

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: P935338

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

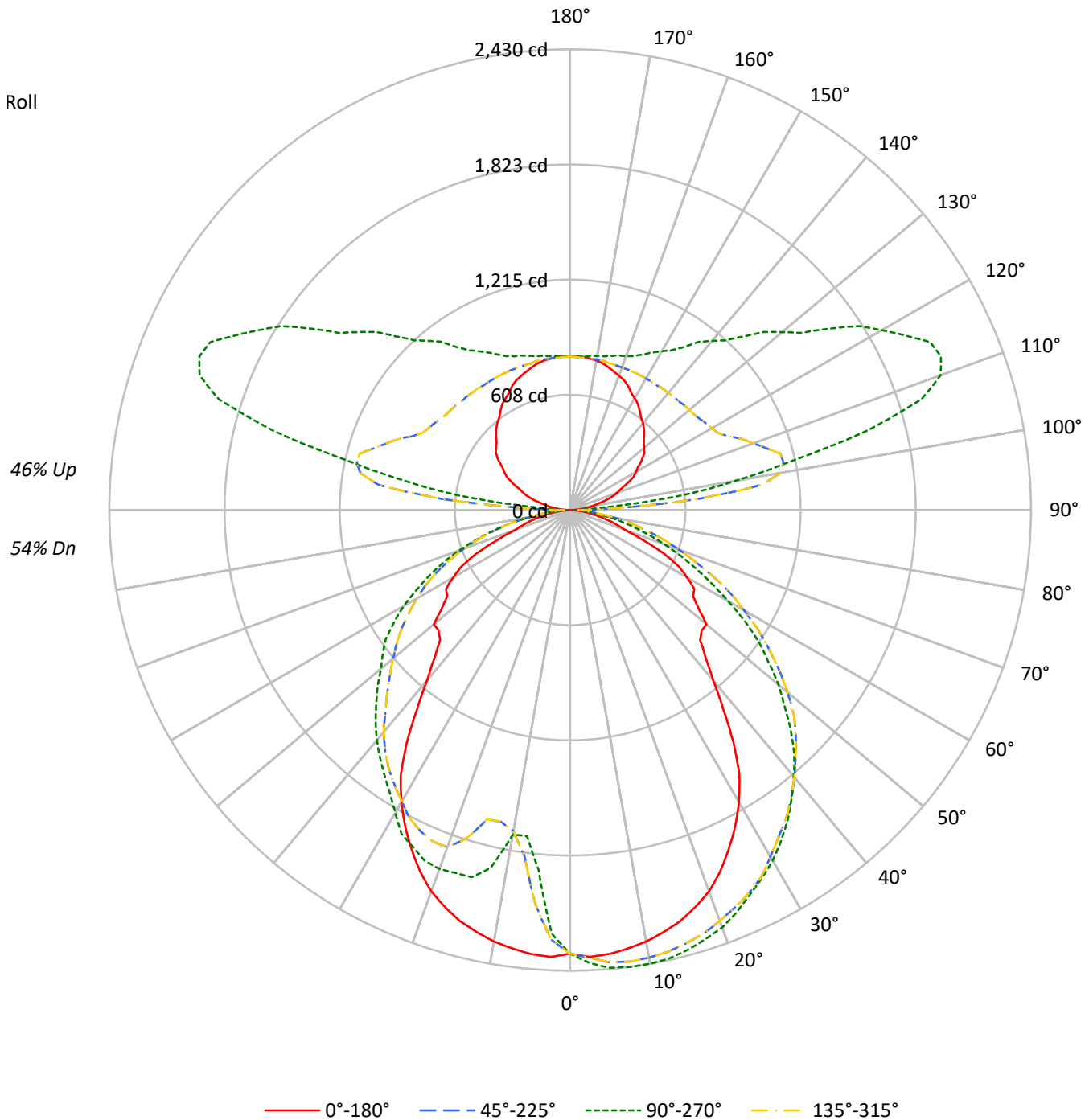
Test Method: LM-79-2019  
Report Number: P935338  
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11324.3 lumens  
Efficiency: N/A  
Efficacy: 109.7 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

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	14473	14473	14473	14473
5°	14575	14609	14575	11487
10°	14472	14391	14472	10288
15°	14310	14079	14310	11756
20°	14005	13710	14005	11781
25°	13387	13171	13387	11531
30°	12590	12724	12590	10983
35°	11219	12158	11219	10381
40°	9343	11492	9343	9925
45°	8342	10712	8342	9402
50°	8856	9783	8856	8877
55°	8324	8781	8324	8573
60°	8570	7458	8570	7852
65°	7757	6165	7757	6891
70°	5358	4913	5358	5776
75°	4683	3632	4683	4349
80°	3746	2401	3746	2614
85°	2111	1271	2111	1082

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12793 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	211.2	1.9
10°-20°	599.6	5.3
20°-30°	926.9	8.2
30°-40°	1106.5	9.8
40°-50°	1113.0	9.8
50°-60°	968.4	8.6
60°-70°	686.6	6.1
70°-80°	363.3	3.2
80°-90°	93.6	0.8
90°-100°	395.2	3.5
100°-110°	1038.9	9.2
110°-120°	1077.2	9.5
120°-130°	864.1	7.6
130°-140°	678.0	6.0
140°-150°	520.4	4.6
150°-160°	374.8	3.3
160°-170°	229.3	2.0
170°-180°	77.5	0.7
0°-30°	1737.6	15.3
0°-40°	2844.1	25.1
0°-60°	4925.5	43.5
0°-90°	6069.0	53.6
90°-120°	2511.3	22.2
90°-150°	4573.8	40.4
90°-180°	5255.0	46.4
0°-180°	11324.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2340	2340	2340	2340	2340	
5°	2351	2424	2351	1906	2351	223
15°	2244	2402	2244	2005	2244	631
25°	1976	2240	1976	1961	1976	908
35°	1503	1999	1503	1706	1503	930
45°	969	1647	969	1445	969	777
55°	790	1215	790	1186	790	726
65°	549	733	549	819	549	525
75°	208	348	208	416	208	219
85°	35	88	35	75	35	48
90°	5	21	5	21	5	6
95°	52	239	52	239	52	58
105°	187	1627	187	1627	187	198
115°	332	2095	332	2095	332	328
125°	462	1668	462	1668	462	411
135°	551	1294	551	1294	551	426
145°	639	1050	639	1050	639	401
155°	723	904	723	904	723	332
165°	780	842	780	842	780	220
175°	811	816	811	816	811	77
180°	811	811	811	811	811	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2359.4	2359.4	2372.7	2377.1	2377.1	2370.5	2363.8	2370.5	2390.4	2397.0	2394.8
5°	2350.6	2368.3	2392.6	2397.0	2401.5	2399.2	2394.8	2399.2	2421.4	2425.8	2428.0
7.5°	2332.9	2366.0	2397.0	2403.7	2410.3	2403.7	2401.5	2405.9	2428.0	2432.5	2432.5
10°	2310.7	2357.2	2392.6	2397.0	2403.7	2397.0	2397.0	2405.9	2428.0	2432.5	2434.6
12.5°	2279.8	2343.9	2377.1	2381.5	2390.4	2388.2	2386.0	2394.8	2416.9	2421.4	2421.4
15°	2244.4	2319.5	2350.6	2355.0	2370.5	2366.0	2366.0	2374.9	2399.2	2405.9	2403.7
17.5°	2195.6	2288.6	2324.0	2330.6	2341.7	2339.5	2341.7	2350.6	2372.7	2377.1	2379.3
20°	2140.3	2246.5	2288.6	2295.2	2306.3	2306.3	2306.3	2317.3	2339.5	2348.3	2348.3
22.5°	2065.1	2202.2	2246.5	2251.0	2264.2	2264.2	2268.7	2284.1	2304.1	2306.3	2306.3
25°	1976.5	2153.6	2191.2	2204.5	2217.8	2224.4	2231.0	2239.9	2246.5	2244.4	2246.5
27.5°	1883.5	2091.6	2140.3	2149.1	2166.8	2173.5	2182.4	2184.5	2186.8	2193.4	2189.0
30°	1779.5	2005.2	2078.3	2087.1	2115.9	2120.4	2111.5	2115.9	2127.0	2131.4	2135.9
32.5°	1662.2	1876.9	2014.1	2034.0	2060.6	2047.4	2045.1	2051.7	2069.4	2069.4	2073.9
35°	1502.9	1777.3	1954.4	1972.1	1992.0	1976.5	1985.4	1987.5	1998.6	2005.2	2003.1
37.5°	1328.0	1691.0	1892.4	1905.7	1921.2	1901.2	1914.6	1921.2	1930.0	1925.6	1925.6
40°	1173.1	1556.0	1819.3	1828.2	1841.5	1826.0	1839.3	1843.7	1848.1	1843.7	1841.5
42.5°	1058.0	1407.6	1741.9	1753.0	1744.1	1755.1	1759.6	1768.5	1761.8	1753.0	1753.0
45°	969.4	1367.9	1657.7	1671.1	1657.7	1675.5	1682.2	1682.2	1662.2	1657.7	1655.6
47.5°	940.7	1288.2	1573.7	1573.7	1567.0	1589.2	1600.3	1584.7	1564.8	1558.2	1558.2
50°	938.5	1199.7	1458.6	1449.8	1480.7	1507.3	1496.2	1480.7	1465.2	1440.9	1440.9
52.5°	852.2	1091.2	1310.3	1343.5	1392.2	1407.6	1389.9	1374.5	1347.9	1336.8	1328.0
55°	790.2	978.2	1175.2	1241.7	1292.6	1312.5	1279.3	1263.8	1224.0	1217.4	1212.9
57.5°	776.9	814.5	1051.3	1135.5	1197.4	1195.2	1175.2	1146.5	1113.3	1106.7	1104.4
60°	712.7	588.7	918.5	1018.1	1082.3	1075.7	1058.0	1031.4	1000.4	996.0	991.6
62.5°	646.3	427.2	768.0	880.9	971.6	969.4	953.9	914.1	892.0	880.9	872.0
65°	548.9	358.6	546.7	732.6	863.2	867.6	834.4	805.7	781.3	768.0	765.8
67.5°	418.3	292.1	369.7	610.9	759.2	754.7	712.7	699.4	668.4	661.8	648.5
70°	309.8	194.8	256.7	495.8	657.3	646.3	613.1	597.6	568.8	553.3	544.5
72.5°	256.7	157.1	188.1	385.1	553.3	540.1	511.3	493.6	469.2	456.0	447.1
75°	208.1	166.0	143.9	285.5	449.3	440.5	413.9	396.2	376.3	358.6	360.8
77.5°	152.7	155.0	115.1	210.2	356.3	343.1	327.5	305.5	296.6	278.9	278.9
80°	115.1	121.7	86.3	143.9	256.7	256.7	243.5	227.9	212.5	203.6	203.6
82.5°	77.4	77.4	64.2	90.8	174.8	168.2	159.3	155.0	146.1	141.6	141.6
85°	35.4	44.3	39.9	55.4	95.1	99.6	99.6	95.1	93.0	88.5	90.8
87.5°	11.1	19.9	24.3	31.0	48.7	50.9	53.1	53.1	53.1	55.4	55.4
90°	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6	20.7	20.7
92.5°	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5	103.3	99.2
95°	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8	350.9	338.4
97.5°	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6	810.1	786.4
100°	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6	1137.7	1109.4
102.5°	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8	1417.3	1393.2
105°	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3	1743.7	1730.7
107.5°	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7	1913.5	1916.6
110°	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6	1957.0	1970.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7	1929.3	1950.0
115°	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2	1835.2	1864.1
117.5°	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8	1705.1	1737.1
120°	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0	1617.5	1648.6
122.5°	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4	1529.9	1560.6
125°	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6	1414.1	1442.3
127.5°	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8	1321.0	1344.9
130°	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2	1262.3	1284.2
132.5°	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5	1212.2	1231.9
135°	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2	1141.5	1158.5
137.5°	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0	1089.3	1103.1
140°	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8	1047.3	1060.3
142.5°	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2	1017.9	1029.1
145°	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1	973.9	982.3
147.5°	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4	936.9	943.9
150°	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2	915.6	921.3
152.5°	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0	898.8	903.1
155°	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6	878.7	881.5
157.5°	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0	861.3	863.3
160°	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1	852.6	853.7
162.5°	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7	844.4	845.4
165°	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4	831.9	833.1
167.5°	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5	826.4	826.9
170°	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5	826.4	826.4
172.5°	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7	822.1	821.6
175°	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6	816.1	816.1
177.5°	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3	815.0	814.5
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2399.2	2392.6	2399.2	2394.8	2397.0	2390.4	2370.5	2363.8	2370.5	2377.1	2377.1
5°	2428.0	2423.6	2428.0	2428.0	2425.8	2421.4	2399.2	2394.8	2399.2	2401.5	2397.0
7.5°	2436.9	2430.3	2436.9	2432.5	2432.5	2428.0	2405.9	2401.5	2403.7	2410.3	2403.7
10°	2436.9	2430.3	2436.9	2434.6	2432.5	2428.0	2405.9	2397.0	2397.0	2403.7	2397.0
12.5°	2425.8	2421.4	2425.8	2421.4	2421.4	2416.9	2394.8	2386.0	2388.2	2390.4	2381.5
15°	2408.1	2401.5	2408.1	2403.7	2405.9	2399.2	2374.9	2366.0	2366.0	2370.5	2355.0
17.5°	2381.5	2372.7	2381.5	2379.3	2377.1	2372.7	2350.6	2341.7	2339.5	2341.7	2330.6
20°	2350.6	2343.9	2350.6	2348.3	2348.3	2339.5	2317.3	2306.3	2306.3	2306.3	2295.2
22.5°	2301.8	2295.2	2301.8	2306.3	2306.3	2304.1	2284.1	2268.7	2264.2	2264.2	2251.0
25°	2246.5	2239.9	2246.5	2246.5	2244.4	2246.5	2239.9	2231.0	2224.4	2217.8	2204.5
27.5°	2193.4	2189.0	2193.4	2189.0	2193.4	2186.8	2184.5	2182.4	2173.5	2166.8	2149.1
30°	2140.3	2135.9	2140.3	2135.9	2131.4	2127.0	2115.9	2111.5	2120.4	2115.9	2087.1
32.5°	2073.9	2069.4	2073.9	2073.9	2069.4	2069.4	2051.7	2045.1	2047.4	2060.6	2034.0
35°	2005.2	1998.6	2005.2	2003.1	2005.2	1998.6	1987.5	1985.4	1976.5	1992.0	1972.1
37.5°	1925.6	1918.9	1925.6	1925.6	1925.6	1930.0	1921.2	1914.6	1901.2	1921.2	1905.7
40°	1843.7	1834.8	1843.7	1841.5	1843.7	1848.1	1843.7	1839.3	1826.0	1841.5	1828.2
42.5°	1750.8	1748.5	1750.8	1753.0	1753.0	1761.8	1768.5	1759.6	1755.1	1744.1	1753.0
45°	1651.1	1646.7	1651.1	1655.6	1657.7	1662.2	1682.2	1682.2	1675.5	1657.7	1671.1
47.5°	1544.9	1533.8	1544.9	1558.2	1558.2	1564.8	1584.7	1600.3	1589.2	1567.0	1573.7
50°	1432.1	1434.2	1432.1	1440.9	1440.9	1465.2	1480.7	1496.2	1507.3	1480.7	1449.8
52.5°	1321.4	1319.1	1321.4	1328.0	1336.8	1347.9	1374.5	1389.9	1407.6	1392.2	1343.5
55°	1210.6	1215.1	1210.6	1212.9	1217.4	1224.0	1263.8	1279.3	1312.5	1292.6	1241.7
57.5°	1100.0	1093.4	1100.0	1104.4	1106.7	1113.3	1146.5	1175.2	1195.2	1197.4	1135.5
60°	971.6	962.8	971.6	991.6	996.0	1000.4	1031.4	1058.0	1075.7	1082.3	1018.1
62.5°	858.8	843.3	858.8	872.0	880.9	892.0	914.1	953.9	969.4	971.6	880.9
65°	739.2	732.6	739.2	765.8	768.0	781.3	805.7	834.4	867.6	863.2	732.6
67.5°	630.8	630.8	630.8	648.5	661.8	668.4	699.4	712.7	754.7	759.2	610.9
70°	531.2	529.0	531.2	544.5	553.3	568.8	597.6	613.1	646.3	657.3	495.8
72.5°	436.0	433.8	436.0	447.1	456.0	469.2	493.6	511.3	540.1	553.3	385.1
75°	352.0	347.5	352.0	360.8	358.6	376.3	396.2	413.9	440.5	449.3	285.5
77.5°	270.1	270.1	270.1	278.9	278.9	296.6	305.5	327.5	343.1	356.3	210.2
80°	201.4	199.2	201.4	203.6	203.6	212.5	227.9	243.5	256.7	256.7	143.9
82.5°	141.6	137.3	141.6	141.6	141.6	146.1	155.0	159.3	168.2	174.8	90.8
85°	88.5	88.5	88.5	90.8	88.5	93.0	95.1	99.6	99.6	95.1	55.4
87.5°	57.6	55.4	57.6	55.4	55.4	53.1	53.1	53.1	50.9	48.7	31.0
90°	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6	24.0	15.3
92.5°	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4	147.6	105.0
95°	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8	363.3	204.6
97.5°	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1	489.3	224.7
100°	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6	535.2	241.6
102.5°	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3	556.3	258.5
105°	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4	571.9	283.5
107.5°	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7	574.8	320.5
110°	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0	570.4	341.1





TEST NUMBER: P935338

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1	570.6	366.2
115°	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2	575.8	403.7
117.5°	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6	586.4	440.1
120°	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7	595.3	461.4
122.5°	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5	607.7	486.4
125°	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1	624.6	518.5
127.5°	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1	641.5	549.6
130°	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3	653.9	570.2
132.5°	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1	663.8	587.1
135°	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3	674.7	606.7
137.5°	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1	691.0	631.7
140°	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8	700.9	648.5
142.5°	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6	709.3	661.1
145°	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7	720.2	680.1
147.5°	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9	736.1	704.0
150°	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7	744.5	716.6
152.5°	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5	749.9	724.7
155°	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5	761.9	742.6
157.5°	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5	773.8	760.6
160°	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4	779.3	768.8
162.5°	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3	785.1	777.5
165°	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1	793.5	790.0
167.5°	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8	799.9	797.0
170°	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7	805.4	805.2
172.5°	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8	809.0	810.6
177.5°	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8	809.4	810.6
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935338

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2372.7	2359.4	2359.4	2337.3	2328.4	2321.8	2310.7	2277.5	2268.7	2259.8	2273.0
5°	2392.6	2368.3	2350.6	2310.7	2277.5	2264.2	2222.2	2142.5	2089.4	2049.5	2027.4
7.5°	2397.0	2366.0	2332.9	2270.9	2191.2	2155.8	2027.4	1881.3	1841.5	1806.1	1783.9
10°	2392.6	2357.2	2310.7	2217.8	2029.7	1967.7	1839.3	1744.1	1719.7	1713.1	1719.7
12.5°	2377.1	2343.9	2279.8	2124.8	1861.4	1819.3	1744.1	1688.8	1684.3	1695.4	1755.1
15°	2350.6	2319.5	2244.4	2000.9	1768.5	1737.4	1684.3	1664.5	1688.8	1766.2	1945.5
17.5°	2324.0	2288.6	2195.6	1879.1	1697.6	1675.5	1637.9	1677.7	1815.0	1918.9	1978.7
20°	2288.6	2246.5	2140.3	1790.5	1646.7	1626.8	1609.1	1788.4	1892.4	1930.0	1963.2
22.5°	2246.5	2202.2	2065.1	1728.6	1593.6	1578.1	1589.2	1850.4	1892.4	1918.9	1947.7
25°	2191.2	2153.6	1976.5	1679.9	1551.5	1533.8	1575.9	1843.7	1868.1	1874.7	1932.3
27.5°	2140.3	2091.6	1883.5	1635.7	1500.6	1494.0	1586.9	1815.0	1832.7	1839.3	1901.2
30°	2078.3	2005.2	1779.5	1589.2	1447.5	1445.3	1589.2	1779.5	1775.1	1792.8	1854.7
32.5°	2014.1	1876.9	1662.2	1531.6	1396.6	1394.4	1573.7	1726.4	1722.0	1746.3	1792.8
35°	1954.4	1777.3	1502.9	1465.2	1332.4	1334.6	1536.1	1664.5	1666.6	1688.8	1717.6
37.5°	1892.4	1691.0	1328.0	1392.2	1270.5	1270.5	1485.2	1606.9	1602.4	1609.1	1648.9
40°	1819.3	1556.0	1173.1	1297.0	1212.9	1206.3	1423.2	1544.9	1529.4	1527.2	1582.6
42.5°	1741.9	1407.6	1058.0	1170.9	1146.5	1137.7	1347.9	1469.6	1440.9	1447.5	1518.3
45°	1657.7	1367.9	969.4	989.3	1077.9	1071.2	1266.0	1383.3	1363.4	1381.1	1454.1
47.5°	1573.7	1288.2	940.7	821.1	1004.8	1002.7	1175.2	1299.2	1288.2	1305.9	1383.3
50°	1458.6	1199.7	938.5	703.8	923.0	931.8	1066.8	1217.4	1217.4	1232.8	1314.7
52.5°	1310.3	1091.2	852.2	637.5	827.8	854.3	971.6	1146.5	1150.9	1166.4	1239.4
55°	1175.2	978.2	790.2	586.5	714.9	772.4	878.7	1073.5	1082.3	1097.8	1164.2
57.5°	1051.3	814.5	776.9	526.8	610.9	666.2	796.8	1002.7	1007.0	1020.4	1084.5
60°	918.5	588.7	712.7	462.6	520.2	562.2	721.5	918.5	934.0	942.8	998.2
62.5°	768.0	427.2	646.3	418.3	475.9	484.7	659.6	838.8	858.8	865.4	898.6
65°	546.7	358.6	548.9	380.7	429.4	431.6	593.2	756.9	774.6	785.7	810.1
67.5°	369.7	292.1	418.3	345.2	394.0	396.2	529.0	661.8	686.1	695.0	710.4
70°	256.7	194.8	309.8	307.7	354.1	358.6	460.3	575.5	597.6	604.2	613.1
72.5°	188.1	157.1	256.7	276.7	312.1	316.5	389.5	478.0	500.2	506.8	511.3
75°	143.9	166.0	208.1	241.3	265.6	267.8	318.7	389.5	405.1	409.5	411.7
77.5°	115.1	155.0	152.7	194.8	216.9	212.5	250.1	301.0	314.3	314.3	314.3
80°	86.3	121.7	115.1	139.4	159.3	155.0	179.3	214.7	219.1	223.5	221.3
82.5°	64.2	77.4	77.4	88.5	106.2	101.9	119.6	139.4	139.4	139.4	143.9
85°	39.9	44.3	35.4	46.5	59.7	57.6	66.4	75.3	77.4	77.4	73.1
87.5°	24.3	19.9	11.1	17.7	26.6	26.6	31.0	33.2	31.0	31.0	31.0
90°	14.1	9.8	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6
92.5°	95.7	58.8	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5
95°	187.7	119.9	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8
97.5°	209.8	150.1	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6
100°	228.0	173.9	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6
102.5°	245.8	195.3	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8
105°	272.8	230.0	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3
107.5°	310.5	270.6	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7
110°	332.2	296.1	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6



TEST NUMBER: P935338

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	357.6	323.3	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7
115°	395.7	364.1	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2
117.5°	433.0	404.2	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8
120°	454.6	427.6	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0
122.5°	479.6	452.2	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4
125°	512.3	487.4	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6
127.5°	543.3	518.1	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8
130°	563.4	536.4	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2
132.5°	580.3	553.2	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5
135°	600.5	575.8	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2
137.5°	625.6	601.1	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0
140°	643.0	620.5	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8
142.5°	655.9	635.1	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2
145°	675.6	657.4	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1
147.5°	699.5	681.9	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4
150°	712.5	696.6	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2
152.5°	721.7	709.7	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0
155°	740.4	731.5	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6
157.5°	758.4	749.8	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0
160°	767.1	760.3	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1
162.5°	776.2	771.1	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7
165°	788.8	784.2	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4
167.5°	796.5	794.3	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5
170°	804.7	802.5	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5
172.5°	805.7	805.1	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7
175°	810.6	810.6	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6
177.5°	810.6	810.6	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935338

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2257.6	2251.0	2259.8	2235.5	2259.8	2251.0	2257.6	2273.0	2259.8	2268.7	2277.5
5°	1980.9	1969.8	1934.4	1905.7	1934.4	1969.8	1980.9	2027.4	2049.5	2089.4	2142.5
7.5°	1770.7	1761.8	1753.0	1735.3	1753.0	1761.8	1770.7	1783.9	1806.1	1841.5	1881.3
10°	1724.2	1726.4	1739.7	1737.4	1739.7	1726.4	1724.2	1719.7	1713.1	1719.7	1744.1
12.5°	1843.7	1863.6	1936.7	1932.3	1936.7	1863.6	1843.7	1755.1	1695.4	1684.3	1688.8
15°	1980.9	1987.5	2003.1	2005.2	2003.1	1987.5	1980.9	1945.5	1766.2	1688.8	1664.5
17.5°	1994.2	1996.4	2007.5	2007.5	2007.5	1996.4	1994.2	1978.7	1918.9	1815.0	1677.7
20°	1983.2	1987.5	2009.7	2014.1	2009.7	1987.5	1983.2	1963.2	1930.0	1892.4	1788.4
22.5°	1978.7	1987.5	2005.2	2003.1	2005.2	1987.5	1978.7	1947.7	1918.9	1892.4	1850.4
25°	1956.6	1956.6	1958.8	1961.0	1958.8	1956.6	1956.6	1932.3	1874.7	1868.1	1843.7
27.5°	1910.1	1914.6	1927.8	1925.6	1927.8	1914.6	1910.1	1901.2	1839.3	1832.7	1815.0
30°	1868.1	1863.6	1852.5	1843.7	1852.5	1863.6	1868.1	1854.7	1792.8	1775.1	1779.5
32.5°	1797.3	1786.2	1775.1	1768.5	1775.1	1786.2	1797.3	1792.8	1746.3	1722.0	1726.4
35°	1713.1	1715.3	1713.1	1706.5	1713.1	1715.3	1713.1	1717.6	1688.8	1666.6	1664.5
37.5°	1653.4	1657.7	1655.6	1646.7	1655.6	1657.7	1653.4	1648.9	1609.1	1602.4	1606.9
40°	1591.4	1593.6	1591.4	1584.7	1591.4	1593.6	1591.4	1582.6	1527.2	1529.4	1544.9
42.5°	1531.6	1529.4	1522.7	1518.3	1522.7	1529.4	1531.6	1518.3	1447.5	1440.9	1469.6
45°	1463.0	1465.2	1451.9	1445.3	1451.9	1465.2	1463.0	1454.1	1381.1	1363.4	1383.3
47.5°	1394.4	1394.4	1383.3	1376.7	1383.3	1394.4	1394.4	1383.3	1305.9	1288.2	1299.2
50°	1321.4	1319.1	1303.7	1301.4	1303.7	1319.1	1321.4	1314.7	1232.8	1217.4	1217.4
52.5°	1237.2	1237.2	1239.4	1243.9	1239.4	1237.2	1237.2	1239.4	1166.4	1150.9	1146.5
55°	1164.2	1166.4	1182.0	1186.3	1182.0	1166.4	1164.2	1164.2	1097.8	1082.3	1073.5
57.5°	1089.0	1089.0	1100.0	1100.0	1100.0	1089.0	1089.0	1084.5	1020.4	1007.0	1002.7
60°	1002.7	1007.0	1015.9	1013.7	1015.9	1007.0	1002.7	998.2	942.8	934.0	918.5
62.5°	911.9	916.3	918.5	914.1	918.5	916.3	911.9	898.6	865.4	858.8	838.8
65°	816.7	821.1	823.4	818.9	823.4	821.1	816.7	810.1	785.7	774.6	756.9
67.5°	719.3	717.1	714.9	723.8	714.9	717.1	719.3	710.4	695.0	686.1	661.8
70°	619.8	619.8	617.5	621.9	617.5	619.8	619.8	613.1	604.2	597.6	575.5
72.5°	513.5	511.3	520.2	513.5	520.2	511.3	513.5	511.3	506.8	500.2	478.0
75°	409.5	413.9	409.5	416.1	409.5	413.9	409.5	411.7	409.5	405.1	389.5
77.5°	312.1	316.5	312.1	312.1	312.1	316.5	312.1	314.3	314.3	314.3	301.0
80°	221.3	219.1	219.1	216.9	219.1	219.1	221.3	221.3	223.5	219.1	214.7
82.5°	141.6	139.4	139.4	143.9	139.4	139.4	141.6	143.9	139.4	139.4	139.4
85°	77.4	79.7	75.3	75.3	75.3	79.7	77.4	73.1	77.4	77.4	75.3
87.5°	28.8	26.6	26.6	26.6	26.6	26.6	28.8	31.0	31.0	31.0	33.2
90°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6
92.5°	103.3	99.2	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4
95°	350.9	338.4	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8
97.5°	810.1	786.4	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1
100°	1137.7	1109.4	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6
102.5°	1417.3	1393.2	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3
105°	1743.7	1730.7	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4
107.5°	1913.5	1916.6	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7
110°	1957.0	1970.5	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1929.3	1950.0	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1
115°	1835.2	1864.1	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2
117.5°	1705.1	1737.1	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6
120°	1617.5	1648.6	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7
122.5°	1529.9	1560.6	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5
125°	1414.1	1442.3	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1
127.5°	1321.0	1344.9	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1
130°	1262.3	1284.2	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3
132.5°	1212.2	1231.9	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1
135°	1141.5	1158.5	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3
137.5°	1089.3	1103.1	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1
140°	1047.3	1060.3	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8
142.5°	1017.9	1029.1	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6
145°	973.9	982.3	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7
147.5°	936.9	943.9	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9
150°	915.6	921.3	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7
152.5°	898.8	903.1	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5
155°	878.7	881.5	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5
157.5°	861.3	863.3	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5
160°	852.6	853.7	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4
162.5°	844.4	845.4	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3
165°	831.9	833.1	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1
167.5°	826.4	826.9	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8
170°	826.4	826.4	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7
172.5°	822.1	821.6	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8
177.5°	815.0	814.5	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2310.7	2321.8	2328.4	2337.3	2359.4
5°	2222.2	2264.2	2277.5	2310.7	2350.6
7.5°	2027.4	2155.8	2191.2	2270.9	2332.9
10°	1839.3	1967.7	2029.7	2217.8	2310.7
12.5°	1744.1	1819.3	1861.4	2124.8	2279.8
15°	1684.3	1737.4	1768.5	2000.9	2244.4
17.5°	1637.9	1675.5	1697.6	1879.1	2195.6
20°	1609.1	1626.8	1646.7	1790.5	2140.3
22.5°	1589.2	1578.1	1593.6	1728.6	2065.1
25°	1575.9	1533.8	1551.5	1679.9	1976.5
27.5°	1586.9	1494.0	1500.6	1635.7	1883.5
30°	1589.2	1445.3	1447.5	1589.2	1779.5
32.5°	1573.7	1394.4	1396.6	1531.6	1662.2
35°	1536.1	1334.6	1332.4	1465.2	1502.9
37.5°	1485.2	1270.5	1270.5	1392.2	1328.0
40°	1423.2	1206.3	1212.9	1297.0	1173.1
42.5°	1347.9	1137.7	1146.5	1170.9	1058.0
45°	1266.0	1071.2	1077.9	989.3	969.4
47.5°	1175.2	1002.7	1004.8	821.1	940.7
50°	1066.8	931.8	923.0	703.8	938.5
52.5°	971.6	854.3	827.8	637.5	852.2
55°	878.7	772.4	714.9	586.5	790.2
57.5°	796.8	666.2	610.9	526.8	776.9
60°	721.5	562.2	520.2	462.6	712.7
62.5°	659.6	484.7	475.9	418.3	646.3
65°	593.2	431.6	429.4	380.7	548.9
67.5°	529.0	396.2	394.0	345.2	418.3
70°	460.3	358.6	354.1	307.7	309.8
72.5°	389.5	316.5	312.1	276.7	256.7
75°	318.7	267.8	265.6	241.3	208.1
77.5°	250.1	212.5	216.9	194.8	152.7
80°	179.3	155.0	159.3	139.4	115.1
82.5°	119.6	101.9	106.2	88.5	77.4
85°	66.4	57.6	59.7	46.5	35.4
87.5°	31.0	26.6	26.6	17.7	11.1
90°	24.0	15.3	14.1	9.8	5.4
92.5°	147.6	105.0	95.7	58.8	21.8
95°	363.3	204.6	187.7	119.9	52.2
97.5°	489.3	224.7	209.8	150.1	90.3
100°	535.2	241.6	228.0	173.9	119.7
102.5°	556.3	258.5	245.8	195.3	144.8
105°	571.9	283.5	272.8	230.0	187.1
107.5°	574.8	320.5	310.5	270.6	230.7
110°	570.4	341.1	332.2	296.1	260.0



TEST NUMBER: P935338

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	570.6	366.2	357.6	323.3	288.9
115°	575.8	403.7	395.7	364.1	332.4
117.5°	586.4	440.1	433.0	404.2	375.4
120°	595.3	461.4	454.6	427.6	400.4
122.5°	607.7	486.4	479.6	452.2	424.9
125°	624.6	518.5	512.3	487.4	462.4
127.5°	641.5	549.6	543.3	518.1	493.0
130°	653.9	570.2	563.4	536.4	509.3
132.5°	663.8	587.1	580.3	553.2	526.1
135°	674.7	606.7	600.5	575.8	551.1
137.5°	691.0	631.7	625.6	601.1	576.7
140°	700.9	648.5	643.0	620.5	598.0
142.5°	709.3	661.1	655.9	635.1	614.3
145°	720.2	680.1	675.6	657.4	639.3
147.5°	736.1	704.0	699.5	681.9	664.3
150°	744.5	716.6	712.5	696.6	680.6
152.5°	749.9	724.7	721.7	709.7	697.5
155°	761.9	742.6	740.4	731.5	722.6
157.5°	773.8	760.6	758.4	749.8	741.1
160°	779.3	768.8	767.1	760.3	753.5
162.5°	785.1	777.5	776.2	771.1	766.1
165°	793.5	790.0	788.8	784.2	779.7
167.5°	799.9	797.0	796.5	794.3	792.2
170°	805.4	805.2	804.7	802.5	800.4
172.5°	805.8	805.8	805.7	805.1	804.7
175°	809.0	810.6	810.6	810.6	810.6
177.5°	809.4	810.6	810.6	810.6	810.6
180°	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935338  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.41	15.31	15.34	16.25	17.47	17.24	18.13	18.16	19.08	20.29
	3H	14.89	15.69	15.83	16.65	17.89	18.58	19.39	19.52	20.34	21.58
	4H	15.09	15.84	16.04	16.80	18.05	19.03	19.79	19.98	20.74	22.00
	6H	15.21	15.90	16.17	16.87	18.13	19.31	20.01	20.28	20.98	22.24
	8H	15.21	15.87	16.18	16.85	18.12	19.39	20.05	20.36	21.03	22.30
	12H	15.18	15.81	16.16	16.79	18.07	19.43	20.06	20.40	21.03	22.32
4H	2H	15.45	16.21	16.41	17.16	18.42	17.65	18.41	18.61	19.37	20.62
	3H	16.48	17.11	17.45	18.10	19.36	19.16	19.79	20.13	20.78	22.04
	4H	16.76	17.33	17.73	18.31	19.60	19.69	20.26	20.66	21.24	22.53
	6H	16.88	17.38	17.87	18.38	19.67	20.05	20.55	21.04	21.55	22.84
	8H	16.89	17.35	17.88	18.35	19.65	20.16	20.62	21.15	21.62	22.92
	12H	16.86	17.28	17.87	18.29	19.60	20.22	20.64	21.23	21.65	22.96
8H	4H	17.21	17.68	18.20	18.67	19.98	19.81	20.28	20.80	21.28	22.58
	6H	17.47	17.86	18.49	18.90	20.20	20.25	20.63	21.27	21.67	22.98
	8H	17.52	17.86	18.54	18.88	20.20	20.40	20.74	21.43	21.77	23.09
	12H	17.50	17.80	18.53	18.82	20.19	20.50	20.80	21.53	21.82	23.18
12H	4H	17.22	17.64	18.23	18.65	19.96	19.78	20.20	20.79	21.21	22.52
	6H	17.54	17.87	18.56	18.90	20.22	20.25	20.59	21.27	21.61	22.93
	8H	17.60	17.90	18.63	18.92	20.29	20.41	20.71	21.44	21.73	23.09