

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: P935769

Luminaire Tested: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

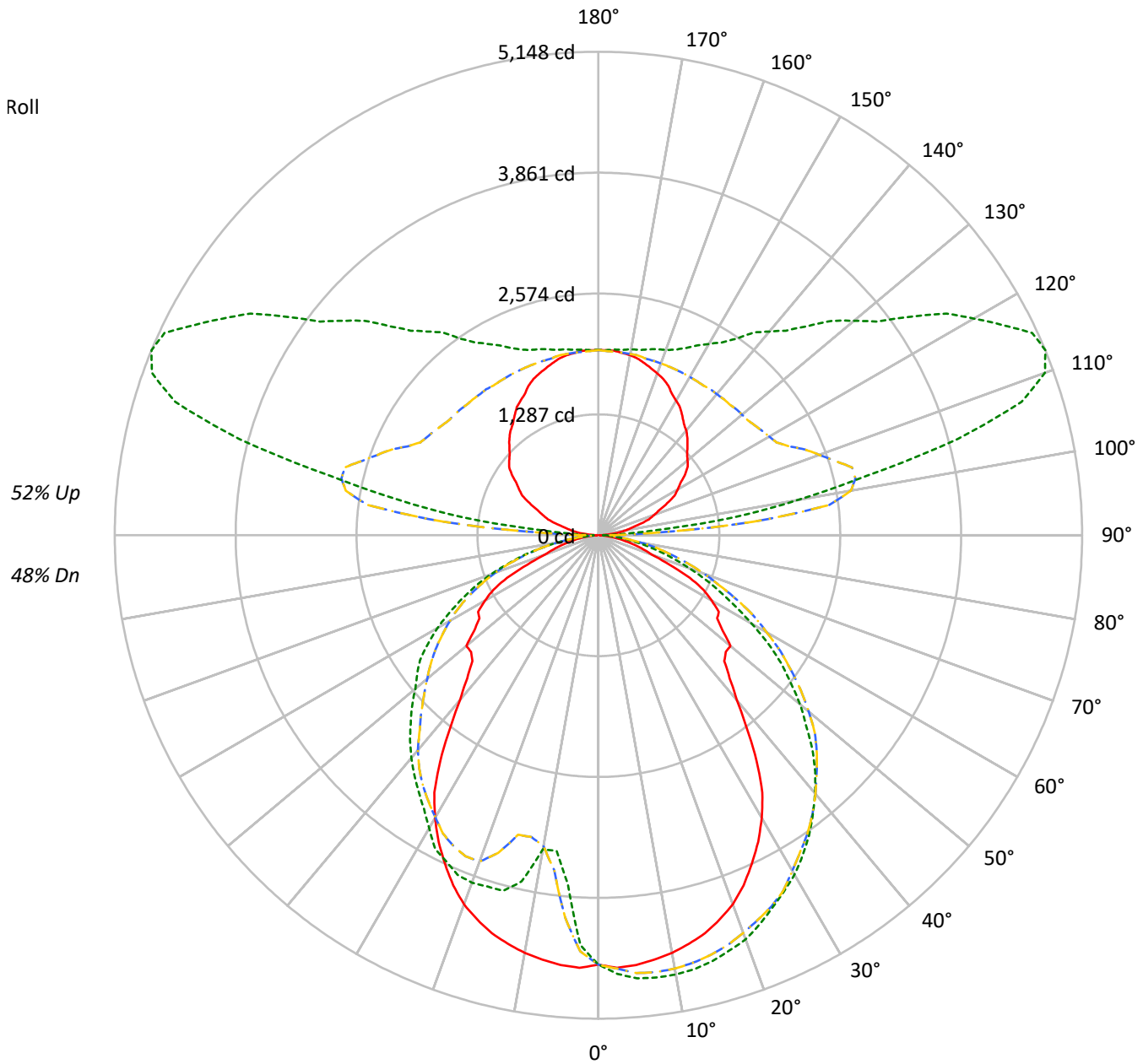
Test Method: LM-79-2019  
Report Number: P935769  
REPORT IS A COMBINATION OF REPORTS P933765 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 24644.1 lumens  
Efficiency: N/A  
Efficacy: 109.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 225.6  
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: P935769  
CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

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

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14141	14141	14141	14141
5°	14252	14275	14252	11224
10°	14162	14061	14162	10053
15°	14013	13757	14013	11487
20°	13726	13396	13726	11511
25°	13131	12869	13131	11267
30°	12361	12432	12361	10732
35°	11025	11879	11025	10143
40°	9192	11229	9192	9698
45°	8218	10467	8218	9187
50°	8738	9558	8738	8673
55°	8229	8580	8229	8377
60°	8493	7287	8493	7672
65°	7713	6024	7713	6733
70°	5353	4800	5353	5644
75°	4713	3548	4713	4249
80°	3825	2346	3825	2555
85°	2242	1242	2242	1056

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12588 cd/sqm



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	412.7	1.7
10°-20°	1171.7	4.8
20°-30°	1811.3	7.3
30°-40°	2162.3	8.8
40°-50°	2175.0	8.8
50°-60°	1892.5	7.7
60°-70°	1341.8	5.4
70°-80°	709.9	2.9
80°-90°	184.3	0.7
90°-100°	961.2	3.9
100°-110°	2527.0	10.3
110°-120°	2620.2	10.6
120°-130°	2101.7	8.5
130°-140°	1649.1	6.7
140°-150°	1265.8	5.1
150°-160°	911.6	3.7
160°-170°	557.7	2.3
170°-180°	188.4	0.8
0°-30°	3395.7	13.8
0°-40°	5558.0	22.6
0°-60°	9625.4	39.1
0°-90°	11861.4	48.1
90°-120°	6108.4	24.8
90°-150°	11125.0	45.1
90°-180°	12783.0	51.9
0°-180°	24644.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4572	4572	4572	4572	4572	
5°	4593	4736	4593	3724	4593	436
15°	4386	4693	4386	3919	4386	1234
25°	3862	4377	3862	3832	3862	1773
35°	2937	3906	2937	3335	2937	1817
45°	1894	3218	1894	2824	1894	1518
55°	1544	2375	1544	2318	1544	1419
65°	1073	1432	1073	1600	1073	1025
75°	407	679	407	813	407	427
85°	69	173	69	147	69	93
90°	13	50	13	50	13	14
95°	127	581	127	581	127	141
105°	455	3957	455	3957	455	483
115°	808	5095	808	5095	808	799
125°	1125	4058	1125	4058	1125	999
135°	1341	3148	1341	3148	1341	1037
145°	1555	2554	1555	2554	1555	974
155°	1757	2199	1757	2199	1757	808
165°	1896	2049	1896	2049	1896	535
175°	1972	1985	1972	1985	1972	187
180°	1972	1972	1972	1972	1972	



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4610.8	4610.8	4636.7	4645.4	4645.4	4632.3	4619.4	4632.3	4671.3	4684.3	4680.0
5°	4593.4	4628.1	4675.6	4684.3	4692.9	4688.6	4680.0	4688.6	4731.8	4740.5	4744.8
7.5°	4558.8	4623.7	4684.3	4697.2	4710.2	4697.2	4692.9	4701.6	4744.8	4753.5	4753.5
10°	4515.6	4606.4	4675.6	4684.3	4697.2	4684.3	4684.3	4701.6	4744.8	4753.5	4757.8
12.5°	4455.0	4580.4	4645.4	4654.0	4671.3	4666.9	4662.7	4680.0	4723.1	4731.8	4731.8
15°	4385.8	4532.9	4593.4	4602.1	4632.3	4623.7	4623.7	4641.0	4688.6	4701.6	4697.2
17.5°	4290.7	4472.3	4541.5	4554.5	4576.1	4571.8	4576.1	4593.4	4636.7	4645.4	4649.6
20°	4182.6	4390.1	4472.3	4485.3	4506.9	4506.9	4506.9	4528.6	4571.8	4589.1	4589.1
22.5°	4035.5	4303.6	4390.1	4398.8	4424.8	4424.8	4433.4	4463.6	4502.6	4506.9	4506.9
25°	3862.5	4208.5	4282.0	4308.0	4334.0	4346.9	4359.9	4377.2	4390.1	4385.8	4390.1
27.5°	3680.8	4087.4	4182.6	4199.8	4234.4	4247.4	4264.7	4269.0	4273.4	4286.3	4277.7
30°	3477.5	3918.7	4061.4	4078.7	4134.9	4143.6	4126.3	4134.9	4156.6	4165.3	4173.9
32.5°	3248.2	3667.9	3936.0	3974.9	4026.8	4000.9	3996.6	4009.5	4044.1	4044.1	4052.8
35°	2936.8	3473.2	3819.2	3853.8	3892.7	3862.5	3879.8	3884.1	3905.7	3918.7	3914.3
37.5°	2595.2	3304.5	3698.1	3724.1	3754.3	3715.4	3741.4	3754.3	3771.6	3762.9	3762.9
40°	2292.4	3040.6	3555.4	3572.7	3598.6	3568.3	3594.3	3602.9	3611.6	3602.9	3598.6
42.5°	2067.5	2750.9	3404.0	3425.6	3408.3	3429.9	3438.6	3455.9	3442.9	3425.6	3425.6
45°	1894.4	2673.0	3239.6	3265.5	3239.6	3274.2	3287.2	3287.2	3248.2	3239.6	3235.3
47.5°	1838.3	2517.3	3075.3	3075.3	3062.3	3105.5	3127.2	3096.8	3058.0	3045.0	3045.0
50°	1833.9	2344.3	2850.4	2833.1	2893.6	2945.5	2923.9	2893.6	2863.3	2815.8	2815.8
52.5°	1665.2	2132.4	2560.5	2625.4	2720.6	2750.9	2716.3	2686.0	2634.0	2612.5	2595.2
55°	1544.1	1911.8	2296.7	2426.5	2525.9	2564.9	2500.0	2469.7	2391.9	2378.9	2370.3
57.5°	1518.2	1591.7	2054.5	2218.9	2339.9	2335.7	2296.7	2240.5	2175.6	2162.6	2158.3
60°	1392.8	1150.5	1795.0	1989.6	2115.1	2102.1	2067.5	2015.6	1955.0	1946.4	1937.7
62.5°	1263.0	834.8	1500.9	1721.5	1898.8	1894.4	1864.2	1786.3	1743.1	1721.5	1704.2
65°	1072.7	700.7	1068.3	1431.7	1686.9	1695.5	1630.6	1574.4	1526.8	1500.9	1496.5
67.5°	817.5	570.9	722.3	1193.7	1483.6	1474.9	1392.8	1366.8	1306.2	1293.3	1267.3
70°	605.5	380.6	501.7	968.9	1284.6	1263.0	1198.1	1167.8	1111.6	1081.3	1064.0
72.5°	501.7	307.1	367.6	752.6	1081.3	1055.4	999.1	964.5	916.9	891.0	873.7
75°	406.6	324.4	281.2	558.0	878.0	860.7	808.8	774.2	735.3	700.7	705.0
77.5°	298.5	302.8	224.9	410.9	696.3	670.4	640.1	596.9	579.6	545.0	545.0
80°	224.9	237.9	168.7	281.2	501.7	501.7	475.8	445.5	415.3	397.9	397.9
82.5°	151.4	151.4	125.4	177.3	341.7	328.7	311.4	302.8	285.5	276.8	276.8
85°	69.2	86.5	77.9	108.1	186.0	194.6	194.6	186.0	181.6	173.0	177.3
87.5°	21.6	38.9	47.5	60.6	95.2	99.5	103.8	103.8	103.8	108.1	108.1
90°	13.2	23.8	34.4	37.1	58.2	86.4	100.5	89.4	67.1	50.3	50.3
92.5°	52.9	142.9	232.9	255.4	359.1	497.3	566.4	496.4	356.4	251.4	241.5
95°	127.0	291.7	456.4	497.6	883.5	1398.2	1655.5	1477.3	1120.9	853.6	823.3
97.5°	219.6	364.9	510.3	546.6	1190.2	2048.3	2477.4	2364.7	2139.5	1970.5	1912.8
100°	291.1	422.9	554.7	587.6	1301.8	2254.1	2730.1	2738.4	2754.9	2767.2	2698.5
102.5°	352.0	475.0	597.8	628.6	1353.0	2318.7	2801.6	2945.1	3232.1	3447.4	3388.7
105°	455.2	559.3	663.5	689.5	1390.9	2326.0	2793.6	3115.3	3758.9	4241.4	4209.8
107.5°	561.1	658.2	755.2	779.5	1398.0	2222.6	2634.9	3083.6	3981.1	4654.3	4662.0
110°	632.6	720.2	807.9	829.8	1387.3	2130.8	2502.5	3004.2	4007.6	4760.2	4793.2



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	702.7	786.2	869.7	890.6	1387.7	2050.7	2382.1	2895.6	3922.5	4692.7	4743.3
115°	808.5	885.6	962.7	981.9	1400.6	1958.7	2237.9	2732.5	3721.8	4463.8	4533.9
117.5°	913.2	983.1	1053.2	1070.6	1426.6	1901.2	2138.6	2585.1	3477.9	4147.5	4225.2
120°	974.0	1039.9	1105.8	1122.3	1447.8	1881.9	2098.9	2506.8	3322.6	3934.5	4010.0
122.5°	1033.6	1100.0	1166.5	1183.1	1478.2	1871.8	2068.5	2435.8	3170.4	3721.4	3795.9
125°	1124.9	1185.5	1246.0	1261.2	1519.3	1863.3	2035.3	2347.3	2971.4	3439.4	3508.1
127.5°	1199.0	1260.2	1321.4	1336.6	1560.3	1858.5	2007.6	2275.4	2811.3	3213.1	3271.1
130°	1238.7	1304.6	1370.4	1386.9	1590.3	1861.4	1997.0	2235.5	2712.5	3070.3	3123.8
132.5°	1279.7	1345.6	1411.5	1428.0	1614.5	1863.3	1987.7	2201.2	2628.2	2948.5	2996.5
135°	1340.6	1400.6	1460.6	1475.6	1641.0	1861.6	1971.9	2150.7	2508.3	2776.5	2817.8
137.5°	1402.8	1462.2	1521.6	1536.4	1680.7	1873.0	1969.2	2120.4	2422.7	2649.4	2683.2
140°	1454.4	1509.1	1563.8	1577.5	1704.9	1874.9	1959.9	2090.5	2351.6	2547.5	2579.1
142.5°	1494.1	1544.7	1595.3	1607.9	1725.2	1881.7	1959.9	2074.6	2304.1	2476.1	2503.3
145°	1555.0	1599.1	1643.3	1654.2	1751.7	1881.7	1946.7	2040.5	2228.2	2368.8	2389.4
147.5°	1615.8	1658.8	1701.7	1712.4	1790.6	1894.7	1946.7	2020.5	2168.2	2278.8	2295.9
150°	1655.5	1694.4	1733.2	1742.9	1810.8	1901.4	1946.7	2009.1	2133.7	2227.2	2241.0
152.5°	1696.6	1726.0	1755.5	1762.8	1824.1	1905.8	1946.7	2000.0	2106.4	2186.2	2196.7
155°	1757.4	1779.2	1801.0	1806.4	1853.2	1915.6	1946.7	1989.1	2073.8	2137.2	2144.1
157.5°	1802.5	1823.6	1844.8	1850.1	1882.3	1925.3	1946.7	1979.6	2045.5	2094.9	2099.8
160°	1832.9	1849.4	1865.9	1870.0	1895.5	1929.7	1946.7	1974.9	2031.4	2073.8	2076.6
162.5°	1863.3	1875.7	1888.0	1891.1	1909.7	1934.4	1946.7	1970.6	2018.2	2053.9	2056.6
165°	1896.4	1907.5	1918.7	1921.5	1930.0	1941.1	1946.7	1963.8	1997.9	2023.4	2026.2
167.5°	1926.9	1932.2	1937.4	1938.7	1945.8	1955.3	1959.9	1971.1	1993.4	2010.2	2011.4
170°	1946.7	1952.0	1957.3	1958.6	1959.0	1959.6	1959.9	1971.1	1993.4	2010.2	2010.2
172.5°	1957.3	1958.5	1959.7	1959.9	1959.9	1959.9	1959.9	1968.8	1986.4	1999.6	1998.6
175°	1971.9	1971.9	1971.9	1971.9	1967.9	1962.6	1959.9	1965.6	1976.7	1985.1	1985.1
177.5°	1971.9	1971.9	1971.9	1971.9	1968.8	1964.6	1962.6	1967.0	1975.8	1982.4	1981.2
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4688.6	4675.6	4688.6	4680.0	4684.3	4671.3	4632.3	4619.4	4632.3	4645.4	4645.4
5°	4744.8	4736.2	4744.8	4744.8	4740.5	4731.8	4688.6	4680.0	4688.6	4692.9	4684.3
7.5°	4762.1	4749.1	4762.1	4753.5	4753.5	4744.8	4701.6	4692.9	4697.2	4710.2	4697.2
10°	4762.1	4749.1	4762.1	4757.8	4753.5	4744.8	4701.6	4684.3	4684.3	4697.2	4684.3
12.5°	4740.5	4731.8	4740.5	4731.8	4731.8	4723.1	4680.0	4662.7	4666.9	4671.3	4654.0
15°	4705.9	4692.9	4705.9	4697.2	4701.6	4688.6	4641.0	4623.7	4623.7	4632.3	4602.1
17.5°	4654.0	4636.7	4654.0	4649.6	4645.4	4636.7	4593.4	4576.1	4571.8	4576.1	4554.5
20°	4593.4	4580.4	4593.4	4589.1	4589.1	4571.8	4528.6	4506.9	4506.9	4506.9	4485.3
22.5°	4498.3	4485.3	4498.3	4506.9	4506.9	4502.6	4463.6	4433.4	4424.8	4424.8	4398.8
25°	4390.1	4377.2	4390.1	4390.1	4385.8	4390.1	4377.2	4359.9	4346.9	4334.0	4308.0
27.5°	4286.3	4277.7	4286.3	4277.7	4286.3	4273.4	4269.0	4264.7	4247.4	4234.4	4199.8
30°	4182.6	4173.9	4182.6	4173.9	4165.3	4156.6	4134.9	4126.3	4143.6	4134.9	4078.7
32.5°	4052.8	4044.1	4052.8	4052.8	4044.1	4044.1	4009.5	3996.6	4000.9	4026.8	3974.9
35°	3918.7	3905.7	3918.7	3914.3	3918.7	3905.7	3884.1	3879.8	3862.5	3892.7	3853.8
37.5°	3762.9	3750.0	3762.9	3762.9	3762.9	3771.6	3754.3	3741.4	3715.4	3754.3	3724.1
40°	3602.9	3585.6	3602.9	3598.6	3602.9	3611.6	3602.9	3594.3	3568.3	3598.6	3572.7
42.5°	3421.3	3416.9	3421.3	3425.6	3425.6	3442.9	3455.9	3438.6	3429.9	3408.3	3425.6
45°	3226.6	3218.0	3226.6	3235.3	3239.6	3248.2	3287.2	3287.2	3274.2	3239.6	3265.5
47.5°	3019.1	2997.4	3019.1	3045.0	3045.0	3058.0	3096.8	3127.2	3105.5	3062.3	3075.3
50°	2798.5	2802.7	2798.5	2815.8	2815.8	2863.3	2893.6	2923.9	2945.5	2893.6	2833.1
52.5°	2582.2	2577.9	2582.2	2595.2	2612.5	2634.0	2686.0	2716.3	2750.9	2720.6	2625.4
55°	2365.9	2374.6	2365.9	2370.3	2378.9	2391.9	2469.7	2500.0	2564.9	2525.9	2426.5
57.5°	2149.7	2136.6	2149.7	2158.3	2162.6	2175.6	2240.5	2296.7	2335.7	2339.9	2218.9
60°	1898.8	1881.5	1898.8	1937.7	1946.4	1955.0	2015.6	2067.5	2102.1	2115.1	1989.6
62.5°	1678.2	1647.9	1678.2	1704.2	1721.5	1743.1	1786.3	1864.2	1894.4	1898.8	1721.5
65°	1444.7	1431.7	1444.7	1496.5	1500.9	1526.8	1574.4	1630.6	1695.5	1686.9	1431.7
67.5°	1232.7	1232.7	1232.7	1267.3	1293.3	1306.2	1366.8	1392.8	1474.9	1483.6	1193.7
70°	1038.1	1033.7	1038.1	1064.0	1081.3	1111.6	1167.8	1198.1	1263.0	1284.6	968.9
72.5°	852.1	847.7	852.1	873.7	891.0	916.9	964.5	999.1	1055.4	1081.3	752.6
75°	687.7	679.0	687.7	705.0	700.7	735.3	774.2	808.8	860.7	878.0	558.0
77.5°	527.6	527.6	527.6	545.0	545.0	579.6	596.9	640.1	670.4	696.3	410.9
80°	393.6	389.3	393.6	397.9	397.9	415.3	445.5	475.8	501.7	501.7	281.2
82.5°	276.8	268.1	276.8	276.8	276.8	285.5	302.8	311.4	328.7	341.7	177.3
85°	173.0	173.0	173.0	177.3	173.0	181.6	186.0	194.6	194.6	186.0	108.1
87.5°	112.5	108.1	112.5	108.1	108.1	103.8	103.8	103.8	99.5	95.2	60.6
90°	50.3	50.3	50.3	50.3	50.3	67.1	89.4	100.5	86.4	58.2	37.1
92.5°	201.4	161.5	201.4	241.5	251.4	356.4	496.4	566.4	497.3	359.1	255.4
95°	702.1	581.0	702.1	823.3	853.6	1120.9	1477.3	1655.5	1398.2	883.5	497.6
97.5°	1682.3	1451.7	1682.3	1912.8	1970.5	2139.5	2364.7	2477.4	2048.3	1190.2	546.6
100°	2423.9	2149.2	2423.9	2698.5	2767.2	2754.9	2738.4	2730.1	2254.1	1301.8	587.6
102.5°	3153.3	2918.1	3153.3	3388.7	3447.4	3232.1	2945.1	2801.6	2318.7	1353.0	628.6
105°	4083.4	3956.9	4083.4	4209.8	4241.4	3758.9	3115.3	2793.6	2326.0	1390.9	689.5
107.5°	4692.6	4723.1	4692.6	4662.0	4654.3	3981.1	3083.6	2634.9	2222.6	1398.0	779.5
110°	4924.9	5056.6	4924.9	4793.2	4760.2	4007.6	3004.2	2502.5	2130.8	1387.3	829.8





TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4945.6	5148.0	4945.6	4743.3	4692.7	3922.5	2895.6	2382.1	2050.7	1387.7	890.6
115°	4814.5	5095.0	4814.5	4533.9	4463.8	3721.8	2732.5	2237.9	1958.7	1400.6	981.9
117.5°	4536.4	4847.5	4536.4	4225.2	4147.5	3477.9	2585.1	2138.6	1901.2	1426.6	1070.6
120°	4312.3	4614.6	4312.3	4010.0	3934.5	3322.6	2506.8	2098.9	1881.9	1447.8	1122.3
122.5°	4094.1	4392.3	4094.1	3795.9	3721.4	3170.4	2435.8	2068.5	1871.8	1478.2	1183.1
125°	3782.8	4057.5	3782.8	3508.1	3439.4	2971.4	2347.3	2035.3	1863.3	1519.3	1261.2
127.5°	3502.8	3734.6	3502.8	3271.1	3213.1	2811.3	2275.4	2007.6	1858.5	1560.3	1336.6
130°	3337.9	3552.0	3337.9	3123.8	3070.3	2712.5	2235.5	1997.0	1861.4	1590.3	1386.9
132.5°	3188.2	3379.9	3188.2	2996.5	2948.5	2628.2	2201.2	1987.7	1863.3	1614.5	1428.0
135°	2983.0	3148.3	2983.0	2817.8	2776.5	2508.3	2150.7	1971.9	1861.6	1641.0	1475.6
137.5°	2818.5	2953.8	2818.5	2683.2	2649.4	2422.7	2120.4	1969.2	1873.0	1680.7	1536.4
140°	2705.6	2832.0	2705.6	2579.1	2547.5	2351.6	2090.5	1959.9	1874.9	1704.9	1577.5
142.5°	2612.1	2720.9	2612.1	2503.3	2476.1	2304.1	2074.6	1959.9	1881.7	1725.2	1607.9
145°	2471.7	2554.1	2471.7	2389.4	2368.8	2228.2	2040.5	1946.7	1881.7	1751.7	1654.2
147.5°	2364.1	2432.4	2364.1	2295.9	2278.8	2168.2	2020.5	1946.7	1894.7	1790.6	1712.4
150°	2296.4	2351.7	2296.4	2241.0	2227.2	2133.7	2009.1	1946.7	1901.4	1810.8	1742.9
152.5°	2238.5	2280.2	2238.5	2196.7	2186.2	2106.4	2000.0	1946.7	1905.8	1824.1	1762.8
155°	2171.8	2199.4	2171.8	2144.1	2137.2	2073.8	1989.1	1946.7	1915.6	1853.2	1806.4
157.5°	2119.2	2138.6	2119.2	2099.8	2094.9	2045.5	1979.6	1946.7	1925.3	1882.3	1850.1
160°	2087.7	2098.9	2087.7	2076.6	2073.8	2031.4	1974.9	1946.7	1929.7	1895.5	1870.0
162.5°	2067.1	2077.7	2067.1	2056.6	2053.9	2018.2	1970.6	1946.7	1934.4	1909.7	1891.1
165°	2037.4	2048.6	2037.4	2026.2	2023.4	1997.9	1963.8	1946.7	1941.1	1930.0	1921.5
167.5°	2016.1	2020.8	2016.1	2011.4	2010.2	1993.4	1971.1	1959.9	1955.3	1945.8	1938.7
170°	2010.2	2010.2	2010.2	2010.2	2010.2	1993.4	1971.1	1959.9	1959.6	1959.0	1958.6
172.5°	1994.4	1990.4	1994.4	1998.6	1999.6	1986.4	1968.8	1959.9	1959.9	1959.9	1959.9
175°	1985.1	1985.1	1985.1	1985.1	1985.1	1976.7	1965.6	1959.9	1962.6	1967.9	1971.9
177.5°	1976.6	1971.9	1976.6	1981.2	1982.4	1975.8	1967.0	1962.6	1964.6	1968.8	1971.9
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4636.7	4610.8	4610.8	4567.5	4550.2	4537.2	4515.6	4450.7	4433.4	4416.1	4442.1
5°	4675.6	4628.1	4593.4	4515.6	4450.7	4424.8	4342.6	4186.8	4083.0	4005.2	3962.0
7.5°	4684.3	4623.7	4558.8	4437.7	4282.0	4212.8	3962.0	3676.5	3598.6	3529.4	3486.1
10°	4675.6	4606.4	4515.6	4334.0	3966.2	3845.2	3594.3	3408.3	3360.7	3347.8	3360.7
12.5°	4645.4	4580.4	4455.0	4152.2	3637.5	3555.4	3408.3	3300.1	3291.5	3313.2	3429.9
15°	4593.4	4532.9	4385.8	3910.0	3455.9	3395.3	3291.5	3252.6	3300.1	3451.5	3801.9
17.5°	4541.5	4472.3	4290.7	3672.1	3317.5	3274.2	3200.7	3278.6	3546.7	3750.0	3866.8
20°	4472.3	4390.1	4182.6	3499.2	3218.0	3179.1	3144.5	3494.8	3698.1	3771.6	3836.5
22.5°	4390.1	4303.6	4035.5	3378.0	3114.2	3083.9	3105.5	3615.9	3698.1	3750.0	3806.2
25°	4282.0	4208.5	3862.5	3282.8	3032.0	2997.4	3079.6	3602.9	3650.5	3663.5	3776.0
27.5°	4182.6	4087.4	3680.8	3196.4	2932.5	2919.5	3101.2	3546.7	3581.3	3594.3	3715.4
30°	4061.4	3918.7	3477.5	3105.5	2828.7	2824.4	3105.5	3477.5	3468.8	3503.4	3624.6
32.5°	3936.0	3667.9	3248.2	2993.1	2729.2	2725.0	3075.3	3373.7	3365.1	3412.6	3503.4
35°	3819.2	3473.2	2936.8	2863.3	2603.8	2608.1	3001.8	3252.6	3256.9	3300.1	3356.4
37.5°	3698.1	3304.5	2595.2	2720.6	2482.7	2482.7	2902.3	3140.1	3131.5	3144.5	3222.3
40°	3555.4	3040.6	2292.4	2534.6	2370.3	2357.2	2781.2	3019.1	2988.7	2984.5	3092.6
42.5°	3404.0	2750.9	2067.5	2288.0	2240.5	2223.2	2634.0	2872.0	2815.8	2828.7	2967.1
45°	3239.6	2673.0	1894.4	1933.4	2106.4	2093.4	2474.0	2703.3	2664.4	2699.0	2841.7
47.5°	3075.3	2517.3	1838.3	1604.7	1963.7	1959.3	2296.7	2539.0	2517.3	2551.9	2703.3
50°	2850.4	2344.3	1833.9	1375.5	1803.6	1820.9	2084.8	2378.9	2378.9	2409.2	2569.2
52.5°	2560.5	2132.4	1665.2	1245.7	1617.6	1669.6	1898.8	2240.5	2249.1	2279.4	2422.2
55°	2296.7	1911.8	1544.1	1146.2	1397.0	1509.5	1717.1	2097.7	2115.1	2145.3	2275.1
57.5°	2054.5	1591.7	1518.2	1029.4	1193.7	1301.9	1557.1	1959.3	1968.0	1993.9	2119.4
60°	1795.0	1150.5	1392.8	904.0	1016.4	1098.7	1410.1	1795.0	1825.2	1842.5	1950.7
62.5°	1500.9	834.8	1263.0	817.5	930.0	947.3	1288.9	1639.2	1678.2	1691.1	1756.1
65°	1068.3	700.7	1072.7	744.0	839.1	843.4	1159.1	1479.2	1513.8	1535.5	1583.0
67.5°	722.3	570.9	817.5	674.7	769.9	774.2	1033.7	1293.3	1340.8	1358.2	1388.4
70°	501.7	380.6	605.5	601.2	692.1	700.7	899.6	1124.6	1167.8	1180.8	1198.1
72.5°	367.6	307.1	501.7	540.7	609.9	618.6	761.3	934.2	977.5	990.4	999.1
75°	281.2	324.4	406.6	471.4	519.0	523.4	622.8	761.3	791.5	800.2	804.5
77.5°	224.9	302.8	298.5	380.6	423.9	415.3	488.8	588.2	614.2	614.2	614.2
80°	168.7	237.9	224.9	272.5	311.4	302.8	350.3	419.5	428.2	436.8	432.6
82.5°	125.4	151.4	151.4	173.0	207.6	198.9	233.5	272.5	272.5	272.5	281.2
85°	77.9	86.5	69.2	90.8	116.8	112.5	129.8	147.1	151.4	151.4	142.7
87.5°	47.5	38.9	21.6	34.6	51.9	51.9	60.6	64.8	60.6	60.6	60.6
90°	34.4	23.8	13.2	23.8	34.4	37.1	58.2	86.4	100.5	89.4	67.1
92.5°	232.9	142.9	52.9	142.9	232.9	255.4	359.1	497.3	566.4	496.4	356.4
95°	456.4	291.7	127.0	291.7	456.4	497.6	883.5	1398.2	1655.5	1477.3	1120.9
97.5°	510.3	364.9	219.6	364.9	510.3	546.6	1190.2	2048.3	2477.4	2364.7	2139.5
100°	554.7	422.9	291.1	422.9	554.7	587.6	1301.8	2254.1	2730.1	2738.4	2754.9
102.5°	597.8	475.0	352.0	475.0	597.8	628.6	1353.0	2318.7	2801.6	2945.1	3232.1
105°	663.5	559.3	455.2	559.3	663.5	689.5	1390.9	2326.0	2793.6	3115.3	3758.9
107.5°	755.2	658.2	561.1	658.2	755.2	779.5	1398.0	2222.6	2634.9	3083.6	3981.1
110°	807.9	720.2	632.6	720.2	807.9	829.8	1387.3	2130.8	2502.5	3004.2	4007.6



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	869.7	786.2	702.7	786.2	869.7	890.6	1387.7	2050.7	2382.1	2895.6	3922.5
115°	962.7	885.6	808.5	885.6	962.7	981.9	1400.6	1958.7	2237.9	2732.5	3721.8
117.5°	1053.2	983.1	913.2	983.1	1053.2	1070.6	1426.6	1901.2	2138.6	2585.1	3477.9
120°	1105.8	1039.9	974.0	1039.9	1105.8	1122.3	1447.8	1881.9	2098.9	2506.8	3322.6
122.5°	1166.5	1100.0	1033.6	1100.0	1166.5	1183.1	1478.2	1871.8	2068.5	2435.8	3170.4
125°	1246.0	1185.5	1124.9	1185.5	1246.0	1261.2	1519.3	1863.3	2035.3	2347.3	2971.4
127.5°	1321.4	1260.2	1199.0	1260.2	1321.4	1336.6	1560.3	1858.5	2007.6	2275.4	2811.3
130°	1370.4	1304.6	1238.7	1304.6	1370.4	1386.9	1590.3	1861.4	1997.0	2235.5	2712.5
132.5°	1411.5	1345.6	1279.7	1345.6	1411.5	1428.0	1614.5	1863.3	1987.7	2201.2	2628.2
135°	1460.6	1400.6	1340.6	1400.6	1460.6	1475.6	1641.0	1861.6	1971.9	2150.7	2508.3
137.5°	1521.6	1462.2	1402.8	1462.2	1521.6	1536.4	1680.7	1873.0	1969.2	2120.4	2422.7
140°	1563.8	1509.1	1454.4	1509.1	1563.8	1577.5	1704.9	1874.9	1959.9	2090.5	2351.6
142.5°	1595.3	1544.7	1494.1	1544.7	1595.3	1607.9	1725.2	1881.7	1959.9	2074.6	2304.1
145°	1643.3	1599.1	1555.0	1599.1	1643.3	1654.2	1751.7	1881.7	1946.7	2040.5	2228.2
147.5°	1701.7	1658.8	1615.8	1658.8	1701.7	1712.4	1790.6	1894.7	1946.7	2020.5	2168.2
150°	1733.2	1694.4	1655.5	1694.4	1733.2	1742.9	1810.8	1901.4	1946.7	2009.1	2133.7
152.5°	1755.5	1726.0	1696.6	1726.0	1755.5	1762.8	1824.1	1905.8	1946.7	2000.0	2106.4
155°	1801.0	1779.2	1757.4	1779.2	1801.0	1806.4	1853.2	1915.6	1946.7	1989.1	2073.8
157.5°	1844.8	1823.6	1802.5	1823.6	1844.8	1850.1	1882.3	1925.3	1946.7	1979.6	2045.5
160°	1865.9	1849.4	1832.9	1849.4	1865.9	1870.0	1895.5	1929.7	1946.7	1974.9	2031.4
162.5°	1888.0	1875.7	1863.3	1875.7	1888.0	1891.1	1909.7	1934.4	1946.7	1970.6	2018.2
165°	1918.7	1907.5	1896.4	1907.5	1918.7	1921.5	1930.0	1941.1	1946.7	1963.8	1997.9
167.5°	1937.4	1932.2	1926.9	1932.2	1937.4	1938.7	1945.8	1955.3	1959.9	1971.1	1993.4
170°	1957.3	1952.0	1946.7	1952.0	1957.3	1958.6	1959.0	1959.6	1959.9	1971.1	1993.4
172.5°	1959.7	1958.5	1957.3	1958.5	1959.7	1959.9	1959.9	1959.9	1959.9	1968.8	1986.4
175°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1967.9	1962.6	1959.9	1976.7
177.5°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1968.8	1964.6	1962.6	1975.8
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4411.7	4398.8	4416.1	4368.5	4416.1	4398.8	4411.7	4442.1	4416.1	4433.4	4450.7
5°	3871.1	3849.5	3780.2	3724.1	3780.2	3849.5	3871.1	3962.0	4005.2	4083.0	4186.8
7.5°	3460.2	3442.9	3425.6	3391.0	3425.6	3442.9	3460.2	3486.1	3529.4	3598.6	3676.5
10°	3369.4	3373.7	3399.7	3395.3	3399.7	3373.7	3369.4	3360.7	3347.8	3360.7	3408.3
12.5°	3602.9	3641.9	3784.6	3776.0	3784.6	3641.9	3602.9	3429.9	3313.2	3291.5	3300.1
15°	3871.1	3884.1	3914.3	3918.7	3914.3	3884.1	3871.1	3801.9	3451.5	3300.1	3252.6
17.5°	3897.0	3901.4	3923.0	3923.0	3923.0	3901.4	3897.0	3866.8	3750.0	3546.7	3278.6
20°	3875.4	3884.1	3927.4	3936.0	3927.4	3884.1	3875.4	3836.5	3771.6	3698.1	3494.8
22.5°	3866.8	3884.1	3918.7	3914.3	3918.7	3884.1	3866.8	3806.2	3750.0	3698.1	3615.9
25°	3823.5	3823.5	3827.9	3832.2	3827.9	3823.5	3823.5	3776.0	3663.5	3650.5	3602.9
27.5°	3732.7	3741.4	3767.3	3762.9	3767.3	3741.4	3732.7	3715.4	3594.3	3581.3	3546.7
30°	3650.5	3641.9	3620.2	3602.9	3620.2	3641.9	3650.5	3624.6	3503.4	3468.8	3477.5
32.5°	3512.1	3490.5	3468.8	3455.9	3468.8	3490.5	3512.1	3503.4	3412.6	3365.1	3373.7
35°	3347.8	3352.1	3347.8	3334.8	3347.8	3352.1	3347.8	3356.4	3300.1	3256.9	3252.6
37.5°	3231.0	3239.6	3235.3	3218.0	3235.3	3239.6	3231.0	3222.3	3144.5	3131.5	3140.1
40°	3109.9	3114.2	3109.9	3096.8	3109.9	3114.2	3109.9	3092.6	2984.5	2988.7	3019.1
42.5°	2993.1	2988.7	2975.8	2967.1	2975.8	2988.7	2993.1	2967.1	2828.7	2815.8	2872.0
45°	2859.0	2863.3	2837.3	2824.4	2837.3	2863.3	2859.0	2841.7	2699.0	2664.4	2703.3
47.5°	2725.0	2725.0	2703.3	2690.3	2703.3	2725.0	2725.0	2703.3	2551.9	2517.3	2539.0
50°	2582.2	2577.9	2547.6	2543.2	2547.6	2577.9	2582.2	2569.2	2409.2	2378.9	2378.9
52.5°	2417.8	2417.8	2422.2	2430.8	2422.2	2417.8	2417.8	2422.2	2279.4	2249.1	2240.5
55°	2275.1	2279.4	2309.7	2318.4	2309.7	2279.4	2275.1	2275.1	2145.3	2115.1	2097.7
57.5°	2128.0	2128.0	2149.7	2149.7	2149.7	2128.0	2128.0	2119.4	1993.9	1968.0	1959.3
60°	1959.3	1968.0	1985.3	1981.0	1985.3	1968.0	1959.3	1950.7	1842.5	1825.2	1795.0
62.5°	1782.0	1790.6	1795.0	1786.3	1795.0	1790.6	1782.0	1756.1	1691.1	1678.2	1639.2
65°	1596.1	1604.7	1609.0	1600.3	1609.0	1604.7	1596.1	1583.0	1535.5	1513.8	1479.2
67.5°	1405.7	1401.4	1397.0	1414.3	1397.0	1401.4	1405.7	1388.4	1358.2	1340.8	1293.3
70°	1211.0	1211.0	1206.8	1215.4	1206.8	1211.0	1211.0	1198.1	1180.8	1167.8	1124.6
72.5°	1003.5	999.1	1016.4	1003.5	1016.4	999.1	1003.5	999.1	990.4	977.5	934.2
75°	800.2	808.8	800.2	813.1	800.2	808.8	800.2	804.5	800.2	791.5	761.3
77.5°	609.9	618.6	609.9	609.9	609.9	618.6	609.9	614.2	614.2	614.2	588.2
80°	432.6	428.2	428.2	423.9	428.2	428.2	432.6	432.6	436.8	428.2	419.5
82.5°	276.8	272.5	272.5	281.2	272.5	272.5	276.8	281.2	272.5	272.5	272.5
85°	151.4	155.7	147.1	147.1	147.1	155.7	151.4	142.7	151.4	151.4	147.1
87.5°	56.2	51.9	51.9	51.9	51.9	51.9	56.2	60.6	60.6	60.6	64.8
90°	50.3	50.3	50.3	50.3	50.3	50.3	50.3	67.1	89.4	100.5	86.4
92.5°	251.4	241.5	201.4	161.5	201.4	241.5	251.4	356.4	496.4	566.4	497.3
95°	853.6	823.3	702.1	581.0	702.1	823.3	853.6	1120.9	1477.3	1655.5	1398.2
97.5°	1970.5	1912.8	1682.3	1451.7	1682.3	1912.8	1970.5	2139.5	2364.7	2477.4	2048.3
100°	2767.2	2698.5	2423.9	2149.2	2423.9	2698.5	2767.2	2754.9	2738.4	2730.1	2254.1
102.5°	3447.4	3388.7	3153.3	2918.1	3153.3	3388.7	3447.4	3232.1	2945.1	2801.6	2318.7
105°	4241.4	4209.8	4083.4	3956.9	4083.4	4209.8	4241.4	3758.9	3115.3	2793.6	2326.0
107.5°	4654.3	4662.0	4692.6	4723.1	4692.6	4662.0	4654.3	3981.1	3083.6	2634.9	2222.6
110°	4760.2	4793.2	4924.9	5056.6	4924.9	4793.2	4760.2	4007.6	3004.2	2502.5	2130.8



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4692.7	4743.3	4945.6	5148.0	4945.6	4743.3	4692.7	3922.5	2895.6	2382.1	2050.7
115°	4463.8	4533.9	4814.5	5095.0	4814.5	4533.9	4463.8	3721.8	2732.5	2237.9	1958.7
117.5°	4147.5	4225.2	4536.4	4847.5	4536.4	4225.2	4147.5	3477.9	2585.1	2138.6	1901.2
120°	3934.5	4010.0	4312.3	4614.6	4312.3	4010.0	3934.5	3322.6	2506.8	2098.9	1881.9
122.5°	3721.4	3795.9	4094.1	4392.3	4094.1	3795.9	3721.4	3170.4	2435.8	2068.5	1871.8
125°	3439.4	3508.1	3782.8	4057.5	3782.8	3508.1	3439.4	2971.4	2347.3	2035.3	1863.3
127.5°	3213.1	3271.1	3502.8	3734.6	3502.8	3271.1	3213.1	2811.3	2275.4	2007.6	1858.5
130°	3070.3	3123.8	3337.9	3552.0	3337.9	3123.8	3070.3	2712.5	2235.5	1997.0	1861.4
132.5°	2948.5	2996.5	3188.2	3379.9	3188.2	2996.5	2948.5	2628.2	2201.2	1987.7	1863.3
135°	2776.5	2817.8	2983.0	3148.3	2983.0	2817.8	2776.5	2508.3	2150.7	1971.9	1861.6
137.5°	2649.4	2683.2	2818.5	2953.8	2818.5	2683.2	2649.4	2422.7	2120.4	1969.2	1873.0
140°	2547.5	2579.1	2705.6	2832.0	2705.6	2579.1	2547.5	2351.6	2090.5	1959.9	1874.9
142.5°	2476.1	2503.3	2612.1	2720.9	2612.1	2503.3	2476.1	2304.1	2074.6	1959.9	1881.7
145°	2368.8	2389.4	2471.7	2554.1	2471.7	2389.4	2368.8	2228.2	2040.5	1946.7	1881.7
147.5°	2278.8	2295.9	2364.1	2432.4	2364.1	2295.9	2278.8	2168.2	2020.5	1946.7	1894.7
150°	2227.2	2241.0	2296.4	2351.7	2296.4	2241.0	2227.2	2133.7	2009.1	1946.7	1901.4
152.5°	2186.2	2196.7	2238.5	2280.2	2238.5	2196.7	2186.2	2106.4	2000.0	1946.7	1905.8
155°	2137.2	2144.1	2171.8	2199.4	2171.8	2144.1	2137.2	2073.8	1989.1	1946.7	1915.6
157.5°	2094.9	2099.8	2119.2	2138.6	2119.2	2099.8	2094.9	2045.5	1979.6	1946.7	1925.3
160°	2073.8	2076.6	2087.7	2098.9	2087.7	2076.6	2073.8	2031.4	1974.9	1946.7	1929.7
162.5°	2053.9	2056.6	2067.1	2077.7	2067.1	2056.6	2053.9	2018.2	1970.6	1946.7	1934.4
165°	2023.4	2026.2	2037.4	2048.6	2037.4	2026.2	2023.4	1997.9	1963.8	1946.7	1941.1
167.5°	2010.2	2011.4	2016.1	2020.8	2016.1	2011.4	2010.2	1993.4	1971.1	1959.9	1955.3
170°	2010.2	2010.2	2010.2	2010.2	2010.2	2010.2	2010.2	1993.4	1971.1	1959.9	1959.6
172.5°	1999.6	1998.6	1994.4	1990.4	1994.4	1998.6	1999.6	1986.4	1968.8	1959.9	1959.9
175°	1985.1	1985.1	1985.1	1985.1	1985.1	1985.1	1985.1	1976.7	1965.6	1959.9	1962.6
177.5°	1982.4	1981.2	1976.6	1971.9	1976.6	1981.2	1982.4	1975.8	1967.0	1962.6	1964.6
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



TEST NUMBER: P935769

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4515.6	4537.2	4550.2	4567.5	4610.8
5°	4342.6	4424.8	4450.7	4515.6	4593.4
7.5°	3962.0	4212.8	4282.0	4437.7	4558.8
10°	3594.3	3845.2	3966.2	4334.0	4515.6
12.5°	3408.3	3555.4	3637.5	4152.2	4455.0
15°	3291.5	3395.3	3455.9	3910.0	4385.8
17.5°	3200.7	3274.2	3317.5	3672.1	4290.7
20°	3144.5	3179.1	3218.0	3499.2	4182.6
22.5°	3105.5	3083.9	3114.2	3378.0	4035.5
25°	3079.6	2997.4	3032.0	3282.8	3862.5
27.5°	3101.2	2919.5	2932.5	3196.4	3680.8
30°	3105.5	2824.4	2828.7	3105.5	3477.5
32.5°	3075.3	2725.0	2729.2	2993.1	3248.2
35°	3001.8	2608.1	2603.8	2863.3	2936.8
37.5°	2902.3	2482.7	2482.7	2720.6	2595.2
40°	2781.2	2357.2	2370.3	2534.6	2292.4
42.5°	2634.0	2223.2	2240.5	2288.0	2067.5
45°	2474.0	2093.4	2106.4	1933.4	1894.4
47.5°	2296.7	1959.3	1963.7	1604.7	1838.3
50°	2084.8	1820.9	1803.6	1375.5	1833.9
52.5°	1898.8	1669.6	1617.6	1245.7	1665.2
55°	1717.1	1509.5	1397.0	1146.2	1544.1
57.5°	1557.1	1301.9	1193.7	1029.4	1518.2
60°	1410.1	1098.7	1016.4	904.0	1392.8
62.5°	1288.9	947.3	930.0	817.5	1263.0
65°	1159.1	843.4	839.1	744.0	1072.7
67.5°	1033.7	774.2	769.9	674.7	817.5
70°	899.6	700.7	692.1	601.2	605.5
72.5°	761.3	618.6	609.9	540.7	501.7
75°	622.8	523.4	519.0	471.4	406.6
77.5°	488.8	415.3	423.9	380.6	298.5
80°	350.3	302.8	311.4	272.5	224.9
82.5°	233.5	198.9	207.6	173.0	151.4
85°	129.8	112.5	116.8	90.8	69.2
87.5°	60.6	51.9	51.9	34.6	21.6
90°	58.2	37.1	34.4	23.8	13.2
92.5°	359.1	255.4	232.9	142.9	52.9
95°	883.5	497.6	456.4	291.7	127.0
97.5°	1190.2	546.6	510.3	364.9	219.6
100°	1301.8	587.6	554.7	422.9	291.1
102.5°	1353.0	628.6	597.8	475.0	352.0
105°	1390.9	689.5	663.5	559.3	455.2
107.5°	1398.0	779.5	755.2	658.2	561.1
110°	1387.3	829.8	807.9	720.2	632.6



TEST NUMBER: P935769  
 CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1387.7	890.6	869.7	786.2	702.7
115°	1400.6	981.9	962.7	885.6	808.5
117.5°	1426.6	1070.6	1053.2	983.1	913.2
120°	1447.8	1122.3	1105.8	1039.9	974.0
122.5°	1478.2	1183.1	1166.5	1100.0	1033.6
125°	1519.3	1261.2	1246.0	1185.5	1124.9
127.5°	1560.3	1336.6	1321.4	1260.2	1199.0
130°	1590.3	1386.9	1370.4	1304.6	1238.7
132.5°	1614.5	1428.0	1411.5	1345.6	1279.7
135°	1641.0	1475.6	1460.6	1400.6	1340.6
137.5°	1680.7	1536.4	1521.6	1462.2	1402.8
140°	1704.9	1577.5	1563.8	1509.1	1454.4
142.5°	1725.2	1607.9	1595.3	1544.7	1494.1
145°	1751.7	1654.2	1643.3	1599.1	1555.0
147.5°	1790.6	1712.4	1701.7	1658.8	1615.8
150°	1810.8	1742.9	1733.2	1694.4	1655.5
152.5°	1824.1	1762.8	1755.5	1726.0	1696.6
155°	1853.2	1806.4	1801.0	1779.2	1757.4
157.5°	1882.3	1850.1	1844.8	1823.6	1802.5
160°	1895.5	1870.0	1865.9	1849.4	1832.9
162.5°	1909.7	1891.1	1888.0	1875.7	1863.3
165°	1930.0	1921.5	1918.7	1907.5	1896.4
167.5°	1945.8	1938.7	1937.4	1932.2	1926.9
170°	1959.0	1958.6	1957.3	1952.0	1946.7
172.5°	1959.9	1959.9	1959.7	1958.5	1957.3
175°	1967.9	1971.9	1971.9	1971.9	1971.9
177.5°	1968.8	1971.9	1971.9	1971.9	1971.9
180°	1971.9	1971.9	1971.9	1971.9	1971.9



TEST NUMBER: P935769  
 CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-12

**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	13.84	14.69	14.81	15.67	16.97	16.69	17.54	17.66	18.52	19.82
	3H	14.32	15.07	15.30	16.07	17.39	18.04	18.80	19.03	19.80	21.11
	4H	14.51	15.22	15.50	16.22	17.55	18.49	19.21	19.49	20.21	21.53
	6H	14.62	15.28	15.63	16.29	17.63	18.78	19.44	19.79	20.44	21.78
	8H	14.62	15.25	15.64	16.27	17.61	18.86	19.48	19.87	20.51	21.84
	12H	14.60	15.19	15.61	16.21	17.57	18.90	19.50	19.92	20.51	21.87
4H	2H	14.88	15.59	15.88	16.59	17.92	17.10	17.81	18.10	18.81	20.14
	3H	15.90	16.50	16.91	17.53	18.87	18.61	19.21	19.62	20.23	21.58
	4H	16.18	16.72	17.20	17.74	19.11	19.14	19.69	20.16	20.71	22.07
	6H	16.30	16.77	17.33	17.81	19.18	19.51	19.98	20.54	21.02	22.38
	8H	16.31	16.74	17.34	17.78	19.16	19.62	20.06	20.65	21.10	22.47
	12H	16.27	16.67	17.32	17.72	19.10	19.68	20.08	20.73	21.13	22.51
8H	4H	16.63	17.07	17.67	18.11	19.48	19.26	19.70	20.30	20.74	22.11
	6H	16.89	17.26	17.95	18.33	19.71	19.70	20.07	20.76	21.15	22.52
	8H	16.94	17.25	18.00	18.32	19.71	19.86	20.18	20.92	21.24	22.63
	12H	16.92	17.20	17.99	18.26	19.69	19.96	20.24	21.03	21.30	22.73
12H	4H	16.64	17.03	17.69	18.09	19.47	19.23	19.62	20.28	20.67	22.06
	6H	16.96	17.27	18.02	18.34	19.73	19.70	20.02	20.77	21.08	22.48
	8H	17.02	17.30	18.09	18.36	19.79	19.87	20.15	20.93	21.20	22.64