

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: P935390

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935390
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

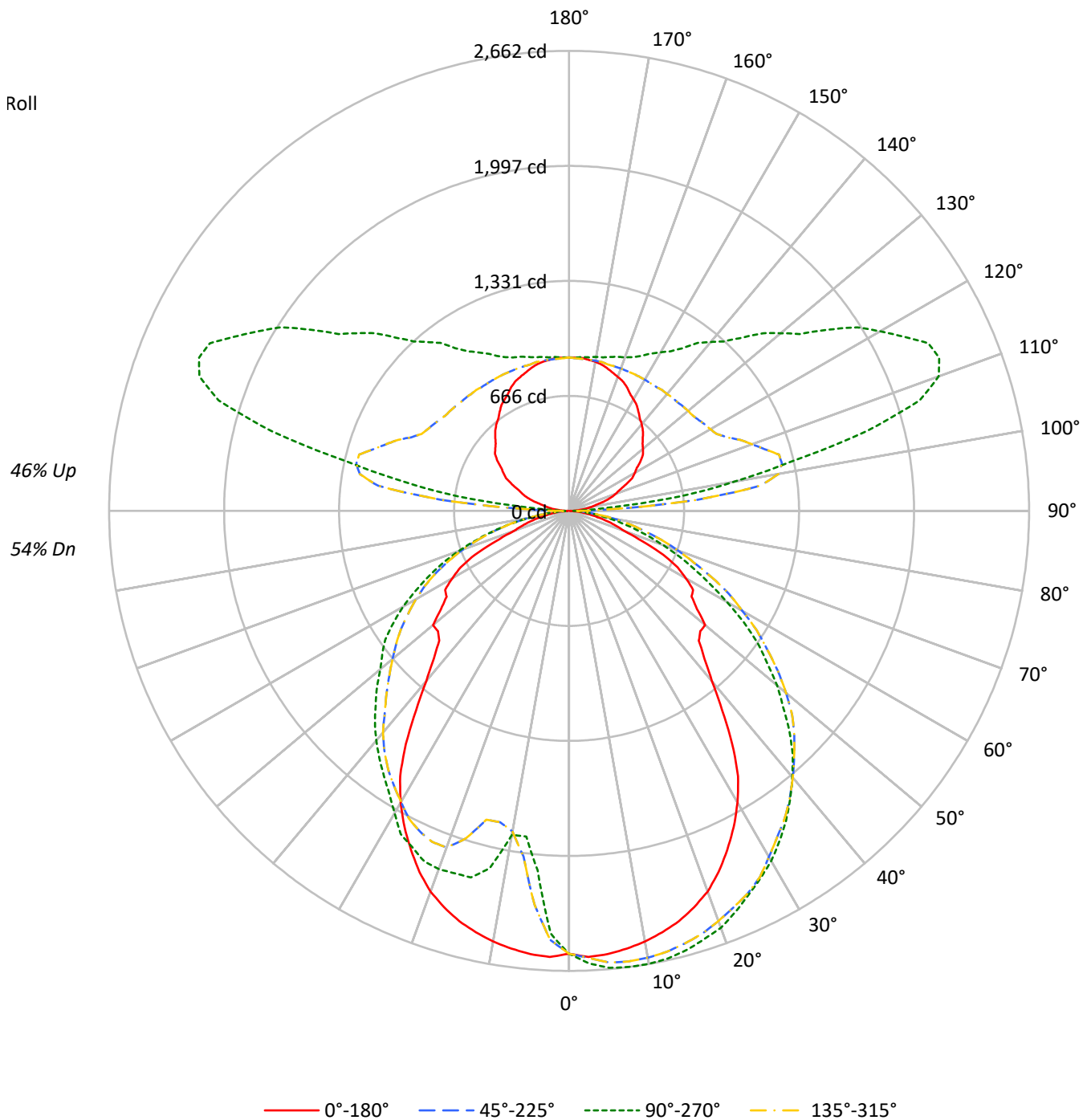
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12401.6 lumens
Efficiency: N/A
Efficacy: 120.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.2
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: P935390
CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54			
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45			
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38			
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32			
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28			
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24			
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21			
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19			
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17			
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15			
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15850	15850	15850	15850
5°	15962	15999	15962	12580
10°	15850	15760	15850	11267
15°	15671	15419	15671	12874
20°	15338	15014	15338	12902
25°	14660	14424	14660	12628
30°	13788	13934	13788	12029
35°	12286	13315	12286	11368
40°	10231	12585	10231	10870
45°	9136	11732	9136	10297
50°	9699	10714	9699	9721
55°	9115	9616	9115	9389
60°	9386	8167	9386	8600
65°	8497	6751	8497	7547
70°	5868	5380	5868	6326
75°	5128	3978	5128	4763
80°	4104	2629	4104	2863
85°	2313	1392	2313	1184

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14011 cd/sqm



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.3	1.9
10°-20°	656.6	5.3
20°-30°	1015.1	8.2
30°-40°	1211.8	9.8
40°-50°	1218.9	9.8
50°-60°	1060.5	8.6
60°-70°	751.9	6.1
70°-80°	397.8	3.2
80°-90°	102.5	0.8
90°-100°	432.8	3.5
100°-110°	1137.7	9.2
110°-120°	1179.7	9.5
120°-130°	946.3	7.6
130°-140°	742.5	6.0
140°-150°	569.9	4.6
150°-160°	410.4	3.3
160°-170°	251.1	2.0
170°-180°	84.8	0.7
0°-30°	1903.0	15.3
0°-40°	3114.7	25.1
0°-60°	5394.1	43.5
0°-90°	6646.4	53.6
90°-120°	2750.2	22.2
90°-150°	5008.9	40.4
90°-180°	5755.0	46.4
0°-180°	12401.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2562	2562	2562	2562	2562	
5°	2574	2654	2574	2087	2574	244
15°	2458	2630	2458	2196	2458	692
25°	2164	2453	2164	2148	2164	994
35°	1646	2189	1646	1869	1646	1018
45°	1062	1803	1062	1583	1062	850
55°	865	1331	865	1299	865	795
65°	601	802	601	897	601	575
75°	228	381	228	456	228	240
85°	39	97	39	82	39	52
90°	6	23	6	23	6	7
95°	57	262	57	262	57	64
105°	205	1782	205	1782	205	217
115°	364	2294	364	2294	364	360
125°	506	1827	506	1827	506	450
135°	604	1418	604	1418	604	467
145°	700	1150	700	1150	700	439
155°	791	990	791	990	791	364
165°	854	922	854	922	854	241
175°	888	894	888	894	888	84
180°	888	888	888	888	888	



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2583.8	2583.8	2598.5	2603.2	2603.2	2596.0	2588.7	2596.0	2617.8	2625.1	2622.6
5°	2574.2	2593.6	2620.2	2625.1	2630.0	2627.5	2622.6	2627.5	2651.7	2656.6	2659.0
7.5°	2554.8	2591.1	2625.1	2632.4	2639.6	2632.4	2630.0	2634.7	2659.0	2663.9	2663.9
10°	2530.6	2581.5	2620.2	2625.1	2632.4	2625.1	2625.1	2634.7	2659.0	2663.9	2666.3
12.5°	2496.7	2566.9	2603.2	2608.1	2617.8	2615.4	2613.0	2622.6	2646.9	2651.7	2651.7
15°	2457.9	2540.2	2574.2	2579.1	2596.0	2591.1	2591.1	2600.8	2627.5	2634.7	2632.4
17.5°	2404.5	2506.3	2545.1	2552.3	2564.5	2562.1	2564.5	2574.2	2598.5	2603.2	2605.7
20°	2344.0	2460.3	2506.3	2513.6	2525.7	2525.7	2525.7	2537.8	2562.1	2571.7	2571.7
22.5°	2261.5	2411.8	2460.3	2465.1	2479.7	2479.7	2484.5	2501.4	2523.3	2525.7	2525.7
25°	2164.5	2358.5	2399.6	2414.2	2428.8	2436.0	2443.3	2453.0	2460.3	2457.9	2460.3
27.5°	2062.7	2290.6	2344.0	2353.6	2373.0	2380.2	2390.0	2392.4	2394.9	2402.1	2397.2
30°	1948.8	2196.0	2276.1	2285.7	2317.2	2322.1	2312.4	2317.2	2329.3	2334.2	2339.1
32.5°	1820.3	2055.4	2205.8	2227.5	2256.7	2242.1	2239.7	2246.9	2266.3	2266.3	2271.2
35°	1645.8	1946.4	2140.3	2159.7	2181.5	2164.5	2174.2	2176.6	2188.8	2196.0	2193.6
37.5°	1454.4	1851.8	2072.4	2087.0	2104.0	2082.1	2096.7	2104.0	2113.6	2108.8	2108.8
40°	1284.7	1704.0	1992.4	2002.2	2016.7	1999.7	2014.3	2019.2	2023.9	2019.2	2016.7
42.5°	1158.6	1541.6	1907.6	1919.7	1910.0	1922.1	1927.0	1936.7	1929.4	1919.7	1919.7
45°	1061.7	1498.0	1815.5	1830.1	1815.5	1834.9	1842.2	1842.2	1820.3	1815.5	1813.1
47.5°	1030.2	1410.7	1723.4	1723.4	1716.1	1740.4	1752.5	1735.5	1713.7	1706.4	1706.4
50°	1027.8	1313.8	1597.3	1587.7	1621.6	1650.7	1638.6	1621.6	1604.6	1577.9	1577.9
52.5°	933.2	1195.0	1435.0	1471.3	1524.7	1541.6	1522.2	1505.3	1476.1	1464.0	1454.4
55°	865.3	1071.3	1287.1	1359.8	1415.6	1437.4	1401.0	1384.1	1340.4	1333.2	1328.3
57.5°	850.8	892.0	1151.3	1243.5	1311.3	1308.9	1287.1	1255.5	1219.2	1212.0	1209.5
60°	780.5	644.7	1005.9	1115.0	1185.3	1178.0	1158.6	1129.6	1095.6	1090.8	1085.9
62.5°	707.8	467.9	841.1	964.7	1064.1	1061.7	1044.7	1001.0	976.9	964.7	955.0
65°	601.2	392.7	598.7	802.3	945.4	950.1	913.8	882.3	855.7	841.1	838.7
67.5°	458.1	319.9	404.8	669.0	831.4	826.6	780.5	765.9	732.0	724.7	710.2
70°	339.3	213.3	281.2	542.9	719.9	707.8	671.5	654.5	622.9	605.9	596.3
72.5°	281.2	172.1	206.0	421.7	605.9	591.4	559.9	540.5	513.9	499.4	489.6
75°	227.9	181.8	157.6	312.7	492.0	482.4	453.2	433.9	412.1	392.7	395.1
77.5°	167.2	169.7	126.1	230.3	390.2	375.7	358.7	334.5	324.8	305.4	305.4
80°	126.1	133.3	94.5	157.6	281.2	281.2	266.6	249.6	232.7	223.0	223.0
82.5°	84.8	84.8	70.3	99.4	191.5	184.2	174.5	169.7	160.0	155.1	155.1
85°	38.8	48.5	43.6	60.6	104.2	109.1	109.1	104.2	101.8	96.9	99.4
87.5°	12.1	21.8	26.6	33.9	53.3	55.8	58.2	58.2	58.2	60.6	60.6
90°	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.2	30.2	22.6	22.6
92.5°	23.9	64.4	104.9	115.0	161.7	223.9	255.0	223.5	160.4	113.2	108.7
95°	57.2	131.3	205.5	224.0	397.9	629.5	745.4	665.2	504.6	384.3	370.6
97.5°	98.9	164.4	229.8	246.1	535.9	922.2	1115.4	1064.7	963.3	887.2	861.2
100°	131.1	190.4	249.7	264.5	586.1	1014.8	1229.2	1232.9	1240.4	1245.9	1215.0
102.5°	158.5	213.9	269.2	283.1	609.2	1044.0	1261.4	1326.0	1455.2	1552.2	1525.7
105°	204.9	251.8	298.7	310.5	626.3	1047.3	1257.8	1402.7	1692.4	1909.6	1895.4
107.5°	252.6	296.3	340.1	351.0	629.4	1000.6	1186.3	1388.4	1792.4	2095.6	2099.0
110°	284.8	324.2	363.8	373.6	624.7	959.4	1126.7	1352.6	1804.4	2143.2	2158.0



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	316.4	354.0	391.6	401.0	624.9	923.3	1072.5	1303.7	1766.1	2112.8	2135.6
115°	364.0	398.7	433.4	442.1	630.6	881.8	1007.5	1230.2	1675.7	2009.8	2041.4
117.5°	411.1	442.6	474.2	482.0	642.2	856.0	962.8	1163.9	1565.8	1867.3	1902.4
120°	438.5	468.2	497.8	505.3	651.9	847.3	945.0	1128.6	1495.9	1771.4	1805.4
122.5°	465.4	495.3	525.2	532.7	665.5	842.7	931.3	1096.7	1427.4	1675.5	1709.1
125°	506.4	533.7	561.1	567.8	684.1	839.0	916.4	1056.9	1337.9	1548.6	1579.6
127.5°	539.9	567.4	595.0	601.8	702.5	836.8	903.9	1024.5	1265.8	1446.7	1472.8
130°	557.7	587.4	617.0	624.5	716.1	838.1	899.1	1006.5	1221.3	1382.4	1406.4
132.5°	576.2	605.9	635.5	642.9	726.9	839.0	894.9	991.1	1183.3	1327.5	1349.1
135°	603.6	630.6	657.6	664.4	738.9	838.1	887.8	968.3	1129.3	1250.1	1268.7
137.5°	631.5	658.3	685.1	691.8	756.7	843.4	886.6	954.7	1090.8	1192.9	1208.1
140°	654.8	679.5	704.1	710.2	767.6	844.1	882.4	941.2	1058.8	1147.0	1161.2
142.5°	672.7	695.5	718.3	724.0	776.8	847.2	882.4	934.1	1037.3	1114.8	1127.0
145°	700.1	720.0	739.8	744.8	788.7	847.3	876.5	918.7	1003.2	1066.5	1075.8
147.5°	727.5	746.8	766.1	771.0	806.1	853.0	876.5	909.7	976.2	1026.1	1033.7
150°	745.4	762.9	780.3	784.7	815.3	856.1	876.5	904.6	960.6	1002.8	1009.0
152.5°	763.9	777.2	790.4	793.7	821.3	858.1	876.5	900.5	948.4	984.3	989.0
155°	791.3	801.1	810.8	813.3	834.4	862.5	876.5	895.6	933.7	962.3	965.4
157.5°	811.6	821.1	830.6	833.0	847.5	866.9	876.5	891.3	921.0	943.3	945.4
160°	825.2	832.7	840.1	841.9	853.5	868.9	876.5	889.2	914.6	933.7	934.9
162.5°	839.0	844.5	850.0	851.5	859.8	871.0	876.5	887.2	908.7	924.7	925.9
165°	853.9	858.8	863.9	865.1	869.0	874.0	876.5	884.1	899.5	911.1	912.3
167.5°	867.5	869.9	872.3	872.9	876.0	880.3	882.4	887.5	897.5	905.1	905.6
170°	876.5	878.9	881.3	881.8	882.0	882.3	882.4	887.5	897.5	905.1	905.1
172.5°	881.3	881.8	882.3	882.4	882.4	882.4	882.4	886.4	894.4	900.3	899.8
175°	887.8	887.8	887.8	887.8	886.0	883.6	882.4	884.9	890.0	893.8	893.8
177.5°	887.8	887.8	887.8	887.8	886.4	884.6	883.7	885.7	889.6	892.5	892.0
180°	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2627.5	2620.2	2627.5	2622.6	2625.1	2617.8	2596.0	2588.7	2596.0	2603.2	2603.2
5°	2659.0	2654.1	2659.0	2659.0	2656.6	2651.7	2627.5	2622.6	2627.5	2630.0	2625.1
7.5°	2668.7	2661.5	2668.7	2663.9	2663.9	2659.0	2634.7	2630.0	2632.4	2639.6	2632.4
10°	2668.7	2661.5	2668.7	2666.3	2663.9	2659.0	2634.7	2625.1	2625.1	2632.4	2625.1
12.5°	2656.6	2651.7	2656.6	2651.7	2651.7	2646.9	2622.6	2613.0	2615.4	2617.8	2608.1
15°	2637.2	2630.0	2637.2	2632.4	2634.7	2627.5	2600.8	2591.1	2591.1	2596.0	2579.1
17.5°	2608.1	2598.5	2608.1	2605.7	2603.2	2598.5	2574.2	2564.5	2562.1	2564.5	2552.3
20°	2574.2	2566.9	2574.2	2571.7	2571.7	2562.1	2537.8	2525.7	2525.7	2525.7	2513.6
22.5°	2520.8	2513.6	2520.8	2525.7	2525.7	2523.3	2501.4	2484.5	2479.7	2479.7	2465.1
25°	2460.3	2453.0	2460.3	2460.3	2457.9	2460.3	2453.0	2443.3	2436.0	2428.8	2414.2
27.5°	2402.1	2397.2	2402.1	2397.2	2402.1	2394.9	2392.4	2390.0	2380.2	2373.0	2353.6
30°	2344.0	2339.1	2344.0	2339.1	2334.2	2329.3	2317.2	2312.4	2322.1	2317.2	2285.7
32.5°	2271.2	2266.3	2271.2	2271.2	2266.3	2266.3	2246.9	2239.7	2242.1	2256.7	2227.5
35°	2196.0	2188.8	2196.0	2193.6	2196.0	2188.8	2176.6	2174.2	2164.5	2181.5	2159.7
37.5°	2108.8	2101.5	2108.8	2108.8	2108.8	2113.6	2104.0	2096.7	2082.1	2104.0	2087.0
40°	2019.2	2009.4	2019.2	2016.7	2019.2	2023.9	2019.2	2014.3	1999.7	2016.7	2002.2
42.5°	1917.4	1914.9	1917.4	1919.7	1919.7	1929.4	1936.7	1927.0	1922.1	1910.0	1919.7
45°	1808.2	1803.4	1808.2	1813.1	1815.5	1820.3	1842.2	1842.2	1834.9	1815.5	1830.1
47.5°	1691.9	1679.7	1691.9	1706.4	1706.4	1713.7	1735.5	1752.5	1740.4	1716.1	1723.4
50°	1568.3	1570.7	1568.3	1577.9	1577.9	1604.6	1621.6	1638.6	1650.7	1621.6	1587.7
52.5°	1447.1	1444.6	1447.1	1454.4	1464.0	1476.1	1505.3	1522.2	1541.6	1524.7	1471.3
55°	1325.8	1330.7	1325.8	1328.3	1333.2	1340.4	1384.1	1401.0	1437.4	1415.6	1359.8
57.5°	1204.6	1197.4	1204.6	1209.5	1212.0	1219.2	1255.5	1287.1	1308.9	1311.3	1243.5
60°	1064.1	1054.4	1064.1	1085.9	1090.8	1095.6	1129.6	1158.6	1178.0	1185.3	1115.0
62.5°	940.5	923.5	940.5	955.0	964.7	976.9	1001.0	1044.7	1061.7	1064.1	964.7
65°	809.6	802.3	809.6	838.7	841.1	855.7	882.3	913.8	950.1	945.4	802.3
67.5°	690.8	690.8	690.8	710.2	724.7	732.0	765.9	780.5	826.6	831.4	669.0
70°	581.7	579.3	581.7	596.3	605.9	622.9	654.5	671.5	707.8	719.9	542.9
72.5°	477.5	475.1	477.5	489.6	499.4	513.9	540.5	559.9	591.4	605.9	421.7
75°	385.4	380.6	385.4	395.1	392.7	412.1	433.9	453.2	482.4	492.0	312.7
77.5°	295.8	295.8	295.8	305.4	305.4	324.8	334.5	358.7	375.7	390.2	230.3
80°	220.6	218.1	220.6	223.0	223.0	232.7	249.6	266.6	281.2	281.2	157.6
82.5°	155.1	150.3	155.1	155.1	155.1	160.0	169.7	174.5	184.2	191.5	99.4
85°	96.9	96.9	96.9	99.4	96.9	101.8	104.2	109.1	109.1	104.2	60.6
87.5°	63.0	60.6	63.0	60.6	60.6	58.2	58.2	58.2	55.8	53.3	33.9
90°	22.6	22.6	22.6	22.6	22.6	30.2	40.2	45.3	39.0	26.3	16.7
92.5°	90.6	72.7	90.6	108.7	113.2	160.4	223.5	255.0	223.9	161.7	115.0
95°	316.1	261.6	316.1	370.6	384.3	504.6	665.2	745.4	629.5	397.9	224.0
97.5°	757.4	653.6	757.4	861.2	887.2	963.3	1064.7	1115.4	922.2	535.9	246.1
100°	1091.3	967.6	1091.3	1215.0	1245.9	1240.4	1232.9	1229.2	1014.8	586.1	264.5
102.5°	1419.7	1313.8	1419.7	1525.7	1552.2	1455.2	1326.0	1261.4	1044.0	609.2	283.1
105°	1838.5	1781.6	1838.5	1895.4	1909.6	1692.4	1402.7	1257.8	1047.3	626.3	310.5
107.5°	2112.8	2126.6	2112.8	2099.0	2095.6	1792.4	1388.4	1186.3	1000.6	629.4	351.0
110°	2217.4	2276.7	2217.4	2158.0	2143.2	1804.4	1352.6	1126.7	959.4	624.7	373.6



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2226.7	2317.8	2226.7	2135.6	2112.8	1766.1	1303.7	1072.5	923.3	624.9	401.0
115°	2167.7	2294.0	2167.7	2041.4	2009.8	1675.7	1230.2	1007.5	881.8	630.6	442.1
117.5°	2042.5	2182.6	2042.5	1902.4	1867.3	1565.8	1163.9	962.8	856.0	642.2	482.0
120°	1941.6	2077.7	1941.6	1805.4	1771.4	1495.9	1128.6	945.0	847.3	651.9	505.3
122.5°	1843.3	1977.6	1843.3	1709.1	1675.5	1427.4	1096.7	931.3	842.7	665.5	532.7
125°	1703.1	1826.8	1703.1	1579.6	1548.6	1337.9	1056.9	916.4	839.0	684.1	567.8
127.5°	1577.2	1681.5	1577.2	1472.8	1446.7	1265.8	1024.5	903.9	836.8	702.5	601.8
130°	1502.9	1599.2	1502.9	1406.4	1382.4	1221.3	1006.5	899.1	838.1	716.1	624.5
132.5°	1435.5	1521.8	1435.5	1349.1	1327.5	1183.3	991.1	894.9	839.0	726.9	642.9
135°	1343.1	1417.5	1343.1	1268.7	1250.1	1129.3	968.3	887.8	838.1	738.9	664.4
137.5°	1269.0	1329.9	1269.0	1208.1	1192.9	1090.8	954.7	886.6	843.4	756.7	691.8
140°	1218.2	1275.1	1218.2	1161.2	1147.0	1058.8	941.2	882.4	844.1	767.6	710.2
142.5°	1176.1	1225.1	1176.1	1127.0	1114.8	1037.3	934.1	882.4	847.2	776.8	724.0
145°	1113.0	1150.0	1113.0	1075.8	1066.5	1003.2	918.7	876.5	847.3	788.7	744.8
147.5°	1064.4	1095.2	1064.4	1033.7	1026.1	976.2	909.7	876.5	853.0	806.1	771.0
150°	1033.9	1058.8	1033.9	1009.0	1002.8	960.6	904.6	876.5	856.1	815.3	784.7
152.5°	1007.8	1026.6	1007.8	989.0	984.3	948.4	900.5	876.5	858.1	821.3	793.7
155°	977.8	990.2	977.8	965.4	962.3	933.7	895.6	876.5	862.5	834.4	813.3
157.5°	954.1	962.8	954.1	945.4	943.3	921.0	891.3	876.5	866.9	847.5	833.0
160°	940.0	945.0	940.0	934.9	933.7	914.6	889.2	876.5	868.9	853.5	841.9
162.5°	930.6	935.4	930.6	925.9	924.7	908.7	887.2	876.5	871.0	859.8	851.5
165°	917.4	922.3	917.4	912.3	911.1	899.5	884.1	876.5	874.0	869.0	865.1
167.5°	907.7	909.8	907.7	905.6	905.1	897.5	887.5	882.4	880.3	876.0	872.9
170°	905.1	905.1	905.1	905.1	905.1	897.5	887.5	882.4	882.3	882.0	881.8
172.5°	898.0	896.2	898.0	899.8	900.3	894.4	886.4	882.4	882.4	882.4	882.4
175°	893.8	893.8	893.8	893.8	893.8	890.0	884.9	882.4	883.6	886.0	887.8
177.5°	889.9	887.8	889.9	892.0	892.5	889.6	885.7	883.7	884.6	886.4	887.8
180°	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2598.5	2583.8	2583.8	2559.7	2549.9	2542.7	2530.6	2494.2	2484.5	2474.8	2489.3
5°	2620.2	2593.6	2574.2	2530.6	2494.2	2479.7	2433.6	2346.3	2288.2	2244.5	2220.3
7.5°	2625.1	2591.1	2554.8	2486.9	2399.6	2360.9	2220.3	2060.3	2016.7	1977.9	1953.6
10°	2620.2	2581.5	2530.6	2428.8	2222.8	2154.9	2014.3	1910.0	1883.4	1876.1	1883.4
12.5°	2603.2	2566.9	2496.7	2327.0	2038.5	1992.4	1910.0	1849.5	1844.6	1856.7	1922.1
15°	2574.2	2540.2	2457.9	2191.2	1936.7	1902.7	1844.6	1822.8	1849.5	1934.3	2130.6
17.5°	2545.1	2506.3	2404.5	2057.9	1859.1	1834.9	1793.7	1837.3	1987.6	2101.5	2167.0
20°	2506.3	2460.3	2344.0	1960.9	1803.4	1781.6	1762.2	1958.5	2072.4	2113.6	2150.0
22.5°	2460.3	2411.8	2261.5	1893.1	1745.2	1728.3	1740.4	2026.4	2072.4	2101.5	2133.0
25°	2399.6	2358.5	2164.5	1839.7	1699.1	1679.7	1725.8	2019.2	2045.8	2053.1	2116.1
27.5°	2344.0	2290.6	2062.7	1791.3	1643.4	1636.1	1737.9	1987.6	2007.0	2014.3	2082.1
30°	2276.1	2196.0	1948.8	1740.4	1585.2	1582.8	1740.4	1948.8	1944.0	1963.4	2031.2
32.5°	2205.8	2055.4	1820.3	1677.4	1529.5	1527.0	1723.4	1890.6	1885.8	1912.5	1963.4
35°	2140.3	1946.4	1645.8	1604.6	1459.1	1461.6	1682.2	1822.8	1825.2	1849.5	1881.0
37.5°	2072.4	1851.8	1454.4	1524.7	1391.3	1391.3	1626.5	1759.8	1754.9	1762.2	1805.8
40°	1992.4	1704.0	1284.7	1420.4	1328.3	1321.1	1558.6	1691.9	1674.9	1672.5	1733.1
42.5°	1907.6	1541.6	1158.6	1282.3	1255.5	1245.9	1476.1	1609.5	1577.9	1585.2	1662.8
45°	1815.5	1498.0	1061.7	1083.4	1180.5	1173.1	1386.5	1514.9	1493.1	1512.5	1592.5
47.5°	1723.4	1410.7	1030.2	899.2	1100.4	1098.1	1287.1	1422.9	1410.7	1430.1	1514.9
50°	1597.3	1313.8	1027.8	770.8	1010.8	1020.4	1168.3	1333.2	1333.2	1350.1	1439.8
52.5°	1435.0	1195.0	933.2	698.1	906.6	935.6	1064.1	1255.5	1260.4	1277.4	1357.3
55°	1287.1	1071.3	865.3	642.3	782.9	845.9	962.3	1175.6	1185.3	1202.2	1274.9
57.5°	1151.3	892.0	850.8	576.9	669.0	729.6	872.6	1098.1	1102.8	1117.4	1187.7
60°	1005.9	644.7	780.5	506.6	569.7	615.7	790.2	1005.9	1022.9	1032.5	1093.2
62.5°	841.1	467.9	707.8	458.1	521.1	530.8	722.4	918.6	940.5	947.7	984.1
65°	598.7	392.7	601.2	417.0	470.2	472.6	649.6	828.9	848.3	860.5	887.2
67.5°	404.8	319.9	458.1	378.1	431.5	433.9	579.3	724.7	751.4	761.1	778.0
70°	281.2	213.3	339.3	336.9	387.8	392.7	504.1	630.2	654.5	661.7	671.5
72.5°	206.0	172.1	281.2	303.0	341.8	346.7	426.6	523.5	547.8	555.0	559.9
75°	157.6	181.8	227.9	264.2	290.9	293.3	349.1	426.6	443.6	448.5	450.9
77.5°	126.1	169.7	167.2	213.3	237.5	232.7	273.9	329.7	344.2	344.2	344.2
80°	94.5	133.3	126.1	152.7	174.5	169.7	196.3	235.1	240.0	244.8	242.4
82.5°	70.3	84.8	84.8	96.9	116.3	111.5	130.9	152.7	152.7	152.7	157.6
85°	43.6	48.5	38.8	50.9	65.4	63.0	72.7	82.4	84.8	84.8	80.0
87.5°	26.6	21.8	12.1	19.4	29.1	29.1	33.9	36.4	33.9	33.9	33.9
90°	15.5	10.7	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.2	30.2
92.5°	104.9	64.4	23.9	64.4	104.9	115.0	161.7	223.9	255.0	223.5	160.4
95°	205.5	131.3	57.2	131.3	205.5	224.0	397.9	629.5	745.4	665.2	504.6
97.5°	229.8	164.4	98.9	164.4	229.8	246.1	535.9	922.2	1115.4	1064.7	963.3
100°	249.7	190.4	131.1	190.4	249.7	264.5	586.1	1014.8	1229.2	1232.9	1240.4
102.5°	269.2	213.9	158.5	213.9	269.2	283.1	609.2	1044.0	1261.4	1326.0	1455.2
105°	298.7	251.8	204.9	251.8	298.7	310.5	626.3	1047.3	1257.8	1402.7	1692.4
107.5°	340.1	296.3	252.6	296.3	340.1	351.0	629.4	1000.6	1186.3	1388.4	1792.4
110°	363.8	324.2	284.8	324.2	363.8	373.6	624.7	959.4	1126.7	1352.6	1804.4



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	391.6	354.0	316.4	354.0	391.6	401.0	624.9	923.3	1072.5	1303.7	1766.1
115°	433.4	398.7	364.0	398.7	433.4	442.1	630.6	881.8	1007.5	1230.2	1675.7
117.5°	474.2	442.6	411.1	442.6	474.2	482.0	642.2	856.0	962.8	1163.9	1565.8
120°	497.8	468.2	438.5	468.2	497.8	505.3	651.9	847.3	945.0	1128.6	1495.9
122.5°	525.2	495.3	465.4	495.3	525.2	532.7	665.5	842.7	931.3	1096.7	1427.4
125°	561.1	533.7	506.4	533.7	561.1	567.8	684.1	839.0	916.4	1056.9	1337.9
127.5°	595.0	567.4	539.9	567.4	595.0	601.8	702.5	836.8	903.9	1024.5	1265.8
130°	617.0	587.4	557.7	587.4	617.0	624.5	716.1	838.1	899.1	1006.5	1221.3
132.5°	635.5	605.9	576.2	605.9	635.5	642.9	726.9	839.0	894.9	991.1	1183.3
135°	657.6	630.6	603.6	630.6	657.6	664.4	738.9	838.1	887.8	968.3	1129.3
137.5°	685.1	658.3	631.5	658.3	685.1	691.8	756.7	843.4	886.6	954.7	1090.8
140°	704.1	679.5	654.8	679.5	704.1	710.2	767.6	844.1	882.4	941.2	1058.8
142.5°	718.3	695.5	672.7	695.5	718.3	724.0	776.8	847.2	882.4	934.1	1037.3
145°	739.8	720.0	700.1	720.0	739.8	744.8	788.7	847.3	876.5	918.7	1003.2
147.5°	766.1	746.8	727.5	746.8	766.1	771.0	806.1	853.0	876.5	909.7	976.2
150°	780.3	762.9	745.4	762.9	780.3	784.7	815.3	856.1	876.5	904.6	960.6
152.5°	790.4	777.2	763.9	777.2	790.4	793.7	821.3	858.1	876.5	900.5	948.4
155°	810.8	801.1	791.3	801.1	810.8	813.3	834.4	862.5	876.5	895.6	933.7
157.5°	830.6	821.1	811.6	821.1	830.6	833.0	847.5	866.9	876.5	891.3	921.0
160°	840.1	832.7	825.2	832.7	840.1	841.9	853.5	868.9	876.5	889.2	914.6
162.5°	850.0	844.5	839.0	844.5	850.0	851.5	859.8	871.0	876.5	887.2	908.7
165°	863.9	858.8	853.9	858.8	863.9	865.1	869.0	874.0	876.5	884.1	899.5
167.5°	872.3	869.9	867.5	869.9	872.3	872.9	876.0	880.3	882.4	887.5	897.5
170°	881.3	878.9	876.5	878.9	881.3	881.8	882.0	882.3	882.4	887.5	897.5
172.5°	882.3	881.8	881.3	881.8	882.3	882.4	882.4	882.4	882.4	886.4	894.4
175°	887.8	887.8	887.8	887.8	887.8	887.8	886.0	883.6	882.4	884.9	890.0
177.5°	887.8	887.8	887.8	887.8	887.8	887.8	886.4	884.6	883.7	885.7	889.6
180°	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2472.4	2465.1	2474.8	2448.1	2474.8	2465.1	2472.4	2489.3	2474.8	2484.5	2494.2
5°	2169.4	2157.2	2118.5	2087.0	2118.5	2157.2	2169.4	2220.3	2244.5	2288.2	2346.3
7.5°	1939.1	1929.4	1919.7	1900.4	1919.7	1929.4	1939.1	1953.6	1977.9	2016.7	2060.3
10°	1888.2	1890.6	1905.2	1902.7	1905.2	1890.6	1888.2	1883.4	1876.1	1883.4	1910.0
12.5°	2019.2	2040.9	2121.0	2116.1	2121.0	2040.9	2019.2	1922.1	1856.7	1844.6	1849.5
15°	2169.4	2176.6	2193.6	2196.0	2193.6	2176.6	2169.4	2130.6	1934.3	1849.5	1822.8
17.5°	2183.9	2186.4	2198.5	2198.5	2198.5	2186.4	2183.9	2167.0	2101.5	1987.6	1837.3
20°	2171.9	2176.6	2200.9	2205.8	2200.9	2176.6	2171.9	2150.0	2113.6	2072.4	1958.5
22.5°	2167.0	2176.6	2196.0	2193.6	2196.0	2176.6	2167.0	2133.0	2101.5	2072.4	2026.4
25°	2142.7	2142.7	2145.1	2147.6	2145.1	2142.7	2142.7	2116.1	2053.1	2045.8	2019.2
27.5°	2091.8	2096.7	2111.2	2108.8	2111.2	2096.7	2091.8	2082.1	2014.3	2007.0	1987.6
30°	2045.8	2040.9	2028.8	2019.2	2028.8	2040.9	2045.8	2031.2	1963.4	1944.0	1948.8
32.5°	1968.3	1956.1	1944.0	1936.7	1944.0	1956.1	1968.3	1963.4	1912.5	1885.8	1890.6
35°	1876.1	1878.5	1876.1	1868.8	1876.1	1878.5	1876.1	1881.0	1849.5	1825.2	1822.8
37.5°	1810.7	1815.5	1813.1	1803.4	1813.1	1815.5	1810.7	1805.8	1762.2	1754.9	1759.8
40°	1742.8	1745.2	1742.8	1735.5	1742.8	1745.2	1742.8	1733.1	1672.5	1674.9	1691.9
42.5°	1677.4	1674.9	1667.6	1662.8	1667.6	1674.9	1677.4	1662.8	1585.2	1577.9	1609.5
45°	1602.2	1604.6	1590.1	1582.8	1590.1	1604.6	1602.2	1592.5	1512.5	1493.1	1514.9
47.5°	1527.0	1527.0	1514.9	1507.7	1514.9	1527.0	1527.0	1514.9	1430.1	1410.7	1422.9
50°	1447.1	1444.6	1427.7	1425.2	1427.7	1444.6	1447.1	1439.8	1350.1	1333.2	1333.2
52.5°	1355.0	1355.0	1357.3	1362.2	1357.3	1355.0	1355.0	1357.3	1277.4	1260.4	1255.5
55°	1274.9	1277.4	1294.4	1299.2	1294.4	1277.4	1274.9	1274.9	1202.2	1185.3	1175.6
57.5°	1192.6	1192.6	1204.6	1204.6	1204.6	1192.6	1192.6	1187.7	1117.4	1102.8	1098.1
60°	1098.1	1102.8	1112.6	1110.2	1112.6	1102.8	1098.1	1093.2	1032.5	1022.9	1005.9
62.5°	998.6	1003.5	1005.9	1001.0	1005.9	1003.5	998.6	984.1	947.7	940.5	918.6
65°	894.5	899.2	901.7	896.8	901.7	899.2	894.5	887.2	860.5	848.3	828.9
67.5°	787.8	785.3	782.9	792.6	782.9	785.3	787.8	778.0	761.1	751.4	724.7
70°	678.7	678.7	676.2	681.1	676.2	678.7	678.7	671.5	661.7	654.5	630.2
72.5°	562.3	559.9	569.7	562.3	569.7	559.9	562.3	559.9	555.0	547.8	523.5
75°	448.5	453.2	448.5	455.7	448.5	453.2	448.5	450.9	448.5	443.6	426.6
77.5°	341.8	346.7	341.8	341.8	341.8	346.7	341.8	344.2	344.2	344.2	329.7
80°	242.4	240.0	240.0	237.5	240.0	240.0	242.4	242.4	244.8	240.0	235.1
82.5°	155.1	152.7	152.7	157.6	152.7	152.7	155.1	157.6	152.7	152.7	152.7
85°	84.8	87.3	82.4	82.4	82.4	87.3	84.8	80.0	84.8	84.8	82.4
87.5°	31.5	29.1	29.1	29.1	29.1	29.1	31.5	33.9	33.9	33.9	36.4
90°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	30.2	40.2	45.3	39.0
92.5°	113.2	108.7	90.6	72.7	90.6	108.7	113.2	160.4	223.5	255.0	223.9
95°	384.3	370.6	316.1	261.6	316.1	370.6	384.3	504.6	665.2	745.4	629.5
97.5°	887.2	861.2	757.4	653.6	757.4	861.2	887.2	963.3	1064.7	1115.4	922.2
100°	1245.9	1215.0	1091.3	967.6	1091.3	1215.0	1245.9	1240.4	1232.9	1229.2	1014.8
102.5°	1552.2	1525.7	1419.7	1313.8	1419.7	1525.7	1552.2	1455.2	1326.0	1261.4	1044.0
105°	1909.6	1895.4	1838.5	1781.6	1838.5	1895.4	1909.6	1692.4	1402.7	1257.8	1047.3
107.5°	2095.6	2099.0	2112.8	2126.6	2112.8	2099.0	2095.6	1792.4	1388.4	1186.3	1000.6
110°	2143.2	2158.0	2217.4	2276.7	2217.4	2158.0	2143.2	1804.4	1352.6	1126.7	959.4



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2112.8	2135.6	2226.7	2317.8	2226.7	2135.6	2112.8	1766.1	1303.7	1072.5	923.3
115°	2009.8	2041.4	2167.7	2294.0	2167.7	2041.4	2009.8	1675.7	1230.2	1007.5	881.8
117.5°	1867.3	1902.4	2042.5	2182.6	2042.5	1902.4	1867.3	1565.8	1163.9	962.8	856.0
120°	1771.4	1805.4	1941.6	2077.7	1941.6	1805.4	1771.4	1495.9	1128.6	945.0	847.3
122.5°	1675.5	1709.1	1843.3	1977.6	1843.3	1709.1	1675.5	1427.4	1096.7	931.3	842.7
125°	1548.6	1579.6	1703.1	1826.8	1703.1	1579.6	1548.6	1337.9	1056.9	916.4	839.0
127.5°	1446.7	1472.8	1577.2	1681.5	1577.2	1472.8	1446.7	1265.8	1024.5	903.9	836.8
130°	1382.4	1406.4	1502.9	1599.2	1502.9	1406.4	1382.4	1221.3	1006.5	899.1	838.1
132.5°	1327.5	1349.1	1435.5	1521.8	1435.5	1349.1	1327.5	1183.3	991.1	894.9	839.0
135°	1250.1	1268.7	1343.1	1417.5	1343.1	1268.7	1250.1	1129.3	968.3	887.8	838.1
137.5°	1192.9	1208.1	1269.0	1329.9	1269.0	1208.1	1192.9	1090.8	954.7	886.6	843.4
140°	1147.0	1161.2	1218.2	1275.1	1218.2	1161.2	1147.0	1058.8	941.2	882.4	844.1
142.5°	1114.8	1127.0	1176.1	1225.1	1176.1	1127.0	1114.8	1037.3	934.1	882.4	847.2
145°	1066.5	1075.8	1113.0	1150.0	1113.0	1075.8	1066.5	1003.2	918.7	876.5	847.3
147.5°	1026.1	1033.7	1064.4	1095.2	1064.4	1033.7	1026.1	976.2	909.7	876.5	853.0
150°	1002.8	1009.0	1033.9	1058.8	1033.9	1009.0	1002.8	960.6	904.6	876.5	856.1
152.5°	984.3	989.0	1007.8	1026.6	1007.8	989.0	984.3	948.4	900.5	876.5	858.1
155°	962.3	965.4	977.8	990.2	977.8	965.4	962.3	933.7	895.6	876.5	862.5
157.5°	943.3	945.4	954.1	962.8	954.1	945.4	943.3	921.0	891.3	876.5	866.9
160°	933.7	934.9	940.0	945.0	940.0	934.9	933.7	914.6	889.2	876.5	868.9
162.5°	924.7	925.9	930.6	935.4	930.6	925.9	924.7	908.7	887.2	876.5	871.0
165°	911.1	912.3	917.4	922.3	917.4	912.3	911.1	899.5	884.1	876.5	874.0
167.5°	905.1	905.6	907.7	909.8	907.7	905.6	905.1	897.5	887.5	882.4	880.3
170°	905.1	905.1	905.1	905.1	905.1	905.1	905.1	897.5	887.5	882.4	882.3
172.5°	900.3	899.8	898.0	896.2	898.0	899.8	900.3	894.4	886.4	882.4	882.4
175°	893.8	893.8	893.8	893.8	893.8	893.8	893.8	890.0	884.9	882.4	883.6
177.5°	892.5	892.0	889.9	887.8	889.9	892.0	892.5	889.6	885.7	883.7	884.6
180°	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8	887.8



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2562.1	2562.1	2562.1	2562.1	2562.1
2.5°	2530.6	2542.7	2549.9	2559.7	2583.8
5°	2433.6	2479.7	2494.2	2530.6	2574.2
7.5°	2220.3	2360.9	2399.6	2486.9	2554.8
10°	2014.3	2154.9	2222.8	2428.8	2530.6
12.5°	1910.0	1992.4	2038.5	2327.0	2496.7
15°	1844.6	1902.7	1936.7	2191.2	2457.9
17.5°	1793.7	1834.9	1859.1	2057.9	2404.5
20°	1762.2	1781.6	1803.4	1960.9	2344.0
22.5°	1740.4	1728.3	1745.2	1893.1	2261.5
25°	1725.8	1679.7	1699.1	1839.7	2164.5
27.5°	1737.9	1636.1	1643.4	1791.3	2062.7
30°	1740.4	1582.8	1585.2	1740.4	1948.8
32.5°	1723.4	1527.0	1529.5	1677.4	1820.3
35°	1682.2	1461.6	1459.1	1604.6	1645.8
37.5°	1626.5	1391.3	1391.3	1524.7	1454.4
40°	1558.6	1321.1	1328.3	1420.4	1284.7
42.5°	1476.1	1245.9	1255.5	1282.3	1158.6
45°	1386.5	1173.1	1180.5	1083.4	1061.7
47.5°	1287.1	1098.1	1100.4	899.2	1030.2
50°	1168.3	1020.4	1010.8	770.8	1027.8
52.5°	1064.1	935.6	906.6	698.1	933.2
55°	962.3	845.9	782.9	642.3	865.3
57.5°	872.6	729.6	669.0	576.9	850.8
60°	790.2	615.7	569.7	506.6	780.5
62.5°	722.4	530.8	521.1	458.1	707.8
65°	649.6	472.6	470.2	417.0	601.2
67.5°	579.3	433.9	431.5	378.1	458.1
70°	504.1	392.7	387.8	336.9	339.3
72.5°	426.6	346.7	341.8	303.0	281.2
75°	349.1	293.3	290.9	264.2	227.9
77.5°	273.9	232.7	237.5	213.3	167.2
80°	196.3	169.7	174.5	152.7	126.1
82.5°	130.9	111.5	116.3	96.9	84.8
85°	72.7	63.0	65.4	50.9	38.8
87.5°	33.9	29.1	29.1	19.4	12.1
90°	26.3	16.7	15.5	10.7	5.9
92.5°	161.7	115.0	104.9	64.4	23.9
95°	397.9	224.0	205.5	131.3	57.2
97.5°	535.9	246.1	229.8	164.4	98.9
100°	586.1	264.5	249.7	190.4	131.1
102.5°	609.2	283.1	269.2	213.9	158.5
105°	626.3	310.5	298.7	251.8	204.9
107.5°	629.4	351.0	340.1	296.3	252.6
110°	624.7	373.6	363.8	324.2	284.8



TEST NUMBER: P935390

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	624.9	401.0	391.6	354.0	316.4
115°	630.6	442.1	433.4	398.7	364.0
117.5°	642.2	482.0	474.2	442.6	411.1
120°	651.9	505.3	497.8	468.2	438.5
122.5°	665.5	532.7	525.2	495.3	465.4
125°	684.1	567.8	561.1	533.7	506.4
127.5°	702.5	601.8	595.0	567.4	539.9
130°	716.1	624.5	617.0	587.4	557.7
132.5°	726.9	642.9	635.5	605.9	576.2
135°	738.9	664.4	657.6	630.6	603.6
137.5°	756.7	691.8	685.1	658.3	631.5
140°	767.6	710.2	704.1	679.5	654.8
142.5°	776.8	724.0	718.3	695.5	672.7
145°	788.7	744.8	739.8	720.0	700.1
147.5°	806.1	771.0	766.1	746.8	727.5
150°	815.3	784.7	780.3	762.9	745.4
152.5°	821.3	793.7	790.4	777.2	763.9
155°	834.4	813.3	810.8	801.1	791.3
157.5°	847.5	833.0	830.6	821.1	811.6
160°	853.5	841.9	840.1	832.7	825.2
162.5°	859.8	851.5	850.0	844.5	839.0
165°	869.0	865.1	863.9	858.8	853.9
167.5°	876.0	872.9	872.3	869.9	867.5
170°	882.0	881.8	881.3	878.9	876.5
172.5°	882.4	882.4	882.3	881.8	881.3
175°	886.0	887.8	887.8	887.8	887.8
177.5°	886.4	887.8	887.8	887.8	887.8
180°	887.8	887.8	887.8	887.8	887.8



TEST NUMBER: P935390
 CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-4000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.73	15.62	15.65	16.57	17.79	17.55	18.45	18.48	19.39	20.61
	3H	15.21	16.01	16.15	16.96	18.21	18.90	19.70	19.84	20.65	21.90
	4H	15.40	16.16	16.35	17.12	18.37	19.34	20.10	20.30	21.06	22.31
	6H	15.52	16.22	16.49	17.18	18.45	19.63	20.33	20.59	21.29	22.56
	8H	15.52	16.19	16.49	17.17	18.43	19.70	20.37	20.67	21.35	22.61
	12H	15.50	16.13	16.47	17.10	18.39	19.74	20.38	20.72	21.35	22.64
4H	2H	15.76	16.52	16.72	17.48	18.73	17.97	18.72	18.92	19.68	20.93
	3H	16.79	17.43	17.76	18.41	19.68	19.47	20.11	20.44	21.09	22.36
	4H	17.07	17.65	18.05	18.63	19.92	20.00	20.58	20.98	21.56	22.85
	6H	17.20	17.70	18.19	18.70	19.99	20.37	20.86	21.36	21.87	23.16
	8H	17.21	17.67	18.20	18.67	19.97	20.47	20.94	21.47	21.94	23.24
	12H	17.17	17.59	18.18	18.61	19.92	20.53	20.95	21.54	21.97	23.27
8H	4H	17.53	17.99	18.52	18.99	20.29	20.13	20.59	21.12	21.59	22.89
	6H	17.79	18.17	18.81	19.21	20.51	20.57	20.95	21.58	21.99	23.29
	8H	17.83	18.17	18.86	19.20	20.52	20.72	21.06	21.74	22.08	23.40
	12H	17.82	18.12	18.85	19.14	20.50	20.82	21.11	21.84	22.13	23.50
12H	4H	17.53	17.95	18.54	18.97	20.28	20.10	20.51	21.11	21.53	22.84
	6H	17.85	18.19	18.88	19.22	20.54	20.56	20.90	21.59	21.93	23.25
	8H	17.92	18.22	18.95	19.24	20.60	20.73	21.02	21.75	22.04	23.41