

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: P934845

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934845
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

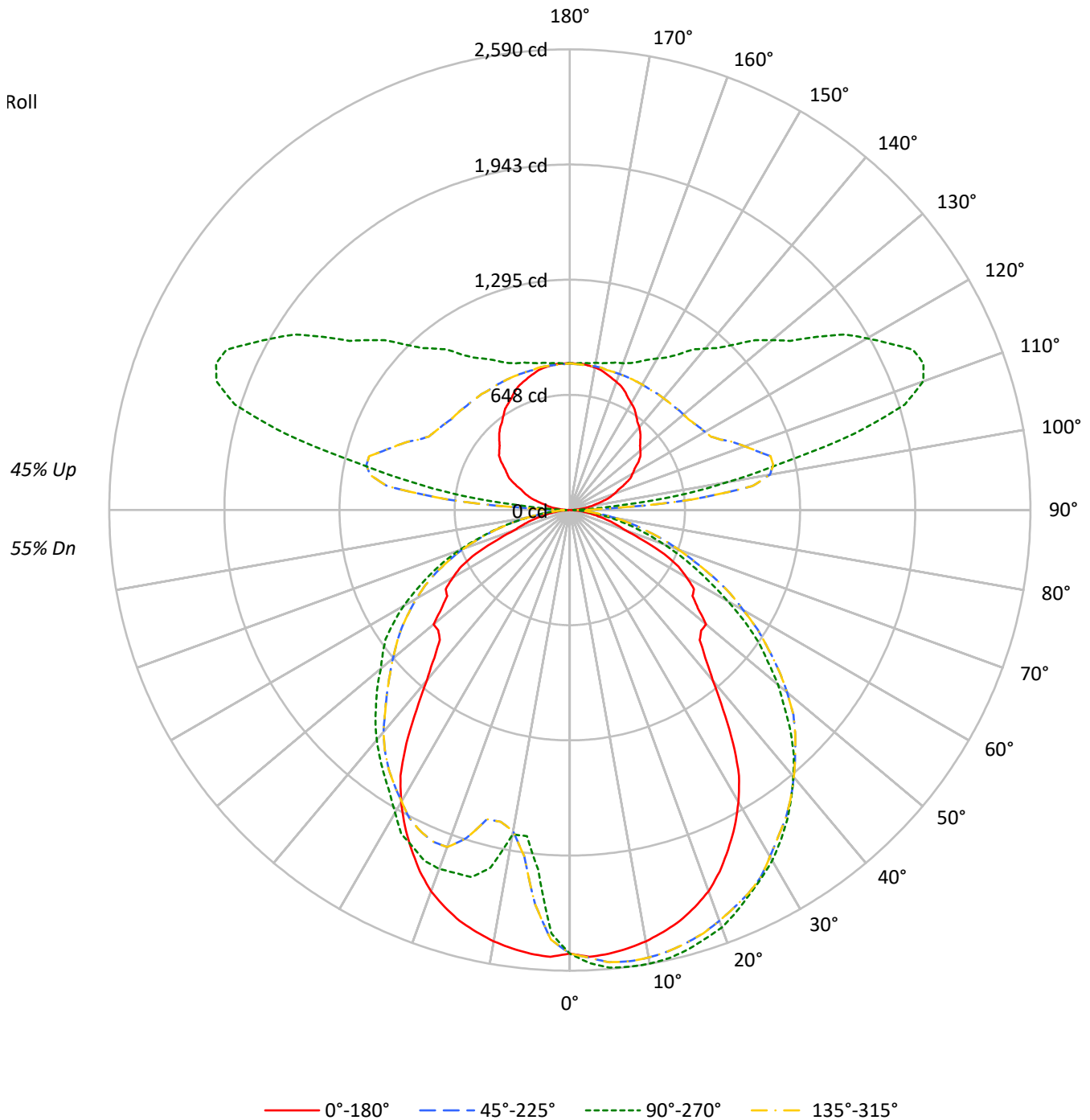
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11812.9 lumens
Efficiency: N/A
Efficacy: 115.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 102.4
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: P934845
CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11567	11567	11567	11567
5°	11654	11677	11654	9182
10°	11576	11502	11576	8223
15°	11450	11253	11450	9396
20°	11211	10958	11211	9416
25°	10720	10527	10720	9216
30°	10087	10170	10087	8778
35°	8992	9718	8992	8297
40°	7493	9185	7493	7933
45°	6695	8562	6695	7515
50°	7113	7819	7113	7095
55°	6692	7018	6692	6852
60°	6898	5961	6898	6276
65°	6254	4928	6254	5508
70°	4331	3927	4331	4617
75°	3797	2903	3797	3476
80°	3059	1919	3059	2090
85°	1761	1016	1761	864

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10261 cd/sqm



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.1	1.9
10°-20°	639.0	5.4
20°-30°	987.8	8.4
30°-40°	1179.2	10.0
40°-50°	1186.1	10.0
50°-60°	1032.0	8.7
60°-70°	731.7	6.2
70°-80°	387.1	3.3
80°-90°	99.6	0.8
90°-100°	402.0	3.4
100°-110°	1056.7	8.9
110°-120°	1095.7	9.3
120°-130°	878.9	7.4
130°-140°	689.6	5.8
140°-150°	529.3	4.5
150°-160°	381.2	3.2
160°-170°	233.2	2.0
170°-180°	78.8	0.7
0°-30°	1851.8	15.7
0°-40°	3031.0	25.7
0°-60°	5249.1	44.4
0°-90°	6467.5	54.7
90°-120°	2554.4	21.6
90°-150°	4652.2	39.4
90°-180°	5345.0	45.2
0°-180°	11812.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2493	2493	2493	2493	2493	
5°	2505	2583	2505	2031	2505	238
15°	2392	2559	2392	2137	2392	673
25°	2106	2387	2106	2090	2106	967
35°	1602	2130	1602	1818	1602	991
45°	1033	1755	1033	1540	1033	828
55°	842	1295	842	1264	842	774
65°	585	781	585	873	585	559
75°	222	370	222	444	222	233
85°	38	94	38	80	38	51
90°	6	21	6	21	6	6
95°	53	243	53	243	53	59
105°	190	1655	190	1655	190	202
115°	338	2131	338	2131	338	334
125°	470	1697	470	1697	470	418
135°	561	1316	561	1316	561	434
145°	650	1068	650	1068	650	407
155°	735	920	735	920	735	338
165°	793	857	793	857	793	224
175°	825	830	825	830	825	78
180°	825	825	825	825	825	



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2514.4	2514.4	2528.5	2533.3	2533.3	2526.2	2519.2	2526.2	2547.4	2554.5	2552.2
5°	2505.0	2523.8	2549.8	2554.5	2559.2	2556.8	2552.2	2556.8	2580.5	2585.2	2587.5
7.5°	2486.1	2521.5	2554.5	2561.6	2568.7	2561.6	2559.2	2564.0	2587.5	2592.3	2592.3
10°	2462.5	2512.0	2549.8	2554.5	2561.6	2554.5	2554.5	2564.0	2587.5	2592.3	2594.6
12.5°	2429.4	2497.9	2533.3	2538.0	2547.4	2545.0	2542.7	2552.2	2575.7	2580.5	2580.5
15°	2391.8	2471.9	2505.0	2509.7	2526.2	2521.5	2521.5	2530.9	2556.8	2564.0	2561.6
17.5°	2339.8	2438.9	2476.7	2483.7	2495.5	2493.2	2495.5	2505.0	2528.5	2533.3	2535.7
20°	2280.9	2394.1	2438.9	2446.0	2457.8	2457.8	2457.8	2469.6	2493.2	2502.6	2502.6
22.5°	2200.7	2347.0	2394.1	2398.8	2412.9	2412.9	2417.7	2434.2	2455.4	2457.8	2457.8
25°	2106.3	2295.0	2335.1	2349.3	2363.5	2370.5	2377.6	2387.0	2394.1	2391.8	2394.1
27.5°	2007.2	2229.0	2280.9	2290.3	2309.2	2316.3	2325.7	2328.0	2330.5	2337.5	2332.8
30°	1896.4	2137.0	2214.9	2224.3	2254.9	2259.7	2250.2	2254.9	2266.7	2271.5	2276.2
32.5°	1771.4	2000.2	2146.5	2167.6	2195.9	2181.8	2179.4	2186.6	2205.4	2205.4	2210.1
35°	1601.5	1894.1	2082.8	2101.6	2122.8	2106.3	2115.8	2118.1	2130.0	2137.0	2134.6
37.5°	1415.2	1802.0	2016.7	2030.9	2047.4	2026.2	2040.3	2047.4	2056.8	2052.1	2052.1
40°	1250.1	1658.2	1938.9	1948.3	1962.4	1945.9	1960.1	1964.8	1969.6	1964.8	1962.4
42.5°	1127.5	1500.1	1856.3	1868.1	1858.7	1870.5	1875.2	1884.6	1877.5	1868.1	1868.1
45°	1033.1	1457.6	1766.7	1780.9	1766.7	1785.6	1792.6	1792.6	1771.4	1766.7	1764.4
47.5°	1002.5	1372.8	1677.1	1677.1	1670.0	1693.6	1705.4	1688.8	1667.6	1660.5	1660.5
50°	1000.1	1278.4	1554.4	1544.9	1578.0	1606.3	1594.5	1578.0	1561.5	1535.5	1535.5
52.5°	908.2	1162.8	1396.3	1431.8	1483.6	1500.1	1481.3	1464.8	1436.5	1424.7	1415.2
55°	842.1	1042.6	1252.5	1323.2	1377.5	1398.7	1363.3	1346.9	1304.4	1297.3	1292.6
57.5°	827.9	868.0	1120.4	1210.0	1276.1	1273.7	1252.5	1221.8	1186.5	1179.3	1177.0
60°	759.5	627.4	978.8	1085.0	1153.4	1146.3	1127.5	1099.2	1066.1	1061.4	1056.7
62.5°	688.7	455.2	818.4	938.8	1035.4	1033.1	1016.6	974.1	950.6	938.8	929.3
65°	584.9	382.1	582.6	780.8	919.9	924.6	889.2	858.6	832.6	818.4	816.1
67.5°	445.8	311.3	393.9	651.0	809.1	804.3	759.5	745.3	712.3	705.3	691.1
70°	330.2	207.5	273.6	528.3	700.5	688.7	653.4	636.9	606.2	589.7	580.2
72.5°	273.6	167.5	200.5	410.4	589.7	575.6	544.9	526.0	500.0	485.9	476.5
75°	221.7	176.9	153.4	304.3	478.8	469.4	441.0	422.2	401.0	382.1	384.5
77.5°	162.7	165.1	122.6	224.0	379.7	365.6	349.1	325.5	316.1	297.2	297.2
80°	122.6	129.7	92.0	153.4	273.6	273.6	259.5	243.0	226.5	217.0	217.0
82.5°	82.6	82.6	68.4	96.7	186.4	179.2	169.9	165.1	155.7	150.9	150.9
85°	37.8	47.1	42.5	59.0	101.4	106.1	106.1	101.4	99.1	94.3	96.7
87.5°	11.8	21.2	26.0	33.0	51.9	54.3	56.6	56.6	56.6	59.0	59.0
90°	5.5	10.0	14.5	15.5	24.4	36.2	42.0	37.4	28.0	21.1	21.1
92.5°	22.1	59.8	97.5	106.8	150.2	208.0	236.9	207.6	149.1	105.2	101.0
95°	53.1	122.0	190.8	208.1	369.5	584.7	692.3	617.8	468.7	357.0	344.3
97.5°	91.9	152.6	213.4	228.6	497.7	856.6	1036.0	988.8	894.7	824.1	800.0
100°	121.8	176.8	232.0	245.7	544.4	942.6	1141.7	1145.1	1152.0	1157.2	1128.5
102.5°	147.2	198.6	250.0	262.9	565.7	969.7	1171.6	1231.5	1351.6	1441.7	1417.0
105°	190.4	234.0	277.4	288.3	581.6	972.7	1168.3	1302.8	1571.8	1773.6	1760.4
107.5°	234.7	275.3	315.8	326.0	584.6	929.4	1101.9	1289.5	1664.8	1946.4	1949.6
110°	264.6	301.2	337.8	347.0	580.1	891.0	1046.5	1256.3	1675.9	1990.6	2004.4



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	293.9	328.8	363.7	372.4	580.3	857.5	996.2	1210.9	1640.4	1962.4	1983.6
115°	338.1	370.3	402.6	410.6	585.6	819.1	935.8	1142.6	1556.4	1866.6	1896.0
117.5°	381.9	411.1	440.4	447.7	596.6	795.1	894.3	1081.0	1454.3	1734.4	1766.9
120°	407.3	434.8	462.4	469.3	605.4	786.9	877.7	1048.3	1389.5	1645.3	1676.9
122.5°	432.2	460.1	487.8	494.8	618.1	782.6	864.9	1018.6	1325.8	1556.2	1587.3
125°	470.4	495.8	521.0	527.4	635.3	779.2	851.1	981.6	1242.5	1438.3	1467.0
127.5°	501.4	527.0	552.5	559.0	652.5	777.2	839.5	951.5	1175.6	1343.7	1367.9
130°	518.0	545.5	573.1	579.9	665.0	778.5	835.1	934.8	1134.3	1283.9	1306.3
132.5°	535.1	562.7	590.3	597.2	675.2	779.2	831.2	920.5	1099.1	1233.0	1253.1
135°	560.6	585.6	610.8	617.1	686.2	778.5	824.6	899.4	1048.9	1161.0	1178.3
137.5°	586.6	611.4	636.3	642.5	702.8	783.3	823.4	886.6	1013.1	1107.9	1122.0
140°	608.2	631.1	653.9	659.6	712.9	784.1	819.6	874.2	983.4	1065.3	1078.6
142.5°	624.8	646.0	667.1	672.4	721.5	786.9	819.6	867.5	963.5	1035.4	1046.8
145°	650.3	668.8	687.1	691.8	732.6	786.9	814.1	853.3	931.8	990.6	999.2
147.5°	675.7	693.7	711.7	716.1	748.8	792.3	814.1	845.0	906.6	953.0	960.1
150°	692.3	708.6	724.8	728.8	757.2	795.1	814.1	840.1	892.3	931.4	937.2
152.5°	709.5	721.8	734.1	737.1	762.7	796.9	814.1	836.3	880.8	914.2	918.6
155°	734.9	744.0	753.1	755.4	775.0	801.0	814.1	831.7	867.2	893.8	896.6
157.5°	753.7	762.6	771.4	773.6	787.1	805.1	814.1	827.8	855.4	876.0	878.1
160°	766.5	773.4	780.2	781.9	792.6	806.9	814.1	825.9	849.5	867.2	868.3
162.5°	779.2	784.3	789.5	790.9	798.6	808.9	814.1	824.1	844.0	858.9	860.0
165°	793.0	797.6	802.4	803.5	807.0	811.7	814.1	821.2	835.5	846.2	847.4
167.5°	805.8	808.0	810.2	810.8	813.7	817.6	819.6	824.2	833.6	840.7	841.1
170°	814.1	816.3	818.5	819.1	819.2	819.5	819.6	824.2	833.6	840.7	840.7
172.5°	818.5	819.0	819.5	819.6	819.6	819.6	819.6	823.3	830.7	836.2	835.8
175°	824.6	824.6	824.6	824.6	822.9	820.7	819.6	821.9	826.7	830.1	830.1
177.5°	824.6	824.6	824.6	824.6	823.3	821.6	820.7	822.5	826.2	829.0	828.5
180°	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2556.8	2549.8	2556.8	2552.2	2554.5	2547.4	2526.2	2519.2	2526.2	2533.3	2533.3
5°	2587.5	2582.8	2587.5	2587.5	2585.2	2580.5	2556.8	2552.2	2556.8	2559.2	2554.5
7.5°	2597.0	2589.8	2597.0	2592.3	2592.3	2587.5	2564.0	2559.2	2561.6	2568.7	2561.6
10°	2597.0	2589.8	2597.0	2594.6	2592.3	2587.5	2564.0	2554.5	2554.5	2561.6	2554.5
12.5°	2585.2	2580.5	2585.2	2580.5	2580.5	2575.7	2552.2	2542.7	2545.0	2547.4	2538.0
15°	2566.3	2559.2	2566.3	2561.6	2564.0	2556.8	2530.9	2521.5	2521.5	2526.2	2509.7
17.5°	2538.0	2528.5	2538.0	2535.7	2533.3	2528.5	2505.0	2495.5	2493.2	2495.5	2483.7
20°	2505.0	2497.9	2505.0	2502.6	2502.6	2493.2	2469.6	2457.8	2457.8	2457.8	2446.0
22.5°	2453.1	2446.0	2453.1	2457.8	2457.8	2455.4	2434.2	2417.7	2412.9	2412.9	2398.8
25°	2394.1	2387.0	2394.1	2394.1	2391.8	2394.1	2387.0	2377.6	2370.5	2363.5	2349.3
27.5°	2337.5	2332.8	2337.5	2332.8	2337.5	2330.5	2328.0	2325.7	2316.3	2309.2	2290.3
30°	2280.9	2276.2	2280.9	2276.2	2271.5	2266.7	2254.9	2250.2	2259.7	2254.9	2224.3
32.5°	2210.1	2205.4	2210.1	2210.1	2205.4	2205.4	2186.6	2179.4	2181.8	2195.9	2167.6
35°	2137.0	2130.0	2137.0	2134.6	2137.0	2130.0	2118.1	2115.8	2106.3	2122.8	2101.6
37.5°	2052.1	2045.0	2052.1	2052.1	2052.1	2056.8	2047.4	2040.3	2026.2	2047.4	2030.9
40°	1964.8	1955.4	1964.8	1962.4	1964.8	1969.6	1964.8	1960.1	1945.9	1962.4	1948.3
42.5°	1865.8	1863.4	1865.8	1868.1	1868.1	1877.5	1884.6	1875.2	1870.5	1858.7	1868.1
45°	1759.6	1754.9	1759.6	1764.4	1766.7	1771.4	1792.6	1792.6	1785.6	1766.7	1780.9
47.5°	1646.3	1634.6	1646.3	1660.5	1660.5	1667.6	1688.8	1705.4	1693.6	1670.0	1677.1
50°	1526.1	1528.4	1526.1	1535.5	1535.5	1561.5	1578.0	1594.5	1606.3	1578.0	1544.9
52.5°	1408.2	1405.8	1408.2	1415.2	1424.7	1436.5	1464.8	1481.3	1500.1	1483.6	1431.8
55°	1290.2	1294.9	1290.2	1292.6	1297.3	1304.4	1346.9	1363.3	1398.7	1377.5	1323.2
57.5°	1172.3	1165.2	1172.3	1177.0	1179.3	1186.5	1221.8	1252.5	1273.7	1276.1	1210.0
60°	1035.4	1026.1	1035.4	1056.7	1061.4	1066.1	1099.2	1127.5	1146.3	1153.4	1085.0
62.5°	915.2	898.7	915.2	929.3	938.8	950.6	974.1	1016.6	1033.1	1035.4	938.8
65°	787.8	780.8	787.8	816.1	818.4	832.6	858.6	889.2	924.6	919.9	780.8
67.5°	672.2	672.2	672.2	691.1	705.3	712.3	745.3	759.5	804.3	809.1	651.0
70°	566.1	563.8	566.1	580.2	589.7	606.2	636.9	653.4	688.7	700.5	528.3
72.5°	464.7	462.3	464.7	476.5	485.9	500.0	526.0	544.9	575.6	589.7	410.4
75°	375.1	370.3	375.1	384.5	382.1	401.0	422.2	441.0	469.4	478.8	304.3
77.5°	287.8	287.8	287.8	297.2	297.2	316.1	325.5	349.1	365.6	379.7	224.0
80°	214.7	212.3	214.7	217.0	217.0	226.5	243.0	259.5	273.6	273.6	153.4
82.5°	150.9	146.2	150.9	150.9	150.9	155.7	165.1	169.9	179.2	186.4	96.7
85°	94.3	94.3	94.3	96.7	94.3	99.1	101.4	106.1	106.1	101.4	59.0
87.5°	61.3	59.0	61.3	59.0	59.0	56.6	56.6	56.6	54.3	51.9	33.0
90°	21.1	21.1	21.1	21.1	21.1	28.0	37.4	42.0	36.2	24.4	15.5
92.5°	84.3	67.5	84.3	101.0	105.2	149.1	207.6	236.9	208.0	150.2	106.8
95°	293.7	243.0	293.7	344.3	357.0	468.7	617.8	692.3	584.7	369.5	208.1
97.5°	703.5	607.1	703.5	800.0	824.1	894.7	988.8	1036.0	856.6	497.7	228.6
100°	1013.7	898.8	1013.7	1128.5	1157.2	1152.0	1145.1	1141.7	942.6	544.4	245.7
102.5°	1318.7	1220.3	1318.7	1417.0	1441.7	1351.6	1231.5	1171.6	969.7	565.7	262.9
105°	1707.5	1654.6	1707.5	1760.4	1773.6	1571.8	1302.8	1168.3	972.7	581.6	288.3
107.5°	1962.3	1975.1	1962.3	1949.6	1946.4	1664.8	1289.5	1101.9	929.4	584.6	326.0
110°	2059.5	2114.6	2059.5	2004.4	1990.6	1675.9	1256.3	1046.5	891.0	580.1	347.0



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2068.1	2152.7	2068.1	1983.6	1962.4	1640.4	1210.9	996.2	857.5	580.3	372.4
115°	2013.3	2130.6	2013.3	1896.0	1866.6	1556.4	1142.6	935.8	819.1	585.6	410.6
117.5°	1897.0	2027.1	1897.0	1766.9	1734.4	1454.3	1081.0	894.3	795.1	596.6	447.7
120°	1803.4	1929.8	1803.4	1676.9	1645.3	1389.5	1048.3	877.7	786.9	605.4	469.3
122.5°	1712.0	1836.7	1712.0	1587.3	1556.2	1325.8	1018.6	864.9	782.6	618.1	494.8
125°	1581.9	1696.8	1581.9	1467.0	1438.3	1242.5	981.6	851.1	779.2	635.3	527.4
127.5°	1464.8	1561.7	1464.8	1367.9	1343.7	1175.6	951.5	839.5	777.2	652.5	559.0
130°	1395.8	1485.3	1395.8	1306.3	1283.9	1134.3	934.8	835.1	778.5	665.0	579.9
132.5°	1333.2	1413.4	1333.2	1253.1	1233.0	1099.1	920.5	831.2	779.2	675.2	597.2
135°	1247.4	1316.5	1247.4	1178.3	1161.0	1048.9	899.4	824.6	778.5	686.2	617.1
137.5°	1178.6	1235.2	1178.6	1122.0	1107.9	1013.1	886.6	823.4	783.3	702.8	642.5
140°	1131.5	1184.3	1131.5	1078.6	1065.3	983.4	874.2	819.6	784.1	712.9	659.6
142.5°	1092.3	1137.8	1092.3	1046.8	1035.4	963.5	867.5	819.6	786.9	721.5	672.4
145°	1033.7	1068.1	1033.7	999.2	990.6	931.8	853.3	814.1	786.9	732.6	691.8
147.5°	988.6	1017.1	988.6	960.1	953.0	906.6	845.0	814.1	792.3	748.8	716.1
150°	960.3	983.4	960.3	937.2	931.4	892.3	840.1	814.1	795.1	757.2	728.8
152.5°	936.0	953.5	936.0	918.6	914.2	880.8	836.3	814.1	796.9	762.7	737.1
155°	908.2	919.8	908.2	896.6	893.8	867.2	831.7	814.1	801.0	775.0	755.4
157.5°	886.2	894.3	886.2	878.1	876.0	855.4	827.8	814.1	805.1	787.1	773.6
160°	873.1	877.7	873.1	868.3	867.2	849.5	825.9	814.1	806.9	792.6	781.9
162.5°	864.4	868.9	864.4	860.0	858.9	844.0	824.1	814.1	808.9	798.6	790.9
165°	852.0	856.6	852.0	847.4	846.2	835.5	821.2	814.1	811.7	807.0	803.5
167.5°	843.1	845.0	843.1	841.1	840.7	833.6	824.2	819.6	817.6	813.7	810.8
170°	840.7	840.7	840.7	840.7	840.7	833.6	824.2	819.6	819.5	819.2	819.1
172.5°	834.1	832.4	834.1	835.8	836.2	830.7	823.3	819.6	819.6	819.6	819.6
175°	830.1	830.1	830.1	830.1	830.1	826.7	821.9	819.6	820.7	822.9	824.6
177.5°	826.6	824.6	826.6	828.5	829.0	826.2	822.5	820.7	821.6	823.3	824.6
180°	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2528.5	2514.4	2514.4	2490.9	2481.4	2474.3	2462.5	2427.1	2417.7	2408.3	2422.4
5°	2549.8	2523.8	2505.0	2462.5	2427.1	2412.9	2368.1	2283.2	2226.6	2184.2	2160.6
7.5°	2554.5	2521.5	2486.1	2420.1	2335.1	2297.4	2160.6	2004.9	1962.4	1924.8	1901.1
10°	2549.8	2512.0	2462.5	2363.5	2162.9	2096.9	1960.1	1858.7	1832.7	1825.7	1832.7
12.5°	2533.3	2497.9	2429.4	2264.4	1983.7	1938.9	1858.7	1799.7	1795.0	1806.8	1870.5
15°	2505.0	2471.9	2391.8	2132.3	1884.6	1851.6	1795.0	1773.7	1799.7	1882.3	2073.3
17.5°	2476.7	2438.9	2339.8	2002.6	1809.2	1785.6	1745.4	1787.9	1934.1	2045.0	2108.7
20°	2438.9	2394.1	2280.9	1908.2	1754.9	1733.6	1714.8	1905.8	2016.7	2056.8	2092.2
22.5°	2394.1	2347.0	2200.7	1842.2	1698.3	1681.8	1693.6	1971.9	2016.7	2045.0	2075.7
25°	2335.1	2295.0	2106.3	1790.2	1653.5	1634.6	1679.4	1964.8	1990.7	1997.9	2059.2
27.5°	2280.9	2229.0	2007.2	1743.1	1599.2	1592.2	1691.2	1934.1	1953.1	1960.1	2026.2
30°	2214.9	2137.0	1896.4	1693.6	1542.6	1540.2	1693.6	1896.4	1891.7	1910.6	1976.6
32.5°	2146.5	2000.2	1771.4	1632.2	1488.4	1486.0	1677.1	1839.8	1835.0	1861.0	1910.6
35°	2082.8	1894.1	1601.5	1561.5	1420.0	1422.3	1637.0	1773.7	1776.1	1799.7	1830.4
37.5°	2016.7	1802.0	1415.2	1483.6	1353.9	1353.9	1582.7	1712.4	1707.8	1714.8	1757.2
40°	1938.9	1658.2	1250.1	1382.2	1292.6	1285.5	1516.7	1646.3	1629.8	1627.5	1686.5
42.5°	1856.3	1500.1	1127.5	1247.8	1221.8	1212.4	1436.5	1566.2	1535.5	1542.6	1618.1
45°	1766.7	1457.6	1033.1	1054.4	1148.7	1141.7	1349.2	1474.2	1453.0	1471.8	1549.7
47.5°	1677.1	1372.8	1002.5	875.1	1070.9	1068.5	1252.5	1384.5	1372.8	1391.7	1474.2
50°	1554.4	1278.4	1000.1	750.1	983.6	993.0	1136.9	1297.3	1297.3	1313.8	1401.1
52.5°	1396.3	1162.8	908.2	679.3	882.2	910.5	1035.4	1221.8	1226.5	1243.1	1320.9
55°	1252.5	1042.6	842.1	625.1	761.9	823.2	936.4	1144.0	1153.4	1170.0	1240.7
57.5°	1120.4	868.0	827.9	561.4	651.0	710.0	849.1	1068.5	1073.2	1087.4	1155.8
60°	978.8	627.4	759.5	493.0	554.3	599.1	768.9	978.8	995.4	1004.8	1063.8
62.5°	818.4	455.2	688.7	445.8	507.1	516.6	702.9	894.0	915.2	922.3	957.6
65°	582.6	382.1	584.9	405.7	457.6	460.0	632.2	806.7	825.6	837.4	863.3
67.5°	393.9	311.3	445.8	367.9	419.9	422.2	563.8	705.3	731.2	740.6	757.1
70°	273.6	207.5	330.2	327.9	377.4	382.1	490.6	613.2	636.9	643.9	653.4
72.5°	200.5	167.5	273.6	294.8	332.6	337.3	415.2	509.5	533.1	540.1	544.9
75°	153.4	176.9	221.7	257.1	283.0	285.4	339.6	415.2	431.7	436.4	438.7
77.5°	122.6	165.1	162.7	207.5	231.2	226.5	266.5	320.8	334.9	334.9	334.9
80°	92.0	129.7	122.6	148.6	169.9	165.1	191.0	228.8	233.5	238.2	235.8
82.5°	68.4	82.6	82.6	94.3	113.2	108.5	127.4	148.6	148.6	148.6	153.4
85°	42.5	47.1	37.8	49.5	63.6	61.3	70.8	80.2	82.6	82.6	77.8
87.5°	26.0	21.2	11.8	18.8	28.3	28.3	33.0	35.3	33.0	33.0	33.0
90°	14.5	10.0	5.5	10.0	14.5	15.5	24.4	36.2	42.0	37.4	28.0
92.5°	97.5	59.8	22.1	59.8	97.5	106.8	150.2	208.0	236.9	207.6	149.1
95°	190.8	122.0	53.1	122.0	190.8	208.1	369.5	584.7	692.3	617.8	468.7
97.5°	213.4	152.6	91.9	152.6	213.4	228.6	497.7	856.6	1036.0	988.8	894.7
100°	232.0	176.8	121.8	176.8	232.0	245.7	544.4	942.6	1141.7	1145.1	1152.0
102.5°	250.0	198.6	147.2	198.6	250.0	262.9	565.7	969.7	1171.6	1231.5	1351.6
105°	277.4	234.0	190.4	234.0	277.4	288.3	581.6	972.7	1168.3	1302.8	1571.8
107.5°	315.8	275.3	234.7	275.3	315.8	326.0	584.6	929.4	1101.9	1289.5	1664.8
110°	337.8	301.2	264.6	301.2	337.8	347.0	580.1	891.0	1046.5	1256.3	1675.9



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	363.7	328.8	293.9	328.8	363.7	372.4	580.3	857.5	996.2	1210.9	1640.4
115°	402.6	370.3	338.1	370.3	402.6	410.6	585.6	819.1	935.8	1142.6	1556.4
117.5°	440.4	411.1	381.9	411.1	440.4	447.7	596.6	795.1	894.3	1081.0	1454.3
120°	462.4	434.8	407.3	434.8	462.4	469.3	605.4	786.9	877.7	1048.3	1389.5
122.5°	487.8	460.1	432.2	460.1	487.8	494.8	618.1	782.6	864.9	1018.6	1325.8
125°	521.0	495.8	470.4	495.8	521.0	527.4	635.3	779.2	851.1	981.6	1242.5
127.5°	552.5	527.0	501.4	527.0	552.5	559.0	652.5	777.2	839.5	951.5	1175.6
130°	573.1	545.5	518.0	545.5	573.1	579.9	665.0	778.5	835.1	934.8	1134.3
132.5°	590.3	562.7	535.1	562.7	590.3	597.2	675.2	779.2	831.2	920.5	1099.1
135°	610.8	585.6	560.6	585.6	610.8	617.1	686.2	778.5	824.6	899.4	1048.9
137.5°	636.3	611.4	586.6	611.4	636.3	642.5	702.8	783.3	823.4	886.6	1013.1
140°	653.9	631.1	608.2	631.1	653.9	659.6	712.9	784.1	819.6	874.2	983.4
142.5°	667.1	646.0	624.8	646.0	667.1	672.4	721.5	786.9	819.6	867.5	963.5
145°	687.1	668.8	650.3	668.8	687.1	691.8	732.6	786.9	814.1	853.3	931.8
147.5°	711.7	693.7	675.7	693.7	711.7	716.1	748.8	792.3	814.1	845.0	906.6
150°	724.8	708.6	692.3	708.6	724.8	728.8	757.2	795.1	814.1	840.1	892.3
152.5°	734.1	721.8	709.5	721.8	734.1	737.1	762.7	796.9	814.1	836.3	880.8
155°	753.1	744.0	734.9	744.0	753.1	755.4	775.0	801.0	814.1	831.7	867.2
157.5°	771.4	762.6	753.7	762.6	771.4	773.6	787.1	805.1	814.1	827.8	855.4
160°	780.2	773.4	766.5	773.4	780.2	781.9	792.6	806.9	814.1	825.9	849.5
162.5°	789.5	784.3	779.2	784.3	789.5	790.9	798.6	808.9	814.1	824.1	844.0
165°	802.4	797.6	793.0	797.6	802.4	803.5	807.0	811.7	814.1	821.2	835.5
167.5°	810.2	808.0	805.8	808.0	810.2	810.8	813.7	817.6	819.6	824.2	833.6
170°	818.5	816.3	814.1	816.3	818.5	819.1	819.2	819.5	819.6	824.2	833.6
172.5°	819.5	819.0	818.5	819.0	819.5	819.6	819.6	819.6	819.6	823.3	830.7
175°	824.6	824.6	824.6	824.6	824.6	824.6	822.9	820.7	819.6	821.9	826.7
177.5°	824.6	824.6	824.6	824.6	824.6	824.6	823.3	821.6	820.7	822.5	826.2
180°	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2405.9	2398.8	2408.3	2382.3	2408.3	2398.8	2405.9	2422.4	2408.3	2417.7	2427.1
5°	2111.0	2099.3	2061.5	2030.9	2061.5	2099.3	2111.0	2160.6	2184.2	2226.6	2283.2
7.5°	1887.0	1877.5	1868.1	1849.2	1868.1	1877.5	1887.0	1901.1	1924.8	1962.4	2004.9
10°	1837.5	1839.8	1854.0	1851.6	1854.0	1839.8	1837.5	1832.7	1825.7	1832.7	1858.7
12.5°	1964.8	1986.1	2063.9	2059.2	2063.9	1986.1	1964.8	1870.5	1806.8	1795.0	1799.7
15°	2111.0	2118.1	2134.6	2137.0	2134.6	2118.1	2111.0	2073.3	1882.3	1799.7	1773.7
17.5°	2125.2	2127.6	2139.3	2139.3	2139.3	2127.6	2125.2	2108.7	2045.0	1934.1	1787.9
20°	2113.5	2118.1	2141.8	2146.5	2141.8	2118.1	2113.5	2092.2	2056.8	2016.7	1905.8
22.5°	2108.7	2118.1	2137.0	2134.6	2137.0	2118.1	2108.7	2075.7	2045.0	2016.7	1971.9
25°	2085.1	2085.1	2087.5	2089.8	2087.5	2085.1	2085.1	2059.2	1997.9	1990.7	1964.8
27.5°	2035.6	2040.3	2054.5	2052.1	2054.5	2040.3	2035.6	2026.2	1960.1	1953.1	1934.1
30°	1990.7	1986.1	1974.2	1964.8	1974.2	1986.1	1990.7	1976.6	1910.6	1891.7	1896.4
32.5°	1915.3	1903.5	1891.7	1884.6	1891.7	1903.5	1915.3	1910.6	1861.0	1835.0	1839.8
35°	1825.7	1828.0	1825.7	1818.5	1825.7	1828.0	1825.7	1830.4	1799.7	1776.1	1773.7
37.5°	1761.9	1766.7	1764.4	1754.9	1764.4	1766.7	1761.9	1757.2	1714.8	1707.8	1712.4
40°	1695.9	1698.3	1695.9	1688.8	1695.9	1698.3	1695.9	1686.5	1627.5	1629.8	1646.3
42.5°	1632.2	1629.8	1622.8	1618.1	1622.8	1629.8	1632.2	1618.1	1542.6	1535.5	1566.2
45°	1559.1	1561.5	1547.4	1540.2	1547.4	1561.5	1559.1	1549.7	1471.8	1453.0	1474.2
47.5°	1486.0	1486.0	1474.2	1467.1	1474.2	1486.0	1486.0	1474.2	1391.7	1372.8	1384.5
50°	1408.2	1405.8	1389.3	1387.0	1389.3	1405.8	1408.2	1401.1	1313.8	1297.3	1297.3
52.5°	1318.5	1318.5	1320.9	1325.6	1320.9	1318.5	1318.5	1320.9	1243.1	1226.5	1221.8
55°	1240.7	1243.1	1259.6	1264.3	1259.6	1243.1	1240.7	1240.7	1170.0	1153.4	1144.0
57.5°	1160.5	1160.5	1172.3	1172.3	1172.3	1160.5	1160.5	1155.8	1087.4	1073.2	1068.5
60°	1068.5	1073.2	1082.7	1080.3	1082.7	1073.2	1068.5	1063.8	1004.8	995.4	978.8
62.5°	971.8	976.5	978.8	974.1	978.8	976.5	971.8	957.6	922.3	915.2	894.0
65°	870.4	875.1	877.4	872.7	877.4	875.1	870.4	863.3	837.4	825.6	806.7
67.5°	766.6	764.3	761.9	771.3	761.9	764.3	766.6	757.1	740.6	731.2	705.3
70°	660.4	660.4	658.0	662.8	658.0	660.4	660.4	653.4	643.9	636.9	613.2
72.5°	547.3	544.9	554.3	547.3	554.3	544.9	547.3	544.9	540.1	533.1	509.5
75°	436.4	441.0	436.4	443.5	436.4	441.0	436.4	438.7	436.4	431.7	415.2
77.5°	332.6	337.3	332.6	332.6	332.6	337.3	332.6	334.9	334.9	334.9	320.8
80°	235.8	233.5	233.5	231.2	233.5	233.5	235.8	235.8	238.2	233.5	228.8
82.5°	150.9	148.6	148.6	153.4	148.6	148.6	150.9	153.4	148.6	148.6	148.6
85°	82.6	84.9	80.2	80.2	80.2	84.9	82.6	77.8	82.6	82.6	80.2
87.5°	30.7	28.3	28.3	28.3	28.3	28.3	30.7	33.0	33.0	33.0	35.3
90°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	28.0	37.4	42.0	36.2
92.5°	105.2	101.0	84.3	67.5	84.3	101.0	105.2	149.1	207.6	236.9	208.0
95°	357.0	344.3	293.7	243.0	293.7	344.3	357.0	468.7	617.8	692.3	584.7
97.5°	824.1	800.0	703.5	607.1	703.5	800.0	824.1	894.7	988.8	1036.0	856.6
100°	1157.2	1128.5	1013.7	898.8	1013.7	1128.5	1157.2	1152.0	1145.1	1141.7	942.6
102.5°	1441.7	1417.0	1318.7	1220.3	1318.7	1417.0	1441.7	1351.6	1231.5	1171.6	969.7
105°	1773.6	1760.4	1707.5	1654.6	1707.5	1760.4	1773.6	1571.8	1302.8	1168.3	972.7
107.5°	1946.4	1949.6	1962.3	1975.1	1962.3	1949.6	1946.4	1664.8	1289.5	1101.9	929.4
110°	1990.6	2004.4	2059.5	2114.6	2059.5	2004.4	1990.6	1675.9	1256.3	1046.5	891.0



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1962.4	1983.6	2068.1	2152.7	2068.1	1983.6	1962.4	1640.4	1210.9	996.2	857.5
115°	1866.6	1896.0	2013.3	2130.6	2013.3	1896.0	1866.6	1556.4	1142.6	935.8	819.1
117.5°	1734.4	1766.9	1897.0	2027.1	1897.0	1766.9	1734.4	1454.3	1081.0	894.3	795.1
120°	1645.3	1676.9	1803.4	1929.8	1803.4	1676.9	1645.3	1389.5	1048.3	877.7	786.9
122.5°	1556.2	1587.3	1712.0	1836.7	1712.0	1587.3	1556.2	1325.8	1018.6	864.9	782.6
125°	1438.3	1467.0	1581.9	1696.8	1581.9	1467.0	1438.3	1242.5	981.6	851.1	779.2
127.5°	1343.7	1367.9	1464.8	1561.7	1464.8	1367.9	1343.7	1175.6	951.5	839.5	777.2
130°	1283.9	1306.3	1395.8	1485.3	1395.8	1306.3	1283.9	1134.3	934.8	835.1	778.5
132.5°	1233.0	1253.1	1333.2	1413.4	1333.2	1253.1	1233.0	1099.1	920.5	831.2	779.2
135°	1161.0	1178.3	1247.4	1316.5	1247.4	1178.3	1161.0	1048.9	899.4	824.6	778.5
137.5°	1107.9	1122.0	1178.6	1235.2	1178.6	1122.0	1107.9	1013.1	886.6	823.4	783.3
140°	1065.3	1078.6	1131.5	1184.3	1131.5	1078.6	1065.3	983.4	874.2	819.6	784.1
142.5°	1035.4	1046.8	1092.3	1137.8	1092.3	1046.8	1035.4	963.5	867.5	819.6	786.9
145°	990.6	999.2	1033.7	1068.1	1033.7	999.2	990.6	931.8	853.3	814.1	786.9
147.5°	953.0	960.1	988.6	1017.1	988.6	960.1	953.0	906.6	845.0	814.1	792.3
150°	931.4	937.2	960.3	983.4	960.3	937.2	931.4	892.3	840.1	814.1	795.1
152.5°	914.2	918.6	936.0	953.5	936.0	918.6	914.2	880.8	836.3	814.1	796.9
155°	893.8	896.6	908.2	919.8	908.2	896.6	893.8	867.2	831.7	814.1	801.0
157.5°	876.0	878.1	886.2	894.3	886.2	878.1	876.0	855.4	827.8	814.1	805.1
160°	867.2	868.3	873.1	877.7	873.1	868.3	867.2	849.5	825.9	814.1	806.9
162.5°	858.9	860.0	864.4	868.9	864.4	860.0	858.9	844.0	824.1	814.1	808.9
165°	846.2	847.4	852.0	856.6	852.0	847.4	846.2	835.5	821.2	814.1	811.7
167.5°	840.7	841.1	843.1	845.0	843.1	841.1	840.7	833.6	824.2	819.6	817.6
170°	840.7	840.7	840.7	840.7	840.7	840.7	840.7	833.6	824.2	819.6	819.5
172.5°	836.2	835.8	834.1	832.4	834.1	835.8	836.2	830.7	823.3	819.6	819.6
175°	830.1	830.1	830.1	830.1	830.1	830.1	830.1	826.7	821.9	819.6	820.7
177.5°	829.0	828.5	826.6	824.6	826.6	828.5	829.0	826.2	822.5	820.7	821.6
180°	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6	824.6



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2462.5	2474.3	2481.4	2490.9	2514.4
5°	2368.1	2412.9	2427.1	2462.5	2505.0
7.5°	2160.6	2297.4	2335.1	2420.1	2486.1
10°	1960.1	2096.9	2162.9	2363.5	2462.5
12.5°	1858.7	1938.9	1983.7	2264.4	2429.4
15°	1795.0	1851.6	1884.6	2132.3	2391.8
17.5°	1745.4	1785.6	1809.2	2002.6	2339.8
20°	1714.8	1733.6	1754.9	1908.2	2280.9
22.5°	1693.6	1681.8	1698.3	1842.2	2200.7
25°	1679.4	1634.6	1653.5	1790.2	2106.3
27.5°	1691.2	1592.2	1599.2	1743.1	2007.2
30°	1693.6	1540.2	1542.6	1693.6	1896.4
32.5°	1677.1	1486.0	1488.4	1632.2	1771.4
35°	1637.0	1422.3	1420.0	1561.5	1601.5
37.5°	1582.7	1353.9	1353.9	1483.6	1415.2
40°	1516.7	1285.5	1292.6	1382.2	1250.1
42.5°	1436.5	1212.4	1221.8	1247.8	1127.5
45°	1349.2	1141.7	1148.7	1054.4	1033.1
47.5°	1252.5	1068.5	1070.9	875.1	1002.5
50°	1136.9	993.0	983.6	750.1	1000.1
52.5°	1035.4	910.5	882.2	679.3	908.2
55°	936.4	823.2	761.9	625.1	842.1
57.5°	849.1	710.0	651.0	561.4	827.9
60°	768.9	599.1	554.3	493.0	759.5
62.5°	702.9	516.6	507.1	445.8	688.7
65°	632.2	460.0	457.6	405.7	584.9
67.5°	563.8	422.2	419.9	367.9	445.8
70°	490.6	382.1	377.4	327.9	330.2
72.5°	415.2	337.3	332.6	294.8	273.6
75°	339.6	285.4	283.0	257.1	221.7
77.5°	266.5	226.5	231.2	207.5	162.7
80°	191.0	165.1	169.9	148.6	122.6
82.5°	127.4	108.5	113.2	94.3	82.6
85°	70.8	61.3	63.6	49.5	37.8
87.5°	33.0	28.3	28.3	18.8	11.8
90°	24.4	15.5	14.5	10.0	5.5
92.5°	150.2	106.8	97.5	59.8	22.1
95°	369.5	208.1	190.8	122.0	53.1
97.5°	497.7	228.6	213.4	152.6	91.9
100°	544.4	245.7	232.0	176.8	121.8
102.5°	565.7	262.9	250.0	198.6	147.2
105°	581.6	288.3	277.4	234.0	190.4
107.5°	584.6	326.0	315.8	275.3	234.7
110°	580.1	347.0	337.8	301.2	264.6



TEST NUMBER: P934845

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	580.3	372.4	363.7	328.8	293.9
115°	585.6	410.6	402.6	370.3	338.1
117.5°	596.6	447.7	440.4	411.1	381.9
120°	605.4	469.3	462.4	434.8	407.3
122.5°	618.1	494.8	487.8	460.1	432.2
125°	635.3	527.4	521.0	495.8	470.4
127.5°	652.5	559.0	552.5	527.0	501.4
130°	665.0	579.9	573.1	545.5	518.0
132.5°	675.2	597.2	590.3	562.7	535.1
135°	686.2	617.1	610.8	585.6	560.6
137.5°	702.8	642.5	636.3	611.4	586.6
140°	712.9	659.6	653.9	631.1	608.2
142.5°	721.5	672.4	667.1	646.0	624.8
145°	732.6	691.8	687.1	668.8	650.3
147.5°	748.8	716.1	711.7	693.7	675.7
150°	757.2	728.8	724.8	708.6	692.3
152.5°	762.7	737.1	734.1	721.8	709.5
155°	775.0	755.4	753.1	744.0	734.9
157.5°	787.1	773.6	771.4	762.6	753.7
160°	792.6	781.9	780.2	773.4	766.5
162.5°	798.6	790.9	789.5	784.3	779.2
165°	807.0	803.5	802.4	797.6	793.0
167.5°	813.7	810.8	810.2	808.0	805.8
170°	819.2	819.1	818.5	816.3	814.1
172.5°	819.6	819.6	819.5	819.0	818.5
175°	822.9	824.6	824.6	824.6	824.6
177.5°	823.3	824.6	824.6	824.6	824.6
180°	824.6	824.6	824.6	824.6	824.6



TEST NUMBER: P934845
 CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-3500K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.74	14.65	14.66	15.58	16.78	16.58	17.48	17.49	18.42	19.62
	3H	14.22	15.03	15.15	15.98	17.20	17.93	18.74	18.86	19.69	20.91
	4H	14.41	15.18	15.36	16.13	17.37	18.38	19.15	19.32	20.09	21.33
	6H	14.54	15.24	15.49	16.20	17.44	18.67	19.37	19.62	20.33	21.58
	8H	14.54	15.21	15.50	16.18	17.43	18.74	19.42	19.70	20.39	21.63
	12H	14.51	15.15	15.48	16.12	17.39	18.79	19.43	19.75	20.39	21.66
4H	2H	14.78	15.55	15.73	16.50	17.73	16.99	17.76	17.94	18.71	19.94
	3H	15.81	16.45	16.77	17.43	18.68	18.51	19.15	19.46	20.12	21.37
	4H	16.09	16.67	17.06	17.65	18.92	19.04	19.62	20.00	20.59	21.87
	6H	16.22	16.72	17.20	17.72	18.99	19.41	19.91	20.39	20.91	22.18
	8H	16.22	16.69	17.21	17.68	18.97	19.52	19.99	20.50	20.98	22.26
	12H	16.19	16.62	17.19	17.62	18.92	19.58	20.00	20.58	21.01	22.30
8H	4H	16.55	17.02	17.53	18.01	19.30	19.16	19.63	20.15	20.62	21.91
	6H	16.81	17.20	17.82	18.23	19.52	19.61	19.99	20.61	21.03	22.31
	8H	16.86	17.20	17.87	18.22	19.52	19.76	20.10	20.77	21.12	22.42
	12H	16.84	17.14	17.86	18.16	19.50	19.86	20.16	20.88	21.17	22.52
12H	4H	16.56	16.98	17.56	17.99	19.28	19.13	19.56	20.13	20.56	21.85
	6H	16.87	17.22	17.89	18.24	19.54	19.60	19.95	20.62	20.96	22.27
	8H	16.94	17.24	17.96	18.26	19.61	19.77	20.07	20.79	21.08	22.43