

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: P935728

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935728
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-92765-1D-UNV-STD-W-12-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

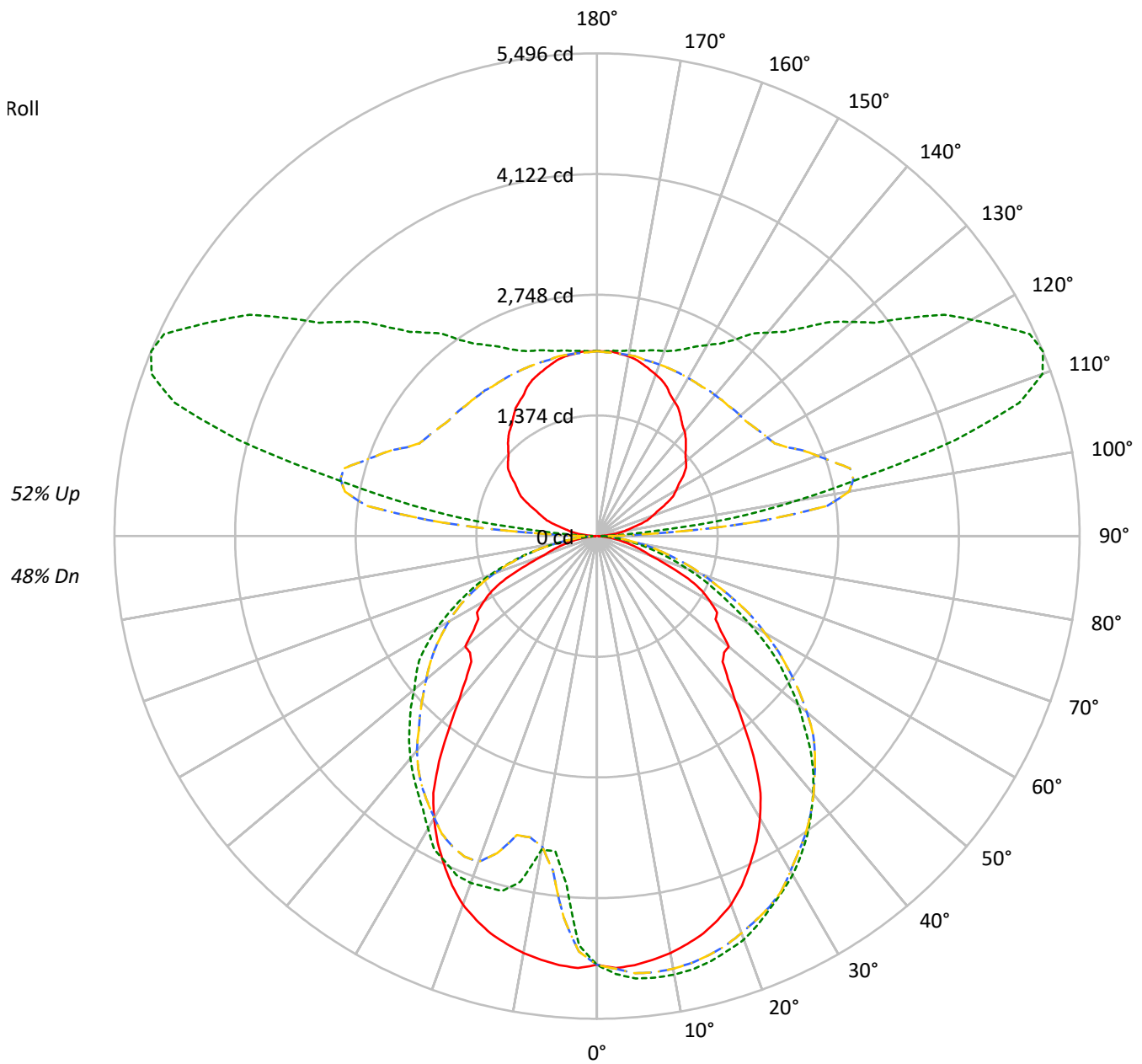
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26311.2 lumens
Efficiency: N/A
Efficacy: 116.6 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

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CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

Luminous Intensity Polar Plot



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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15098	15098	15098	15098
5°	15216	15240	15216	11984
10°	15120	15012	15120	10733
15°	14961	14687	14961	12264
20°	14654	14302	14654	12290
25°	14019	13740	14019	12029
30°	13197	13273	13197	11458
35°	11771	12683	11771	10829
40°	9814	11988	9814	10354
45°	8774	11175	8774	9808
50°	9329	10205	9329	9260
55°	8785	9160	8785	8943
60°	9068	7780	9068	8191
65°	8234	6432	8234	7189
70°	5716	5125	5716	6026
75°	5031	3789	5031	4537
80°	4084	2505	4084	2727
85°	2395	1327	2395	1128

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13439 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	440.6	1.7
10°-20°	1251.0	4.8
20°-30°	1933.8	7.3
30°-40°	2308.6	8.8
40°-50°	2322.1	8.8
50°-60°	2020.5	7.7
60°-70°	1432.6	5.4
70°-80°	757.9	2.9
80°-90°	196.8	0.7
90°-100°	1026.2	3.9
100°-110°	2697.9	10.3
110°-120°	2797.5	10.6
120°-130°	2243.9	8.5
130°-140°	1760.7	6.7
140°-150°	1351.4	5.1
150°-160°	973.2	3.7
160°-170°	595.5	2.3
170°-180°	201.2	0.8
0°-30°	3625.4	13.8
0°-40°	5934.0	22.6
0°-60°	10276.5	39.1
0°-90°	12663.8	48.1
90°-120°	6521.6	24.8
90°-150°	11877.6	45.1
90°-180°	13647.0	51.9
0°-180°	26311.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4881	4881	4881	4881	4881	
5°	4904	5057	4904	3976	4904	465
15°	4682	5010	4682	4184	4682	1317
25°	4124	4673	4124	4092	4124	1893
35°	3136	4170	3136	3560	3136	1940
45°	2023	3436	2023	3015	2023	1620
55°	1648	2535	1648	2475	1648	1515
65°	1145	1529	1145	1709	1145	1095
75°	434	725	434	868	434	456
85°	74	185	74	157	74	100
90°	14	54	14	54	14	15
95°	136	620	136	620	136	151
105°	486	4225	486	4225	486	515
115°	863	5440	863	5440	863	853
125°	1201	4332	1201	4332	1201	1066
135°	1431	3361	1431	3361	1431	1107
145°	1660	2727	1660	2727	1660	1040
155°	1876	2348	1876	2348	1876	862
165°	2025	2187	2025	2187	2025	571
175°	2105	2119	2105	2119	2105	200
180°	2105	2105	2105	2105	2105	



TEST NUMBER: P935728

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	4922.7	4922.7	4950.3	4959.6	4959.6	4945.7	4931.9	4945.7	4987.3	5001.2	4996.5
5°	4904.1	4941.1	4991.9	5001.2	5010.4	5005.7	4996.5	5005.7	5051.9	5061.2	5065.8
7.5°	4867.2	4936.5	5001.2	5015.0	5028.8	5015.0	5010.4	5019.6	5065.8	5075.0	5075.0
10°	4821.1	4918.0	4991.9	5001.2	5015.0	5001.2	5001.2	5019.6	5065.8	5075.0	5079.7
12.5°	4756.4	4890.3	4959.6	4968.8	4987.3	4982.6	4978.1	4996.5	5042.7	5051.9	5051.9
15°	4682.5	4839.5	4904.1	4913.4	4945.7	4936.5	4936.5	4955.0	5005.7	5019.6	5015.0
17.5°	4580.9	4774.9	4848.7	4862.6	4885.7	4881.1	4885.7	4904.1	4950.3	4959.6	4964.2
20°	4465.5	4687.1	4774.9	4788.7	4811.8	4811.8	4811.8	4834.9	4881.1	4899.6	4899.6
22.5°	4308.5	4594.8	4687.1	4696.4	4724.1	4724.1	4733.3	4765.6	4807.2	4811.8	4811.8
25°	4123.7	4493.2	4571.7	4599.4	4627.1	4641.0	4654.8	4673.3	4687.1	4682.5	4687.1
27.5°	3929.8	4363.9	4465.5	4484.0	4520.9	4534.7	4553.2	4557.8	4562.5	4576.3	4567.1
30°	3712.8	4183.8	4336.1	4354.6	4414.7	4423.9	4405.5	4414.7	4437.8	4447.0	4456.2
32.5°	3468.0	3916.0	4202.3	4243.8	4299.2	4271.6	4266.9	4280.8	4317.7	4317.7	4327.0
35°	3135.5	3708.1	4077.5	4114.5	4156.0	4123.7	4142.2	4146.9	4170.0	4183.8	4179.1
37.5°	2770.8	3528.0	3948.3	3976.0	4008.3	3966.7	3994.5	4008.3	4026.8	4017.5	4017.5
40°	2447.5	3246.3	3795.9	3814.4	3842.0	3809.7	3837.5	3846.7	3856.0	3846.7	3842.0
42.5°	2207.3	2936.9	3634.3	3657.4	3638.9	3661.9	3671.2	3689.7	3675.8	3657.4	3657.4
45°	2022.6	2853.8	3458.8	3486.5	3458.8	3495.7	3509.6	3509.6	3468.0	3458.8	3454.2
47.5°	1962.6	2687.6	3283.3	3283.3	3269.4	3315.6	3338.7	3306.3	3264.9	3251.0	3251.0
50°	1958.0	2502.9	3043.2	3024.7	3089.3	3144.8	3121.7	3089.3	3057.0	3006.3	3006.3
52.5°	1777.9	2276.6	2733.7	2803.0	2904.7	2936.9	2900.0	2867.7	2812.2	2789.2	2770.8
55°	1648.5	2041.1	2452.1	2590.6	2696.8	2738.4	2669.1	2636.8	2553.7	2539.8	2530.6
57.5°	1620.9	1699.4	2193.5	2369.0	2498.2	2493.7	2452.1	2392.1	2322.8	2308.9	2304.3
60°	1487.0	1228.4	1916.4	2124.2	2258.2	2244.3	2207.3	2151.9	2087.3	2078.1	2068.8
62.5°	1348.4	891.3	1602.4	1837.9	2027.2	2022.6	1990.3	1907.1	1861.0	1837.9	1819.5
65°	1145.2	748.1	1140.6	1528.6	1801.0	1810.2	1741.0	1680.9	1630.1	1602.4	1597.8
67.5°	872.8	609.5	771.2	1274.5	1584.0	1574.7	1487.0	1459.2	1394.6	1380.7	1353.0
70°	646.5	406.3	535.7	1034.4	1371.5	1348.4	1279.1	1246.8	1186.8	1154.4	1136.0
72.5°	535.7	327.8	392.5	803.5	1154.4	1126.8	1066.7	1029.8	979.0	951.3	932.8
75°	434.1	346.3	300.2	595.7	937.4	918.9	863.5	826.6	785.0	748.1	752.7
77.5°	318.6	323.3	240.1	438.7	743.4	715.8	683.4	637.3	618.8	581.9	581.9
80°	240.1	254.0	180.1	300.2	535.7	535.7	507.9	475.6	443.4	424.8	424.8
82.5°	161.6	161.6	133.9	189.3	364.9	350.9	332.5	323.3	304.8	295.5	295.5
85°	73.9	92.3	83.1	115.4	198.6	207.8	207.8	198.6	193.9	184.7	189.3
87.5°	23.1	41.6	50.8	64.7	101.6	106.2	110.8	110.8	110.8	115.4	115.4
90°	14.1	25.4	36.7	39.6	62.1	92.2	107.3	95.4	71.6	53.7	53.7
92.5°	56.5	152.5	248.7	272.7	383.4	531.0	604.7	530.0	380.5	268.4	257.8
95°	135.6	311.5	487.3	531.2	943.3	1492.8	1767.5	1577.2	1196.7	911.4	879.0
97.5°	234.5	389.6	544.8	583.5	1270.7	2186.9	2645.0	2524.7	2284.2	2103.8	2042.2
100°	310.8	451.5	592.2	627.4	1389.8	2406.5	2914.8	2923.7	2941.2	2954.4	2881.1
102.5°	375.9	507.1	638.3	671.1	1444.5	2475.6	2991.2	3144.3	3450.8	3680.7	3617.9
105°	486.0	597.2	708.3	736.2	1485.0	2483.4	2982.6	3326.1	4013.1	4528.4	4494.6
107.5°	599.1	702.7	806.3	832.2	1492.5	2373.0	2813.1	3292.2	4250.5	4969.2	4977.4
110°	675.4	768.9	862.5	885.9	1481.2	2274.9	2671.8	3207.5	4278.8	5082.2	5117.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	750.3	839.4	928.6	950.8	1481.6	2189.4	2543.3	3091.5	4187.9	5010.2	5064.2
115°	863.2	945.5	1027.8	1048.4	1495.4	2091.3	2389.3	2917.4	3973.6	4765.8	4840.6
117.5°	974.9	1049.6	1124.4	1143.0	1523.1	2029.9	2283.3	2759.9	3713.1	4428.0	4511.1
120°	1039.9	1110.2	1180.6	1198.2	1545.7	2009.2	2240.9	2676.4	3547.4	4200.6	4281.3
122.5°	1103.5	1174.4	1245.4	1263.1	1578.2	1998.4	2208.4	2600.6	3384.9	3973.1	4052.7
125°	1201.0	1265.7	1330.3	1346.5	1622.1	1989.4	2173.0	2506.1	3172.5	3672.1	3745.4
127.5°	1280.1	1345.4	1410.8	1427.0	1665.8	1984.2	2143.4	2429.4	3001.4	3430.5	3492.4
130°	1322.5	1392.8	1463.2	1480.7	1697.8	1987.4	2132.1	2386.7	2896.0	3278.0	3335.1
132.5°	1366.3	1436.6	1507.0	1524.6	1723.8	1989.4	2122.2	2350.1	2806.0	3148.0	3199.2
135°	1431.3	1495.4	1559.4	1575.4	1752.1	1987.6	2105.3	2296.2	2678.0	2964.3	3008.4
137.5°	1497.7	1561.1	1624.5	1640.3	1794.3	1999.7	2102.4	2263.8	2586.6	2828.6	2864.7
140°	1552.8	1611.1	1669.5	1684.2	1820.3	2001.7	2092.5	2231.9	2510.7	2719.8	2753.6
142.5°	1595.1	1649.2	1703.2	1716.7	1841.9	2009.0	2092.5	2215.0	2459.9	2643.6	2672.6
145°	1660.2	1707.3	1754.4	1766.2	1870.2	2009.0	2078.4	2178.6	2378.9	2529.1	2551.1
147.5°	1725.1	1771.0	1816.8	1828.3	1911.7	2022.9	2078.4	2157.2	2314.8	2433.0	2451.2
150°	1767.5	1809.0	1850.5	1860.8	1933.3	2030.0	2078.4	2145.0	2278.1	2377.9	2392.6
152.5°	1811.4	1842.7	1874.2	1882.0	1947.5	2034.8	2078.4	2135.3	2248.9	2334.1	2345.3
155°	1876.3	1899.6	1922.8	1928.6	1978.6	2045.1	2078.4	2123.6	2214.1	2281.8	2289.2
157.5°	1924.4	1947.0	1969.6	1975.3	2009.7	2055.5	2078.4	2113.5	2183.9	2236.6	2241.8
160°	1956.9	1974.5	1992.1	1996.5	2023.8	2060.2	2078.4	2108.5	2168.8	2214.1	2217.1
162.5°	1989.4	2002.6	2015.8	2019.0	2038.9	2065.2	2078.4	2103.9	2154.7	2192.9	2195.7
165°	2024.7	2036.6	2048.5	2051.5	2060.5	2072.4	2078.4	2096.6	2133.0	2160.3	2163.3
167.5°	2057.2	2062.9	2068.5	2069.9	2077.4	2087.5	2092.5	2104.4	2128.3	2146.2	2147.5
170°	2078.4	2084.1	2089.7	2091.1	2091.5	2092.2	2092.5	2104.4	2128.3	2146.2	2146.2
172.5°	2089.7	2091.0	2092.3	2092.5	2092.5	2092.5	2092.5	2102.0	2120.8	2134.9	2133.8
175°	2105.3	2105.3	2105.3	2105.3	2101.0	2095.3	2092.5	2098.5	2110.4	2119.4	2119.4
177.5°	2105.3	2105.3	2105.3	2105.3	2102.0	2097.5	2095.3	2100.1	2109.4	2116.5	2115.3
180°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	5005.7	4991.9	5005.7	4996.5	5001.2	4987.3	4945.7	4931.9	4945.7	4959.6	4959.6
5°	5065.8	5056.6	5065.8	5065.8	5061.2	5051.9	5005.7	4996.5	5005.7	5010.4	5001.2
7.5°	5084.2	5070.4	5084.2	5075.0	5075.0	5065.8	5019.6	5010.4	5015.0	5028.8	5015.0
10°	5084.2	5070.4	5084.2	5079.7	5075.0	5065.8	5019.6	5001.2	5001.2	5015.0	5001.2
12.5°	5061.2	5051.9	5061.2	5051.9	5051.9	5042.7	4996.5	4978.1	4982.6	4987.3	4968.8
15°	5024.2	5010.4	5024.2	5015.0	5019.6	5005.7	4955.0	4936.5	4936.5	4945.7	4913.4
17.5°	4968.8	4950.3	4968.8	4964.2	4959.6	4950.3	4904.1	4885.7	4881.1	4885.7	4862.6
20°	4904.1	4890.3	4904.1	4899.6	4899.6	4881.1	4834.9	4811.8	4811.8	4811.8	4788.7
22.5°	4802.6	4788.7	4802.6	4811.8	4811.8	4807.2	4765.6	4733.3	4724.1	4724.1	4696.4
25°	4687.1	4673.3	4687.1	4687.1	4682.5	4687.1	4673.3	4654.8	4641.0	4627.1	4599.4
27.5°	4576.3	4567.1	4576.3	4567.1	4576.3	4562.5	4557.8	4553.2	4534.7	4520.9	4484.0
30°	4465.5	4456.2	4465.5	4456.2	4447.0	4437.8	4414.7	4405.5	4423.9	4414.7	4354.6
32.5°	4327.0	4317.7	4327.0	4327.0	4317.7	4317.7	4280.8	4266.9	4271.6	4299.2	4243.8
35°	4183.8	4170.0	4183.8	4179.1	4183.8	4170.0	4146.9	4142.2	4123.7	4156.0	4114.5
37.5°	4017.5	4003.7	4017.5	4017.5	4017.5	4026.8	4008.3	3994.5	3966.7	4008.3	3976.0
40°	3846.7	3828.2	3846.7	3842.0	3846.7	3856.0	3846.7	3837.5	3809.7	3842.0	3814.4
42.5°	3652.7	3648.1	3652.7	3657.4	3657.4	3675.8	3689.7	3671.2	3661.9	3638.9	3657.4
45°	3444.9	3435.7	3444.9	3454.2	3458.8	3468.0	3509.6	3509.6	3495.7	3458.8	3486.5
47.5°	3223.3	3200.2	3223.3	3251.0	3251.0	3264.9	3306.3	3338.7	3315.6	3269.4	3283.3
50°	2987.8	2992.3	2987.8	3006.3	3006.3	3057.0	3089.3	3121.7	3144.8	3089.3	3024.7
52.5°	2756.8	2752.3	2756.8	2770.8	2789.2	2812.2	2867.7	2900.0	2936.9	2904.7	2803.0
55°	2526.0	2535.2	2526.0	2530.6	2539.8	2553.7	2636.8	2669.1	2738.4	2696.8	2590.6
57.5°	2295.1	2281.2	2295.1	2304.3	2308.9	2322.8	2392.1	2452.1	2493.7	2498.2	2369.0
60°	2027.2	2008.8	2027.2	2068.8	2078.1	2087.3	2151.9	2207.3	2244.3	2258.2	2124.2
62.5°	1791.7	1759.4	1791.7	1819.5	1837.9	1861.0	1907.1	1990.3	2022.6	2027.2	1837.9
65°	1542.4	1528.6	1542.4	1597.8	1602.4	1630.1	1680.9	1741.0	1810.2	1801.0	1528.6
67.5°	1316.1	1316.1	1316.1	1353.0	1380.7	1394.6	1459.2	1487.0	1574.7	1584.0	1274.5
70°	1108.3	1103.7	1108.3	1136.0	1154.4	1186.8	1246.8	1279.1	1348.4	1371.5	1034.4
72.5°	909.7	905.1	909.7	932.8	951.3	979.0	1029.8	1066.7	1126.8	1154.4	803.5
75°	734.3	725.0	734.3	752.7	748.1	785.0	826.6	863.5	918.9	937.4	595.7
77.5°	563.3	563.3	563.3	581.9	581.9	618.8	637.3	683.4	715.8	743.4	438.7
80°	420.3	415.6	420.3	424.8	424.8	443.4	475.6	507.9	535.7	535.7	300.2
82.5°	295.5	286.3	295.5	295.5	295.5	304.8	323.3	332.5	350.9	364.9	189.3
85°	184.7	184.7	184.7	189.3	184.7	193.9	198.6	207.8	207.8	198.6	115.4
87.5°	120.1	115.4	120.1	115.4	115.4	110.8	110.8	110.8	106.2	101.6	64.7
90°	53.7	53.7	53.7	53.7	53.7	71.6	95.4	107.3	92.2	62.1	39.6
92.5°	215.0	172.4	215.0	257.8	268.4	380.5	530.0	604.7	531.0	383.4	272.7
95°	749.6	620.3	749.6	879.0	911.4	1196.7	1577.2	1767.5	1492.8	943.3	531.2
97.5°	1796.1	1549.9	1796.1	2042.2	2103.8	2284.2	2524.7	2645.0	2186.9	1270.7	583.5
100°	2587.8	2294.6	2587.8	2881.1	2954.4	2941.2	2923.7	2914.8	2406.5	1389.8	627.4
102.5°	3366.7	3115.5	3366.7	3617.9	3680.7	3450.8	3144.3	2991.2	2475.6	1444.5	671.1
105°	4359.6	4224.6	4359.6	4494.6	4528.4	4013.1	3326.1	2982.6	2483.4	1485.0	736.2
107.5°	5010.0	5042.7	5010.0	4977.4	4969.2	4250.5	3292.2	2813.1	2373.0	1492.5	832.2
110°	5258.1	5398.7	5258.1	5117.4	5082.2	4278.8	3207.5	2671.8	2274.9	1481.2	885.9



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5280.2	5496.2	5280.2	5064.2	5010.2	4187.9	3091.5	2543.3	2189.4	1481.6	950.8
115°	5140.2	5439.7	5140.2	4840.6	4765.8	3973.6	2917.4	2389.3	2091.3	1495.4	1048.4
117.5°	4843.3	5175.5	4843.3	4511.1	4428.0	3713.1	2759.9	2283.3	2029.9	1523.1	1143.0
120°	4604.0	4926.8	4604.0	4281.3	4200.6	3547.4	2676.4	2240.9	2009.2	1545.7	1198.2
122.5°	4371.1	4689.5	4371.1	4052.7	3973.1	3384.9	2600.6	2208.4	1998.4	1578.2	1263.1
125°	4038.7	4332.0	4038.7	3745.4	3672.1	3172.5	2506.1	2173.0	1989.4	1622.1	1346.5
127.5°	3739.8	3987.2	3739.8	3492.4	3430.5	3001.4	2429.4	2143.4	1984.2	1665.8	1427.0
130°	3563.7	3792.3	3563.7	3335.1	3278.0	2896.0	2386.7	2132.1	1987.4	1697.8	1480.7
132.5°	3403.9	3608.5	3403.9	3199.2	3148.0	2806.0	2350.1	2122.2	1989.4	1723.8	1524.6
135°	3184.8	3361.3	3184.8	3008.4	2964.3	2678.0	2296.2	2105.3	1987.6	1752.1	1575.4
137.5°	3009.2	3153.6	3009.2	2864.7	2828.6	2586.6	2263.8	2102.4	1999.7	1794.3	1640.3
140°	2888.6	3023.6	2888.6	2753.6	2719.8	2510.7	2231.9	2092.5	2001.7	1820.3	1684.2
142.5°	2788.8	2904.9	2788.8	2672.6	2643.6	2459.9	2215.0	2092.5	2009.0	1841.9	1716.7
145°	2638.9	2726.9	2638.9	2551.1	2529.1	2378.9	2178.6	2078.4	2009.0	1870.2	1766.2
147.5°	2524.1	2596.9	2524.1	2451.2	2433.0	2314.8	2157.2	2078.4	2022.9	1911.7	1828.3
150°	2451.7	2510.8	2451.7	2392.6	2377.9	2278.1	2145.0	2078.4	2030.0	1933.3	1860.8
152.5°	2389.9	2434.5	2389.9	2345.3	2334.1	2248.9	2135.3	2078.4	2034.8	1947.5	1882.0
155°	2318.8	2348.2	2318.8	2289.2	2281.8	2214.1	2123.6	2078.4	2045.1	1978.6	1928.6
157.5°	2262.5	2283.3	2262.5	2241.8	2236.6	2183.9	2113.5	2078.4	2055.5	2009.7	1975.3
160°	2229.0	2240.9	2229.0	2217.1	2214.1	2168.8	2108.5	2078.4	2060.2	2023.8	1996.5
162.5°	2207.0	2218.2	2207.0	2195.7	2192.9	2154.7	2103.9	2078.4	2065.2	2038.9	2019.0
165°	2175.2	2187.2	2175.2	2163.3	2160.3	2133.0	2096.6	2078.4	2072.4	2060.5	2051.5
167.5°	2152.5	2157.5	2152.5	2147.5	2146.2	2128.3	2104.4	2092.5	2087.5	2077.4	2069.9
170°	2146.2	2146.2	2146.2	2146.2	2146.2	2128.3	2104.4	2092.5	2092.2	2091.5	2091.1
172.5°	2129.4	2125.0	2129.4	2133.8	2134.9	2120.8	2102.0	2092.5	2092.5	2092.5	2092.5
175°	2119.4	2119.4	2119.4	2119.4	2119.4	2110.4	2098.5	2092.5	2095.3	2101.0	2105.3
177.5°	2110.3	2105.3	2110.3	2115.3	2116.5	2109.4	2100.1	2095.3	2097.5	2102.0	2105.3
180°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	4950.3	4922.7	4922.7	4876.5	4858.0	4844.2	4821.1	4751.8	4733.3	4714.8	4742.6
5°	4991.9	4941.1	4904.1	4821.1	4751.8	4724.1	4636.3	4470.0	4359.3	4276.1	4230.0
7.5°	5001.2	4936.5	4867.2	4737.9	4571.7	4497.8	4230.0	3925.2	3842.0	3768.2	3722.0
10°	4991.9	4918.0	4821.1	4627.1	4234.5	4105.3	3837.5	3638.9	3588.1	3574.2	3588.1
12.5°	4959.6	4890.3	4756.4	4433.1	3883.6	3795.9	3638.9	3523.4	3514.2	3537.3	3661.9
15°	4904.1	4839.5	4682.5	4174.5	3689.7	3625.0	3514.2	3472.6	3523.4	3685.0	4059.1
17.5°	4848.7	4774.9	4580.9	3920.5	3541.9	3495.7	3417.2	3500.4	3786.6	4003.7	4128.4
20°	4774.9	4687.1	4465.5	3735.9	3435.7	3394.1	3357.2	3731.2	3948.3	4026.8	4096.0
22.5°	4687.1	4594.8	4308.5	3606.5	3324.9	3292.5	3315.6	3860.5	3948.3	4003.7	4063.7
25°	4571.7	4493.2	4123.7	3504.9	3237.1	3200.2	3287.9	3846.7	3897.4	3911.3	4031.4
27.5°	4465.5	4363.9	3929.8	3412.6	3130.9	3117.1	3311.0	3786.6	3823.6	3837.5	3966.7
30°	4336.1	4183.8	3712.8	3315.6	3020.1	3015.4	3315.6	3712.8	3703.5	3740.4	3869.8
32.5°	4202.3	3916.0	3468.0	3195.6	2913.8	2909.3	3283.3	3601.9	3592.7	3643.5	3740.4
35°	4077.5	3708.1	3135.5	3057.0	2779.9	2784.6	3204.8	3472.6	3477.3	3523.4	3583.4
37.5°	3948.3	3528.0	2770.8	2904.7	2650.7	2650.7	3098.6	3352.6	3343.4	3357.2	3440.3
40°	3795.9	3246.3	2447.5	2706.1	2530.6	2516.7	2969.3	3223.3	3190.9	3186.4	3301.8
42.5°	3634.3	2936.9	2207.3	2442.8	2392.1	2373.6	2812.2	3066.3	3006.3	3020.1	3167.8
45°	3458.8	2853.8	2022.6	2064.1	2248.9	2235.1	2641.4	2886.2	2844.6	2881.5	3033.9
47.5°	3283.3	2687.6	1962.6	1713.2	2096.5	2091.9	2452.1	2710.7	2687.6	2724.5	2886.2
50°	3043.2	2502.9	1958.0	1468.5	1925.6	1944.1	2225.8	2539.8	2539.8	2572.2	2743.0
52.5°	2733.7	2276.6	1777.9	1330.0	1727.0	1782.5	2027.2	2392.1	2401.3	2433.6	2586.0
55°	2452.1	2041.1	1648.5	1223.7	1491.5	1611.6	1833.3	2239.6	2258.2	2290.5	2429.0
57.5°	2193.5	1699.4	1620.9	1099.0	1274.5	1390.0	1662.5	2091.9	2101.2	2128.8	2262.7
60°	1916.4	1228.4	1487.0	965.1	1085.2	1173.0	1505.4	1916.4	1948.7	1967.2	2082.6
62.5°	1602.4	891.3	1348.4	872.8	992.9	1011.3	1376.1	1750.1	1791.7	1805.5	1874.9
65°	1140.6	748.1	1145.2	794.3	895.9	900.4	1237.6	1579.3	1616.2	1639.3	1690.1
67.5°	771.2	609.5	872.8	720.3	821.9	826.6	1103.7	1380.7	1431.5	1450.1	1482.3
70°	535.7	406.3	646.5	641.8	738.9	748.1	960.5	1200.6	1246.8	1260.7	1279.1
72.5°	392.5	327.8	535.7	577.3	651.1	660.4	812.8	997.4	1043.6	1057.5	1066.7
75°	300.2	346.3	434.1	503.3	554.2	558.8	664.9	812.8	845.1	854.3	858.9
77.5°	240.1	323.3	318.6	406.3	452.5	443.4	521.9	628.0	655.8	655.8	655.8
80°	180.1	254.0	240.1	290.9	332.5	323.3	374.0	447.9	457.2	466.4	461.8
82.5°	133.9	161.6	161.6	184.7	221.7	212.4	249.3	290.9	290.9	290.9	300.2
85°	83.1	92.3	73.9	97.0	124.7	120.1	138.5	157.0	161.6	161.6	152.4
87.5°	50.8	41.6	23.1	36.9	55.4	55.4	64.7	69.2	64.7	64.7	64.7
90°	36.7	25.4	14.1	25.4	36.7	39.6	62.1	92.2	107.3	95.4	71.6
92.5°	248.7	152.5	56.5	152.5	248.7	272.7	383.4	531.0	604.7	530.0	380.5
95°	487.3	311.5	135.6	311.5	487.3	531.2	943.3	1492.8	1767.5	1577.2	1196.7
97.5°	544.8	389.6	234.5	389.6	544.8	583.5	1270.7	2186.9	2645.0	2524.7	2284.2
100°	592.2	451.5	310.8	451.5	592.2	627.4	1389.8	2406.5	2914.8	2923.7	2941.2
102.5°	638.3	507.1	375.9	507.1	638.3	671.1	1444.5	2475.6	2991.2	3144.3	3450.8
105°	708.3	597.2	486.0	597.2	708.3	736.2	1485.0	2483.4	2982.6	3326.1	4013.1
107.5°	806.3	702.7	599.1	702.7	806.3	832.2	1492.5	2373.0	2813.1	3292.2	4250.5
110°	862.5	768.9	675.4	768.9	862.5	885.9	1481.2	2274.9	2671.8	3207.5	4278.8



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	928.6	839.4	750.3	839.4	928.6	950.8	1481.6	2189.4	2543.3	3091.5	4187.9
115°	1027.8	945.5	863.2	945.5	1027.8	1048.4	1495.4	2091.3	2389.3	2917.4	3973.6
117.5°	1124.4	1049.6	974.9	1049.6	1124.4	1143.0	1523.1	2029.9	2283.3	2759.9	3713.1
120°	1180.6	1110.2	1039.9	1110.2	1180.6	1198.2	1545.7	2009.2	2240.9	2676.4	3547.4
122.5°	1245.4	1174.4	1103.5	1174.4	1245.4	1263.1	1578.2	1998.4	2208.4	2600.6	3384.9
125°	1330.3	1265.7	1201.0	1265.7	1330.3	1346.5	1622.1	1989.4	2173.0	2506.1	3172.5
127.5°	1410.8	1345.4	1280.1	1345.4	1410.8	1427.0	1665.8	1984.2	2143.4	2429.4	3001.4
130°	1463.2	1392.8	1322.5	1392.8	1463.2	1480.7	1697.8	1987.4	2132.1	2386.7	2896.0
132.5°	1507.0	1436.6	1366.3	1436.6	1507.0	1524.6	1723.8	1989.4	2122.2	2350.1	2806.0
135°	1559.4	1495.4	1431.3	1495.4	1559.4	1575.4	1752.1	1987.6	2105.3	2296.2	2678.0
137.5°	1624.5	1561.1	1497.7	1561.1	1624.5	1640.3	1794.3	1999.7	2102.4	2263.8	2586.6
140°	1669.5	1611.1	1552.8	1611.1	1669.5	1684.2	1820.3	2001.7	2092.5	2231.9	2510.7
142.5°	1703.2	1649.2	1595.1	1649.2	1703.2	1716.7	1841.9	2009.0	2092.5	2215.0	2459.9
145°	1754.4	1707.3	1660.2	1707.3	1754.4	1766.2	1870.2	2009.0	2078.4	2178.6	2378.9
147.5°	1816.8	1771.0	1725.1	1771.0	1816.8	1828.3	1911.7	2022.9	2078.4	2157.2	2314.8
150°	1850.5	1809.0	1767.5	1809.0	1850.5	1860.8	1933.3	2030.0	2078.4	2145.0	2278.1
152.5°	1874.2	1842.7	1811.4	1842.7	1874.2	1882.0	1947.5	2034.8	2078.4	2135.3	2248.9
155°	1922.8	1899.6	1876.3	1899.6	1922.8	1928.6	1978.6	2045.1	2078.4	2123.6	2214.1
157.5°	1969.6	1947.0	1924.4	1947.0	1969.6	1975.3	2009.7	2055.5	2078.4	2113.5	2183.9
160°	1992.1	1974.5	1956.9	1974.5	1992.1	1996.5	2023.8	2060.2	2078.4	2108.5	2168.8
162.5°	2015.8	2002.6	1989.4	2002.6	2015.8	2019.0	2038.9	2065.2	2078.4	2103.9	2154.7
165°	2048.5	2036.6	2024.7	2036.6	2048.5	2051.5	2060.5	2072.4	2078.4	2096.6	2133.0
167.5°	2068.5	2062.9	2057.2	2062.9	2068.5	2069.9	2077.4	2087.5	2092.5	2104.4	2128.3
170°	2089.7	2084.1	2078.4	2084.1	2089.7	2091.1	2091.5	2092.2	2092.5	2104.4	2128.3
172.5°	2092.3	2091.0	2089.7	2091.0	2092.3	2092.5	2092.5	2092.5	2092.5	2102.0	2120.8
175°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2101.0	2095.3	2092.5	2098.5	2110.4
177.5°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2102.0	2097.5	2095.3	2100.1	2109.4
180°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3



TEST NUMBER: P935728
 CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	4710.2	4696.4	4714.8	4664.1	4714.8	4696.4	4710.2	4742.6	4714.8	4733.3	4751.8
5°	4133.0	4109.9	4036.0	3976.0	4036.0	4109.9	4133.0	4230.0	4276.1	4359.3	4470.0
7.5°	3694.3	3675.8	3657.4	3620.4	3657.4	3675.8	3694.3	3722.0	3768.2	3842.0	3925.2
10°	3597.3	3601.9	3629.6	3625.0	3629.6	3601.9	3597.3	3588.1	3574.2	3588.1	3638.9
12.5°	3846.7	3888.2	4040.6	4031.4	4040.6	3888.2	3846.7	3661.9	3537.3	3514.2	3523.4
15°	4133.0	4146.9	4179.1	4183.8	4179.1	4146.9	4133.0	4059.1	3685.0	3523.4	3472.6
17.5°	4160.7	4165.3	4188.4	4188.4	4188.4	4165.3	4160.7	4128.4	4003.7	3786.6	3500.4
20°	4137.6	4146.9	4193.1	4202.3	4193.1	4146.9	4137.6	4096.0	4026.8	3948.3	3731.2
22.5°	4128.4	4146.9	4183.8	4179.1	4183.8	4146.9	4128.4	4063.7	4003.7	3948.3	3860.5
25°	4082.2	4082.2	4086.8	4091.5	4086.8	4082.2	4082.2	4031.4	3911.3	3897.4	3846.7
27.5°	3985.2	3994.5	4022.1	4017.5	4022.1	3994.5	3985.2	3966.7	3837.5	3823.6	3786.6
30°	3897.4	3888.2	3865.1	3846.7	3865.1	3888.2	3897.4	3869.8	3740.4	3703.5	3712.8
32.5°	3749.7	3726.6	3703.5	3689.7	3703.5	3726.6	3749.7	3740.4	3643.5	3592.7	3601.9
35°	3574.2	3578.9	3574.2	3560.4	3574.2	3578.9	3574.2	3583.4	3523.4	3477.3	3472.6
37.5°	3449.5	3458.8	3454.2	3435.7	3454.2	3458.8	3449.5	3440.3	3357.2	3343.4	3352.6
40°	3320.3	3324.9	3320.3	3306.3	3320.3	3324.9	3320.3	3301.8	3186.4	3190.9	3223.3
42.5°	3195.6	3190.9	3177.1	3167.8	3177.1	3190.9	3195.6	3167.8	3020.1	3006.3	3066.3
45°	3052.4	3057.0	3029.3	3015.4	3029.3	3057.0	3052.4	3033.9	2881.5	2844.6	2886.2
47.5°	2909.3	2909.3	2886.2	2872.3	2886.2	2909.3	2909.3	2886.2	2724.5	2687.6	2710.7
50°	2756.8	2752.3	2719.9	2715.3	2719.9	2752.3	2756.8	2743.0	2572.2	2539.8	2539.8
52.5°	2581.4	2581.4	2586.0	2595.2	2586.0	2581.4	2581.4	2586.0	2433.6	2401.3	2392.1
55°	2429.0	2433.6	2465.9	2475.2	2465.9	2433.6	2429.0	2429.0	2290.5	2258.2	2239.6
57.5°	2272.0	2272.0	2295.1	2295.1	2295.1	2272.0	2272.0	2262.7	2128.8	2101.2	2091.9
60°	2091.9	2101.2	2119.6	2115.0	2119.6	2101.2	2091.9	2082.6	1967.2	1948.7	1916.4
62.5°	1902.6	1911.8	1916.4	1907.1	1916.4	1911.8	1902.6	1874.9	1805.5	1791.7	1750.1
65°	1704.0	1713.2	1717.8	1708.6	1717.8	1713.2	1704.0	1690.1	1639.3	1616.2	1579.3
67.5°	1500.8	1496.2	1491.5	1510.0	1491.5	1496.2	1500.8	1482.3	1450.1	1431.5	1380.7
70°	1293.0	1293.0	1288.4	1297.6	1288.4	1293.0	1293.0	1279.1	1260.7	1246.8	1200.6
72.5°	1071.4	1066.7	1085.2	1071.4	1085.2	1066.7	1071.4	1066.7	1057.5	1043.6	997.4
75°	854.3	863.5	854.3	868.2	854.3	863.5	854.3	858.9	854.3	845.1	812.8
77.5°	651.1	660.4	651.1	651.1	651.1	660.4	651.1	655.8	655.8	655.8	628.0
80°	461.8	457.2	457.2	452.5	457.2	457.2	461.8	461.8	466.4	457.2	447.9
82.5°	295.5	290.9	290.9	300.2	290.9	290.9	295.5	300.2	290.9	290.9	290.9
85°	161.6	166.3	157.0	157.0	157.0	166.3	161.6	152.4	161.6	161.6	157.0
87.5°	60.0	55.4	55.4	55.4	55.4	55.4	60.0	64.7	64.7	64.7	69.2
90°	53.7	53.7	53.7	53.7	53.7	53.7	53.7	71.6	95.4	107.3	92.2
92.5°	268.4	257.8	215.0	172.4	215.0	257.8	268.4	380.5	530.0	604.7	531.0
95°	911.4	879.0	749.6	620.3	749.6	879.0	911.4	1196.7	1577.2	1767.5	1492.8
97.5°	2103.8	2042.2	1796.1	1549.9	1796.1	2042.2	2103.8	2284.2	2524.7	2645.0	2186.9
100°	2954.4	2881.1	2587.8	2294.6	2587.8	2881.1	2954.4	2941.2	2923.7	2914.8	2406.5
102.5°	3680.7	3617.9	3366.7	3115.5	3366.7	3617.9	3680.7	3450.8	3144.3	2991.2	2475.6
105°	4528.4	4494.6	4359.6	4224.6	4359.6	4494.6	4528.4	4013.1	3326.1	2982.6	2483.4
107.5°	4969.2	4977.4	5010.0	5042.7	5010.0	4977.4	4969.2	4250.5	3292.2	2813.1	2373.0
110°	5082.2	5117.4	5258.1	5398.7	5258.1	5117.4	5082.2	4278.8	3207.5	2671.8	2274.9



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5010.2	5064.2	5280.2	5496.2	5280.2	5064.2	5010.2	4187.9	3091.5	2543.3	2189.4
115°	4765.8	4840.6	5140.2	5439.7	5140.2	4840.6	4765.8	3973.6	2917.4	2389.3	2091.3
117.5°	4428.0	4511.1	4843.3	5175.5	4843.3	4511.1	4428.0	3713.1	2759.9	2283.3	2029.9
120°	4200.6	4281.3	4604.0	4926.8	4604.0	4281.3	4200.6	3547.4	2676.4	2240.9	2009.2
122.5°	3973.1	4052.7	4371.1	4689.5	4371.1	4052.7	3973.1	3384.9	2600.6	2208.4	1998.4
125°	3672.1	3745.4	4038.7	4332.0	4038.7	3745.4	3672.1	3172.5	2506.1	2173.0	1989.4
127.5°	3430.5	3492.4	3739.8	3987.2	3739.8	3492.4	3430.5	3001.4	2429.4	2143.4	1984.2
130°	3278.0	3335.1	3563.7	3792.3	3563.7	3335.1	3278.0	2896.0	2386.7	2132.1	1987.4
132.5°	3148.0	3199.2	3403.9	3608.5	3403.9	3199.2	3148.0	2806.0	2350.1	2122.2	1989.4
135°	2964.3	3008.4	3184.8	3361.3	3184.8	3008.4	2964.3	2678.0	2296.2	2105.3	1987.6
137.5°	2828.6	2864.7	3009.2	3153.6	3009.2	2864.7	2828.6	2586.6	2263.8	2102.4	1999.7
140°	2719.8	2753.6	2888.6	3023.6	2888.6	2753.6	2719.8	2510.7	2231.9	2092.5	2001.7
142.5°	2643.6	2672.6	2788.8	2904.9	2788.8	2672.6	2643.6	2459.9	2215.0	2092.5	2009.0
145°	2529.1	2551.1	2638.9	2726.9	2638.9	2551.1	2529.1	2378.9	2178.6	2078.4	2009.0
147.5°	2433.0	2451.2	2524.1	2596.9	2524.1	2451.2	2433.0	2314.8	2157.2	2078.4	2022.9
150°	2377.9	2392.6	2451.7	2510.8	2451.7	2392.6	2377.9	2278.1	2145.0	2078.4	2030.0
152.5°	2334.1	2345.3	2389.9	2434.5	2389.9	2345.3	2334.1	2248.9	2135.3	2078.4	2034.8
155°	2281.8	2289.2	2318.8	2348.2	2318.8	2289.2	2281.8	2214.1	2123.6	2078.4	2045.1
157.5°	2236.6	2241.8	2262.5	2283.3	2262.5	2241.8	2236.6	2183.9	2113.5	2078.4	2055.5
160°	2214.1	2217.1	2229.0	2240.9	2229.0	2217.1	2214.1	2168.8	2108.5	2078.4	2060.2
162.5°	2192.9	2195.7	2207.0	2218.2	2207.0	2195.7	2192.9	2154.7	2103.9	2078.4	2065.2
165°	2160.3	2163.3	2175.2	2187.2	2175.2	2163.3	2160.3	2133.0	2096.6	2078.4	2072.4
167.5°	2146.2	2147.5	2152.5	2157.5	2152.5	2147.5	2146.2	2128.3	2104.4	2092.5	2087.5
170°	2146.2	2146.2	2146.2	2146.2	2146.2	2146.2	2146.2	2128.3	2104.4	2092.5	2092.2
172.5°	2134.9	2133.8	2129.4	2125.0	2129.4	2133.8	2134.9	2120.8	2102.0	2092.5	2092.5
175°	2119.4	2119.4	2119.4	2119.4	2119.4	2119.4	2119.4	2110.4	2098.5	2092.5	2095.3
177.5°	2116.5	2115.3	2110.3	2105.3	2110.3	2115.3	2116.5	2109.4	2100.1	2095.3	2097.5
180°	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3	2105.3



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	4821.1	4844.2	4858.0	4876.5	4922.7
5°	4636.3	4724.1	4751.8	4821.1	4904.1
7.5°	4230.0	4497.8	4571.7	4737.9	4867.2
10°	3837.5	4105.3	4234.5	4627.1	4821.1
12.5°	3638.9	3795.9	3883.6	4433.1	4756.4
15°	3514.2	3625.0	3689.7	4174.5	4682.5
17.5°	3417.2	3495.7	3541.9	3920.5	4580.9
20°	3357.2	3394.1	3435.7	3735.9	4465.5
22.5°	3315.6	3292.5	3324.9	3606.5	4308.5
25°	3287.9	3200.2	3237.1	3504.9	4123.7
27.5°	3311.0	3117.1	3130.9	3412.6	3929.8
30°	3315.6	3015.4	3020.1	3315.6	3712.8
32.5°	3283.3	2909.3	2913.8	3195.6	3468.0
35°	3204.8	2784.6	2779.9	3057.0	3135.5
37.5°	3098.6	2650.7	2650.7	2904.7	2770.8
40°	2969.3	2516.7	2530.6	2706.1	2447.5
42.5°	2812.2	2373.6	2392.1	2442.8	2207.3
45°	2641.4	2235.1	2248.9	2064.1	2022.6
47.5°	2452.1	2091.9	2096.5	1713.2	1962.6
50°	2225.8	1944.1	1925.6	1468.5	1958.0
52.5°	2027.2	1782.5	1727.0	1330.0	1777.9
55°	1833.3	1611.6	1491.5	1223.7	1648.5
57.5°	1662.5	1390.0	1274.5	1099.0	1620.9
60°	1505.4	1173.0	1085.2	965.1	1487.0
62.5°	1376.1	1011.3	992.9	872.8	1348.4
65°	1237.6	900.4	895.9	794.3	1145.2
67.5°	1103.7	826.6	821.9	720.3	872.8
70°	960.5	748.1	738.9	641.8	646.5
72.5°	812.8	660.4	651.1	577.3	535.7
75°	664.9	558.8	554.2	503.3	434.1
77.5°	521.9	443.4	452.5	406.3	318.6
80°	374.0	323.3	332.5	290.9	240.1
82.5°	249.3	212.4	221.7	184.7	161.6
85°	138.5	120.1	124.7	97.0	73.9
87.5°	64.7	55.4	55.4	36.9	23.1
90°	62.1	39.6	36.7	25.4	14.1
92.5°	383.4	272.7	248.7	152.5	56.5
95°	943.3	531.2	487.3	311.5	135.6
97.5°	1270.7	583.5	544.8	389.6	234.5
100°	1389.8	627.4	592.2	451.5	310.8
102.5°	1444.5	671.1	638.3	507.1	375.9
105°	1485.0	736.2	708.3	597.2	486.0
107.5°	1492.5	832.2	806.3	702.7	599.1
110°	1481.2	885.9	862.5	768.9	675.4



TEST NUMBER: P935728

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1481.6	950.8	928.6	839.4	750.3
115°	1495.4	1048.4	1027.8	945.5	863.2
117.5°	1523.1	1143.0	1124.4	1049.6	974.9
120°	1545.7	1198.2	1180.6	1110.2	1039.9
122.5°	1578.2	1263.1	1245.4	1174.4	1103.5
125°	1622.1	1346.5	1330.3	1265.7	1201.0
127.5°	1665.8	1427.0	1410.8	1345.4	1280.1
130°	1697.8	1480.7	1463.2	1392.8	1322.5
132.5°	1723.8	1524.6	1507.0	1436.6	1366.3
135°	1752.1	1575.4	1559.4	1495.4	1431.3
137.5°	1794.3	1640.3	1624.5	1561.1	1497.7
140°	1820.3	1684.2	1669.5	1611.1	1552.8
142.5°	1841.9	1716.7	1703.2	1649.2	1595.1
145°	1870.2	1766.2	1754.4	1707.3	1660.2
147.5°	1911.7	1828.3	1816.8	1771.0	1725.1
150°	1933.3	1860.8	1850.5	1809.0	1767.5
152.5°	1947.5	1882.0	1874.2	1842.7	1811.4
155°	1978.6	1928.6	1922.8	1899.6	1876.3
157.5°	2009.7	1975.3	1969.6	1947.0	1924.4
160°	2023.8	1996.5	1992.1	1974.5	1956.9
162.5°	2038.9	2019.0	2015.8	2002.6	1989.4
165°	2060.5	2051.5	2048.5	2036.6	2024.7
167.5°	2077.4	2069.9	2068.5	2062.9	2057.2
170°	2091.5	2091.1	2089.7	2084.1	2078.4
172.5°	2092.5	2092.5	2092.3	2091.0	2089.7
175°	2101.0	2105.3	2105.3	2105.3	2105.3
177.5°	2102.0	2105.3	2105.3	2105.3	2105.3
180°	2105.3	2105.3	2105.3	2105.3	2105.3



TEST NUMBER: P935728
 CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-4000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.07	14.91	15.04	15.90	17.20	16.92	17.76	17.89	18.75	20.05
	3H	14.54	15.30	15.53	16.30	17.62	18.27	19.03	19.25	20.02	21.34
	4H	14.73	15.45	15.73	16.45	17.78	18.72	19.43	19.72	20.43	21.76
	6H	14.85	15.51	15.86	16.52	17.86	19.01	19.67	20.02	20.67	22.01
	8H	14.85	15.48	15.87	16.50	17.84	19.08	19.71	20.10	20.73	22.07
	12H	14.82	15.42	15.84	16.43	17.80	19.13	19.72	20.14	20.74	22.10
4H	2H	15.10	15.82	16.11	16.82	18.15	17.33	18.04	18.33	19.04	20.37
	3H	16.13	16.73	17.14	17.75	19.10	18.84	19.43	19.85	20.46	21.80
	4H	16.40	16.95	17.43	17.97	19.34	19.37	19.91	20.39	20.93	22.30
	6H	16.53	17.00	17.56	18.04	19.40	19.74	20.21	20.77	21.25	22.61
	8H	16.53	16.97	17.57	18.01	19.39	19.85	20.29	20.88	21.32	22.70
	12H	16.50	16.90	17.55	17.95	19.33	19.91	20.30	20.96	21.35	22.74
8H	4H	16.86	17.30	17.89	18.34	19.71	19.49	19.93	20.52	20.97	22.34
	6H	17.12	17.48	18.18	18.56	19.94	19.93	20.29	20.99	21.37	22.75
	8H	17.16	17.48	18.23	18.55	19.94	20.09	20.41	21.15	21.47	22.86
	12H	17.15	17.43	18.21	18.49	19.92	20.19	20.47	21.26	21.53	22.96
12H	4H	16.87	17.26	17.92	18.31	19.70	19.45	19.85	20.50	20.90	22.28
	6H	17.18	17.50	18.25	18.57	19.96	19.93	20.25	20.99	21.31	22.70
	8H	17.25	17.53	18.32	18.59	20.02	20.09	20.37	21.16	21.43	22.87