

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: P935339

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935339
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-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

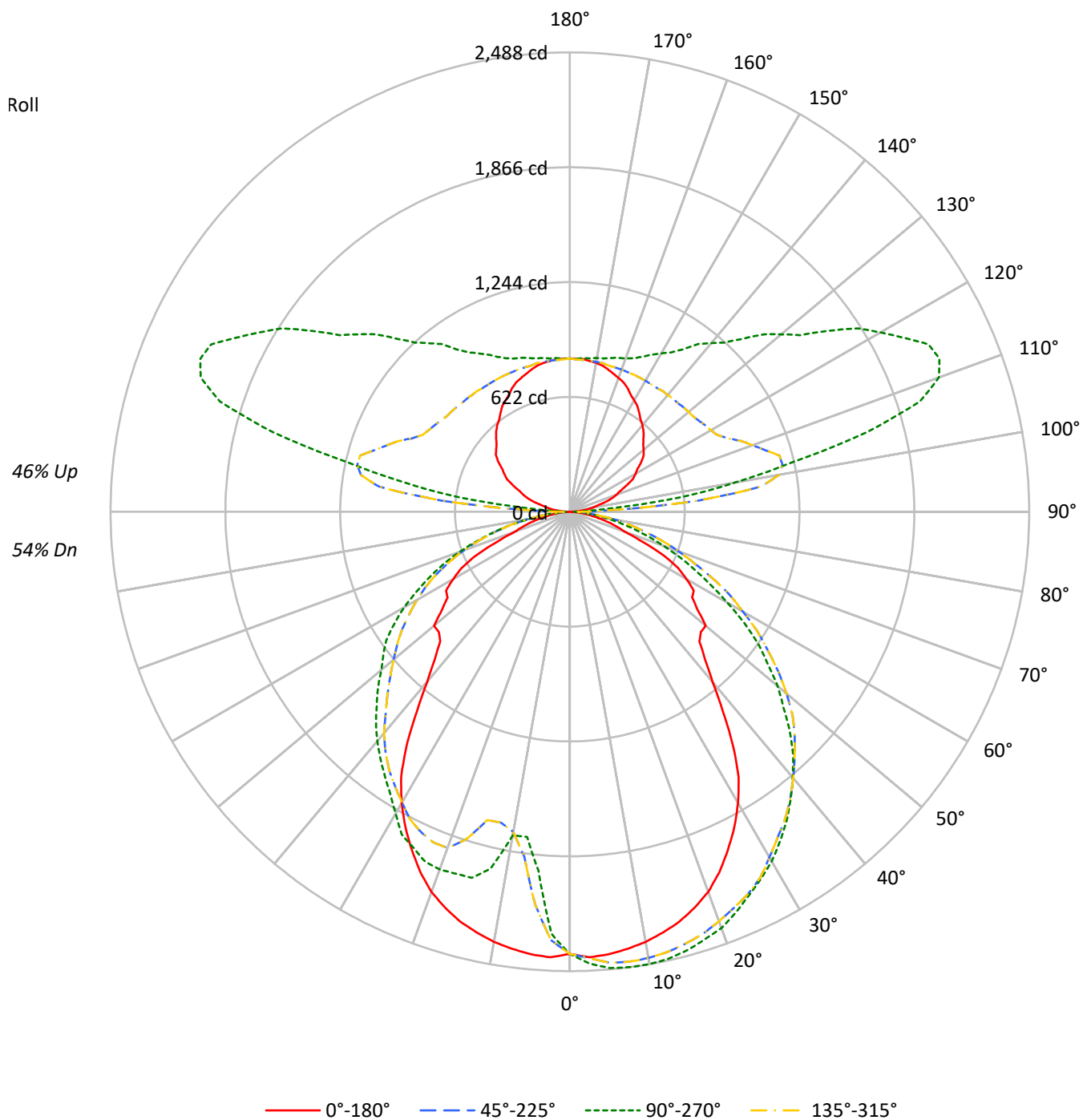
Lumens per Lamp: N/A
Luminaire Lumens: 11591.6 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

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: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

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
RW	70	50	30	10	70	50	30	10	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	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°	14814	14814	14814	14814
5°	14920	14954	14920	11758
10°	14814	14730	14814	10531
15°	14647	14412	14647	12034
20°	14335	14034	14335	12059
25°	13703	13482	13703	11803
30°	12887	13024	12887	11243
35°	11483	12445	11483	10626
40°	9563	11764	9563	10160
45°	8539	10965	8539	9624
50°	9065	10014	9065	9086
55°	8520	8988	8520	8775
60°	8772	7634	8772	8038
65°	7941	6310	7941	7054
70°	5484	5029	5484	5913
75°	4793	3718	4793	4452
80°	3834	2458	3834	2676
85°	2158	1301	2158	1106

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13096 cd/sqm

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.2	1.9
10°-20°	613.7	5.3
20°-30°	948.8	8.2
30°-40°	1132.6	9.8
40°-50°	1139.2	9.8
50°-60°	991.3	8.6
60°-70°	702.8	6.1
70°-80°	371.8	3.2
80°-90°	95.8	0.8
90°-100°	404.5	3.5
100°-110°	1063.4	9.2
110°-120°	1102.7	9.5
120°-130°	884.5	7.6
130°-140°	694.0	6.0
140°-150°	532.7	4.6
150°-160°	383.6	3.3
160°-170°	234.7	2.0
170°-180°	79.3	0.7
0°-30°	1778.7	15.3
0°-40°	2911.3	25.1
0°-60°	5041.8	43.5
0°-90°	6212.2	53.6
90°-120°	2570.6	22.2
90°-150°	4681.7	40.4
90°-180°	5379.0	46.4
0°-180°	11591.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2395	2395	2395	2395	2395	
5°	2406	2481	2406	1951	2406	228
15°	2297	2458	2297	2053	2297	646
25°	2023	2293	2023	2007	2023	929
35°	1538	2046	1538	1747	1538	952
45°	992	1686	992	1479	992	795
55°	809	1244	809	1214	809	743
65°	562	750	562	838	562	537
75°	213	356	213	426	213	224
85°	36	91	36	77	36	49
90°	6	21	6	21	6	6
95°	54	244	54	244	54	59
105°	192	1665	192	1665	192	203
115°	340	2144	340	2144	340	336
125°	473	1708	473	1708	473	420
135°	564	1325	564	1325	564	436
145°	654	1075	654	1075	654	410
155°	740	926	740	926	740	340
165°	798	862	798	862	798	225
175°	830	835	830	835	830	79
180°	830	830	830	830	830	

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2415.1	2415.1	2428.7	2433.2	2433.2	2426.4	2419.6	2426.4	2446.8	2453.6	2451.3
5°	2406.1	2424.2	2449.1	2453.6	2458.2	2455.9	2451.3	2455.9	2478.5	2483.1	2485.3
7.5°	2387.9	2421.9	2453.6	2460.4	2467.2	2460.4	2458.2	2462.6	2485.3	2489.9	2489.9
10°	2365.3	2412.8	2449.1	2453.6	2460.4	2453.6	2453.6	2462.6	2485.3	2489.9	2492.1
12.5°	2333.6	2399.3	2433.2	2437.7	2446.8	2444.5	2442.3	2451.3	2474.0	2478.5	2478.5
15°	2297.3	2374.3	2406.1	2410.6	2426.4	2421.9	2421.9	2431.0	2455.9	2462.6	2460.4
17.5°	2247.4	2342.6	2378.8	2385.6	2397.0	2394.7	2397.0	2406.1	2428.7	2433.2	2435.5
20°	2190.8	2299.6	2342.6	2349.4	2360.7	2360.7	2360.7	2372.0	2394.7	2403.7	2403.7
22.5°	2113.8	2254.2	2299.6	2304.1	2317.7	2317.7	2322.2	2338.0	2358.5	2360.7	2360.7
25°	2023.1	2204.4	2242.9	2256.5	2270.1	2276.9	2283.7	2292.8	2299.6	2297.3	2299.6
27.5°	1928.0	2140.9	2190.8	2199.9	2218.0	2224.8	2233.9	2236.1	2238.4	2245.2	2240.7
30°	1821.5	2052.6	2127.4	2136.4	2165.9	2170.4	2161.4	2165.9	2177.2	2181.7	2186.3
32.5°	1701.4	1921.2	2061.7	2082.0	2109.3	2095.7	2093.4	2100.2	2118.3	2118.3	2122.8
35°	1538.3	1819.2	2000.5	2018.7	2039.0	2023.1	2032.2	2034.5	2045.8	2052.6	2050.3
37.5°	1359.4	1730.9	1937.1	1950.6	1966.5	1946.1	1959.7	1966.5	1975.5	1971.1	1971.1
40°	1200.8	1592.7	1862.3	1871.4	1884.9	1869.1	1882.7	1887.3	1891.7	1887.3	1884.9
42.5°	1082.9	1440.9	1783.0	1794.3	1785.2	1796.6	1801.1	1810.2	1803.4	1794.3	1794.3
45°	992.3	1400.2	1696.9	1710.5	1696.9	1715.1	1721.9	1721.9	1701.4	1696.9	1694.6
47.5°	962.9	1318.6	1610.8	1610.8	1604.0	1626.7	1638.0	1622.2	1601.7	1594.9	1594.9
50°	960.6	1228.0	1493.0	1484.0	1515.7	1542.9	1531.6	1515.7	1499.8	1474.9	1474.9
52.5°	872.3	1116.9	1341.3	1375.2	1425.1	1440.9	1422.7	1406.9	1379.7	1368.4	1359.4
55°	808.8	1001.3	1203.0	1271.0	1323.1	1343.5	1309.5	1293.7	1252.9	1246.1	1241.5
57.5°	795.2	833.7	1076.1	1162.3	1225.7	1223.4	1203.0	1173.5	1139.6	1132.8	1130.5
60°	729.5	602.6	940.2	1042.1	1107.8	1101.0	1082.9	1055.8	1024.0	1019.6	1015.0
62.5°	661.5	437.3	786.1	901.7	994.6	992.3	976.4	935.6	913.1	901.7	892.6
65°	561.9	367.0	559.6	749.9	883.6	888.1	854.1	824.7	799.8	786.1	783.9
67.5°	428.2	299.0	378.4	625.3	777.1	772.6	729.5	715.9	684.2	677.4	663.8
70°	317.1	199.4	262.8	507.5	672.9	661.5	627.6	611.7	582.3	566.4	557.4
72.5°	262.8	160.9	192.5	394.2	566.4	552.8	523.3	505.2	480.3	466.8	457.6
75°	213.0	170.0	147.3	292.2	459.9	450.9	423.6	405.5	385.2	367.0	369.3
77.5°	156.3	158.6	117.8	215.2	364.7	351.2	335.3	312.7	303.6	285.5	285.5
80°	117.8	124.6	88.4	147.3	262.8	262.8	249.2	233.3	217.5	208.4	208.4
82.5°	79.3	79.3	65.7	92.9	179.0	172.2	163.1	158.6	149.5	145.0	145.0
85°	36.2	45.3	40.8	56.7	97.4	101.9	101.9	97.4	95.2	90.6	92.9
87.5°	11.3	20.4	24.9	31.7	49.8	52.1	54.4	54.4	54.4	56.7	56.7
90°	5.5	10.0	14.5	15.6	24.5	36.4	42.3	37.6	28.2	21.2	21.2
92.5°	22.3	60.2	98.0	107.5	151.1	209.2	238.3	208.9	150.0	105.8	101.6
95°	53.5	122.7	192.1	209.4	371.9	588.4	696.7	621.7	471.7	359.2	346.4
97.5°	92.5	153.6	214.8	230.0	500.8	862.0	1042.6	995.2	900.4	829.2	805.0
100°	122.6	178.0	233.4	247.3	547.8	948.5	1148.9	1152.4	1159.3	1164.5	1135.6
102.5°	148.2	199.9	251.6	264.6	569.4	975.8	1179.0	1239.4	1360.2	1450.8	1426.0
105°	191.6	235.4	279.2	290.2	585.4	978.9	1175.7	1311.1	1581.8	1784.9	1771.6
107.5°	236.1	277.0	317.9	328.0	588.3	935.3	1108.8	1297.7	1675.4	1958.7	1961.9
110°	266.2	303.0	340.0	349.2	583.9	896.7	1053.1	1264.2	1686.5	2003.2	2017.1

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	295.7	330.9	366.1	374.8	584.0	863.0	1002.4	1218.5	1650.7	1974.8	1996.1
115°	340.3	372.7	405.1	413.2	589.4	824.2	941.7	1149.9	1566.3	1878.5	1908.1
117.5°	384.3	413.7	443.2	450.5	600.3	800.1	899.9	1087.8	1463.5	1745.3	1778.1
120°	409.9	437.7	465.3	472.3	609.3	791.9	883.2	1054.9	1398.2	1655.7	1687.5
122.5°	435.0	462.9	490.9	497.9	622.1	787.6	870.5	1025.1	1334.2	1566.0	1597.4
125°	473.4	498.9	524.4	530.8	639.4	784.2	856.6	987.9	1250.5	1447.5	1476.4
127.5°	504.6	530.3	556.1	562.5	656.6	782.1	844.9	957.6	1183.1	1352.2	1376.6
130°	521.3	549.1	576.7	583.7	669.3	783.4	840.4	940.7	1141.5	1292.1	1314.6
132.5°	538.5	566.3	593.9	600.9	679.5	784.2	836.5	926.4	1106.0	1240.8	1261.0
135°	564.1	589.4	614.7	621.0	690.6	783.4	829.8	905.0	1055.5	1168.4	1185.8
137.5°	590.3	615.3	640.4	646.6	707.3	788.3	828.7	892.4	1019.6	1115.0	1129.2
140°	612.1	635.1	658.1	663.8	717.5	789.0	824.8	879.8	989.6	1072.0	1085.3
142.5°	628.8	650.1	671.3	676.7	726.1	791.8	824.8	873.1	969.6	1042.0	1053.4
145°	654.4	672.9	691.5	696.2	737.2	791.9	819.2	858.7	937.7	996.9	1005.5
147.5°	680.0	698.0	716.1	720.6	753.5	797.3	819.2	850.3	912.4	959.0	966.2
150°	696.7	713.0	729.4	733.5	762.0	800.1	819.2	845.5	897.9	937.3	943.1
152.5°	714.0	726.4	738.7	741.9	767.7	802.0	819.2	841.7	886.5	920.0	924.4
155°	739.6	748.7	757.8	760.2	779.9	806.1	819.2	837.1	872.7	899.4	902.3
157.5°	758.5	767.5	776.3	778.5	792.1	810.2	819.2	833.1	860.8	881.6	883.7
160°	771.3	778.3	785.2	786.9	797.7	812.1	819.2	831.1	854.9	872.7	873.9
162.5°	784.2	789.3	794.5	795.9	803.6	814.1	819.2	829.2	849.3	864.3	865.4
165°	798.1	802.7	807.5	808.6	812.2	816.9	819.2	826.4	840.8	851.6	852.7
167.5°	810.9	813.1	815.3	815.9	818.8	822.8	824.8	829.5	838.9	845.9	846.5
170°	819.2	821.5	823.7	824.2	824.4	824.7	824.8	829.5	838.9	845.9	845.9
172.5°	823.7	824.2	824.7	824.8	824.8	824.8	824.8	828.5	835.9	841.5	841.0
175°	829.8	829.8	829.8	829.8	828.1	825.9	824.8	827.1	831.8	835.4	835.4
177.5°	829.8	829.8	829.8	829.8	828.5	826.8	825.9	827.8	831.5	834.2	833.7
180°	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2455.9	2449.1	2455.9	2451.3	2453.6	2446.8	2426.4	2419.6	2426.4	2433.2	2433.2
5°	2485.3	2480.8	2485.3	2485.3	2483.1	2478.5	2455.9	2451.3	2455.9	2458.2	2453.6
7.5°	2494.4	2487.6	2494.4	2489.9	2489.9	2485.3	2462.6	2458.2	2460.4	2467.2	2460.4
10°	2494.4	2487.6	2494.4	2492.1	2489.9	2485.3	2462.6	2453.6	2453.6	2460.4	2453.6
12.5°	2483.1	2478.5	2483.1	2478.5	2478.5	2474.0	2451.3	2442.3	2444.5	2446.8	2437.7
15°	2465.0	2458.2	2465.0	2460.4	2462.6	2455.9	2431.0	2421.9	2421.9	2426.4	2410.6
17.5°	2437.7	2428.7	2437.7	2435.5	2433.2	2428.7	2406.1	2397.0	2394.7	2397.0	2385.6
20°	2406.1	2399.3	2406.1	2403.7	2403.7	2394.7	2372.0	2360.7	2360.7	2360.7	2349.4
22.5°	2356.2	2349.4	2356.2	2360.7	2360.7	2358.5	2338.0	2322.2	2317.7	2317.7	2304.1
25°	2299.6	2292.8	2299.6	2299.6	2297.3	2299.6	2292.8	2283.7	2276.9	2270.1	2256.5
27.5°	2245.2	2240.7	2245.2	2240.7	2245.2	2238.4	2236.1	2233.9	2224.8	2218.0	2199.9
30°	2190.8	2186.3	2190.8	2186.3	2181.7	2177.2	2165.9	2161.4	2170.4	2165.9	2136.4
32.5°	2122.8	2118.3	2122.8	2122.8	2118.3	2118.3	2100.2	2093.4	2095.7	2109.3	2082.0
35°	2052.6	2045.8	2052.6	2050.3	2052.6	2045.8	2034.5	2032.2	2023.1	2039.0	2018.7
37.5°	1971.1	1964.2	1971.1	1971.1	1971.1	1975.5	1966.5	1959.7	1946.1	1966.5	1950.6
40°	1887.3	1878.2	1887.3	1884.9	1887.3	1891.7	1887.3	1882.7	1869.1	1884.9	1871.4
42.5°	1792.1	1789.8	1792.1	1794.3	1794.3	1803.4	1810.2	1801.1	1796.6	1785.2	1794.3
45°	1690.1	1685.6	1690.1	1694.6	1696.9	1701.4	1721.9	1721.9	1715.1	1696.9	1710.5
47.5°	1581.4	1570.0	1581.4	1594.9	1594.9	1601.7	1622.2	1638.0	1626.7	1604.0	1610.8
50°	1465.9	1468.1	1465.9	1474.9	1474.9	1499.8	1515.7	1531.6	1542.9	1515.7	1484.0
52.5°	1352.6	1350.3	1352.6	1359.4	1368.4	1379.7	1406.9	1422.7	1440.9	1425.1	1375.2
55°	1239.2	1243.8	1239.2	1241.5	1246.1	1252.9	1293.7	1309.5	1343.5	1323.1	1271.0
57.5°	1126.0	1119.2	1126.0	1130.5	1132.8	1139.6	1173.5	1203.0	1223.4	1225.7	1162.3
60°	994.6	985.5	994.6	1015.0	1019.6	1024.0	1055.8	1082.9	1101.0	1107.8	1042.1
62.5°	879.1	863.2	879.1	892.6	901.7	913.1	935.6	976.4	992.3	994.6	901.7
65°	756.7	749.9	756.7	783.9	786.1	799.8	824.7	854.1	888.1	883.6	749.9
67.5°	645.7	645.7	645.7	663.8	677.4	684.2	715.9	729.5	772.6	777.1	625.3
70°	543.7	541.5	543.7	557.4	566.4	582.3	611.7	627.6	661.5	672.9	507.5
72.5°	446.3	444.1	446.3	457.6	466.8	480.3	505.2	523.3	552.8	566.4	394.2
75°	360.3	355.7	360.3	369.3	367.0	385.2	405.5	423.6	450.9	459.9	292.2
77.5°	276.4	276.4	276.4	285.5	285.5	303.6	312.7	335.3	351.2	364.7	215.2
80°	206.2	203.9	206.2	208.4	208.4	217.5	233.3	249.2	262.8	262.8	147.3
82.5°	145.0	140.5	145.0	145.0	145.0	149.5	158.6	163.1	172.2	179.0	92.9
85°	90.6	90.6	90.6	92.9	90.6	95.2	97.4	101.9	101.9	97.4	56.7
87.5°	58.9	56.7	58.9	56.7	56.7	54.4	54.4	54.4	52.1	49.8	31.7
90°	21.2	21.2	21.2	21.2	21.2	28.2	37.6	42.3	36.4	24.5	15.6
92.5°	84.7	67.9	84.7	101.6	105.8	150.0	208.9	238.3	209.2	151.1	107.5
95°	295.5	244.5	295.5	346.4	359.2	471.7	621.7	696.7	588.4	371.9	209.4
97.5°	707.9	610.9	707.9	805.0	829.2	900.4	995.2	1042.6	862.0	500.8	230.0
100°	1020.0	904.4	1020.0	1135.6	1164.5	1159.3	1152.4	1148.9	948.5	547.8	247.3
102.5°	1327.0	1228.0	1327.0	1426.0	1450.8	1360.2	1239.4	1179.0	975.8	569.4	264.6
105°	1718.4	1665.2	1718.4	1771.6	1784.9	1581.8	1311.1	1175.7	978.9	585.4	290.2
107.5°	1974.8	1987.7	1974.8	1961.9	1958.7	1675.4	1297.7	1108.8	935.3	588.3	328.0
110°	2072.6	2128.0	2072.6	2017.1	2003.2	1686.5	1264.2	1053.1	896.7	583.9	349.2



TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2081.2	2166.4	2081.2	1996.1	1974.8	1650.7	1218.5	1002.4	863.0	584.0	374.8
115°	2026.1	2144.2	2026.1	1908.1	1878.5	1566.3	1149.9	941.7	824.2	589.4	413.2
117.5°	1909.0	2040.0	1909.0	1778.1	1745.3	1463.5	1087.8	899.9	800.1	600.3	450.5
120°	1814.8	1942.0	1814.8	1687.5	1655.7	1398.2	1054.9	883.2	791.9	609.3	472.3
122.5°	1722.9	1848.4	1722.9	1597.4	1566.0	1334.2	1025.1	870.5	787.6	622.1	497.9
125°	1591.9	1707.5	1591.9	1476.4	1447.5	1250.5	987.9	856.6	784.2	639.4	530.8
127.5°	1474.2	1571.6	1474.2	1376.6	1352.2	1183.1	957.6	844.9	782.1	656.6	562.5
130°	1404.7	1494.8	1404.7	1314.6	1292.1	1141.5	940.7	840.4	783.4	669.3	583.7
132.5°	1341.7	1422.4	1341.7	1261.0	1240.8	1106.0	926.4	836.5	784.2	679.5	600.9
135°	1255.4	1324.9	1255.4	1185.8	1168.4	1055.5	905.0	829.8	783.4	690.6	621.0
137.5°	1186.1	1243.1	1186.1	1129.2	1115.0	1019.6	892.4	828.7	788.3	707.3	646.6
140°	1138.6	1191.8	1138.6	1085.3	1072.0	989.6	879.8	824.8	789.0	717.5	663.8
142.5°	1099.3	1145.1	1099.3	1053.4	1042.0	969.6	873.1	824.8	791.8	726.1	676.7
145°	1040.3	1074.9	1040.3	1005.5	996.9	937.7	858.7	819.2	791.9	737.2	696.2
147.5°	994.9	1023.7	994.9	966.2	959.0	912.4	850.3	819.2	797.3	753.5	720.6
150°	966.4	989.6	966.4	943.1	937.3	897.9	845.5	819.2	800.1	762.0	733.5
152.5°	942.0	959.6	942.0	924.4	920.0	886.5	841.7	819.2	802.0	767.7	741.9
155°	914.0	925.6	914.0	902.3	899.4	872.7	837.1	819.2	806.1	779.9	760.2
157.5°	891.8	899.9	891.8	883.7	881.6	860.8	833.1	819.2	810.2	792.1	778.5
160°	878.6	883.2	878.6	873.9	872.7	854.9	831.1	819.2	812.1	797.7	786.9
162.5°	869.9	874.3	869.9	865.4	864.3	849.3	829.2	819.2	814.1	803.6	795.9
165°	857.5	862.1	857.5	852.7	851.6	840.8	826.4	819.2	816.9	812.2	808.6
167.5°	848.4	850.4	848.4	846.5	845.9	838.9	829.5	824.8	822.8	818.8	815.9
170°	845.9	845.9	845.9	845.9	845.9	838.9	829.5	824.8	824.7	824.4	824.2
172.5°	839.3	837.6	839.3	841.0	841.5	835.9	828.5	824.8	824.8	824.8	824.8
175°	835.4	835.4	835.4	835.4	835.4	831.8	827.1	824.8	825.9	828.1	829.8
177.5°	831.7	829.8	831.7	833.7	834.2	831.5	827.8	825.9	826.8	828.5	829.8
180°	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2428.7	2415.1	2415.1	2392.5	2383.4	2376.6	2365.3	2331.3	2322.2	2313.1	2326.7
5°	2449.1	2424.2	2406.1	2365.3	2331.3	2317.7	2274.7	2193.1	2138.7	2097.9	2075.3
7.5°	2453.6	2421.9	2387.9	2324.5	2242.9	2206.6	2075.3	1925.7	1884.9	1848.7	1826.0
10°	2449.1	2412.8	2365.3	2270.1	2077.6	2014.1	1882.7	1785.2	1760.3	1753.6	1760.3
12.5°	2433.2	2399.3	2333.6	2175.0	1905.4	1862.3	1785.2	1728.6	1724.1	1735.4	1796.6
15°	2406.1	2374.3	2297.3	2048.1	1810.2	1778.5	1724.1	1703.7	1728.6	1807.9	1991.4
17.5°	2378.8	2342.6	2247.4	1923.5	1737.7	1715.1	1676.5	1717.3	1857.8	1964.2	2025.4
20°	2342.6	2299.6	2190.8	1832.8	1685.6	1665.2	1647.1	1830.6	1937.1	1975.5	2009.6
22.5°	2299.6	2254.2	2113.8	1769.4	1631.2	1615.4	1626.7	1894.1	1937.1	1964.2	1993.7
25°	2242.9	2204.4	2023.1	1719.5	1588.1	1570.0	1613.1	1887.3	1912.2	1919.0	1977.9
27.5°	2190.8	2140.9	1928.0	1674.3	1536.0	1529.2	1624.4	1857.8	1875.9	1882.7	1946.1
30°	2127.4	2052.6	1821.5	1626.7	1481.7	1479.4	1626.7	1821.5	1817.0	1835.1	1898.5
32.5°	2061.7	1921.2	1701.4	1567.8	1429.6	1427.3	1610.8	1767.1	1762.7	1787.6	1835.1
35°	2000.5	1819.2	1538.3	1499.8	1363.8	1366.2	1572.4	1703.7	1706.0	1728.6	1758.1
37.5°	1937.1	1730.9	1359.4	1425.1	1300.5	1300.5	1520.2	1644.8	1640.3	1647.1	1687.9
40°	1862.3	1592.7	1200.8	1327.6	1241.5	1234.8	1456.8	1581.4	1565.5	1563.2	1619.9
42.5°	1783.0	1440.9	1082.9	1198.5	1173.5	1164.5	1379.7	1504.3	1474.9	1481.7	1554.1
45°	1696.9	1400.2	992.3	1012.7	1103.4	1096.5	1295.9	1416.0	1395.6	1413.7	1488.4
47.5°	1610.8	1318.6	962.9	840.5	1028.6	1026.3	1203.0	1329.9	1318.6	1336.7	1416.0
50°	1493.0	1228.0	960.6	720.4	944.7	953.8	1092.0	1246.1	1246.1	1261.9	1345.7
52.5°	1341.3	1116.9	872.3	652.5	847.4	874.5	994.6	1173.5	1178.1	1194.0	1268.7
55°	1203.0	1001.3	808.8	600.4	731.8	790.7	899.4	1098.8	1107.8	1123.7	1191.6
57.5°	1076.1	833.7	795.2	539.2	625.3	682.0	815.6	1026.3	1030.8	1044.5	1110.2
60°	940.2	602.6	729.5	473.5	532.4	575.5	738.6	940.2	956.1	965.1	1021.8
62.5°	786.1	437.3	661.5	428.2	487.1	496.1	675.2	858.6	879.1	885.8	919.8
65°	559.6	367.0	561.9	389.7	439.5	441.8	607.2	774.8	792.9	804.3	829.2
67.5°	378.4	299.0	428.2	353.4	403.3	405.5	541.5	677.4	702.3	711.4	727.2
70°	262.8	199.4	317.1	314.9	362.5	367.0	471.2	589.0	611.7	618.5	627.6
72.5°	192.5	160.9	262.8	283.2	319.5	324.0	398.7	489.3	512.0	518.8	523.3
75°	147.3	170.0	213.0	247.0	271.9	274.1	326.3	398.7	414.6	419.2	421.4
77.5°	117.8	158.6	156.3	199.4	222.0	217.5	256.0	308.1	321.7	321.7	321.7
80°	88.4	124.6	117.8	142.7	163.1	158.6	183.5	219.8	224.3	228.8	226.5
82.5°	65.7	79.3	79.3	90.6	108.7	104.3	122.4	142.7	142.7	142.7	147.3
85°	40.8	45.3	36.2	47.6	61.1	58.9	67.9	77.0	79.3	79.3	74.8
87.5°	24.9	20.4	11.3	18.1	27.2	27.2	31.7	34.0	31.7	31.7	31.7
90°	14.5	10.0	5.5	10.0	14.5	15.6	24.5	36.4	42.3	37.6	28.2
92.5°	98.0	60.2	22.3	60.2	98.0	107.5	151.1	209.2	238.3	208.9	150.0
95°	192.1	122.7	53.5	122.7	192.1	209.4	371.9	588.4	696.7	621.7	471.7
97.5°	214.8	153.6	92.5	153.6	214.8	230.0	500.8	862.0	1042.6	995.2	900.4
100°	233.4	178.0	122.6	178.0	233.4	247.3	547.8	948.5	1148.9	1152.4	1159.3
102.5°	251.6	199.9	148.2	199.9	251.6	264.6	569.4	975.8	1179.0	1239.4	1360.2
105°	279.2	235.4	191.6	235.4	279.2	290.2	585.4	978.9	1175.7	1311.1	1581.8
107.5°	317.9	277.0	236.1	277.0	317.9	328.0	588.3	935.3	1108.8	1297.7	1675.4
110°	340.0	303.0	266.2	303.0	340.0	349.2	583.9	896.7	1053.1	1264.2	1686.5

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	366.1	330.9	295.7	330.9	366.1	374.8	584.0	863.0	1002.4	1218.5	1650.7
115°	405.1	372.7	340.3	372.7	405.1	413.2	589.4	824.2	941.7	1149.9	1566.3
117.5°	443.2	413.7	384.3	413.7	443.2	450.5	600.3	800.1	899.9	1087.8	1463.5
120°	465.3	437.7	409.9	437.7	465.3	472.3	609.3	791.9	883.2	1054.9	1398.2
122.5°	490.9	462.9	435.0	462.9	490.9	497.9	622.1	787.6	870.5	1025.1	1334.2
125°	524.4	498.9	473.4	498.9	524.4	530.8	639.4	784.2	856.6	987.9	1250.5
127.5°	556.1	530.3	504.6	530.3	556.1	562.5	656.6	782.1	844.9	957.6	1183.1
130°	576.7	549.1	521.3	549.1	576.7	583.7	669.3	783.4	840.4	940.7	1141.5
132.5°	593.9	566.3	538.5	566.3	593.9	600.9	679.5	784.2	836.5	926.4	1106.0
135°	614.7	589.4	564.1	589.4	614.7	621.0	690.6	783.4	829.8	905.0	1055.5
137.5°	640.4	615.3	590.3	615.3	640.4	646.6	707.3	788.3	828.7	892.4	1019.6
140°	658.1	635.1	612.1	635.1	658.1	663.8	717.5	789.0	824.8	879.8	989.6
142.5°	671.3	650.1	628.8	650.1	671.3	676.7	726.1	791.8	824.8	873.1	969.6
145°	691.5	672.9	654.4	672.9	691.5	696.2	737.2	791.9	819.2	858.7	937.7
147.5°	716.1	698.0	680.0	698.0	716.1	720.6	753.5	797.3	819.2	850.3	912.4
150°	729.4	713.0	696.7	713.0	729.4	733.5	762.0	800.1	819.2	845.5	897.9
152.5°	738.7	726.4	714.0	726.4	738.7	741.9	767.7	802.0	819.2	841.7	886.5
155°	757.8	748.7	739.6	748.7	757.8	760.2	779.9	806.1	819.2	837.1	872.7
157.5°	776.3	767.5	758.5	767.5	776.3	778.5	792.1	810.2	819.2	833.1	860.8
160°	785.2	778.3	771.3	778.3	785.2	786.9	797.7	812.1	819.2	831.1	854.9
162.5°	794.5	789.3	784.2	789.3	794.5	795.9	803.6	814.1	819.2	829.2	849.3
165°	807.5	802.7	798.1	802.7	807.5	808.6	812.2	816.9	819.2	826.4	840.8
167.5°	815.3	813.1	810.9	813.1	815.3	815.9	818.8	822.8	824.8	829.5	838.9
170°	823.7	821.5	819.2	821.5	823.7	824.2	824.4	824.7	824.8	829.5	838.9
172.5°	824.7	824.2	823.7	824.2	824.7	824.8	824.8	824.8	824.8	828.5	835.9
175°	829.8	829.8	829.8	829.8	829.8	829.8	828.1	825.9	824.8	827.1	831.8
177.5°	829.8	829.8	829.8	829.8	829.8	829.8	828.5	826.8	825.9	827.8	831.5
180°	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2310.9	2304.1	2313.1	2288.2	2313.1	2304.1	2310.9	2326.7	2313.1	2322.2	2331.3
5°	2027.7	2016.3	1980.1	1950.6	1980.1	2016.3	2027.7	2075.3	2097.9	2138.7	2193.1
7.5°	1812.5	1803.4	1794.3	1776.2	1794.3	1803.4	1812.5	1826.0	1848.7	1884.9	1925.7
10°	1764.9	1767.1	1780.8	1778.5	1780.8	1767.1	1764.9	1760.3	1753.6	1760.3	1785.2
12.5°	1887.3	1907.6	1982.4	1977.9	1982.4	1907.6	1887.3	1796.6	1735.4	1724.1	1728.6
15°	2027.7	2034.5	2050.3	2052.6	2050.3	2034.5	2027.7	1991.4	1807.9	1728.6	1703.7
17.5°	2041.2	2043.6	2054.9	2054.9	2054.9	2043.6	2041.2	2025.4	1964.2	1857.8	1717.3
20°	2030.0	2034.5	2057.1	2061.7	2057.1	2034.5	2030.0	2009.6	1975.5	1937.1	1830.6
22.5°	2025.4	2034.5	2052.6	2050.3	2052.6	2034.5	2025.4	1993.7	1964.2	1937.1	1894.1
25°	2002.8	2002.8	2005.0	2007.3	2005.0	2002.8	2002.8	1977.9	1919.0	1912.2	1887.3
27.5°	1955.2	1959.7	1973.3	1971.1	1973.3	1959.7	1955.2	1946.1	1882.7	1875.9	1857.8
30°	1912.2	1907.6	1896.3	1887.3	1896.3	1907.6	1912.2	1898.5	1835.1	1817.0	1821.5
32.5°	1839.7	1828.4	1817.0	1810.2	1817.0	1828.4	1839.7	1835.1	1787.6	1762.7	1767.1
35°	1753.6	1755.8	1753.6	1746.8	1753.6	1755.8	1753.6	1758.1	1728.6	1706.0	1703.7
37.5°	1692.4	1696.9	1694.6	1685.6	1694.6	1696.9	1692.4	1687.9	1647.1	1640.3	1644.8
40°	1628.9	1631.2	1628.9	1622.2	1628.9	1631.2	1628.9	1619.9	1563.2	1565.5	1581.4
42.5°	1567.8	1565.5	1558.7	1554.1	1558.7	1565.5	1567.8	1554.1	1481.7	1474.9	1504.3
45°	1497.5	1499.8	1486.2	1479.4	1486.2	1499.8	1497.5	1488.4	1413.7	1395.6	1416.0
47.5°	1427.3	1427.3	1416.0	1409.2	1416.0	1427.3	1427.3	1416.0	1336.7	1318.6	1329.9
50°	1352.6	1350.3	1334.5	1332.1	1334.5	1350.3	1352.6	1345.7	1261.9	1246.1	1246.1
52.5°	1266.4	1266.4	1268.7	1273.2	1268.7	1266.4	1266.4	1268.7	1194.0	1178.1	1173.5
55°	1191.6	1194.0	1209.9	1214.3	1209.9	1194.0	1191.6	1191.6	1123.7	1107.8	1098.8
57.5°	1114.7	1114.7	1126.0	1126.0	1126.0	1114.7	1114.7	1110.2	1044.5	1030.8	1026.3
60°	1026.3	1030.8	1039.9	1037.7	1039.9	1030.8	1026.3	1021.8	965.1	956.1	940.2
62.5°	933.4	938.0	940.2	935.6	940.2	938.0	933.4	919.8	885.8	879.1	858.6
65°	836.0	840.5	842.8	838.3	842.8	840.5	836.0	829.2	804.3	792.9	774.8
67.5°	736.3	734.0	731.8	740.9	731.8	734.0	736.3	727.2	711.4	702.3	677.4
70°	634.4	634.4	632.1	636.6	632.1	634.4	634.4	627.6	618.5	611.7	589.0
72.5°	525.6	523.3	532.4	525.6	532.4	523.3	525.6	523.3	518.8	512.0	489.3
75°	419.2	423.6	419.2	426.0	419.2	423.6	419.2	421.4	419.2	414.6	398.7
77.5°	319.5	324.0	319.5	319.5	319.5	324.0	319.5	321.7	321.7	321.7	308.1
80°	226.5	224.3	224.3	222.0	224.3	224.3	226.5	226.5	228.8	224.3	219.8
82.5°	145.0	142.7	142.7	147.3	142.7	142.7	145.0	147.3	142.7	142.7	142.7
85°	79.3	81.6	77.0	77.0	77.0	81.6	79.3	74.8	79.3	79.3	77.0
87.5°	29.5	27.2	27.2	27.2	27.2	27.2	29.5	31.7	31.7	31.7	34.0
90°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	28.2	37.6	42.3	36.4
92.5°	105.8	101.6	84.7	67.9	84.7	101.6	105.8	150.0	208.9	238.3	209.2
95°	359.2	346.4	295.5	244.5	295.5	346.4	359.2	471.7	621.7	696.7	588.4
97.5°	829.2	805.0	707.9	610.9	707.9	805.0	829.2	900.4	995.2	1042.6	862.0
100°	1164.5	1135.6	1020.0	904.4	1020.0	1135.6	1164.5	1159.3	1152.4	1148.9	948.5
102.5°	1450.8	1426.0	1327.0	1228.0	1327.0	1426.0	1450.8	1360.2	1239.4	1179.0	975.8
105°	1784.9	1771.6	1718.4	1665.2	1718.4	1771.6	1784.9	1581.8	1311.1	1175.7	978.9
107.5°	1958.7	1961.9	1974.8	1987.7	1974.8	1961.9	1958.7	1675.4	1297.7	1108.8	935.3
110°	2003.2	2017.1	2072.6	2128.0	2072.6	2017.1	2003.2	1686.5	1264.2	1053.1	896.7

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1974.8	1996.1	2081.2	2166.4	2081.2	1996.1	1974.8	1650.7	1218.5	1002.4	863.0
115°	1878.5	1908.1	2026.1	2144.2	2026.1	1908.1	1878.5	1566.3	1149.9	941.7	824.2
117.5°	1745.3	1778.1	1909.0	2040.0	1909.0	1778.1	1745.3	1463.5	1087.8	899.9	800.1
120°	1655.7	1687.5	1814.8	1942.0	1814.8	1687.5	1655.7	1398.2	1054.9	883.2	791.9
122.5°	1566.0	1597.4	1722.9	1848.4	1722.9	1597.4	1566.0	1334.2	1025.1	870.5	787.6
125°	1447.5	1476.4	1591.9	1707.5	1591.9	1476.4	1447.5	1250.5	987.9	856.6	784.2
127.5°	1352.2	1376.6	1474.2	1571.6	1474.2	1376.6	1352.2	1183.1	957.6	844.9	782.1
130°	1292.1	1314.6	1404.7	1494.8	1404.7	1314.6	1292.1	1141.5	940.7	840.4	783.4
132.5°	1240.8	1261.0	1341.7	1422.4	1341.7	1261.0	1240.8	1106.0	926.4	836.5	784.2
135°	1168.4	1185.8	1255.4	1324.9	1255.4	1185.8	1168.4	1055.5	905.0	829.8	783.4
137.5°	1115.0	1129.2	1186.1	1243.1	1186.1	1129.2	1115.0	1019.6	892.4	828.7	788.3
140°	1072.0	1085.3	1138.6	1191.8	1138.6	1085.3	1072.0	989.6	879.8	824.8	789.0
142.5°	1042.0	1053.4	1099.3	1145.1	1099.3	1053.4	1042.0	969.6	873.1	824.8	791.8
145°	996.9	1005.5	1040.3	1074.9	1040.3	1005.5	996.9	937.7	858.7	819.2	791.9
147.5°	959.0	966.2	994.9	1023.7	994.9	966.2	959.0	912.4	850.3	819.2	797.3
150°	937.3	943.1	966.4	989.6	966.4	943.1	937.3	897.9	845.5	819.2	800.1
152.5°	920.0	924.4	942.0	959.6	942.0	924.4	920.0	886.5	841.7	819.2	802.0
155°	899.4	902.3	914.0	925.6	914.0	902.3	899.4	872.7	837.1	819.2	806.1
157.5°	881.6	883.7	891.8	899.9	891.8	883.7	881.6	860.8	833.1	819.2	810.2
160°	872.7	873.9	878.6	883.2	878.6	873.9	872.7	854.9	831.1	819.2	812.1
162.5°	864.3	865.4	869.9	874.3	869.9	865.4	864.3	849.3	829.2	819.2	814.1
165°	851.6	852.7	857.5	862.1	857.5	852.7	851.6	840.8	826.4	819.2	816.9
167.5°	845.9	846.5	848.4	850.4	848.4	846.5	845.9	838.9	829.5	824.8	822.8
170°	845.9	845.9	845.9	845.9	845.9	845.9	845.9	838.9	829.5	824.8	824.7
172.5°	841.5	841.0	839.3	837.6	839.3	841.0	841.5	835.9	828.5	824.8	824.8
175°	835.4	835.4	835.4	835.4	835.4	835.4	835.4	831.8	827.1	824.8	825.9
177.5°	834.2	833.7	831.7	829.8	831.7	833.7	834.2	831.5	827.8	825.9	826.8
180°	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8	829.8

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2365.3	2376.6	2383.4	2392.5	2415.1
5°	2274.7	2317.7	2331.3	2365.3	2406.1
7.5°	2075.3	2206.6	2242.9	2324.5	2387.9
10°	1882.7	2014.1	2077.6	2270.1	2365.3
12.5°	1785.2	1862.3	1905.4	2175.0	2333.6
15°	1724.1	1778.5	1810.2	2048.1	2297.3
17.5°	1676.5	1715.1	1737.7	1923.5	2247.4
20°	1647.1	1665.2	1685.6	1832.8	2190.8
22.5°	1626.7	1615.4	1631.2	1769.4	2113.8
25°	1613.1	1570.0	1588.1	1719.5	2023.1
27.5°	1624.4	1529.2	1536.0	1674.3	1928.0
30°	1626.7	1479.4	1481.7	1626.7	1821.5
32.5°	1610.8	1427.3	1429.6	1567.8	1701.4
35°	1572.4	1366.2	1363.8	1499.8	1538.3
37.5°	1520.2	1300.5	1300.5	1425.1	1359.4
40°	1456.8	1234.8	1241.5	1327.6	1200.8
42.5°	1379.7	1164.5	1173.5	1198.5	1082.9
45°	1295.9	1096.5	1103.4	1012.7	992.3
47.5°	1203.0	1026.3	1028.6	840.5	962.9
50°	1092.0	953.8	944.7	720.4	960.6
52.5°	994.6	874.5	847.4	652.5	872.3
55°	899.4	790.7	731.8	600.4	808.8
57.5°	815.6	682.0	625.3	539.2	795.2
60°	738.6	575.5	532.4	473.5	729.5
62.5°	675.2	496.1	487.1	428.2	661.5
65°	607.2	441.8	439.5	389.7	561.9
67.5°	541.5	405.5	403.3	353.4	428.2
70°	471.2	367.0	362.5	314.9	317.1
72.5°	398.7	324.0	319.5	283.2	262.8
75°	326.3	274.1	271.9	247.0	213.0
77.5°	256.0	217.5	222.0	199.4	156.3
80°	183.5	158.6	163.1	142.7	117.8
82.5°	122.4	104.3	108.7	90.6	79.3
85°	67.9	58.9	61.1	47.6	36.2
87.5°	31.7	27.2	27.2	18.1	11.3
90°	24.5	15.6	14.5	10.0	5.5
92.5°	151.1	107.5	98.0	60.2	22.3
95°	371.9	209.4	192.1	122.7	53.5
97.5°	500.8	230.0	214.8	153.6	92.5
100°	547.8	247.3	233.4	178.0	122.6
102.5°	569.4	264.6	251.6	199.9	148.2
105°	585.4	290.2	279.2	235.4	191.6
107.5°	588.3	328.0	317.9	277.0	236.1
110°	583.9	349.2	340.0	303.0	266.2



TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	584.0	374.8	366.1	330.9	295.7
115°	589.4	413.2	405.1	372.7	340.3
117.5°	600.3	450.5	443.2	413.7	384.3
120°	609.3	472.3	465.3	437.7	409.9
122.5°	622.1	497.9	490.9	462.9	435.0
125°	639.4	530.8	524.4	498.9	473.4
127.5°	656.6	562.5	556.1	530.3	504.6
130°	669.3	583.7	576.7	549.1	521.3
132.5°	679.5	600.9	593.9	566.3	538.5
135°	690.6	621.0	614.7	589.4	564.1
137.5°	707.3	646.6	640.4	615.3	590.3
140°	717.5	663.8	658.1	635.1	612.1
142.5°	726.1	676.7	671.3	650.1	628.8
145°	737.2	696.2	691.5	672.9	654.4
147.5°	753.5	720.6	716.1	698.0	680.0
150°	762.0	733.5	729.4	713.0	696.7
152.5°	767.7	741.9	738.7	726.4	714.0
155°	779.9	760.2	757.8	748.7	739.6
157.5°	792.1	778.5	776.3	767.5	758.5
160°	797.7	786.9	785.2	778.3	771.3
162.5°	803.6	795.9	794.5	789.3	784.2
165°	812.2	808.6	807.5	802.7	798.1
167.5°	818.8	815.9	815.3	813.1	810.9
170°	824.4	824.2	823.7	821.5	819.2
172.5°	824.8	824.8	824.7	824.2	823.7
175°	828.1	829.8	829.8	829.8	829.8
177.5°	828.5	829.8	829.8	829.8	829.8
180°	829.8	829.8	829.8	829.8	829.8

TEST NUMBER: P935339

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-3500K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.49	15.39	15.42	16.33	17.55	17.32	18.21	18.24	19.16	20.38
	3H	14.97	15.78	15.91	16.73	17.97	18.66	19.47	19.60	20.42	21.66
	4H	15.17	15.92	16.12	16.88	18.13	19.11	19.87	20.06	20.83	22.08
	6H	15.29	15.99	16.25	16.95	18.21	19.39	20.09	20.36	21.06	22.32
	8H	15.29	15.95	16.26	16.93	18.20	19.47	20.13	20.44	21.11	22.38
	12H	15.26	15.89	16.24	16.87	18.16	19.51	20.14	20.48	21.12	22.40
4H	2H	15.53	16.29	16.49	17.25	18.50	17.73	18.49	18.69	19.45	20.70
	3H	16.56	17.19	17.53	18.18	19.44	19.24	19.87	20.21	20.86	22.12
	4H	16.84	17.41	17.81	18.40	19.69	19.77	20.34	20.74	21.33	22.62
	6H	16.96	17.46	17.95	18.47	19.75	20.13	20.63	21.12	21.64	22.92
	8H	16.97	17.43	17.96	18.43	19.74	20.24	20.70	21.23	21.70	23.01
	12H	16.94	17.36	17.95	18.37	19.68	20.30	20.72	21.31	21.73	23.04
8H	4H	17.29	17.76	18.28	18.75	20.06	19.89	20.36	20.89	21.36	22.66
	6H	17.56	17.94	18.57	18.98	20.28	20.33	20.72	21.35	21.75	23.06
	8H	17.60	17.94	18.62	18.96	20.28	20.48	20.82	21.51	21.85	23.17
	12H	17.58	17.88	18.61	18.90	20.27	20.58	20.88	21.61	21.90	23.26
12H	4H	17.30	17.72	18.31	18.73	20.04	19.86	20.28	20.87	21.29	22.60
	6H	17.62	17.95	18.64	18.98	20.30	20.33	20.67	21.35	21.69	23.01
	8H	17.68	17.98	18.71	19.00	20.37	20.49	20.79	21.52	21.81	23.17

END OF REPORT