1449.5	1170.7	869.0	1059.2	1144.5	1301.9	1590.5	1603.6	1626.6	1724.9
57.5°	1557.7	1206.8	1151.1	780.5	905.1	987.1	1180.5	1485.6	1492.1	1511.8	1606.9
60°	1361.0	872.3	1055.9	685.4	770.6	833.0	1069.1	1361.0	1383.9	1397.0	1479.0
62.5°	1137.9	633.0	957.6	619.8	705.0	718.2	977.2	1242.8	1272.4	1282.3	1331.4
65°	810.0	531.3	813.3	564.1	636.1	639.4	878.9	1121.5	1147.8	1164.2	1200.2
67.5°	547.7	432.9	619.8	511.5	583.7	587.0	783.7	980.5	1016.6	1029.8	1052.7
70°	380.4	288.6	459.1	455.8	524.7	531.3	682.1	852.6	885.5	895.3	908.3
72.5°	278.8	232.9	380.4	409.9	462.4	469.0	577.1	708.3	741.1	751.0	757.6
75°	213.2	245.9	308.2	357.5	393.5	396.8	472.2	577.1	600.1	606.7	610.0
77.5°	170.5	229.6	226.3	288.6	321.4	314.8	370.5	446.0	465.7	465.7	465.7
80°	127.9	180.3	170.5	206.6	236.1	229.6	265.6	318.1	324.6	331.2	327.9
82.5°	95.1	114.7	114.7	131.2	157.4	150.9	177.1	206.6	206.6	206.6	213.2
85°	59.0	65.6	52.4	68.9	88.6	85.3	98.4	111.5	114.7	114.7	108.2
87.5°	36.0	29.6	16.4	26.3	39.3	39.3	45.9	49.2	45.9	45.9	45.9
90°	15.7	10.9	6.0	10.9	15.7	16.9	26.5	39.2	45.6	40.6	30.4
92.5°	105.8	64.9	24.0	64.9	105.8	116.0	163.1	225.8	257.2	225.4	161.8
95°	207.2	132.5	57.7	132.5	207.2	225.9	401.1	634.7	751.6	670.6	508.8
97.5°	231.7	165.7	99.7	165.7	231.7	248.2	540.3	929.9	1124.6	1073.5	971.2
100°	251.8	192.0	132.2	192.0	251.8	266.8	591.0	1023.3	1239.4	1243.1	1250.6
102.5°	271.4	215.6	159.8	215.6	271.4	285.4	614.2	1052.6	1271.8	1336.9	1467.3
105°	301.2	254.0	206.7	254.0	301.2	313.0	631.4	1055.9	1268.2	1414.3	1706.3
107.5°	342.8	298.8	254.8	298.8	342.8	353.9	634.6	1008.9	1196.1	1399.8	1807.3
110°	366.7	326.9	287.2	326.9	366.7	376.7	629.8	967.3	1136.1	1363.8	1819.3



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	394.8	356.9	319.0	356.9	394.8	404.3	629.9	930.9	1081.4	1314.5	1780.7
115°	437.0	402.0	367.1	402.0	437.0	445.7	635.8	889.2	1015.9	1240.4	1689.5
117.5°	478.1	446.3	414.5	446.3	478.1	486.1	647.7	863.1	970.8	1173.5	1578.8
120°	501.9	472.0	442.2	472.0	501.9	509.4	657.2	854.3	952.8	1138.0	1508.3
122.5°	529.6	499.4	469.2	499.4	529.6	537.1	671.0	849.6	939.0	1105.7	1439.3
125°	565.6	538.2	510.7	538.2	565.6	572.5	689.6	845.8	923.9	1065.6	1348.8
127.5°	599.8	572.1	544.3	572.1	599.8	606.8	708.3	843.7	911.3	1033.0	1276.2
130°	622.1	592.2	562.3	592.2	622.1	629.6	721.9	845.1	906.6	1014.8	1231.4
132.5°	640.8	610.9	580.9	610.9	640.8	648.3	733.0	845.8	902.3	999.2	1193.1
135°	663.1	635.8	608.5	635.8	663.1	669.9	745.0	845.1	895.2	976.4	1138.7
137.5°	690.7	663.8	636.8	663.8	690.7	697.5	763.0	850.3	893.9	962.5	1099.8
140°	709.9	685.1	660.3	685.1	709.9	716.1	773.9	851.2	889.7	949.0	1067.5
142.5°	724.2	701.3	678.3	701.3	724.2	729.9	783.2	854.3	889.7	941.8	1045.9
145°	745.9	726.0	705.9	726.0	745.9	751.0	795.3	854.3	883.7	926.4	1011.5
147.5°	772.6	753.0	733.5	753.0	772.6	777.4	812.9	860.1	883.7	917.3	984.2
150°	786.8	769.2	751.6	769.2	786.8	791.2	822.0	863.2	883.7	912.0	968.6
152.5°	796.9	783.5	770.2	783.5	796.9	800.2	828.0	865.1	883.7	907.9	956.2
155°	817.5	807.7	797.8	807.7	817.5	820.1	841.3	869.6	883.7	902.9	941.4
157.5°	837.4	827.8	818.2	827.8	837.4	839.8	854.5	873.9	883.7	898.7	928.6
160°	847.0	839.5	832.1	839.5	847.0	848.8	860.5	876.0	883.7	896.5	922.2
162.5°	857.1	851.5	845.8	851.5	857.1	858.5	867.0	878.1	883.7	894.6	916.2
165°	871.0	865.9	860.9	865.9	871.0	872.3	876.1	881.2	883.7	891.5	907.0
167.5°	879.6	877.1	874.7	877.1	879.6	880.1	883.3	887.6	889.7	894.8	904.9
170°	888.6	886.2	883.7	886.2	888.6	889.2	889.3	889.6	889.7	894.8	904.9
172.5°	889.6	889.1	888.6	889.1	889.6	889.7	889.7	889.7	889.7	893.7	901.8
175°	895.2	895.2	895.2	895.2	895.2	895.2	893.3	890.9	889.7	892.3	897.4
177.5°	895.2	895.2	895.2	895.2	895.2	895.2	893.7	891.9	890.9	892.9	896.9
180°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3345.0	3335.1	3348.2	3312.1	3348.2	3335.1	3345.0	3368.0	3348.2	3361.4	3374.4
5°	2935.0	2918.6	2866.2	2823.6	2866.2	2918.6	2935.0	3003.9	3036.7	3095.8	3174.4
7.5°	2623.5	2610.4	2597.2	2571.0	2597.2	2610.4	2623.5	2643.1	2676.0	2728.4	2787.4
10°	2554.7	2557.9	2577.5	2574.3	2577.5	2557.9	2554.7	2548.1	2538.2	2548.1	2584.1
12.5°	2731.7	2761.3	2869.4	2862.9	2869.4	2761.3	2731.7	2600.5	2512.0	2495.6	2502.2
15°	2935.0	2944.9	2967.9	2971.1	2967.9	2944.9	2935.0	2882.6	2617.0	2502.2	2466.1
17.5°	2954.7	2958.0	2974.3	2974.3	2974.3	2958.0	2954.7	2931.7	2843.2	2689.1	2485.8
20°	2938.3	2944.9	2977.6	2984.2	2977.6	2944.9	2938.3	2908.8	2859.6	2803.9	2649.7
22.5°	2931.7	2944.9	2971.1	2967.9	2971.1	2944.9	2931.7	2885.9	2843.2	2803.9	2741.6
25°	2899.0	2899.0	2902.3	2905.5	2902.3	2899.0	2899.0	2862.9	2777.6	2767.8	2731.7
27.5°	2830.1	2836.7	2856.3	2853.0	2856.3	2836.7	2830.1	2817.0	2725.1	2715.3	2689.1
30°	2767.8	2761.3	2744.8	2731.7	2744.8	2761.3	2767.8	2748.1	2656.3	2630.1	2636.6
32.5°	2662.8	2646.4	2630.1	2620.2	2630.1	2646.4	2662.8	2656.3	2587.4	2551.4	2557.9
35°	2538.2	2541.5	2538.2	2528.4	2538.2	2541.5	2538.2	2544.8	2502.2	2469.4	2466.1
37.5°	2449.7	2456.2	2452.9	2439.8	2452.9	2456.2	2449.7	2443.1	2384.1	2374.2	2380.8
40°	2357.9	2361.2	2357.9	2348.0	2357.9	2361.2	2357.9	2344.8	2262.8	2266.0	2289.0
42.5°	2269.3	2266.0	2256.2	2249.6	2256.2	2266.0	2269.3	2249.6	2144.7	2134.9	2177.5
45°	2167.7	2170.9	2151.3	2141.4	2151.3	2170.9	2167.7	2154.6	2046.3	2020.1	2049.6
47.5°	2066.0	2066.0	2049.6	2039.7	2049.6	2066.0	2066.0	2049.6	1934.8	1908.5	1925.0
50°	1957.8	1954.5	1931.5	1928.3	1931.5	1954.5	1957.8	1948.0	1826.6	1803.7	1803.7
52.5°	1833.2	1833.2	1836.4	1843.0	1836.4	1833.2	1833.2	1836.4	1728.2	1705.2	1698.8
55°	1724.9	1728.2	1751.2	1757.8	1751.2	1728.2	1724.9	1724.9	1626.6	1603.6	1590.5
57.5°	1613.5	1613.5	1629.9	1629.9	1629.9	1613.5	1613.5	1606.9	1511.8	1492.1	1485.6
60°	1485.6	1492.1	1505.2	1502.0	1505.2	1492.1	1485.6	1479.0	1397.0	1383.9	1361.0
62.5°	1351.1	1357.7	1361.0	1354.4	1361.0	1357.7	1351.1	1331.4	1282.3	1272.4	1242.8
65°	1210.1	1216.7	1220.0	1213.4	1220.0	1216.7	1210.1	1200.2	1164.2	1147.8	1121.5
67.5°	1065.8	1062.5	1059.2	1072.4	1059.2	1062.5	1065.8	1052.7	1029.8	1016.6	980.5
70°	918.2	918.2	914.9	921.5	914.9	918.2	918.2	908.3	895.3	885.5	852.6
72.5°	760.9	757.6	770.6	760.9	770.6	757.6	760.9	757.6	751.0	741.1	708.3
75°	606.7	613.3	606.7	616.5	606.7	613.3	606.7	610.0	606.7	600.1	577.1
77.5°	462.4	469.0	462.4	462.4	462.4	469.0	462.4	465.7	465.7	465.7	446.0
80°	327.9	324.6	324.6	321.4	324.6	324.6	327.9	327.9	331.2	324.6	318.1
82.5°	209.9	206.6	206.6	213.2	206.6	206.6	209.9	213.2	206.6	206.6	206.6
85°	114.7	118.0	111.5	111.5	111.5	118.0	114.7	108.2	114.7	114.7	111.5
87.5°	42.6	39.3	39.3	39.3	39.3	39.3	42.6	45.9	45.9	45.9	49.2
90°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	30.4	40.6	45.6	39.2
92.5°	114.1	109.6	91.5	73.3	91.5	109.6	114.1	161.8	225.4	257.2	225.8
95°	387.5	373.7	318.8	263.8	318.8	373.7	387.5	508.8	670.6	751.6	634.7
97.5°	894.6	868.4	763.7	659.0	763.7	868.4	894.6	971.2	1073.5	1124.6	929.9
100°	1256.2	1225.0	1100.4	975.7	1100.4	1225.0	1256.2	1250.6	1243.1	1239.4	1023.3
102.5°	1565.0	1538.3	1431.5	1324.7	1431.5	1538.3	1565.0	1467.3	1336.9	1271.8	1052.6
105°	1925.4	1911.1	1853.6	1796.2	1853.6	1911.1	1925.4	1706.3	1414.3	1268.2	1055.9
107.5°	2112.9	2116.4	2130.2	2144.1	2130.2	2116.4	2112.9	1807.3	1399.8	1196.1	1008.9
110°	2161.0	2175.9	2235.8	2295.6	2235.8	2175.9	2161.0	1819.3	1363.8	1136.1	967.3



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2130.3	2153.3	2245.1	2336.9	2245.1	2153.3	2130.3	1780.7	1314.5	1081.4	930.9
115°	2026.4	2058.3	2185.6	2312.9	2185.6	2058.3	2026.4	1689.5	1240.4	1015.9	889.2
117.5°	1882.8	1918.0	2059.3	2200.6	2059.3	1918.0	1882.8	1578.8	1173.5	970.8	863.1
120°	1786.1	1820.4	1957.7	2094.9	1957.7	1820.4	1786.1	1508.3	1138.0	952.8	854.3
122.5°	1689.4	1723.2	1858.5	1993.9	1858.5	1723.2	1689.4	1439.3	1105.7	939.0	849.6
125°	1561.3	1592.6	1717.3	1842.0	1717.3	1592.6	1561.3	1348.8	1065.6	923.9	845.8
127.5°	1458.6	1484.9	1590.1	1695.4	1590.1	1484.9	1458.6	1276.2	1033.0	911.3	843.7
130°	1393.8	1418.1	1515.2	1612.4	1515.2	1418.1	1393.8	1231.4	1014.8	906.6	845.1
132.5°	1338.5	1360.3	1447.3	1534.3	1447.3	1360.3	1338.5	1193.1	999.2	902.3	845.8
135°	1260.4	1279.2	1354.2	1429.2	1354.2	1279.2	1260.4	1138.7	976.4	895.2	845.1
137.5°	1202.7	1218.0	1279.5	1340.9	1279.5	1218.0	1202.7	1099.8	962.5	893.9	850.3
140°	1156.5	1170.8	1228.3	1285.7	1228.3	1170.8	1156.5	1067.5	949.0	889.7	851.2
142.5°	1124.0	1136.3	1185.8	1235.2	1185.8	1136.3	1124.0	1045.9	941.8	889.7	854.3
145°	1075.4	1084.7	1122.1	1159.5	1122.1	1084.7	1075.4	1011.5	926.4	883.7	854.3
147.5°	1034.5	1042.3	1073.2	1104.2	1073.2	1042.3	1034.5	984.2	917.3	883.7	860.1
150°	1011.1	1017.4	1042.5	1067.5	1042.5	1017.4	1011.1	968.6	912.0	883.7	863.2
152.5°	992.4	997.2	1016.1	1035.1	1016.1	997.2	992.4	956.2	907.9	883.7	865.1
155°	970.3	973.4	986.0	998.5	986.0	973.4	970.3	941.4	902.9	883.7	869.6
157.5°	951.0	953.2	962.0	970.8	962.0	953.2	951.0	928.6	898.7	883.7	873.9
160°	941.4	942.6	947.8	952.8	947.8	942.6	941.4	922.2	896.5	883.7	876.0
162.5°	932.4	933.5	938.4	943.2	938.4	933.5	932.4	916.2	894.6	883.7	878.1
165°	918.6	919.9	924.9	929.9	924.9	919.9	918.6	907.0	891.5	883.7	881.2
167.5°	912.6	913.1	915.2	917.4	915.2	913.1	912.6	904.9	894.8	889.7	887.6
170°	912.6	912.6	912.6	912.6	912.6	912.6	912.6	904.9	894.8	889.7	889.6
172.5°	907.8	907.3	905.4	903.6	905.4	907.3	907.8	901.8	893.7	889.7	889.7
175°	901.2	901.2	901.2	901.2	901.2	901.2	901.2	897.4	892.3	889.7	890.9
177.5°	899.9	899.4	897.3	895.2	897.3	899.4	899.9	896.9	892.9	890.9	891.9
180°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3423.7	3440.0	3449.9	3463.0	3495.8
5°	3292.5	3354.8	3374.4	3423.7	3482.7
7.5°	3003.9	3194.1	3246.5	3364.7	3456.4
10°	2725.1	2915.3	3007.2	3285.9	3423.7
12.5°	2584.1	2695.7	2758.0	3148.2	3377.7
15°	2495.6	2574.3	2620.2	2964.6	3325.3
17.5°	2426.8	2482.5	2515.2	2784.2	3253.1
20°	2384.1	2410.3	2439.8	2653.0	3171.1
22.5°	2354.6	2338.2	2361.2	2561.2	3059.6
25°	2334.9	2272.6	2298.9	2489.1	2928.5
27.5°	2351.3	2213.6	2223.4	2423.5	2790.7
30°	2354.6	2141.4	2144.7	2354.6	2636.6
32.5°	2331.6	2066.0	2069.3	2269.3	2462.8
35°	2275.9	1977.4	1974.1	2170.9	2226.7
37.5°	2200.4	1882.4	1882.4	2062.7	1967.7
40°	2108.6	1787.2	1797.1	1921.7	1738.1
42.5°	1997.1	1685.6	1698.8	1734.8	1567.6
45°	1875.8	1587.2	1597.0	1465.9	1436.3
47.5°	1741.4	1485.6	1488.9	1216.7	1393.7
50°	1580.6	1380.6	1367.5	1042.8	1390.4
52.5°	1439.6	1265.8	1226.5	944.5	1262.5
55°	1301.9	1144.5	1059.2	869.0	1170.7
57.5°	1180.5	987.1	905.1	780.5	1151.1
60°	1069.1	833.0	770.6	685.4	1055.9
62.5°	977.2	718.2	705.0	619.8	957.6
65°	878.9	639.4	636.1	564.1	813.3
67.5°	783.7	587.0	583.7	511.5	619.8
70°	682.1	531.3	524.7	455.8	459.1
72.5°	577.1	469.0	462.4	409.9	380.4
75°	472.2	396.8	393.5	357.5	308.2
77.5°	370.5	314.8	321.4	288.6	226.3
80°	265.6	229.6	236.1	206.6	170.5
82.5°	177.1	150.9	157.4	131.2	114.7
85°	98.4	85.3	88.6	68.9	52.4
87.5°	45.9	39.3	39.3	26.3	16.4
90°	26.5	16.9	15.7	10.9	6.0
92.5°	163.1	116.0	105.8	64.9	24.0
95°	401.1	225.9	207.2	132.5	57.7
97.5°	540.3	248.2	231.7	165.7	99.7
100°	591.0	266.8	251.8	192.0	132.2
102.5°	614.2	285.4	271.4	215.6	159.8
105°	631.4	313.0	301.2	254.0	206.7
107.5°	634.6	353.9	342.8	298.8	254.8
110°	629.8	376.7	366.7	326.9	287.2



TEST NUMBER: P934994

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	629.9	404.3	394.8	356.9	319.0
115°	635.8	445.7	437.0	402.0	367.1
117.5°	647.7	486.1	478.1	446.3	414.5
120°	657.2	509.4	501.9	472.0	442.2
122.5°	671.0	537.1	529.6	499.4	469.2
125°	689.6	572.5	565.6	538.2	510.7
127.5°	708.3	606.8	599.8	572.1	544.3
130°	721.9	629.6	622.1	592.2	562.3
132.5°	733.0	648.3	640.8	610.9	580.9
135°	745.0	669.9	663.1	635.8	608.5
137.5°	763.0	697.5	690.7	663.8	636.8
140°	773.9	716.1	709.9	685.1	660.3
142.5°	783.2	729.9	724.2	701.3	678.3
145°	795.3	751.0	745.9	726.0	705.9
147.5°	812.9	777.4	772.6	753.0	733.5
150°	822.0	791.2	786.8	769.2	751.6
152.5°	828.0	800.2	796.9	783.5	770.2
155°	841.3	820.1	817.5	807.7	797.8
157.5°	854.5	839.8	837.4	827.8	818.2
160°	860.5	848.8	847.0	839.5	832.1
162.5°	867.0	858.5	857.1	851.5	845.8
165°	876.1	872.3	871.0	865.9	860.9
167.5°	883.3	880.1	879.6	877.1	874.7
170°	889.3	889.2	888.6	886.2	883.7
172.5°	889.7	889.7	889.6	889.1	888.6
175°	893.3	895.2	895.2	895.2	895.2
177.5°	893.7	895.2	895.2	895.2	895.2
180°	895.2	895.2	895.2	895.2	895.2



TEST NUMBER: P934994
 CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-8-3500K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.40	16.36	16.26	17.24	18.35	18.23	19.20	19.09	20.08	21.19
	3H	15.88	16.75	16.75	17.64	18.77	19.59	20.46	20.46	21.35	22.48
	4H	16.08	16.90	16.97	17.79	18.94	20.04	20.86	20.93	21.76	22.90
	6H	16.20	16.96	17.10	17.86	19.02	20.33	21.09	21.23	21.99	23.15
	8H	16.21	16.93	17.11	17.85	19.00	20.41	21.13	21.32	22.05	23.21
	12H	16.18	16.87	17.09	17.78	18.96	20.46	21.14	21.37	22.06	23.24
4H	2H	16.44	17.26	17.34	18.16	19.30	18.66	19.48	19.55	20.37	21.52
	3H	17.48	18.16	18.38	19.09	20.25	20.17	20.86	21.08	21.79	22.95
	4H	17.76	18.38	18.68	19.31	20.49	20.71	21.33	21.62	22.25	23.44
	6H	17.89	18.43	18.82	19.38	20.56	21.08	21.62	22.01	22.57	23.75
	8H	17.90	18.40	18.83	19.34	20.54	21.19	21.69	22.12	22.64	23.84
	12H	17.87	18.33	18.82	19.28	20.49	21.26	21.71	22.21	22.67	23.87
8H	4H	18.23	18.73	19.16	19.67	20.87	20.84	21.34	21.77	22.28	23.49
	6H	18.49	18.91	19.45	19.89	21.09	21.28	21.70	22.24	22.68	23.88
	8H	18.53	18.90	19.50	19.88	21.09	21.44	21.81	22.41	22.78	24.00
	12H	18.52	18.85	19.49	19.81	21.08	21.54	21.87	22.51	22.83	24.10
12H	4H	18.24	18.69	19.19	19.65	20.85	20.81	21.26	21.76	22.22	23.43
	6H	18.55	18.92	19.52	19.89	21.11	21.28	21.65	22.25	22.62	23.84
	8H	18.62	18.95	19.60	19.91	21.18	21.45	21.77	22.42	22.74	24.01