

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: P935756

Luminaire Tested: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935756
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-93050-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

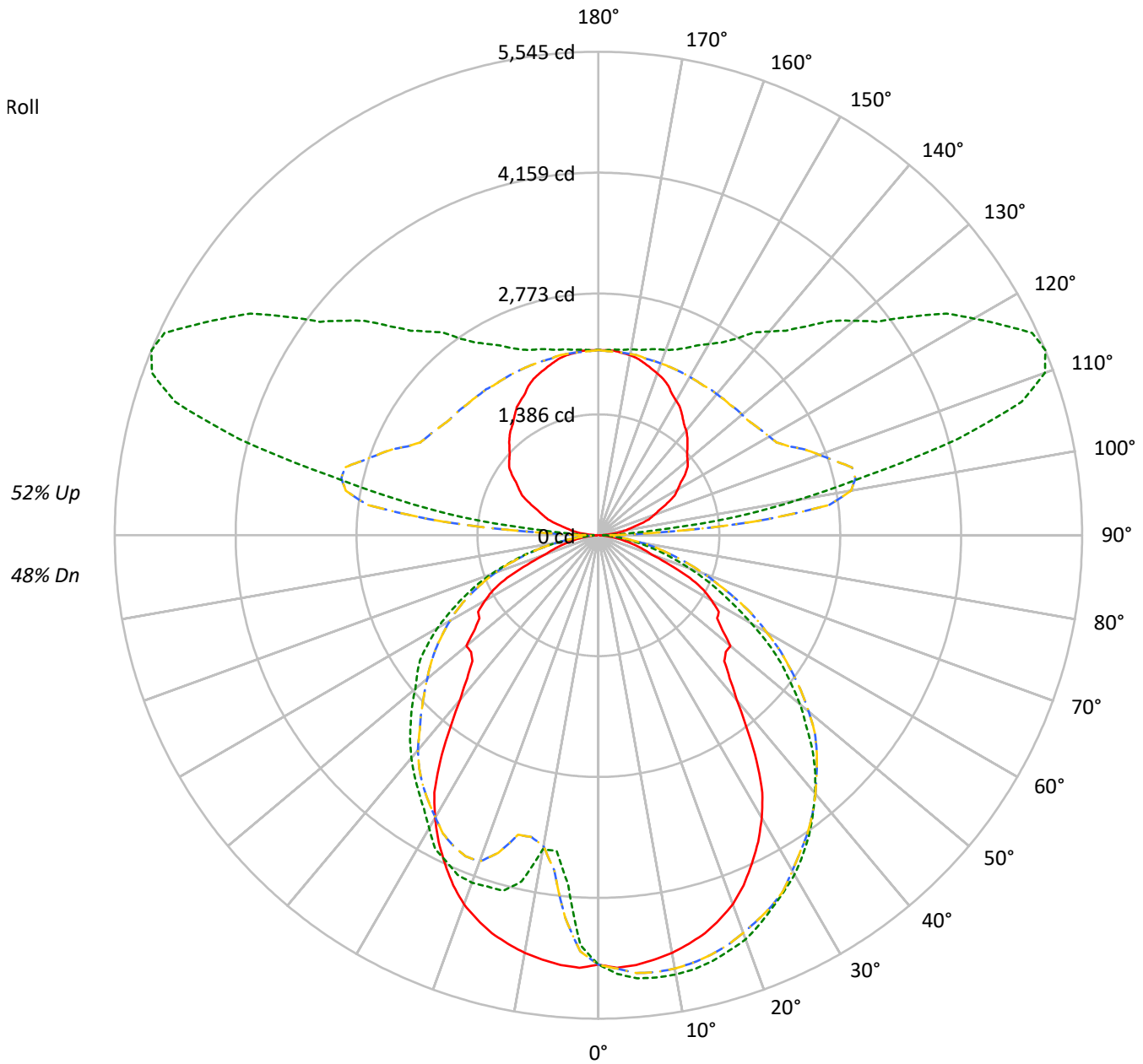
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26544.3 lumens
Efficiency: N/A
Efficacy: 117.7 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: P935756
CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15232	15232	15232	15232
5°	15351	15375	15351	12090
10°	15254	15145	15254	10828
15°	15093	14817	15093	12373
20°	14784	14428	14784	12399
25°	14143	13862	14143	12136
30°	13314	13391	13314	11559
35°	11875	12796	11875	10925
40°	9901	12095	9901	10446
45°	8852	11274	8852	9895
50°	9412	10295	9412	9342
55°	8863	9242	8863	9023
60°	9148	7849	9148	8264
65°	8308	6488	8308	7252
70°	5766	5171	5766	6079
75°	5075	3822	5075	4577
80°	4121	2527	4121	2752
85°	2414	1339	2414	1138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13558 cd/sqm



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.5	1.7
10°-20°	1262.1	4.8
20°-30°	1950.9	7.3
30°-40°	2329.0	8.8
40°-50°	2342.7	8.8
50°-60°	2038.4	7.7
60°-70°	1445.3	5.4
70°-80°	764.6	2.9
80°-90°	198.5	0.7
90°-100°	1035.3	3.9
100°-110°	2721.8	10.3
110°-120°	2822.2	10.6
120°-130°	2263.8	8.5
130°-140°	1776.3	6.7
140°-150°	1363.4	5.1
150°-160°	981.9	3.7
160°-170°	600.7	2.3
170°-180°	203.0	0.8
0°-30°	3657.5	13.8
0°-40°	5986.5	22.6
0°-60°	10367.6	39.1
0°-90°	12776.0	48.1
90°-120°	6579.4	24.8
90°-150°	11982.8	45.1
90°-180°	13768.0	51.9
0°-180°	26544.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4924	4924	4924	4924	4924	
5°	4948	5101	4948	4011	4948	469
15°	4724	5055	4724	4221	4724	1329
25°	4160	4715	4160	4128	4160	1910
35°	3163	4207	3163	3592	3163	1957
45°	2040	3466	2040	3042	2040	1635
55°	1663	2558	1663	2497	1663	1528
65°	1155	1542	1155	1724	1155	1104
75°	438	731	438	876	438	460
85°	74	186	74	158	74	101
90°	14	54	14	54	14	15
95°	137	626	137	626	137	152
105°	490	4262	490	4262	490	520
115°	871	5488	871	5488	871	860
125°	1212	4370	1212	4370	1212	1076
135°	1444	3391	1444	3391	1444	1117
145°	1675	2751	1675	2751	1675	1049
155°	1893	2369	1893	2369	1893	870
165°	2043	2207	2043	2207	2043	576
175°	2124	2138	2124	2138	2124	202
180°	2124	2124	2124	2124	2124	



TEST NUMBER: P935756
 CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4966.3	4966.3	4994.2	5003.5	5003.5	4989.5	4975.6	4989.5	5031.4	5045.5	5040.8
5°	4947.6	4984.9	5036.1	5045.5	5054.8	5050.1	5040.8	5050.1	5096.7	5106.1	5110.6
7.5°	4910.3	4980.2	5045.5	5059.4	5073.4	5059.4	5054.8	5064.1	5110.6	5120.0	5120.0
10°	4863.8	4961.6	5036.1	5045.5	5059.4	5045.5	5045.5	5064.1	5110.6	5120.0	5124.7
12.5°	4798.5	4933.6	5003.5	5012.8	5031.4	5026.8	5022.2	5040.8	5087.3	5096.7	5096.7
15°	4724.0	4882.4	4947.6	4956.9	4989.5	4980.2	4980.2	4998.9	5050.1	5064.1	5059.4
17.5°	4621.5	4817.2	4891.7	4905.7	4928.9	4924.4	4928.9	4947.6	4994.2	5003.5	5008.1
20°	4505.1	4728.6	4817.2	4831.1	4854.4	4854.4	4854.4	4877.7	4924.4	4943.0	4943.0
22.5°	4346.7	4635.5	4728.6	4738.0	4766.0	4766.0	4775.2	4807.8	4849.7	4854.4	4854.4
25°	4160.3	4533.0	4612.2	4640.1	4668.1	4682.1	4696.0	4714.7	4728.6	4724.0	4728.6
27.5°	3964.6	4402.5	4505.1	4523.7	4560.9	4574.9	4593.5	4598.2	4602.9	4616.8	4607.6
30°	3745.7	4220.8	4374.6	4393.2	4453.8	4463.1	4444.5	4453.8	4477.1	4486.4	4495.7
32.5°	3498.7	3950.7	4239.5	4281.4	4337.3	4309.4	4304.7	4318.7	4355.9	4355.9	4365.3
35°	3163.3	3741.0	4113.7	4150.9	4192.9	4160.3	4178.9	4183.6	4206.9	4220.8	4216.2
37.5°	2795.3	3559.3	3983.3	4011.2	4043.8	4001.9	4029.9	4043.8	4062.5	4053.1	4053.1
40°	2469.2	3275.1	3829.5	3848.2	3876.1	3843.5	3871.5	3880.7	3890.1	3880.7	3876.1
42.5°	2226.9	2963.0	3666.5	3689.8	3671.1	3694.4	3703.7	3722.4	3708.4	3689.8	3689.8
45°	2040.5	2879.1	3489.4	3517.3	3489.4	3526.7	3540.7	3540.7	3498.7	3489.4	3484.8
47.5°	1980.0	2711.4	3312.4	3312.4	3298.4	3345.0	3368.3	3335.6	3293.8	3279.8	3279.8
50°	1975.3	2525.0	3070.1	3051.5	3116.7	3172.7	3149.3	3116.7	3084.1	3032.9	3032.9
52.5°	1793.6	2296.8	2757.9	2827.9	2930.4	2963.0	2925.7	2893.1	2837.1	2813.9	2795.3
55°	1663.1	2059.2	2473.8	2613.6	2720.7	2762.6	2692.8	2660.1	2576.3	2562.3	2553.0
57.5°	1635.2	1714.4	2212.9	2390.0	2520.4	2515.8	2473.8	2413.3	2343.3	2329.4	2324.7
60°	1500.2	1239.3	1933.4	2143.0	2278.2	2264.1	2226.9	2171.0	2105.7	2096.5	2087.1
62.5°	1360.4	899.2	1616.6	1854.2	2045.2	2040.5	2007.9	1924.0	1877.5	1854.2	1835.6
65°	1155.4	754.7	1150.7	1542.1	1816.9	1826.2	1756.4	1695.8	1644.5	1616.6	1611.9
67.5°	880.5	614.9	778.0	1285.8	1598.0	1588.6	1500.2	1472.2	1406.9	1393.0	1365.0
70°	652.2	409.9	540.4	1043.6	1383.6	1360.4	1290.5	1257.9	1197.3	1164.6	1146.0
72.5°	540.4	330.7	396.0	810.6	1164.6	1136.7	1076.2	1038.9	987.6	959.7	941.1
75°	437.9	349.4	302.8	601.0	945.7	927.1	871.2	833.9	792.0	754.7	759.4
77.5°	321.5	326.1	242.3	442.6	750.0	722.1	689.5	642.9	624.3	587.0	587.0
80°	242.3	256.2	181.7	302.8	540.4	540.4	512.4	479.9	447.3	428.6	428.6
82.5°	163.1	163.1	135.1	191.0	368.1	354.0	335.4	326.1	307.5	298.2	298.2
85°	74.5	93.1	83.9	116.5	200.3	209.6	209.6	200.3	195.7	186.4	191.0
87.5°	23.3	41.9	51.2	65.2	102.5	107.2	111.8	111.8	111.8	116.5	116.5
90°	14.2	25.6	37.1	39.9	62.7	93.1	108.3	96.3	72.2	54.1	54.1
92.5°	57.0	153.9	250.9	275.1	386.8	535.7	610.1	534.6	383.9	270.8	260.1
95°	136.8	314.2	491.6	535.9	951.6	1506.0	1783.2	1591.2	1207.3	919.4	886.8
97.5°	236.6	393.0	549.6	588.7	1281.9	2206.2	2668.4	2547.1	2304.4	2122.4	2060.3
100°	313.6	455.5	597.4	632.9	1402.1	2427.9	2940.7	2949.6	2967.3	2980.6	2906.6
102.5°	379.2	511.6	643.9	677.1	1457.3	2497.5	3017.7	3172.2	3481.4	3713.3	3649.9
105°	490.3	602.5	714.6	742.7	1498.1	2505.4	3009.0	3355.6	4048.7	4568.5	4534.4
107.5°	604.4	708.9	813.4	839.6	1505.8	2394.0	2838.1	3321.4	4288.1	5013.2	5021.4
110°	681.4	775.7	870.2	893.7	1494.3	2295.1	2695.5	3235.9	4316.7	5127.3	5162.8



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	756.9	846.8	936.8	959.3	1494.7	2208.8	2565.8	3118.9	4225.0	5054.6	5109.1
115°	870.9	953.9	1036.9	1057.6	1508.6	2109.8	2410.4	2943.2	4008.8	4808.0	4883.5
117.5°	983.6	1058.9	1134.4	1153.2	1536.6	2047.8	2303.5	2784.4	3746.0	4467.2	4551.0
120°	1049.1	1120.0	1191.1	1208.8	1559.4	2027.0	2260.7	2700.1	3578.8	4237.8	4319.2
122.5°	1113.3	1184.8	1256.4	1274.3	1592.2	2016.1	2228.0	2623.6	3414.8	4008.3	4088.6
125°	1211.6	1276.9	1342.1	1358.5	1636.4	2007.0	2192.3	2528.3	3200.6	3704.6	3778.6
127.5°	1291.5	1357.4	1423.3	1439.7	1680.6	2001.8	2162.4	2450.9	3028.0	3460.9	3523.3
130°	1334.2	1405.2	1476.1	1493.8	1712.9	2005.0	2151.0	2407.8	2921.7	3307.0	3364.6
132.5°	1378.4	1449.3	1520.3	1538.1	1739.0	2007.0	2141.0	2371.0	2830.9	3175.9	3227.5
135°	1444.0	1508.6	1573.2	1589.4	1767.6	2005.2	2123.9	2316.5	2701.7	2990.6	3035.1
137.5°	1511.0	1574.9	1638.9	1654.9	1810.2	2017.5	2121.1	2283.9	2609.5	2853.7	2890.1
140°	1566.5	1625.4	1684.3	1699.1	1836.4	2019.5	2111.1	2251.7	2532.9	2743.9	2778.0
142.5°	1609.3	1663.8	1718.3	1731.9	1858.2	2026.8	2111.1	2234.6	2481.7	2667.0	2696.3
145°	1674.9	1722.4	1770.0	1781.8	1886.8	2026.8	2096.8	2197.9	2400.0	2551.5	2573.7
147.5°	1740.4	1786.7	1832.9	1844.5	1928.6	2040.8	2096.8	2176.3	2335.4	2454.6	2472.9
150°	1783.2	1825.0	1866.9	1877.3	1950.5	2048.0	2096.8	2164.0	2298.3	2398.9	2413.8
152.5°	1827.4	1859.1	1890.8	1898.7	1964.8	2052.8	2096.8	2154.2	2268.8	2354.8	2366.1
155°	1892.9	1916.4	1939.8	1945.7	1996.1	2063.3	2096.8	2142.5	2233.7	2302.0	2309.5
157.5°	1941.5	1964.2	1987.1	1992.8	2027.5	2073.7	2096.8	2132.3	2203.2	2256.4	2261.7
160°	1974.2	1991.9	2009.8	2014.2	2041.7	2078.5	2096.8	2127.2	2188.1	2233.7	2236.7
162.5°	2007.0	2020.3	2033.6	2036.9	2056.9	2083.5	2096.8	2122.5	2173.8	2212.3	2215.1
165°	2042.6	2054.6	2066.6	2069.7	2078.8	2090.8	2096.8	2115.2	2151.9	2179.4	2182.5
167.5°	2075.5	2081.1	2086.8	2088.2	2095.8	2106.0	2111.1	2123.1	2147.1	2165.2	2166.5
170°	2096.8	2102.5	2108.2	2109.6	2110.1	2110.7	2111.1	2123.1	2147.1	2165.2	2165.2
172.5°	2108.2	2109.5	2110.8	2111.1	2111.1	2111.1	2111.1	2120.6	2139.6	2153.8	2152.7
175°	2123.9	2123.9	2123.9	2123.9	2119.6	2113.9	2111.1	2117.1	2129.1	2138.1	2138.1
177.5°	2123.9	2123.9	2123.9	2123.9	2120.6	2116.1	2113.9	2118.7	2128.1	2135.3	2134.0
180°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	5050.1	5036.1	5050.1	5040.8	5045.5	5031.4	4989.5	4975.6	4989.5	5003.5	5003.5
5°	5110.6	5101.4	5110.6	5110.6	5106.1	5096.7	5050.1	5040.8	5050.1	5054.8	5045.5
7.5°	5129.3	5115.3	5129.3	5120.0	5120.0	5110.6	5064.1	5054.8	5059.4	5073.4	5059.4
10°	5129.3	5115.3	5129.3	5124.7	5120.0	5110.6	5064.1	5045.5	5045.5	5059.4	5045.5
12.5°	5106.1	5096.7	5106.1	5096.7	5096.7	5087.3	5040.8	5022.2	5026.8	5031.4	5012.8
15°	5068.7	5054.8	5068.7	5059.4	5064.1	5050.1	4998.9	4980.2	4980.2	4989.5	4956.9
17.5°	5012.8	4994.2	5012.8	5008.1	5003.5	4994.2	4947.6	4928.9	4924.4	4928.9	4905.7
20°	4947.6	4933.6	4947.6	4943.0	4943.0	4924.4	4877.7	4854.4	4854.4	4854.4	4831.1
22.5°	4845.2	4831.1	4845.2	4854.4	4854.4	4849.7	4807.8	4775.2	4766.0	4766.0	4738.0
25°	4728.6	4714.7	4728.6	4728.6	4724.0	4728.6	4714.7	4696.0	4682.1	4668.1	4640.1
27.5°	4616.8	4607.6	4616.8	4607.6	4616.8	4602.9	4598.2	4593.5	4574.9	4560.9	4523.7
30°	4505.1	4495.7	4505.1	4495.7	4486.4	4477.1	4453.8	4444.5	4463.1	4453.8	4393.2
32.5°	4365.3	4355.9	4365.3	4365.3	4355.9	4355.9	4318.7	4304.7	4309.4	4337.3	4281.4
35°	4220.8	4206.9	4220.8	4216.2	4220.8	4206.9	4183.6	4178.9	4160.3	4192.9	4150.9
37.5°	4053.1	4039.1	4053.1	4053.1	4053.1	4062.5	4043.8	4029.9	4001.9	4043.8	4011.2
40°	3880.7	3862.1	3880.7	3876.1	3880.7	3890.1	3880.7	3871.5	3843.5	3876.1	3848.2
42.5°	3685.1	3680.4	3685.1	3689.8	3689.8	3708.4	3722.4	3703.7	3694.4	3671.1	3689.8
45°	3475.4	3466.1	3475.4	3484.8	3489.4	3498.7	3540.7	3540.7	3526.7	3489.4	3517.3
47.5°	3251.9	3228.5	3251.9	3279.8	3279.8	3293.8	3335.6	3368.3	3345.0	3298.4	3312.4
50°	3014.3	3018.8	3014.3	3032.9	3032.9	3084.1	3116.7	3149.3	3172.7	3116.7	3051.5
52.5°	2781.3	2776.7	2781.3	2795.3	2813.9	2837.1	2893.1	2925.7	2963.0	2930.4	2827.9
55°	2548.3	2557.7	2548.3	2553.0	2562.3	2576.3	2660.1	2692.8	2762.6	2720.7	2613.6
57.5°	2315.4	2301.4	2315.4	2324.7	2329.4	2343.3	2413.3	2473.8	2515.8	2520.4	2390.0
60°	2045.2	2026.5	2045.2	2087.1	2096.5	2105.7	2171.0	2226.9	2264.1	2278.2	2143.0
62.5°	1807.6	1775.0	1807.6	1835.6	1854.2	1877.5	1924.0	2007.9	2040.5	2045.2	1854.2
65°	1556.0	1542.1	1556.0	1611.9	1616.6	1644.5	1695.8	1756.4	1826.2	1816.9	1542.1
67.5°	1327.7	1327.7	1327.7	1365.0	1393.0	1406.9	1472.2	1500.2	1588.6	1598.0	1285.8
70°	1118.1	1113.4	1118.1	1146.0	1164.6	1197.3	1257.9	1290.5	1360.4	1383.6	1043.6
72.5°	917.8	913.1	917.8	941.1	959.7	987.6	1038.9	1076.2	1136.7	1164.6	810.6
75°	740.8	731.4	740.8	759.4	754.7	792.0	833.9	871.2	927.1	945.7	601.0
77.5°	568.3	568.3	568.3	587.0	587.0	624.3	642.9	689.5	722.1	750.0	442.6
80°	424.0	419.3	424.0	428.6	428.6	447.3	479.9	512.4	540.4	540.4	302.8
82.5°	298.2	288.8	298.2	298.2	298.2	307.5	326.1	335.4	354.0	368.1	191.0
85°	186.4	186.4	186.4	191.0	186.4	195.7	200.3	209.6	209.6	200.3	116.5
87.5°	121.1	116.5	121.1	116.5	116.5	111.8	111.8	111.8	107.2	102.5	65.2
90°	54.1	54.1	54.1	54.1	54.1	72.2	96.3	108.3	93.1	62.7	39.9
92.5°	216.9	173.9	216.9	260.1	270.8	383.9	534.6	610.1	535.7	386.8	275.1
95°	756.3	625.8	756.3	886.8	919.4	1207.3	1591.2	1783.2	1506.0	951.6	535.9
97.5°	1812.0	1563.7	1812.0	2060.3	2122.4	2304.4	2547.1	2668.4	2206.2	1281.9	588.7
100°	2610.8	2314.9	2610.8	2906.6	2980.6	2967.3	2949.6	2940.7	2427.9	1402.1	632.9
102.5°	3396.5	3143.1	3396.5	3649.9	3713.3	3481.4	3172.2	3017.7	2497.5	1457.3	677.1
105°	4398.2	4262.1	4398.2	4534.4	4568.5	4048.7	3355.6	3009.0	2505.4	1498.1	742.7
107.5°	5054.4	5087.3	5054.4	5021.4	5013.2	4288.1	3321.4	2838.1	2394.0	1505.8	839.6
110°	5304.6	5446.5	5304.6	5162.8	5127.3	4316.7	3235.9	2695.5	2295.1	1494.3	893.7



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5326.9	5544.9	5326.9	5109.1	5054.6	4225.0	3118.9	2565.8	2208.8	1494.7	959.3
115°	5185.7	5487.9	5185.7	4883.5	4808.0	4008.8	2943.2	2410.4	2109.8	1508.6	1057.6
117.5°	4886.2	5221.3	4886.2	4551.0	4467.2	3746.0	2784.4	2303.5	2047.8	1536.6	1153.2
120°	4644.8	4970.4	4644.8	4319.2	4237.8	3578.8	2700.1	2260.7	2027.0	1559.4	1208.8
122.5°	4409.8	4731.0	4409.8	4088.6	4008.3	3414.8	2623.6	2228.0	2016.1	1592.2	1274.3
125°	4074.5	4370.3	4074.5	3778.6	3704.6	3200.6	2528.3	2192.3	2007.0	1636.4	1358.5
127.5°	3772.9	4022.5	3772.9	3523.3	3460.9	3028.0	2450.9	2162.4	2001.8	1680.6	1439.7
130°	3595.3	3825.9	3595.3	3364.6	3307.0	2921.7	2407.8	2151.0	2005.0	1712.9	1493.8
132.5°	3434.0	3640.5	3434.0	3227.5	3175.9	2830.9	2371.0	2141.0	2007.0	1739.0	1538.1
135°	3213.0	3391.1	3213.0	3035.1	2990.6	2701.7	2316.5	2123.9	2005.2	1767.6	1589.4
137.5°	3035.8	3181.6	3035.8	2890.1	2853.7	2609.5	2283.9	2121.1	2017.5	1810.2	1654.9
140°	2914.2	3050.4	2914.2	2778.0	2743.9	2532.9	2251.7	2111.1	2019.5	1836.4	1699.1
142.5°	2813.5	2930.7	2813.5	2696.3	2667.0	2481.7	2234.6	2111.1	2026.8	1858.2	1731.9
145°	2662.3	2751.1	2662.3	2573.7	2551.5	2400.0	2197.9	2096.8	2026.8	1886.8	1781.8
147.5°	2546.4	2619.9	2546.4	2472.9	2454.6	2335.4	2176.3	2096.8	2040.8	1928.6	1844.5
150°	2473.5	2533.0	2473.5	2413.8	2398.9	2298.3	2164.0	2096.8	2048.0	1950.5	1877.3
152.5°	2411.1	2456.0	2411.1	2366.1	2354.8	2268.8	2154.2	2096.8	2052.8	1964.8	1898.7
155°	2339.3	2369.0	2339.3	2309.5	2302.0	2233.7	2142.5	2096.8	2063.3	1996.1	1945.7
157.5°	2282.6	2303.5	2282.6	2261.7	2256.4	2203.2	2132.3	2096.8	2073.7	2027.5	1992.8
160°	2248.7	2260.7	2248.7	2236.7	2233.7	2188.1	2127.2	2096.8	2078.5	2041.7	2014.2
162.5°	2226.5	2237.9	2226.5	2215.1	2212.3	2173.8	2122.5	2096.8	2083.5	2056.9	2036.9
165°	2194.5	2206.6	2194.5	2182.5	2179.4	2151.9	2115.2	2096.8	2090.8	2078.8	2069.7
167.5°	2171.5	2176.6	2171.5	2166.5	2165.2	2147.1	2123.1	2111.1	2106.0	2095.8	2088.2
170°	2165.2	2165.2	2165.2	2165.2	2165.2	2147.1	2123.1	2111.1	2110.7	2110.1	2109.6
172.5°	2148.2	2143.8	2148.2	2152.7	2153.8	2139.6	2120.6	2111.1	2111.1	2111.1	2111.1
175°	2138.1	2138.1	2138.1	2138.1	2138.1	2129.1	2117.1	2111.1	2113.9	2119.6	2123.9
177.5°	2129.0	2123.9	2129.0	2134.0	2135.3	2128.1	2118.7	2113.9	2116.1	2120.6	2123.9
180°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4994.2	4966.3	4966.3	4919.7	4901.0	4887.1	4863.8	4793.9	4775.2	4756.6	4784.6
5°	5036.1	4984.9	4947.6	4863.8	4793.9	4766.0	4677.4	4509.6	4397.9	4314.0	4267.5
7.5°	5045.5	4980.2	4910.3	4779.9	4612.2	4537.6	4267.5	3959.9	3876.1	3801.6	3754.9
10°	5036.1	4961.6	4863.8	4668.1	4272.1	4141.6	3871.5	3671.1	3619.8	3605.9	3619.8
12.5°	5003.5	4933.6	4798.5	4472.4	3918.0	3829.5	3671.1	3554.6	3545.3	3568.6	3694.4
15°	4947.6	4882.4	4724.0	4211.5	3722.4	3657.1	3545.3	3503.4	3554.6	3717.7	4095.0
17.5°	4891.7	4817.2	4621.5	3955.3	3573.3	3526.7	3447.5	3531.4	3820.2	4039.1	4165.0
20°	4817.2	4728.6	4505.1	3769.0	3466.1	3424.2	3386.9	3764.3	3983.3	4062.5	4132.3
22.5°	4728.6	4635.5	4346.7	3638.5	3354.4	3321.7	3345.0	3894.7	3983.3	4039.1	4099.7
25°	4612.2	4533.0	4160.3	3536.0	3265.8	3228.5	3317.0	3880.7	3932.0	3946.0	4067.1
27.5°	4505.1	4402.5	3964.6	3442.8	3158.6	3144.7	3340.3	3820.2	3857.4	3871.5	4001.9
30°	4374.6	4220.8	3745.7	3345.0	3046.8	3042.2	3345.0	3745.7	3736.3	3773.6	3904.1
32.5°	4239.5	3950.7	3498.7	3223.9	2939.7	2935.1	3312.4	3633.8	3624.5	3675.7	3773.6
35°	4113.7	3741.0	3163.3	3084.1	2804.6	2809.2	3233.2	3503.4	3508.1	3554.6	3615.2
37.5°	3983.3	3559.3	2795.3	2930.4	2674.2	2674.2	3126.0	3382.3	3373.0	3386.9	3470.8
40°	3829.5	3275.1	2469.2	2730.1	2553.0	2539.0	2995.6	3251.9	3219.2	3214.6	3331.0
42.5°	3666.5	2963.0	2226.9	2464.5	2413.3	2394.6	2837.1	3093.5	3032.9	3046.8	3195.9
45°	3489.4	2879.1	2040.5	2082.4	2268.8	2254.9	2664.8	2911.8	2869.8	2907.1	3060.8
47.5°	3312.4	2711.4	1980.0	1728.4	2115.1	2110.4	2473.8	2734.7	2711.4	2748.7	2911.8
50°	3070.1	2525.0	1975.3	1481.5	1942.7	1961.3	2245.5	2562.3	2562.3	2595.0	2767.3
52.5°	2757.9	2296.8	1793.6	1341.8	1742.3	1798.3	2045.2	2413.3	2422.5	2455.2	2608.9
55°	2473.8	2059.2	1663.1	1234.6	1504.7	1625.9	1849.5	2259.5	2278.2	2310.8	2450.5
57.5°	2212.9	1714.4	1635.2	1108.8	1285.8	1402.3	1677.2	2110.4	2119.8	2147.7	2282.8
60°	1933.4	1239.3	1500.2	973.7	1094.8	1183.4	1518.8	1933.4	1966.0	1984.6	2101.1
62.5°	1616.6	899.2	1360.4	880.5	1001.7	1020.3	1388.3	1765.6	1807.6	1821.5	1891.5
65°	1150.7	754.7	1155.4	801.3	903.8	908.4	1248.5	1593.3	1630.6	1653.9	1705.1
67.5°	778.0	614.9	880.5	726.7	829.2	833.9	1113.4	1393.0	1444.2	1462.9	1495.5
70°	540.4	409.9	652.2	647.5	745.4	754.7	969.0	1211.3	1257.9	1271.8	1290.5
72.5°	396.0	330.7	540.4	582.4	656.9	666.2	820.0	1006.3	1052.9	1066.8	1076.2
75°	302.8	349.4	437.9	507.8	559.1	563.7	670.8	820.0	852.5	861.9	866.5
77.5°	242.3	326.1	321.5	409.9	456.6	447.3	526.5	633.6	661.6	661.6	661.6
80°	181.7	256.2	242.3	293.5	335.4	326.1	377.4	451.9	461.2	470.5	465.9
82.5°	135.1	163.1	163.1	186.4	223.6	214.3	251.5	293.5	293.5	293.5	302.8
85°	83.9	93.1	74.5	97.8	125.8	121.1	139.8	158.4	163.1	163.1	153.7
87.5°	51.2	41.9	23.3	37.3	55.9	55.9	65.2	69.8	65.2	65.2	65.2
90°	37.1	25.6	14.2	25.6	37.1	39.9	62.7	93.1	108.3	96.3	72.2
92.5°	250.9	153.9	57.0	153.9	250.9	275.1	386.8	535.7	610.1	534.6	383.9
95°	491.6	314.2	136.8	314.2	491.6	535.9	951.6	1506.0	1783.2	1591.2	1207.3
97.5°	549.6	393.0	236.6	393.0	549.6	588.7	1281.9	2206.2	2668.4	2547.1	2304.4
100°	597.4	455.5	313.6	455.5	597.4	632.9	1402.1	2427.9	2940.7	2949.6	2967.3
102.5°	643.9	511.6	379.2	511.6	643.9	677.1	1457.3	2497.5	3017.7	3172.2	3481.4
105°	714.6	602.5	490.3	602.5	714.6	742.7	1498.1	2505.4	3009.0	3355.6	4048.7
107.5°	813.4	708.9	604.4	708.9	813.4	839.6	1505.8	2394.0	2838.1	3321.4	4288.1
110°	870.2	775.7	681.4	775.7	870.2	893.7	1494.3	2295.1	2695.5	3235.9	4316.7



TEST NUMBER: P935756
 CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	936.8	846.8	756.9	846.8	936.8	959.3	1494.7	2208.8	2565.8	3118.9	4225.0
115°	1036.9	953.9	870.9	953.9	1036.9	1057.6	1508.6	2109.8	2410.4	2943.2	4008.8
117.5°	1134.4	1058.9	983.6	1058.9	1134.4	1153.2	1536.6	2047.8	2303.5	2784.4	3746.0
120°	1191.1	1120.0	1049.1	1120.0	1191.1	1208.8	1559.4	2027.0	2260.7	2700.1	3578.8
122.5°	1256.4	1184.8	1113.3	1184.8	1256.4	1274.3	1592.2	2016.1	2228.0	2623.6	3414.8
125°	1342.1	1276.9	1211.6	1276.9	1342.1	1358.5	1636.4	2007.0	2192.3	2528.3	3200.6
127.5°	1423.3	1357.4	1291.5	1357.4	1423.3	1439.7	1680.6	2001.8	2162.4	2450.9	3028.0
130°	1476.1	1405.2	1334.2	1405.2	1476.1	1493.8	1712.9	2005.0	2151.0	2407.8	2921.7
132.5°	1520.3	1449.3	1378.4	1449.3	1520.3	1538.1	1739.0	2007.0	2141.0	2371.0	2830.9
135°	1573.2	1508.6	1444.0	1508.6	1573.2	1589.4	1767.6	2005.2	2123.9	2316.5	2701.7
137.5°	1638.9	1574.9	1511.0	1574.9	1638.9	1654.9	1810.2	2017.5	2121.1	2283.9	2609.5
140°	1684.3	1625.4	1566.5	1625.4	1684.3	1699.1	1836.4	2019.5	2111.1	2251.7	2532.9
142.5°	1718.3	1663.8	1609.3	1663.8	1718.3	1731.9	1858.2	2026.8	2111.1	2234.6	2481.7
145°	1770.0	1722.4	1674.9	1722.4	1770.0	1781.8	1886.8	2026.8	2096.8	2197.9	2400.0
147.5°	1832.9	1786.7	1740.4	1786.7	1832.9	1844.5	1928.6	2040.8	2096.8	2176.3	2335.4
150°	1866.9	1825.0	1783.2	1825.0	1866.9	1877.3	1950.5	2048.0	2096.8	2164.0	2298.3
152.5°	1890.8	1859.1	1827.4	1859.1	1890.8	1898.7	1964.8	2052.8	2096.8	2154.2	2268.8
155°	1939.8	1916.4	1892.9	1916.4	1939.8	1945.7	1996.1	2063.3	2096.8	2142.5	2233.7
157.5°	1987.1	1964.2	1941.5	1964.2	1987.1	1992.8	2027.5	2073.7	2096.8	2132.3	2203.2
160°	2009.8	1991.9	1974.2	1991.9	2009.8	2014.2	2041.7	2078.5	2096.8	2127.2	2188.1
162.5°	2033.6	2020.3	2007.0	2020.3	2033.6	2036.9	2056.9	2083.5	2096.8	2122.5	2173.8
165°	2066.6	2054.6	2042.6	2054.6	2066.6	2069.7	2078.8	2090.8	2096.8	2115.2	2151.9
167.5°	2086.8	2081.1	2075.5	2081.1	2086.8	2088.2	2095.8	2106.0	2111.1	2123.1	2147.1
170°	2108.2	2102.5	2096.8	2102.5	2108.2	2109.6	2110.1	2110.7	2111.1	2123.1	2147.1
172.5°	2110.8	2109.5	2108.2	2109.5	2110.8	2111.1	2111.1	2111.1	2111.1	2120.6	2139.6
175°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2119.6	2113.9	2111.1	2117.1	2129.1
177.5°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2120.6	2116.1	2113.9	2118.7	2128.1
180°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9



TEST NUMBER: P935756
 CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4751.9	4738.0	4756.6	4705.4	4756.6	4738.0	4751.9	4784.6	4756.6	4775.2	4793.9
5°	4169.6	4146.3	4071.7	4011.2	4071.7	4146.3	4169.6	4267.5	4314.0	4397.9	4509.6
7.5°	3727.0	3708.4	3689.8	3652.5	3689.8	3708.4	3727.0	3754.9	3801.6	3876.1	3959.9
10°	3629.2	3633.8	3661.8	3657.1	3661.8	3633.8	3629.2	3619.8	3605.9	3619.8	3671.1
12.5°	3880.7	3922.7	4076.4	4067.1	4076.4	3922.7	3880.7	3694.4	3568.6	3545.3	3554.6
15°	4169.6	4183.6	4216.2	4220.8	4216.2	4183.6	4169.6	4095.0	3717.7	3554.6	3503.4
17.5°	4197.5	4202.2	4225.5	4225.5	4225.5	4202.2	4197.5	4165.0	4039.1	3820.2	3531.4
20°	4174.2	4183.6	4230.2	4239.5	4230.2	4183.6	4174.2	4132.3	4062.5	3983.3	3764.3
22.5°	4165.0	4183.6	4220.8	4216.2	4220.8	4183.6	4165.0	4099.7	4039.1	3983.3	3894.7
25°	4118.3	4118.3	4123.0	4127.7	4123.0	4118.3	4118.3	4067.1	3946.0	3932.0	3880.7
27.5°	4020.5	4029.9	4057.8	4053.1	4057.8	4029.9	4020.5	4001.9	3871.5	3857.4	3820.2
30°	3932.0	3922.7	3899.4	3880.7	3899.4	3922.7	3932.0	3904.1	3773.6	3736.3	3745.7
32.5°	3782.9	3759.6	3736.3	3722.4	3736.3	3759.6	3782.9	3773.6	3675.7	3624.5	3633.8
35°	3605.9	3610.6	3605.9	3591.9	3605.9	3610.6	3605.9	3615.2	3554.6	3508.1	3503.4
37.5°	3480.1	3489.4	3484.8	3466.1	3484.8	3489.4	3480.1	3470.8	3386.9	3373.0	3382.3
40°	3349.7	3354.4	3349.7	3335.6	3349.7	3354.4	3349.7	3331.0	3214.6	3219.2	3251.9
42.5°	3223.9	3219.2	3205.2	3195.9	3205.2	3219.2	3223.9	3195.9	3046.8	3032.9	3093.5
45°	3079.4	3084.1	3056.1	3042.2	3056.1	3084.1	3079.4	3060.8	2907.1	2869.8	2911.8
47.5°	2935.1	2935.1	2911.8	2897.7	2911.8	2935.1	2935.1	2911.8	2748.7	2711.4	2734.7
50°	2781.3	2776.7	2744.0	2739.3	2744.0	2776.7	2781.3	2767.3	2595.0	2562.3	2562.3
52.5°	2604.2	2604.2	2608.9	2618.2	2608.9	2604.2	2604.2	2608.9	2455.2	2422.5	2413.3
55°	2450.5	2455.2	2487.8	2497.1	2487.8	2455.2	2450.5	2450.5	2310.8	2278.2	2259.5
57.5°	2292.1	2292.1	2315.4	2315.4	2315.4	2292.1	2292.1	2282.8	2147.7	2119.8	2110.4
60°	2110.4	2119.8	2138.4	2133.7	2138.4	2119.8	2110.4	2101.1	1984.6	1966.0	1933.4
62.5°	1919.5	1928.7	1933.4	1924.0	1933.4	1928.7	1919.5	1891.5	1821.5	1807.6	1765.6
65°	1719.1	1728.4	1733.1	1723.7	1733.1	1728.4	1719.1	1705.1	1653.9	1630.6	1593.3
67.5°	1514.1	1509.4	1504.7	1523.4	1504.7	1509.4	1514.1	1495.5	1462.9	1444.2	1393.0
70°	1304.4	1304.4	1299.8	1309.1	1299.8	1304.4	1304.4	1290.5	1271.8	1257.9	1211.3
72.5°	1080.9	1076.2	1094.8	1080.9	1094.8	1076.2	1080.9	1076.2	1066.8	1052.9	1006.3
75°	861.9	871.2	861.9	875.8	861.9	871.2	861.9	866.5	861.9	852.5	820.0
77.5°	656.9	666.2	656.9	656.9	656.9	666.2	656.9	661.6	661.6	661.6	633.6
80°	465.9	461.2	461.2	456.6	461.2	461.2	465.9	465.9	470.5	461.2	451.9
82.5°	298.2	293.5	293.5	302.8	293.5	293.5	298.2	302.8	293.5	293.5	293.5
85°	163.1	167.8	158.4	158.4	158.4	167.8	163.1	153.7	163.1	163.1	158.4
87.5°	60.6	55.9	55.9	55.9	55.9	55.9	60.6	65.2	65.2	65.2	69.8
90°	54.1	54.1	54.1	54.1	54.1	54.1	54.1	72.2	96.3	108.3	93.1
92.5°	270.8	260.1	216.9	173.9	216.9	260.1	270.8	383.9	534.6	610.1	535.7
95°	919.4	886.8	756.3	625.8	756.3	886.8	919.4	1207.3	1591.2	1783.2	1506.0
97.5°	2122.4	2060.3	1812.0	1563.7	1812.0	2060.3	2122.4	2304.4	2547.1	2668.4	2206.2
100°	2980.6	2906.6	2610.8	2314.9	2610.8	2906.6	2980.6	2967.3	2949.6	2940.7	2427.9
102.5°	3713.3	3649.9	3396.5	3143.1	3396.5	3649.9	3713.3	3481.4	3172.2	3017.7	2497.5
105°	4568.5	4534.4	4398.2	4262.1	4398.2	4534.4	4568.5	4048.7	3355.6	3009.0	2505.4
107.5°	5013.2	5021.4	5054.4	5087.3	5054.4	5021.4	5013.2	4288.1	3321.4	2838.1	2394.0
110°	5127.3	5162.8	5304.6	5446.5	5304.6	5162.8	5127.3	4316.7	3235.9	2695.5	2295.1



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5054.6	5109.1	5326.9	5544.9	5326.9	5109.1	5054.6	4225.0	3118.9	2565.8	2208.8
115°	4808.0	4883.5	5185.7	5487.9	5185.7	4883.5	4808.0	4008.8	2943.2	2410.4	2109.8
117.5°	4467.2	4551.0	4886.2	5221.3	4886.2	4551.0	4467.2	3746.0	2784.4	2303.5	2047.8
120°	4237.8	4319.2	4644.8	4970.4	4644.8	4319.2	4237.8	3578.8	2700.1	2260.7	2027.0
122.5°	4008.3	4088.6	4409.8	4731.0	4409.8	4088.6	4008.3	3414.8	2623.6	2228.0	2016.1
125°	3704.6	3778.6	4074.5	4370.3	4074.5	3778.6	3704.6	3200.6	2528.3	2192.3	2007.0
127.5°	3460.9	3523.3	3772.9	4022.5	3772.9	3523.3	3460.9	3028.0	2450.9	2162.4	2001.8
130°	3307.0	3364.6	3595.3	3825.9	3595.3	3364.6	3307.0	2921.7	2407.8	2151.0	2005.0
132.5°	3175.9	3227.5	3434.0	3640.5	3434.0	3227.5	3175.9	2830.9	2371.0	2141.0	2007.0
135°	2990.6	3035.1	3213.0	3391.1	3213.0	3035.1	2990.6	2701.7	2316.5	2123.9	2005.2
137.5°	2853.7	2890.1	3035.8	3181.6	3035.8	2890.1	2853.7	2609.5	2283.9	2121.1	2017.5
140°	2743.9	2778.0	2914.2	3050.4	2914.2	2778.0	2743.9	2532.9	2251.7	2111.1	2019.5
142.5°	2667.0	2696.3	2813.5	2930.7	2813.5	2696.3	2667.0	2481.7	2234.6	2111.1	2026.8
145°	2551.5	2573.7	2662.3	2751.1	2662.3	2573.7	2551.5	2400.0	2197.9	2096.8	2026.8
147.5°	2454.6	2472.9	2546.4	2619.9	2546.4	2472.9	2454.6	2335.4	2176.3	2096.8	2040.8
150°	2398.9	2413.8	2473.5	2533.0	2473.5	2413.8	2398.9	2298.3	2164.0	2096.8	2048.0
152.5°	2354.8	2366.1	2411.1	2456.0	2411.1	2366.1	2354.8	2268.8	2154.2	2096.8	2052.8
155°	2302.0	2309.5	2339.3	2369.0	2339.3	2309.5	2302.0	2233.7	2142.5	2096.8	2063.3
157.5°	2256.4	2261.7	2282.6	2303.5	2282.6	2261.7	2256.4	2203.2	2132.3	2096.8	2073.7
160°	2233.7	2236.7	2248.7	2260.7	2248.7	2236.7	2233.7	2188.1	2127.2	2096.8	2078.5
162.5°	2212.3	2215.1	2226.5	2237.9	2226.5	2215.1	2212.3	2173.8	2122.5	2096.8	2083.5
165°	2179.4	2182.5	2194.5	2206.6	2194.5	2182.5	2179.4	2151.9	2115.2	2096.8	2090.8
167.5°	2165.2	2166.5	2171.5	2176.6	2171.5	2166.5	2165.2	2147.1	2123.1	2111.1	2106.0
170°	2165.2	2165.2	2165.2	2165.2	2165.2	2165.2	2165.2	2147.1	2123.1	2111.1	2110.7
172.5°	2153.8	2152.7	2148.2	2143.8	2148.2	2152.7	2153.8	2139.6	2120.6	2111.1	2111.1
175°	2138.1	2138.1	2138.1	2138.1	2138.1	2138.1	2138.1	2129.1	2117.1	2111.1	2113.9
177.5°	2135.3	2134.0	2129.0	2123.9	2129.0	2134.0	2135.3	2128.1	2118.7	2113.9	2116.1
180°	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9	2123.9



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4863.8	4887.1	4901.0	4919.7	4966.3
5°	4677.4	4766.0	4793.9	4863.8	4947.6
7.5°	4267.5	4537.6	4612.2	4779.9	4910.3
10°	3871.5	4141.6	4272.1	4668.1	4863.8
12.5°	3671.1	3829.5	3918.0	4472.4	4798.5
15°	3545.3	3657.1	3722.4	4211.5	4724.0
17.5°	3447.5	3526.7	3573.3	3955.3	4621.5
20°	3386.9	3424.2	3466.1	3769.0	4505.1
22.5°	3345.0	3321.7	3354.4	3638.5	4346.7
25°	3317.0	3228.5	3265.8	3536.0	4160.3
27.5°	3340.3	3144.7	3158.6	3442.8	3964.6
30°	3345.0	3042.2	3046.8	3345.0	3745.7
32.5°	3312.4	2935.1	2939.7	3223.9	3498.7
35°	3233.2	2809.2	2804.6	3084.1	3163.3
37.5°	3126.0	2674.2	2674.2	2930.4	2795.3
40°	2995.6	2539.0	2553.0	2730.1	2469.2
42.5°	2837.1	2394.6	2413.3	2464.5	2226.9
45°	2664.8	2254.9	2268.8	2082.4	2040.5
47.5°	2473.8	2110.4	2115.1	1728.4	1980.0
50°	2245.5	1961.3	1942.7	1481.5	1975.3
52.5°	2045.2	1798.3	1742.3	1341.8	1793.6
55°	1849.5	1625.9	1504.7	1234.6	1663.1
57.5°	1677.2	1402.3	1285.8	1108.8	1635.2
60°	1518.8	1183.4	1094.8	973.7	1500.2
62.5°	1388.3	1020.3	1001.7	880.5	1360.4
65°	1248.5	908.4	903.8	801.3	1155.4
67.5°	1113.4	833.9	829.2	726.7	880.5
70°	969.0	754.7	745.4	647.5	652.2
72.5°	820.0	666.2	656.9	582.4	540.4
75°	670.8	563.7	559.1	507.8	437.9
77.5°	526.5	447.3	456.6	409.9	321.5
80°	377.4	326.1	335.4	293.5	242.3
82.5°	251.5	214.3	223.6	186.4	163.1
85°	139.8	121.1	125.8	97.8	74.5
87.5°	65.2	55.9	55.9	37.3	23.3
90°	62.7	39.9	37.1	25.6	14.2
92.5°	386.8	275.1	250.9	153.9	57.0
95°	951.6	535.9	491.6	314.2	136.8
97.5°	1281.9	588.7	549.6	393.0	236.6
100°	1402.1	632.9	597.4	455.5	313.6
102.5°	1457.3	677.1	643.9	511.6	379.2
105°	1498.1	742.7	714.6	602.5	490.3
107.5°	1505.8	839.6	813.4	708.9	604.4
110°	1494.3	893.7	870.2	775.7	681.4



TEST NUMBER: P935756

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1494.7	959.3	936.8	846.8	756.9
115°	1508.6	1057.6	1036.9	953.9	870.9
117.5°	1536.6	1153.2	1134.4	1058.9	983.6
120°	1559.4	1208.8	1191.1	1120.0	1049.1
122.5°	1592.2	1274.3	1256.4	1184.8	1113.3
125°	1636.4	1358.5	1342.1	1276.9	1211.6
127.5°	1680.6	1439.7	1423.3	1357.4	1291.5
130°	1712.9	1493.8	1476.1	1405.2	1334.2
132.5°	1739.0	1538.1	1520.3	1449.3	1378.4
135°	1767.6	1589.4	1573.2	1508.6	1444.0
137.5°	1810.2	1654.9	1638.9	1574.9	1511.0
140°	1836.4	1699.1	1684.3	1625.4	1566.5
142.5°	1858.2	1731.9	1718.3	1663.8	1609.3
145°	1886.8	1781.8	1770.0	1722.4	1674.9
147.5°	1928.6	1844.5	1832.9	1786.7	1740.4
150°	1950.5	1877.3	1866.9	1825.0	1783.2
152.5°	1964.8	1898.7	1890.8	1859.1	1827.4
155°	1996.1	1945.7	1939.8	1916.4	1892.9
157.5°	2027.5	1992.8	1987.1	1964.2	1941.5
160°	2041.7	2014.2	2009.8	1991.9	1974.2
162.5°	2056.9	2036.9	2033.6	2020.3	2007.0
165°	2078.8	2069.7	2066.6	2054.6	2042.6
167.5°	2095.8	2088.2	2086.8	2081.1	2075.5
170°	2110.1	2109.6	2108.2	2102.5	2096.8
172.5°	2111.1	2111.1	2110.8	2109.5	2108.2
175°	2119.6	2123.9	2123.9	2123.9	2123.9
177.5°	2120.6	2123.9	2123.9	2123.9	2123.9
180°	2123.9	2123.9	2123.9	2123.9	2123.9



TEST NUMBER: P935756
 CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-5000K

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	14.10	14.94	15.07	15.93	17.23	16.95	17.79	17.92	18.78	20.08
	3H	14.57	15.33	15.56	16.33	17.65	18.30	19.06	19.28	20.05	21.37
	4H	14.76	15.48	15.76	16.48	17.81	18.75	19.46	19.75	20.46	21.79
	6H	14.88	15.54	15.89	16.55	17.89	19.04	19.70	20.05	20.70	22.04
	8H	14.88	15.51	15.90	16.53	17.87	19.11	19.74	20.13	20.76	22.10
	12H	14.85	15.45	15.87	16.47	17.83	19.16	19.75	20.18	20.77	22.13
4H	2H	15.13	15.85	16.14	16.85	18.18	17.36	18.07	18.36	19.07	20.40
	3H	16.16	16.76	17.17	17.79	19.13	18.87	19.46	19.88	20.49	21.83
	4H	16.43	16.98	17.46	18.00	19.37	19.40	19.94	20.42	20.97	22.33
	6H	16.56	17.03	17.59	18.07	19.43	19.77	20.24	20.80	21.28	22.64
	8H	16.56	17.00	17.60	18.04	19.42	19.88	20.32	20.91	21.35	22.73
	12H	16.53	16.93	17.58	17.98	19.36	19.94	20.33	20.99	21.39	22.77
8H	4H	16.89	17.33	17.92	18.37	19.74	19.52	19.96	20.55	21.00	22.37
	6H	17.15	17.51	18.21	18.59	19.97	19.96	20.32	21.02	21.40	22.78
	8H	17.19	17.51	18.26	18.58	19.97	20.12	20.44	21.18	21.50	22.89
	12H	17.18	17.46	18.24	18.52	19.95	20.22	20.50	21.29	21.56	22.99
12H	4H	16.90	17.29	17.95	18.34	19.73	19.48	19.88	20.54	20.93	22.31
	6H	17.21	17.53	18.28	18.60	19.99	19.96	20.28	21.02	21.34	22.73
	8H	17.28	17.56	18.35	18.62	20.05	20.12	20.40	21.19	21.46	22.90