

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: P935363

Luminaire Tested: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935363
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-93050-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

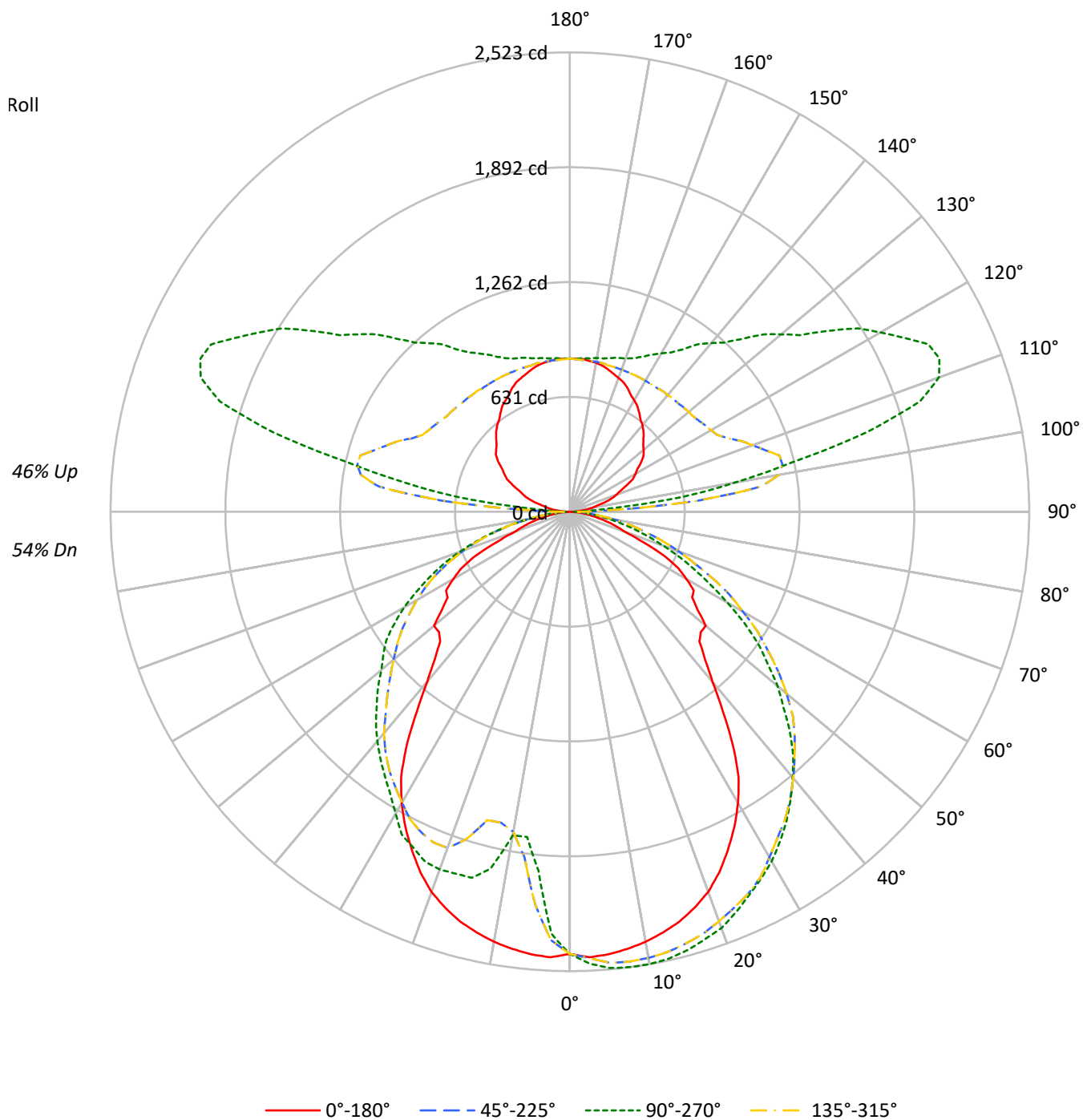
Lumens per Lamp: N/A
Luminaire Lumens: 11754.4 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

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: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15022	15022	15022	15022
5°	15129	15164	15129	11923
10°	15022	14938	15022	10679
15°	14853	14614	14853	12203
20°	14537	14231	14537	12229
25°	13895	13671	13895	11969
30°	13068	13207	13068	11401
35°	11645	12619	11645	10775
40°	9697	11928	9697	10302
45°	8659	11120	8659	9759
50°	9192	10154	9192	9214
55°	8640	9115	8640	8899
60°	8896	7741	8896	8150
65°	8053	6399	8053	7153
70°	5562	5100	5562	5996
75°	4860	3770	4860	4514
80°	3890	2491	3890	2713
85°	2188	1320	2188	1122

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13279 cd/sqm

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.2	1.9
10°-20°	622.4	5.3
20°-30°	962.1	8.2
30°-40°	1148.5	9.8
40°-50°	1155.3	9.8
50°-60°	1005.2	8.6
60°-70°	712.7	6.1
70°-80°	377.1	3.2
80°-90°	97.1	0.8
90°-100°	410.2	3.5
100°-110°	1078.4	9.2
110°-120°	1118.1	9.5
120°-130°	896.9	7.6
130°-140°	703.7	6.0
140°-150°	540.2	4.6
150°-160°	389.0	3.3
160°-170°	238.0	2.0
170°-180°	80.4	0.7
0°-30°	1803.7	15.3
0°-40°	2952.2	25.1
0°-60°	5112.6	43.5
0°-90°	6299.5	53.6
90°-120°	2606.7	22.2
90°-150°	4747.5	40.4
90°-180°	5455.0	46.4
0°-180°	11754.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2428	2428	2428	2428	2428	
5°	2440	2516	2440	1978	2440	231
15°	2330	2493	2330	2081	2330	655
25°	2052	2325	2052	2036	2052	942
35°	1560	2074	1560	1771	1560	965
45°	1006	1709	1006	1500	1006	806
55°	820	1261	820	1231	820	754
65°	570	760	570	850	570	545
75°	216	361	216	432	216	227
85°	37	92	37	78	37	50
90°	6	22	6	22	6	6
95°	54	248	54	248	54	60
105°	194	1689	194	1689	194	206
115°	345	2174	345	2174	345	341
125°	480	1732	480	1732	480	426
135°	572	1344	572	1344	572	443
145°	664	1090	664	1090	664	416
155°	750	939	750	939	750	345
165°	809	874	809	874	809	228
175°	841	847	841	847	841	80
180°	841	841	841	841	841	

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2449.0	2449.0	2462.9	2467.4	2467.4	2460.5	2453.6	2460.5	2481.2	2488.1	2485.8
5°	2439.9	2458.2	2483.5	2488.1	2492.7	2490.4	2485.8	2490.4	2513.4	2518.0	2520.2
7.5°	2421.5	2455.9	2488.1	2495.0	2501.9	2495.0	2492.7	2497.2	2520.2	2524.9	2524.9
10°	2398.5	2446.7	2483.5	2488.1	2495.0	2488.1	2488.1	2497.2	2520.2	2524.9	2527.1
12.5°	2366.4	2433.0	2467.4	2472.0	2481.2	2478.9	2476.6	2485.8	2508.7	2513.4	2513.4
15°	2329.6	2407.6	2439.9	2444.5	2460.5	2455.9	2455.9	2465.1	2490.4	2497.2	2495.0
17.5°	2279.0	2375.5	2412.3	2419.1	2430.6	2428.4	2430.6	2439.9	2462.9	2467.4	2469.7
20°	2221.6	2331.9	2375.5	2382.4	2393.9	2393.9	2393.9	2405.4	2428.4	2437.5	2437.5
22.5°	2143.5	2285.9	2331.9	2336.5	2350.3	2350.3	2354.9	2370.9	2391.6	2393.9	2393.9
25°	2051.5	2235.4	2274.4	2288.2	2302.0	2308.9	2315.8	2325.0	2331.9	2329.6	2331.9
27.5°	1955.1	2171.0	2221.6	2230.8	2249.1	2256.0	2265.3	2267.5	2269.9	2276.8	2272.1
30°	1847.1	2081.4	2157.3	2166.4	2196.3	2200.9	2191.8	2196.3	2207.8	2212.4	2217.0
32.5°	1725.3	1948.2	2090.7	2111.3	2138.9	2125.1	2122.8	2129.7	2148.0	2148.0	2152.7
35°	1560.0	1844.8	2028.6	2047.0	2067.7	2051.5	2060.8	2063.0	2074.5	2081.4	2079.2
37.5°	1378.5	1755.2	1964.3	1978.0	1994.2	1973.4	1987.3	1994.2	2003.3	1998.8	1998.8
40°	1217.6	1615.1	1888.4	1897.7	1911.4	1895.3	1909.2	1913.8	1918.3	1913.8	1911.4
42.5°	1098.1	1461.1	1808.1	1819.6	1810.3	1821.8	1826.4	1835.7	1828.7	1819.6	1819.6
45°	1006.3	1419.8	1720.7	1734.6	1720.7	1739.2	1746.1	1746.1	1725.3	1720.7	1718.4
47.5°	976.4	1337.1	1633.5	1633.5	1626.6	1649.6	1661.1	1644.9	1624.2	1617.3	1617.3
50°	974.1	1245.2	1514.0	1504.8	1537.0	1564.6	1553.1	1537.0	1520.9	1495.6	1495.6
52.5°	884.5	1132.6	1360.1	1394.5	1445.1	1461.1	1442.7	1426.7	1399.1	1387.6	1378.5
55°	820.2	1015.4	1219.9	1288.9	1341.7	1362.4	1327.9	1311.8	1270.5	1263.6	1259.0
57.5°	806.4	845.4	1091.3	1178.6	1242.9	1240.6	1219.9	1190.0	1155.6	1148.7	1146.4
60°	739.8	611.1	953.4	1056.8	1123.4	1116.5	1098.1	1070.6	1038.4	1033.9	1029.3
62.5°	670.8	443.4	797.2	914.4	1008.5	1006.3	990.2	948.8	925.9	914.4	905.2
65°	569.8	372.2	567.4	760.4	896.0	900.5	866.1	836.3	811.0	797.2	794.9
67.5°	434.2	303.2	383.7	634.1	788.0	783.4	739.8	725.9	693.8	686.9	673.2
70°	321.6	202.2	266.5	514.6	682.3	670.8	636.4	620.3	590.4	574.3	565.2
72.5°	266.5	163.1	195.2	399.7	574.3	560.6	530.7	512.3	487.1	473.3	464.1
75°	216.0	172.3	149.4	296.3	466.3	457.2	429.6	411.2	390.6	372.2	374.5
77.5°	158.5	160.8	119.5	218.2	369.8	356.1	340.0	317.1	307.8	289.5	289.5
80°	119.5	126.4	89.6	149.4	266.5	266.5	252.7	236.6	220.6	211.4	211.4
82.5°	80.4	80.4	66.6	94.2	181.5	174.6	165.4	160.8	151.6	147.0	147.0
85°	36.7	46.0	41.4	57.5	98.8	103.4	103.4	98.8	96.5	91.9	94.2
87.5°	11.5	20.6	25.3	32.1	50.5	52.9	55.1	55.1	55.1	57.5	57.5
90°	5.6	10.1	14.7	15.8	24.9	36.9	42.9	38.1	28.6	21.5	21.5
92.5°	22.6	61.0	99.4	109.0	153.2	212.2	241.7	211.8	152.1	107.3	103.0
95°	54.2	124.5	194.8	212.4	377.1	596.7	706.5	630.4	478.3	364.2	351.3
97.5°	93.8	155.8	217.8	233.3	507.9	874.1	1057.2	1009.2	913.0	840.9	816.3
100°	124.3	180.5	236.7	250.7	555.5	961.8	1165.0	1168.6	1175.6	1180.9	1151.5
102.5°	150.3	202.8	255.2	268.3	577.4	989.5	1195.5	1256.8	1379.3	1471.2	1446.1
105°	194.2	238.7	283.1	294.3	593.6	992.7	1192.2	1329.5	1604.0	1810.0	1796.5
107.5°	239.4	280.9	322.3	332.6	596.6	948.4	1124.4	1315.9	1698.9	1986.2	1989.5
110°	269.9	307.3	344.8	354.1	592.1	909.3	1067.9	1282.0	1710.2	2031.4	2045.4



TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	299.9	335.5	371.2	380.1	592.2	875.1	1016.5	1235.6	1673.9	2002.6	2024.1
115°	345.0	377.9	410.8	419.0	597.7	835.8	954.9	1166.0	1588.3	1904.9	1934.9
117.5°	389.7	419.5	449.4	456.8	608.7	811.3	912.6	1103.1	1484.1	1769.9	1803.1
120°	415.6	443.8	471.9	478.9	617.9	803.1	895.7	1069.7	1417.8	1679.0	1711.2
122.5°	441.1	469.4	497.8	504.9	630.8	798.7	882.7	1039.5	1352.9	1588.0	1619.9
125°	480.0	505.9	531.8	538.2	648.4	795.2	868.6	1001.7	1268.0	1467.8	1497.1
127.5°	511.7	537.8	563.9	570.4	665.8	793.1	856.7	971.1	1199.7	1371.2	1395.9
130°	528.6	556.8	584.8	591.9	678.7	794.4	852.2	953.9	1157.5	1310.2	1333.0
132.5°	546.1	574.2	602.3	609.4	689.0	795.2	848.2	939.4	1121.6	1258.3	1278.7
135°	572.1	597.7	623.3	629.7	700.3	794.4	841.4	917.7	1070.4	1184.9	1202.5
137.5°	598.6	623.9	649.4	655.7	717.2	799.3	840.4	904.9	1033.9	1130.6	1145.0
140°	620.7	644.0	667.4	673.2	727.6	800.1	836.4	892.1	1003.6	1087.1	1100.6
142.5°	637.6	659.2	680.8	686.2	736.3	803.0	836.4	885.3	983.2	1056.6	1068.2
145°	663.6	682.4	701.2	705.9	747.6	803.1	830.8	870.8	950.9	1010.9	1019.7
147.5°	689.6	707.8	726.1	730.7	764.0	808.5	830.8	862.3	925.3	972.5	979.7
150°	706.5	723.0	739.6	743.8	772.7	811.4	830.8	857.4	910.5	950.4	956.3
152.5°	724.0	736.6	749.1	752.3	778.4	813.3	830.8	853.5	898.9	932.9	937.4
155°	750.0	759.2	768.5	770.8	790.8	817.5	830.8	848.9	885.0	912.0	915.0
157.5°	769.2	778.3	787.2	789.5	803.2	821.6	830.8	844.8	872.9	894.0	896.1
160°	782.1	789.2	796.3	798.0	808.9	823.5	830.8	842.8	866.9	885.0	886.2
162.5°	795.2	800.4	805.7	807.0	814.9	825.5	830.8	840.9	861.3	876.5	877.6
165°	809.3	814.0	818.8	820.0	823.6	828.4	830.8	838.0	852.6	863.5	864.7
167.5°	822.2	824.5	826.8	827.3	830.3	834.4	836.4	841.2	850.7	857.8	858.4
170°	830.8	833.0	835.3	835.8	836.0	836.3	836.4	841.2	850.7	857.8	857.8
172.5°	835.3	835.7	836.3	836.4	836.4	836.4	836.4	840.2	847.7	853.3	852.8
175°	841.4	841.4	841.4	841.4	839.7	837.5	836.4	838.7	843.5	847.1	847.1
177.5°	841.4	841.4	841.4	841.4	840.2	838.5	837.5	839.4	843.2	846.0	845.4
180°	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2490.4	2483.5	2490.4	2485.8	2488.1	2481.2	2460.5	2453.6	2460.5	2467.4	2467.4
5°	2520.2	2515.6	2520.2	2520.2	2518.0	2513.4	2490.4	2485.8	2490.4	2492.7	2488.1
7.5°	2529.5	2522.6	2529.5	2524.9	2524.9	2520.2	2497.2	2492.7	2495.0	2501.9	2495.0
10°	2529.5	2522.6	2529.5	2527.1	2524.9	2520.2	2497.2	2488.1	2488.1	2495.0	2488.1
12.5°	2518.0	2513.4	2518.0	2513.4	2513.4	2508.7	2485.8	2476.6	2478.9	2481.2	2472.0
15°	2499.6	2492.7	2499.6	2495.0	2497.2	2490.4	2465.1	2455.9	2455.9	2460.5	2444.5
17.5°	2472.0	2462.9	2472.0	2469.7	2467.4	2462.9	2439.9	2430.6	2428.4	2430.6	2419.1
20°	2439.9	2433.0	2439.9	2437.5	2437.5	2428.4	2405.4	2393.9	2393.9	2393.9	2382.4
22.5°	2389.3	2382.4	2389.3	2393.9	2393.9	2391.6	2370.9	2354.9	2350.3	2350.3	2336.5
25°	2331.9	2325.0	2331.9	2331.9	2329.6	2331.9	2325.0	2315.8	2308.9	2302.0	2288.2
27.5°	2276.8	2272.1	2276.8	2272.1	2276.8	2269.9	2267.5	2265.3	2256.0	2249.1	2230.8
30°	2221.6	2217.0	2221.6	2217.0	2212.4	2207.8	2196.3	2191.8	2200.9	2196.3	2166.4
32.5°	2152.7	2148.0	2152.7	2152.7	2148.0	2148.0	2129.7	2122.8	2125.1	2138.9	2111.3
35°	2081.4	2074.5	2081.4	2079.2	2081.4	2074.5	2063.0	2060.8	2051.5	2067.7	2047.0
37.5°	1998.8	1991.8	1998.8	1998.8	1998.8	2003.3	1994.2	1987.3	1973.4	1994.2	1978.0
40°	1913.8	1904.5	1913.8	1911.4	1913.8	1918.3	1913.8	1909.2	1895.3	1911.4	1897.7
42.5°	1817.3	1814.9	1817.3	1819.6	1819.6	1828.7	1835.7	1826.4	1821.8	1810.3	1819.6
45°	1713.8	1709.3	1713.8	1718.4	1720.7	1725.3	1746.1	1746.1	1739.2	1720.7	1734.6
47.5°	1603.6	1592.1	1603.6	1617.3	1617.3	1624.2	1644.9	1661.1	1649.6	1626.6	1633.5
50°	1486.5	1488.7	1486.5	1495.6	1495.6	1520.9	1537.0	1553.1	1564.6	1537.0	1504.8
52.5°	1371.6	1369.2	1371.6	1378.5	1387.6	1399.1	1426.7	1442.7	1461.1	1445.1	1394.5
55°	1256.6	1261.3	1256.6	1259.0	1263.6	1270.5	1311.8	1327.9	1362.4	1341.7	1288.9
57.5°	1141.8	1134.9	1141.8	1146.4	1148.7	1155.6	1190.0	1219.9	1240.6	1242.9	1178.6
60°	1008.5	999.4	1008.5	1029.3	1033.9	1038.4	1070.6	1098.1	1116.5	1123.4	1056.8
62.5°	891.4	875.3	891.4	905.2	914.4	925.9	948.8	990.2	1006.3	1008.5	914.4
65°	767.3	760.4	767.3	794.9	797.2	811.0	836.3	866.1	900.5	896.0	760.4
67.5°	654.8	654.8	654.8	673.2	686.9	693.8	725.9	739.8	783.4	788.0	634.1
70°	551.3	549.1	551.3	565.2	574.3	590.4	620.3	636.4	670.8	682.3	514.6
72.5°	452.6	450.3	452.6	464.1	473.3	487.1	512.3	530.7	560.6	574.3	399.7
75°	365.3	360.7	365.3	374.5	372.2	390.6	411.2	429.6	457.2	466.3	296.3
77.5°	280.3	280.3	280.3	289.5	289.5	307.8	317.1	340.0	356.1	369.8	218.2
80°	209.1	206.7	209.1	211.4	211.4	220.6	236.6	252.7	266.5	266.5	149.4
82.5°	147.0	142.5	147.0	147.0	147.0	151.6	160.8	165.4	174.6	181.5	94.2
85°	91.9	91.9	91.9	94.2	91.9	96.5	98.8	103.4	103.4	98.8	57.5
87.5°	59.7	57.5	59.7	57.5	57.5	55.1	55.1	55.1	52.9	50.5	32.1
90°	21.5	21.5	21.5	21.5	21.5	28.6	38.1	42.9	36.9	24.9	15.8
92.5°	85.9	68.9	85.9	103.0	107.3	152.1	211.8	241.7	212.2	153.2	109.0
95°	299.6	247.9	299.6	351.3	364.2	478.3	630.4	706.5	596.7	377.1	212.4
97.5°	717.9	619.5	717.9	816.3	840.9	913.0	1009.2	1057.2	874.1	507.9	233.3
100°	1034.3	917.1	1034.3	1151.5	1180.9	1175.6	1168.6	1165.0	961.8	555.5	250.7
102.5°	1345.6	1245.2	1345.6	1446.1	1471.2	1379.3	1256.8	1195.5	989.5	577.4	268.3
105°	1742.5	1688.6	1742.5	1796.5	1810.0	1604.0	1329.5	1192.2	992.7	593.6	294.3
107.5°	2002.6	2015.6	2002.6	1989.5	1986.2	1698.9	1315.9	1124.4	948.4	596.6	332.6
110°	2101.7	2157.9	2101.7	2045.4	2031.4	1710.2	1282.0	1067.9	909.3	592.1	354.1

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2110.5	2196.8	2110.5	2024.1	2002.6	1673.9	1235.6	1016.5	875.1	592.2	380.1
115°	2054.5	2174.3	2054.5	1934.9	1904.9	1588.3	1166.0	954.9	835.8	597.7	419.0
117.5°	1935.9	2068.7	1935.9	1803.1	1769.9	1484.1	1103.1	912.6	811.3	608.7	456.8
120°	1840.3	1969.3	1840.3	1711.2	1679.0	1417.8	1069.7	895.7	803.1	617.9	478.9
122.5°	1747.1	1874.4	1747.1	1619.9	1588.0	1352.9	1039.5	882.7	798.7	630.8	504.9
125°	1614.3	1731.5	1614.3	1497.1	1467.8	1268.0	1001.7	868.6	795.2	648.4	538.2
127.5°	1494.9	1593.7	1494.9	1395.9	1371.2	1199.7	971.1	856.7	793.1	665.8	570.4
130°	1424.5	1515.8	1424.5	1333.0	1310.2	1157.5	953.9	852.2	794.4	678.7	591.9
132.5°	1360.5	1442.4	1360.5	1278.7	1258.3	1121.6	939.4	848.2	795.2	689.0	609.4
135°	1273.0	1343.5	1273.0	1202.5	1184.9	1070.4	917.7	841.4	794.4	700.3	629.7
137.5°	1202.8	1260.5	1202.8	1145.0	1130.6	1033.9	904.9	840.4	799.3	717.2	655.7
140°	1154.6	1208.6	1154.6	1100.6	1087.1	1003.6	892.1	836.4	800.1	727.6	673.2
142.5°	1114.7	1161.1	1114.7	1068.2	1056.6	983.2	885.3	836.4	803.0	736.3	686.2
145°	1054.9	1090.0	1054.9	1019.7	1010.9	950.9	870.8	830.8	803.1	747.6	705.9
147.5°	1008.9	1038.0	1008.9	979.7	972.5	925.3	862.3	830.8	808.5	764.0	730.7
150°	979.9	1003.6	979.9	956.3	950.4	910.5	857.4	830.8	811.4	772.7	743.8
152.5°	955.2	973.0	955.2	937.4	932.9	898.9	853.5	830.8	813.3	778.4	752.3
155°	926.8	938.6	926.8	915.0	912.0	885.0	848.9	830.8	817.5	790.8	770.8
157.5°	904.3	912.6	904.3	896.1	894.0	872.9	844.8	830.8	821.6	803.2	789.5
160°	890.9	895.7	890.9	886.2	885.0	866.9	842.8	830.8	823.5	808.9	798.0
162.5°	882.1	886.6	882.1	877.6	876.5	861.3	840.9	830.8	825.5	814.9	807.0
165°	869.5	874.2	869.5	864.7	863.5	852.6	838.0	830.8	828.4	823.6	820.0
167.5°	860.4	862.3	860.4	858.4	857.8	850.7	841.2	836.4	834.4	830.3	827.3
170°	857.8	857.8	857.8	857.8	857.8	850.7	841.2	836.4	836.3	836.0	835.8
172.5°	851.1	849.4	851.1	852.8	853.3	847.7	840.2	836.4	836.4	836.4	836.4
175°	847.1	847.1	847.1	847.1	847.1	843.5	838.7	836.4	837.5	839.7	841.4
177.5°	843.4	841.4	843.4	845.4	846.0	843.2	839.4	837.5	838.5	840.2	841.4
180°	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2462.9	2449.0	2449.0	2426.1	2416.9	2410.0	2398.5	2364.0	2354.9	2345.6	2359.4
5°	2483.5	2458.2	2439.9	2398.5	2364.0	2350.3	2306.6	2223.9	2168.8	2127.4	2104.4
7.5°	2488.1	2455.9	2421.5	2357.1	2274.4	2237.6	2104.4	1952.8	1911.4	1874.7	1851.7
10°	2483.5	2446.7	2398.5	2302.0	2106.8	2042.4	1909.2	1810.3	1785.1	1778.2	1785.1
12.5°	2467.4	2433.0	2366.4	2205.5	1932.2	1888.4	1810.3	1752.9	1748.3	1759.8	1821.8
15°	2439.9	2407.6	2329.6	2076.9	1835.7	1803.4	1748.3	1727.7	1752.9	1833.3	2019.4
17.5°	2412.3	2375.5	2279.0	1950.5	1762.1	1739.2	1700.1	1741.4	1883.9	1991.8	2053.9
20°	2375.5	2331.9	2221.6	1858.6	1709.3	1688.6	1670.2	1856.3	1964.3	2003.3	2037.8
22.5°	2331.9	2285.9	2143.5	1794.3	1654.1	1638.1	1649.6	1920.7	1964.3	1991.8	2021.7
25°	2274.4	2235.4	2051.5	1743.7	1610.5	1592.1	1635.7	1913.8	1939.0	1945.9	2005.7
27.5°	2221.6	2171.0	1955.1	1697.8	1557.6	1550.7	1647.2	1883.9	1902.3	1909.2	1973.4
30°	2157.3	2081.4	1847.1	1649.6	1502.5	1500.2	1649.6	1847.1	1842.5	1860.9	1925.2
32.5°	2090.7	1948.2	1725.3	1589.8	1449.7	1447.4	1633.5	1791.9	1787.4	1812.7	1860.9
35°	2028.6	1844.8	1560.0	1520.9	1383.0	1385.3	1594.4	1727.7	1729.9	1752.9	1782.8
37.5°	1964.3	1755.2	1378.5	1445.1	1318.7	1318.7	1541.6	1667.9	1663.3	1670.2	1711.6
40°	1888.4	1615.1	1217.6	1346.2	1259.0	1252.1	1477.2	1603.6	1587.5	1585.2	1642.7
42.5°	1808.1	1461.1	1098.1	1215.4	1190.0	1180.9	1399.1	1525.5	1495.6	1502.5	1576.0
45°	1720.7	1419.8	1006.3	1026.9	1118.9	1111.9	1314.1	1435.9	1415.2	1433.6	1509.4
47.5°	1633.5	1337.1	976.4	852.3	1043.0	1040.8	1219.9	1348.6	1337.1	1355.5	1435.9
50°	1514.0	1245.2	974.1	730.6	958.0	967.2	1107.4	1263.6	1263.6	1279.6	1364.6
52.5°	1360.1	1132.6	884.5	661.7	859.3	886.8	1008.5	1190.0	1194.6	1210.7	1286.5
55°	1219.9	1015.4	820.2	608.8	742.1	801.8	912.0	1114.3	1123.4	1139.5	1208.4
57.5°	1091.3	845.4	806.4	546.8	634.1	691.5	827.0	1040.8	1045.3	1059.1	1125.7
60°	953.4	611.1	739.8	480.2	539.9	583.6	748.9	953.4	969.5	978.7	1036.1
62.5°	797.2	443.4	670.8	434.2	493.9	503.1	684.7	870.7	891.4	898.3	932.8
65°	567.4	372.2	569.8	395.2	445.7	448.0	615.7	785.7	804.1	815.6	840.9
67.5°	383.7	303.2	434.2	358.4	409.0	411.2	549.1	686.9	712.2	721.4	737.4
70°	266.5	202.2	321.6	319.3	367.6	372.2	477.8	597.3	620.3	627.2	636.4
72.5°	195.2	163.1	266.5	287.2	324.0	328.6	404.3	496.2	519.2	526.1	530.7
75°	149.4	172.3	216.0	250.5	275.7	278.0	330.8	404.3	420.4	425.1	427.3
77.5°	119.5	160.8	158.5	202.2	225.1	220.6	259.6	312.5	326.2	326.2	326.2
80°	89.6	126.4	119.5	144.7	165.4	160.8	186.1	222.9	227.5	232.0	229.7
82.5°	66.6	80.4	80.4	91.9	110.2	105.7	124.1	144.7	144.7	144.7	149.4
85°	41.4	46.0	36.7	48.2	62.0	59.7	68.9	78.1	80.4	80.4	75.9
87.5°	25.3	20.6	11.5	18.4	27.6	27.6	32.1	34.5	32.1	32.1	32.1
90°	14.7	10.1	5.6	10.1	14.7	15.8	24.9	36.9	42.9	38.1	28.6
92.5°	99.4	61.0	22.6	61.0	99.4	109.0	153.2	212.2	241.7	211.8	152.1
95°	194.8	124.5	54.2	124.5	194.8	212.4	377.1	596.7	706.5	630.4	478.3
97.5°	217.8	155.8	93.8	155.8	217.8	233.3	507.9	874.1	1057.2	1009.2	913.0
100°	236.7	180.5	124.3	180.5	236.7	250.7	555.5	961.8	1165.0	1168.6	1175.6
102.5°	255.2	202.8	150.3	202.8	255.2	268.3	577.4	989.5	1195.5	1256.8	1379.3
105°	283.1	238.7	194.2	238.7	283.1	294.3	593.6	992.7	1192.2	1329.5	1604.0
107.5°	322.3	280.9	239.4	280.9	322.3	332.6	596.6	948.4	1124.4	1315.9	1698.9
110°	344.8	307.3	269.9	307.3	344.8	354.1	592.1	909.3	1067.9	1282.0	1710.2

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	371.2	335.5	299.9	335.5	371.2	380.1	592.2	875.1	1016.5	1235.6	1673.9
115°	410.8	377.9	345.0	377.9	410.8	419.0	597.7	835.8	954.9	1166.0	1588.3
117.5°	449.4	419.5	389.7	419.5	449.4	456.8	608.7	811.3	912.6	1103.1	1484.1
120°	471.9	443.8	415.6	443.8	471.9	478.9	617.9	803.1	895.7	1069.7	1417.8
122.5°	497.8	469.4	441.1	469.4	497.8	504.9	630.8	798.7	882.7	1039.5	1352.9
125°	531.8	505.9	480.0	505.9	531.8	538.2	648.4	795.2	868.6	1001.7	1268.0
127.5°	563.9	537.8	511.7	537.8	563.9	570.4	665.8	793.1	856.7	971.1	1199.7
130°	584.8	556.8	528.6	556.8	584.8	591.9	678.7	794.4	852.2	953.9	1157.5
132.5°	602.3	574.2	546.1	574.2	602.3	609.4	689.0	795.2	848.2	939.4	1121.6
135°	623.3	597.7	572.1	597.7	623.3	629.7	700.3	794.4	841.4	917.7	1070.4
137.5°	649.4	623.9	598.6	623.9	649.4	655.7	717.2	799.3	840.4	904.9	1033.9
140°	667.4	644.0	620.7	644.0	667.4	673.2	727.6	800.1	836.4	892.1	1003.6
142.5°	680.8	659.2	637.6	659.2	680.8	686.2	736.3	803.0	836.4	885.3	983.2
145°	701.2	682.4	663.6	682.4	701.2	705.9	747.6	803.1	830.8	870.8	950.9
147.5°	726.1	707.8	689.6	707.8	726.1	730.7	764.0	808.5	830.8	862.3	925.3
150°	739.6	723.0	706.5	723.0	739.6	743.8	772.7	811.4	830.8	857.4	910.5
152.5°	749.1	736.6	724.0	736.6	749.1	752.3	778.4	813.3	830.8	853.5	898.9
155°	768.5	759.2	750.0	759.2	768.5	770.8	790.8	817.5	830.8	848.9	885.0
157.5°	787.2	778.3	769.2	778.3	787.2	789.5	803.2	821.6	830.8	844.8	872.9
160°	796.3	789.2	782.1	789.2	796.3	798.0	808.9	823.5	830.8	842.8	866.9
162.5°	805.7	800.4	795.2	800.4	805.7	807.0	814.9	825.5	830.8	840.9	861.3
165°	818.8	814.0	809.3	814.0	818.8	820.0	823.6	828.4	830.8	838.0	852.6
167.5°	826.8	824.5	822.2	824.5	826.8	827.3	830.3	834.4	836.4	841.2	850.7
170°	835.3	833.0	830.8	833.0	835.3	835.8	836.0	836.3	836.4	841.2	850.7
172.5°	836.3	835.7	835.3	835.7	836.3	836.4	836.4	836.4	836.4	840.2	847.7
175°	841.4	841.4	841.4	841.4	841.4	841.4	839.7	837.5	836.4	838.7	843.5
177.5°	841.4	841.4	841.4	841.4	841.4	841.4	840.2	838.5	837.5	839.4	843.2
180°	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2343.4	2336.5	2345.6	2320.4	2345.6	2336.5	2343.4	2359.4	2345.6	2354.9	2364.0
5°	2056.2	2044.7	2007.9	1978.0	2007.9	2044.7	2056.2	2104.4	2127.4	2168.8	2223.9
7.5°	1837.9	1828.7	1819.6	1801.2	1819.6	1828.7	1837.9	1851.7	1874.7	1911.4	1952.8
10°	1789.7	1791.9	1805.8	1803.4	1805.8	1791.9	1789.7	1785.1	1778.2	1785.1	1810.3
12.5°	1913.8	1934.4	2010.3	2005.7	2010.3	1934.4	1913.8	1821.8	1759.8	1748.3	1752.9
15°	2056.2	2063.0	2079.2	2081.4	2079.2	2063.0	2056.2	2019.4	1833.3	1752.9	1727.7
17.5°	2069.9	2072.3	2083.8	2083.8	2083.8	2072.3	2069.9	2053.9	1991.8	1883.9	1741.4
20°	2058.5	2063.0	2086.0	2090.7	2086.0	2063.0	2058.5	2037.8	2003.3	1964.3	1856.3
22.5°	2053.9	2063.0	2081.4	2079.2	2081.4	2063.0	2053.9	2021.7	1991.8	1964.3	1920.7
25°	2030.9	2030.9	2033.2	2035.5	2033.2	2030.9	2030.9	2005.7	1945.9	1939.0	1913.8
27.5°	1982.7	1987.3	2001.0	1998.8	2001.0	1987.3	1982.7	1973.4	1909.2	1902.3	1883.9
30°	1939.0	1934.4	1922.9	1913.8	1922.9	1934.4	1939.0	1925.2	1860.9	1842.5	1847.1
32.5°	1865.5	1854.0	1842.5	1835.7	1842.5	1854.0	1865.5	1860.9	1812.7	1787.4	1791.9
35°	1778.2	1780.5	1778.2	1771.3	1778.2	1780.5	1778.2	1782.8	1752.9	1729.9	1727.7
37.5°	1716.2	1720.7	1718.4	1709.3	1718.4	1720.7	1716.2	1711.6	1670.2	1663.3	1667.9
40°	1651.8	1654.1	1651.8	1644.9	1651.8	1654.1	1651.8	1642.7	1585.2	1587.5	1603.6
42.5°	1589.8	1587.5	1580.6	1576.0	1580.6	1587.5	1589.8	1576.0	1502.5	1495.6	1525.5
45°	1518.6	1520.9	1507.1	1500.2	1507.1	1520.9	1518.6	1509.4	1433.6	1415.2	1435.9
47.5°	1447.4	1447.4	1435.9	1429.0	1435.9	1447.4	1447.4	1435.9	1355.5	1337.1	1348.6
50°	1371.6	1369.2	1353.2	1350.9	1353.2	1369.2	1371.6	1364.6	1279.6	1263.6	1263.6
52.5°	1284.2	1284.2	1286.5	1291.1	1286.5	1284.2	1284.2	1286.5	1210.7	1194.6	1190.0
55°	1208.4	1210.7	1226.9	1231.4	1226.9	1210.7	1208.4	1208.4	1139.5	1123.4	1114.3
57.5°	1130.4	1130.4	1141.8	1141.8	1141.8	1130.4	1130.4	1125.7	1059.1	1045.3	1040.8
60°	1040.8	1045.3	1054.5	1052.2	1054.5	1045.3	1040.8	1036.1	978.7	969.5	953.4
62.5°	946.5	951.1	953.4	948.8	953.4	951.1	946.5	932.8	898.3	891.4	870.7
65°	847.8	852.3	854.7	850.0	854.7	852.3	847.8	840.9	815.6	804.1	785.7
67.5°	746.7	744.3	742.1	751.3	742.1	744.3	746.7	737.4	721.4	712.2	686.9
70°	643.3	643.3	640.9	645.6	640.9	643.3	643.3	636.4	627.2	620.3	597.3
72.5°	533.0	530.7	539.9	533.0	539.9	530.7	533.0	530.7	526.1	519.2	496.2
75°	425.1	429.6	425.1	431.9	425.1	429.6	425.1	427.3	425.1	420.4	404.3
77.5°	324.0	328.6	324.0	324.0	324.0	328.6	324.0	326.2	326.2	326.2	312.5
80°	229.7	227.5	227.5	225.1	227.5	227.5	229.7	229.7	232.0	227.5	222.9
82.5°	147.0	144.7	144.7	149.4	144.7	144.7	147.0	149.4	144.7	144.7	144.7
85°	80.4	82.7	78.1	78.1	78.1	82.7	80.4	75.9	80.4	80.4	78.1
87.5°	29.9	27.6	27.6	27.6	27.6	27.6	29.9	32.1	32.1	32.1	34.5
90°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	28.6	38.1	42.9	36.9
92.5°	107.3	103.0	85.9	68.9	85.9	103.0	107.3	152.1	211.8	241.7	212.2
95°	364.2	351.3	299.6	247.9	299.6	351.3	364.2	478.3	630.4	706.5	596.7
97.5°	840.9	816.3	717.9	619.5	717.9	816.3	840.9	913.0	1009.2	1057.2	874.1
100°	1180.9	1151.5	1034.3	917.1	1034.3	1151.5	1180.9	1175.6	1168.6	1165.0	961.8
102.5°	1471.2	1446.1	1345.6	1245.2	1345.6	1446.1	1471.2	1379.3	1256.8	1195.5	989.5
105°	1810.0	1796.5	1742.5	1688.6	1742.5	1796.5	1810.0	1604.0	1329.5	1192.2	992.7
107.5°	1986.2	1989.5	2002.6	2015.6	2002.6	1989.5	1986.2	1698.9	1315.9	1124.4	948.4
110°	2031.4	2045.4	2101.7	2157.9	2101.7	2045.4	2031.4	1710.2	1282.0	1067.9	909.3

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2002.6	2024.1	2110.5	2196.8	2110.5	2024.1	2002.6	1673.9	1235.6	1016.5	875.1
115°	1904.9	1934.9	2054.5	2174.3	2054.5	1934.9	1904.9	1588.3	1166.0	954.9	835.8
117.5°	1769.9	1803.1	1935.9	2068.7	1935.9	1803.1	1769.9	1484.1	1103.1	912.6	811.3
120°	1679.0	1711.2	1840.3	1969.3	1840.3	1711.2	1679.0	1417.8	1069.7	895.7	803.1
122.5°	1588.0	1619.9	1747.1	1874.4	1747.1	1619.9	1588.0	1352.9	1039.5	882.7	798.7
125°	1467.8	1497.1	1614.3	1731.5	1614.3	1497.1	1467.8	1268.0	1001.7	868.6	795.2
127.5°	1371.2	1395.9	1494.9	1593.7	1494.9	1395.9	1371.2	1199.7	971.1	856.7	793.1
130°	1310.2	1333.0	1424.5	1515.8	1424.5	1333.0	1310.2	1157.5	953.9	852.2	794.4
132.5°	1258.3	1278.7	1360.5	1442.4	1360.5	1278.7	1258.3	1121.6	939.4	848.2	795.2
135°	1184.9	1202.5	1273.0	1343.5	1273.0	1202.5	1184.9	1070.4	917.7	841.4	794.4
137.5°	1130.6	1145.0	1202.8	1260.5	1202.8	1145.0	1130.6	1033.9	904.9	840.4	799.3
140°	1087.1	1100.6	1154.6	1208.6	1154.6	1100.6	1087.1	1003.6	892.1	836.4	800.1
142.5°	1056.6	1068.2	1114.7	1161.1	1114.7	1068.2	1056.6	983.2	885.3	836.4	803.0
145°	1010.9	1019.7	1054.9	1090.0	1054.9	1019.7	1010.9	950.9	870.8	830.8	803.1
147.5°	972.5	979.7	1008.9	1038.0	1008.9	979.7	972.5	925.3	862.3	830.8	808.5
150°	950.4	956.3	979.9	1003.6	979.9	956.3	950.4	910.5	857.4	830.8	811.4
152.5°	932.9	937.4	955.2	973.0	955.2	937.4	932.9	898.9	853.5	830.8	813.3
155°	912.0	915.0	926.8	938.6	926.8	915.0	912.0	885.0	848.9	830.8	817.5
157.5°	894.0	896.1	904.3	912.6	904.3	896.1	894.0	872.9	844.8	830.8	821.6
160°	885.0	886.2	890.9	895.7	890.9	886.2	885.0	866.9	842.8	830.8	823.5
162.5°	876.5	877.6	882.1	886.6	882.1	877.6	876.5	861.3	840.9	830.8	825.5
165°	863.5	864.7	869.5	874.2	869.5	864.7	863.5	852.6	838.0	830.8	828.4
167.5°	857.8	858.4	860.4	862.3	860.4	858.4	857.8	850.7	841.2	836.4	834.4
170°	857.8	857.8	857.8	857.8	857.8	857.8	857.8	850.7	841.2	836.4	836.3
172.5°	853.3	852.8	851.1	849.4	851.1	852.8	853.3	847.7	840.2	836.4	836.4
175°	847.1	847.1	847.1	847.1	847.1	847.1	847.1	843.5	838.7	836.4	837.5
177.5°	846.0	845.4	843.4	841.4	843.4	845.4	846.0	843.2	839.4	837.5	838.5
180°	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4	841.4

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2398.5	2410.0	2416.9	2426.1	2449.0
5°	2306.6	2350.3	2364.0	2398.5	2439.9
7.5°	2104.4	2237.6	2274.4	2357.1	2421.5
10°	1909.2	2042.4	2106.8	2302.0	2398.5
12.5°	1810.3	1888.4	1932.2	2205.5	2366.4
15°	1748.3	1803.4	1835.7	2076.9	2329.6
17.5°	1700.1	1739.2	1762.1	1950.5	2279.0
20°	1670.2	1688.6	1709.3	1858.6	2221.6
22.5°	1649.6	1638.1	1654.1	1794.3	2143.5
25°	1635.7	1592.1	1610.5	1743.7	2051.5
27.5°	1647.2	1550.7	1557.6	1697.8	1955.1
30°	1649.6	1500.2	1502.5	1649.6	1847.1
32.5°	1633.5	1447.4	1449.7	1589.8	1725.3
35°	1594.4	1385.3	1383.0	1520.9	1560.0
37.5°	1541.6	1318.7	1318.7	1445.1	1378.5
40°	1477.2	1252.1	1259.0	1346.2	1217.6
42.5°	1399.1	1180.9	1190.0	1215.4	1098.1
45°	1314.1	1111.9	1118.9	1026.9	1006.3
47.5°	1219.9	1040.8	1043.0	852.3	976.4
50°	1107.4	967.2	958.0	730.6	974.1
52.5°	1008.5	886.8	859.3	661.7	884.5
55°	912.0	801.8	742.1	608.8	820.2
57.5°	827.0	691.5	634.1	546.8	806.4
60°	748.9	583.6	539.9	480.2	739.8
62.5°	684.7	503.1	493.9	434.2	670.8
65°	615.7	448.0	445.7	395.2	569.8
67.5°	549.1	411.2	409.0	358.4	434.2
70°	477.8	372.2	367.6	319.3	321.6
72.5°	404.3	328.6	324.0	287.2	266.5
75°	330.8	278.0	275.7	250.5	216.0
77.5°	259.6	220.6	225.1	202.2	158.5
80°	186.1	160.8	165.4	144.7	119.5
82.5°	124.1	105.7	110.2	91.9	80.4
85°	68.9	59.7	62.0	48.2	36.7
87.5°	32.1	27.6	27.6	18.4	11.5
90°	24.9	15.8	14.7	10.1	5.6
92.5°	153.2	109.0	99.4	61.0	22.6
95°	377.1	212.4	194.8	124.5	54.2
97.5°	507.9	233.3	217.8	155.8	93.8
100°	555.5	250.7	236.7	180.5	124.3
102.5°	577.4	268.3	255.2	202.8	150.3
105°	593.6	294.3	283.1	238.7	194.2
107.5°	596.6	332.6	322.3	280.9	239.4
110°	592.1	354.1	344.8	307.3	269.9



TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	592.2	380.1	371.2	335.5	299.9
115°	597.7	419.0	410.8	377.9	345.0
117.5°	608.7	456.8	449.4	419.5	389.7
120°	617.9	478.9	471.9	443.8	415.6
122.5°	630.8	504.9	497.8	469.4	441.1
125°	648.4	538.2	531.8	505.9	480.0
127.5°	665.8	570.4	563.9	537.8	511.7
130°	678.7	591.9	584.8	556.8	528.6
132.5°	689.0	609.4	602.3	574.2	546.1
135°	700.3	629.7	623.3	597.7	572.1
137.5°	717.2	655.7	649.4	623.9	598.6
140°	727.6	673.2	667.4	644.0	620.7
142.5°	736.3	686.2	680.8	659.2	637.6
145°	747.6	705.9	701.2	682.4	663.6
147.5°	764.0	730.7	726.1	707.8	689.6
150°	772.7	743.8	739.6	723.0	706.5
152.5°	778.4	752.3	749.1	736.6	724.0
155°	790.8	770.8	768.5	759.2	750.0
157.5°	803.2	789.5	787.2	778.3	769.2
160°	808.9	798.0	796.3	789.2	782.1
162.5°	814.9	807.0	805.7	800.4	795.2
165°	823.6	820.0	818.8	814.0	809.3
167.5°	830.3	827.3	826.8	824.5	822.2
170°	836.0	835.8	835.3	833.0	830.8
172.5°	836.4	836.4	836.3	835.7	835.3
175°	839.7	841.4	841.4	841.4	841.4
177.5°	840.2	841.4	841.4	841.4	841.4
180°	841.4	841.4	841.4	841.4	841.4

TEST NUMBER: P935363

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-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	14.54	15.44	15.47	16.38	17.60	17.37	18.26	18.29	19.20	20.42
	3H	15.02	15.82	15.96	16.78	18.02	18.71	19.51	19.65	20.47	21.71
	4H	15.22	15.97	16.17	16.93	18.18	19.16	19.92	20.11	20.87	22.13
	6H	15.34	16.03	16.30	17.00	18.26	19.44	20.14	20.41	21.10	22.37
	8H	15.34	16.00	16.31	16.98	18.25	19.52	20.18	20.49	21.16	22.43
	12H	15.31	15.94	16.29	16.92	18.20	19.56	20.19	20.53	21.16	22.45
4H	2H	15.58	16.34	16.54	17.29	18.55	17.78	18.54	18.74	19.50	20.75
	3H	16.61	17.24	17.58	18.23	19.49	19.29	19.92	20.26	20.91	22.17
	4H	16.89	17.46	17.86	18.44	19.73	19.82	20.39	20.79	21.37	22.66
	6H	17.01	17.51	18.00	18.51	19.80	20.18	20.68	21.17	21.68	22.97
	8H	17.02	17.48	18.01	18.48	19.78	20.29	20.75	21.28	21.75	23.05
	12H	16.99	17.41	18.00	18.42	19.73	20.35	20.76	21.36	21.78	23.09
8H	4H	17.34	17.81	18.33	18.80	20.11	19.94	20.41	20.93	21.41	22.71
	6H	17.60	17.99	18.62	19.03	20.33	20.38	20.76	21.40	21.80	23.10
	8H	17.65	17.99	18.67	19.01	20.33	20.53	20.87	21.56	21.90	23.22
	12H	17.63	17.93	18.66	18.95	20.32	20.63	20.93	21.66	21.95	23.31
12H	4H	17.35	17.77	18.36	18.78	20.09	19.91	20.33	20.92	21.34	22.65
	6H	17.66	18.00	18.69	19.03	20.35	20.38	20.72	21.40	21.74	23.06
	8H	17.73	18.03	18.76	19.05	20.42	20.54	20.84	21.57	21.86	23.22