

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: P935553

Luminaire Tested: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935553
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

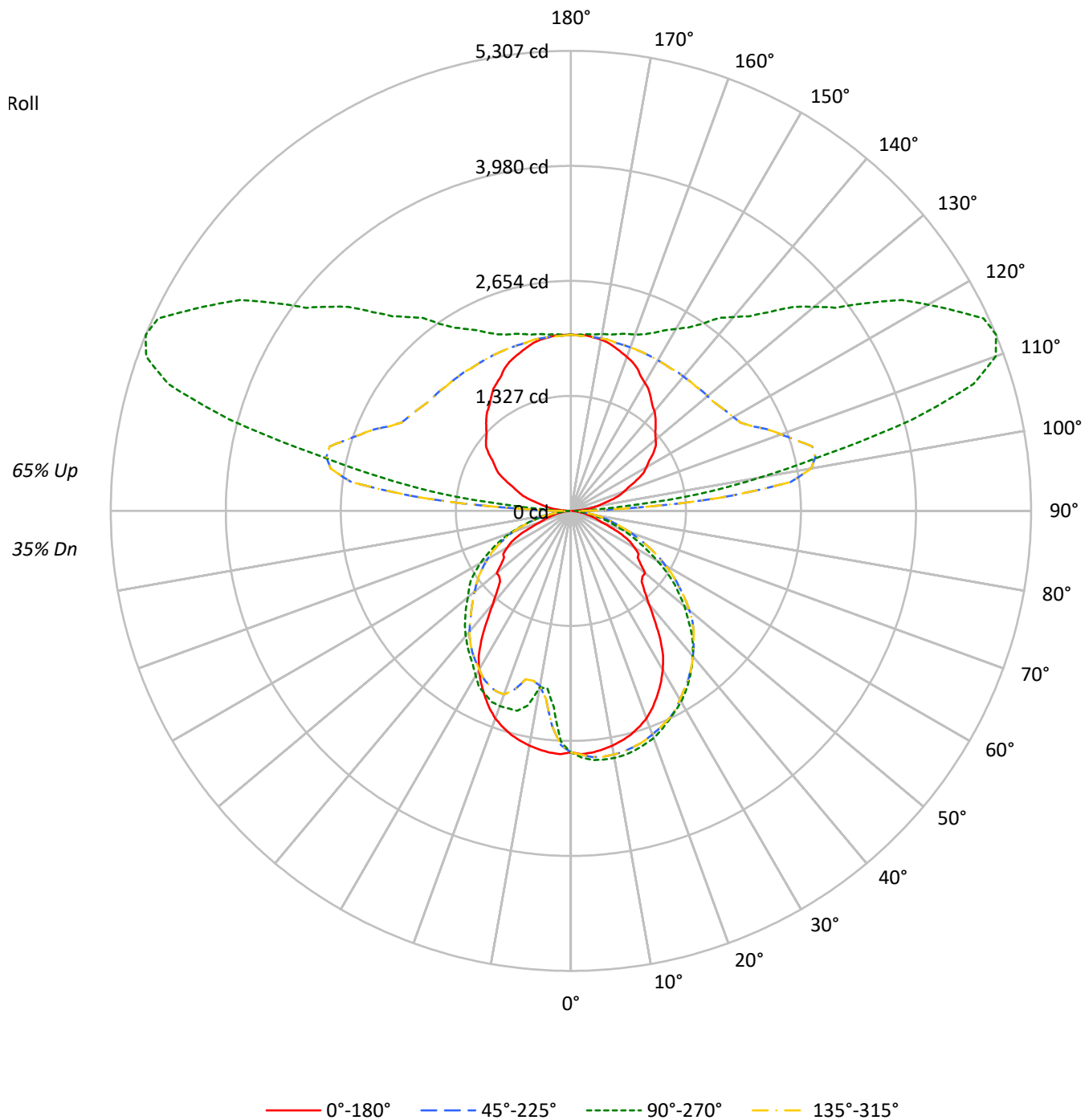
Lumens per Lamp: N/A
Luminaire Lumens: 20406.4 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 166.8
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: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35		
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30		
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25		
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21		
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18		
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16		
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14		
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12		
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11		
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10		
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8615	8615	8615	8615
5°	8682	8696	8682	6838
10°	8627	8566	8627	6124
15°	8537	8381	8537	6998
20°	8362	8161	8362	7012
25°	8000	7840	8000	6864
30°	7530	7574	7530	6538
35°	6716	7237	6716	6179
40°	5600	6840	5600	5908
45°	5007	6377	5007	5597
50°	5323	5823	5323	5284
55°	5013	5227	5013	5103
60°	5174	4439	5174	4674
65°	4699	3670	4699	4102
70°	3261	2924	3261	3438
75°	2871	2162	2871	2589
80°	2330	1429	2330	1556
85°	1367	757	1367	644

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 7668 cd/sqm

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.4	1.2
10°-20°	713.8	3.5
20°-30°	1103.4	5.4
30°-40°	1317.2	6.5
40°-50°	1325.0	6.5
50°-60°	1152.9	5.6
60°-70°	817.4	4.0
70°-80°	432.5	2.1
80°-90°	115.5	0.6
90°-100°	990.8	4.9
100°-110°	2605.0	12.8
110°-120°	2701.1	13.2
120°-130°	2166.6	10.6
130°-140°	1700.0	8.3
140°-150°	1304.8	6.4
150°-160°	939.7	4.6
160°-170°	575.0	2.8
170°-180°	194.2	1.0
0°-30°	2068.7	10.1
0°-40°	3385.9	16.6
0°-60°	5863.8	28.7
0°-90°	7229.1	35.4
90°-120°	6296.9	30.9
90°-150°	11468.4	56.2
90°-180°	13177.0	64.6
0°-180°	20406.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2785	2785	2785	2785	2785	
5°	2798	2885	2798	2269	2798	265
15°	2672	2859	2672	2387	2672	752
25°	2353	2667	2353	2335	2353	1080
35°	1789	2379	1789	2032	1789	1107
45°	1154	1960	1154	1721	1154	924
55°	941	1447	941	1412	941	864
65°	654	872	654	975	654	625
75°	248	414	248	495	248	260
85°	42	105	42	90	42	57
90°	14	52	14	52	14	13
95°	131	599	131	599	131	145
105°	469	4079	469	4079	469	498
115°	834	5252	834	5252	834	823
125°	1160	4183	1160	4183	1160	1030
135°	1382	3246	1382	3246	1382	1069
145°	1603	2633	1603	2633	1603	1004
155°	1812	2267	1812	2267	1812	832
165°	1955	2112	1955	2112	1955	552
175°	2033	2046	2033	2046	2033	193
180°	2033	2033	2033	2033	2033	

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2
2.5°	2808.9	2808.9	2824.7	2830.0	2830.0	2822.1	2814.2	2822.1	2845.8	2853.7	2851.1
5°	2798.4	2819.4	2848.4	2853.7	2859.0	2856.3	2851.1	2856.3	2882.7	2887.9	2890.6
7.5°	2777.3	2816.8	2853.7	2861.6	2869.5	2861.6	2859.0	2864.2	2890.6	2895.8	2895.8
10°	2750.9	2806.3	2848.4	2853.7	2861.6	2853.7	2853.7	2864.2	2890.6	2895.8	2898.5
12.5°	2714.0	2790.5	2830.0	2835.2	2845.8	2843.1	2840.5	2851.1	2877.4	2882.7	2882.7
15°	2671.9	2761.5	2798.4	2803.6	2822.1	2816.8	2816.8	2827.3	2856.3	2864.2	2861.6
17.5°	2613.9	2724.6	2766.7	2774.6	2787.8	2785.2	2787.8	2798.4	2824.7	2830.0	2832.6
20°	2548.0	2674.5	2724.6	2732.5	2745.7	2745.7	2745.7	2758.8	2785.2	2795.7	2795.7
22.5°	2458.5	2621.8	2674.5	2679.8	2695.6	2695.6	2700.9	2719.3	2743.0	2745.7	2745.7
25°	2353.1	2563.8	2608.6	2624.5	2640.3	2648.2	2656.1	2666.6	2674.5	2671.9	2674.5
27.5°	2242.3	2490.1	2548.0	2558.6	2579.7	2587.6	2598.1	2600.7	2603.4	2611.3	2606.0
30°	2118.5	2387.3	2474.3	2484.8	2519.1	2524.3	2513.8	2519.1	2532.2	2537.5	2542.8
32.5°	1978.8	2234.4	2397.8	2421.6	2453.2	2437.4	2434.7	2442.6	2463.7	2463.7	2469.0
35°	1789.1	2115.8	2326.7	2347.8	2371.5	2353.1	2363.6	2366.2	2379.4	2387.3	2384.7
37.5°	1580.9	2013.1	2252.8	2268.7	2287.1	2263.4	2279.2	2287.1	2297.6	2292.4	2292.4
40°	1396.5	1852.3	2165.9	2176.4	2192.2	2173.8	2189.6	2194.9	2200.1	2194.9	2192.2
42.5°	1259.5	1675.8	2073.7	2086.8	2076.3	2089.5	2094.7	2105.3	2097.4	2086.8	2086.8
45°	1154.1	1628.4	1973.5	1989.4	1973.5	1994.6	2002.5	2002.5	1978.8	1973.5	1970.9
47.5°	1119.8	1533.5	1873.4	1873.4	1865.5	1891.9	1905.0	1886.6	1862.9	1855.0	1855.0
50°	1117.2	1428.1	1736.4	1725.9	1762.8	1794.4	1781.2	1762.8	1744.3	1715.3	1715.3
52.5°	1014.4	1299.0	1559.9	1599.4	1657.4	1675.8	1654.7	1636.3	1604.7	1591.5	1580.9
55°	940.7	1164.6	1399.1	1478.2	1538.8	1562.5	1523.0	1504.5	1457.1	1449.2	1443.9
57.5°	924.9	969.6	1251.6	1351.7	1425.5	1422.8	1399.1	1364.9	1325.4	1317.5	1314.8
60°	848.4	700.9	1093.5	1212.1	1288.5	1280.6	1259.5	1227.9	1191.0	1185.7	1180.4
62.5°	769.4	508.5	914.3	1048.7	1156.7	1154.1	1135.6	1088.2	1061.9	1048.7	1038.2
65°	653.5	426.9	650.8	872.2	1027.6	1032.9	993.4	959.1	930.1	914.3	911.7
67.5°	498.0	347.8	440.0	727.2	903.8	898.5	848.4	832.6	795.7	787.8	772.0
70°	368.9	231.9	305.6	590.2	782.6	769.4	729.9	711.4	677.2	658.7	648.2
72.5°	305.6	187.1	224.0	458.5	658.7	642.9	608.7	587.6	558.6	542.8	532.3
75°	247.7	197.6	171.3	339.9	534.9	524.3	492.7	471.6	447.9	426.9	429.5
77.5°	181.8	184.4	137.0	250.3	424.2	408.4	390.0	363.6	353.1	332.0	332.0
80°	137.0	144.9	102.8	171.3	305.6	305.6	289.8	271.4	253.0	242.4	242.4
82.5°	92.2	92.2	76.4	108.0	208.2	200.3	189.7	184.4	173.9	168.6	168.6
85°	42.2	52.7	47.4	65.9	113.3	118.6	118.6	113.3	110.7	105.4	108.0
87.5°	13.2	23.7	29.0	36.9	58.0	60.6	63.2	63.2	63.2	65.9	65.9
90°	13.6	24.5	35.5	38.2	60.0	89.1	103.6	92.1	69.1	51.8	51.8
92.5°	54.5	147.3	240.1	263.3	370.2	512.7	583.9	511.7	367.4	259.2	248.9
95°	131.0	300.7	470.5	512.9	910.8	1441.4	1706.6	1522.9	1155.5	880.0	848.7
97.5°	226.4	376.2	526.0	563.4	1226.9	2111.5	2553.8	2437.7	2205.5	2031.3	1971.9
100°	300.1	436.0	571.8	605.8	1342.0	2323.6	2814.4	2822.9	2839.9	2852.6	2781.8
102.5°	362.9	489.7	616.3	648.0	1394.7	2390.3	2888.1	3036.0	3331.9	3553.9	3493.3
105°	469.3	576.6	683.9	710.8	1433.8	2397.8	2879.9	3211.5	3874.9	4372.4	4339.8
107.5°	578.4	678.5	778.5	803.6	1441.1	2291.2	2716.2	3178.8	4104.0	4798.0	4805.9
110°	652.1	742.4	832.8	855.4	1430.1	2196.5	2579.7	3097.0	4131.4	4907.2	4941.1

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	724.4	810.5	896.6	918.1	1430.6	2114.0	2455.6	2985.0	4043.6	4837.6	4889.8
115°	833.5	912.9	992.4	1012.2	1443.8	2019.2	2306.9	2816.9	3836.7	4601.6	4673.9
117.5°	941.4	1013.5	1085.7	1103.7	1470.6	1959.9	2204.6	2664.9	3585.2	4275.5	4355.7
120°	1004.1	1072.0	1139.9	1156.9	1492.5	1940.0	2163.7	2584.2	3425.2	4055.9	4133.8
122.5°	1065.5	1134.0	1202.5	1219.6	1523.9	1929.5	2132.3	2511.0	3268.2	3836.2	3913.1
125°	1159.6	1222.1	1284.5	1300.1	1566.2	1920.8	2098.2	2419.8	3063.2	3545.6	3616.4
127.5°	1236.0	1299.1	1362.2	1377.9	1608.4	1915.8	2069.5	2345.7	2898.0	3312.3	3372.1
130°	1277.0	1344.9	1412.7	1429.7	1639.3	1918.9	2058.6	2304.5	2796.2	3165.0	3220.2
132.5°	1319.2	1387.1	1455.1	1472.0	1664.4	1920.8	2049.1	2269.2	2709.4	3039.5	3089.0
135°	1382.0	1443.8	1505.7	1521.1	1691.7	1919.1	2032.7	2217.1	2585.7	2862.2	2904.8
137.5°	1446.1	1507.3	1568.6	1583.8	1732.5	1930.9	2030.0	2185.8	2497.4	2731.2	2766.0
140°	1499.3	1555.6	1612.0	1626.2	1757.6	1932.8	2020.4	2155.0	2424.2	2626.1	2658.7
142.5°	1540.2	1592.4	1644.5	1657.5	1778.5	1939.8	2020.4	2138.7	2375.2	2552.5	2580.5
145°	1603.0	1648.5	1694.0	1705.3	1805.8	1939.8	2006.8	2103.5	2296.9	2441.9	2463.2
147.5°	1665.7	1710.0	1754.2	1765.3	1845.8	1953.2	2006.8	2082.9	2235.1	2349.2	2366.8
150°	1706.6	1746.7	1786.7	1796.7	1866.7	1960.1	2006.8	2071.1	2199.6	2296.0	2310.2
152.5°	1749.0	1779.3	1809.7	1817.2	1880.4	1964.7	2006.8	2061.7	2171.4	2253.7	2264.5
155°	1811.7	1834.2	1856.6	1862.2	1910.4	1974.7	2006.8	2050.5	2137.8	2203.2	2210.3
157.5°	1858.1	1879.9	1901.8	1907.2	1940.4	1984.7	2006.8	2040.7	2108.6	2159.6	2164.6
160°	1889.5	1906.4	1923.5	1927.7	1954.0	1989.3	2006.8	2035.9	2094.1	2137.8	2140.7
162.5°	1920.8	1933.6	1946.3	1949.5	1968.6	1994.1	2006.8	2031.4	2080.5	2117.3	2120.0
165°	1954.9	1966.4	1977.9	1980.8	1989.5	2001.0	2006.8	2024.4	2059.5	2085.9	2088.8
167.5°	1986.4	1991.8	1997.3	1998.6	2005.9	2015.6	2020.4	2031.9	2055.0	2072.3	2073.5
170°	2006.8	2012.3	2017.7	2019.0	2019.5	2020.1	2020.4	2031.9	2055.0	2072.3	2072.3
172.5°	2017.7	2019.0	2020.2	2020.4	2020.4	2020.4	2020.4	2029.6	2047.8	2061.4	2060.3
175°	2032.7	2032.7	2032.7	2032.7	2028.6	2023.2	2020.4	2026.2	2037.7	2046.4	2046.4
177.5°	2032.7	2032.7	2032.7	2032.7	2029.6	2025.3	2023.2	2027.7	2036.8	2043.6	2042.4
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7

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CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2
2.5°	2856.3	2848.4	2856.3	2851.1	2853.7	2845.8	2822.1	2814.2	2822.1	2830.0	2830.0
5°	2890.6	2885.3	2890.6	2890.6	2887.9	2882.7	2856.3	2851.1	2856.3	2859.0	2853.7
7.5°	2901.1	2893.2	2901.1	2895.8	2895.8	2890.6	2864.2	2859.0	2861.6	2869.5	2861.6
10°	2901.1	2893.2	2901.1	2898.5	2895.8	2890.6	2864.2	2853.7	2853.7	2861.6	2853.7
12.5°	2887.9	2882.7	2887.9	2882.7	2882.7	2877.4	2851.1	2840.5	2843.1	2845.8	2835.2
15°	2866.9	2859.0	2866.9	2861.6	2864.2	2856.3	2827.3	2816.8	2816.8	2822.1	2803.6
17.5°	2835.2	2824.7	2835.2	2832.6	2830.0	2824.7	2798.4	2787.8	2785.2	2787.8	2774.6
20°	2798.4	2790.5	2798.4	2795.7	2795.7	2785.2	2758.8	2745.7	2745.7	2745.7	2732.5
22.5°	2740.4	2732.5	2740.4	2745.7	2745.7	2743.0	2719.3	2700.9	2695.6	2695.6	2679.8
25°	2674.5	2666.6	2674.5	2674.5	2671.9	2674.5	2666.6	2656.1	2648.2	2640.3	2624.5
27.5°	2611.3	2606.0	2611.3	2606.0	2611.3	2603.4	2600.7	2598.1	2587.6	2579.7	2558.6
30°	2548.0	2542.8	2548.0	2542.8	2537.5	2532.2	2519.1	2513.8	2524.3	2519.1	2484.8
32.5°	2469.0	2463.7	2469.0	2469.0	2463.7	2463.7	2442.6	2434.7	2437.4	2453.2	2421.6
35°	2387.3	2379.4	2387.3	2384.7	2387.3	2379.4	2366.2	2363.6	2353.1	2371.5	2347.8
37.5°	2292.4	2284.5	2292.4	2292.4	2292.4	2297.6	2287.1	2279.2	2263.4	2287.1	2268.7
40°	2194.9	2184.3	2194.9	2192.2	2194.9	2200.1	2194.9	2189.6	2173.8	2192.2	2176.4
42.5°	2084.2	2081.6	2084.2	2086.8	2086.8	2097.4	2105.3	2094.7	2089.5	2076.3	2086.8
45°	1965.6	1960.4	1965.6	1970.9	1973.5	1978.8	2002.5	2002.5	1994.6	1973.5	1989.4
47.5°	1839.2	1826.0	1839.2	1855.0	1855.0	1862.9	1886.6	1905.0	1891.9	1865.5	1873.4
50°	1704.8	1707.4	1704.8	1715.3	1715.3	1744.3	1762.8	1781.2	1794.4	1762.8	1725.9
52.5°	1573.0	1570.4	1573.0	1580.9	1591.5	1604.7	1636.3	1654.7	1675.8	1657.4	1599.4
55°	1441.3	1446.6	1441.3	1443.9	1449.2	1457.1	1504.5	1523.0	1562.5	1538.8	1478.2
57.5°	1309.5	1301.6	1309.5	1314.8	1317.5	1325.4	1364.9	1399.1	1422.8	1425.5	1351.7
60°	1156.7	1146.2	1156.7	1180.4	1185.7	1191.0	1227.9	1259.5	1280.6	1288.5	1212.1
62.5°	1022.3	1003.9	1022.3	1038.2	1048.7	1061.9	1088.2	1135.6	1154.1	1156.7	1048.7
65°	880.1	872.2	880.1	911.7	914.3	930.1	959.1	993.4	1032.9	1027.6	872.2
67.5°	750.9	750.9	750.9	772.0	787.8	795.7	832.6	848.4	898.5	903.8	727.2
70°	632.4	629.7	632.4	648.2	658.7	677.2	711.4	729.9	769.4	782.6	590.2
72.5°	519.1	516.4	519.1	532.3	542.8	558.6	587.6	608.7	642.9	658.7	458.5
75°	418.9	413.7	418.9	429.5	426.9	447.9	471.6	492.7	524.3	534.9	339.9
77.5°	321.5	321.5	321.5	332.0	332.0	353.1	363.6	390.0	408.4	424.2	250.3
80°	239.8	237.1	239.8	242.4	242.4	253.0	271.4	289.8	305.6	305.6	171.3
82.5°	168.6	163.4	168.6	168.6	168.6	173.9	184.4	189.7	200.3	208.2	108.0
85°	105.4	105.4	105.4	108.0	105.4	110.7	113.3	118.6	118.6	113.3	65.9
87.5°	68.5	65.9	68.5	65.9	65.9	63.2	63.2	63.2	60.6	58.0	36.9
90°	51.8	51.8	51.8	51.8	51.8	69.1	92.1	103.6	89.1	60.0	38.2
92.5°	207.6	166.4	207.6	248.9	259.2	367.4	511.7	583.9	512.7	370.2	263.3
95°	723.8	598.9	723.8	848.7	880.0	1155.5	1522.9	1706.6	1441.4	910.8	512.9
97.5°	1734.2	1496.5	1734.2	1971.9	2031.3	2205.5	2437.7	2553.8	2111.5	1226.9	563.4
100°	2498.7	2215.5	2498.7	2781.8	2852.6	2839.9	2822.9	2814.4	2323.6	1342.0	605.8
102.5°	3250.7	3008.2	3250.7	3493.3	3553.9	3331.9	3036.0	2888.1	2390.3	1394.7	648.0
105°	4209.4	4079.1	4209.4	4339.8	4372.4	3874.9	3211.5	2879.9	2397.8	1433.8	710.8
107.5°	4837.4	4868.9	4837.4	4805.9	4798.0	4104.0	3178.8	2716.2	2291.2	1441.1	803.6
110°	5076.9	5212.7	5076.9	4941.1	4907.2	4131.4	3097.0	2579.7	2196.5	1430.1	855.4

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5098.3	5306.9	5098.3	4889.8	4837.6	4043.6	2985.0	2455.6	2114.0	1430.6	918.1
115°	4963.1	5252.3	4963.1	4673.9	4601.6	3836.7	2816.9	2306.9	2019.2	1443.8	1012.2
117.5°	4676.4	4997.2	4676.4	4355.7	4275.5	3585.2	2664.9	2204.6	1959.9	1470.6	1103.7
120°	4445.4	4757.1	4445.4	4133.8	4055.9	3425.2	2584.2	2163.7	1940.0	1492.5	1156.9
122.5°	4220.5	4527.9	4220.5	3913.1	3836.2	3268.2	2511.0	2132.3	1929.5	1523.9	1219.6
125°	3899.6	4182.7	3899.6	3616.4	3545.6	3063.2	2419.8	2098.2	1920.8	1566.2	1300.1
127.5°	3611.0	3849.9	3611.0	3372.1	3312.3	2898.0	2345.7	2069.5	1915.8	1608.4	1377.9
130°	3440.9	3661.6	3440.9	3220.2	3165.0	2796.2	2304.5	2058.6	1918.9	1639.3	1429.7
132.5°	3286.6	3484.2	3286.6	3089.0	3039.5	2709.4	2269.2	2049.1	1920.8	1664.4	1472.0
135°	3075.1	3245.5	3075.1	2904.8	2862.2	2585.7	2217.1	2032.7	1919.1	1691.7	1521.1
137.5°	2905.5	3045.0	2905.5	2766.0	2731.2	2497.4	2185.8	2030.0	1930.9	1732.5	1583.8
140°	2789.1	2919.5	2789.1	2658.7	2626.1	2424.2	2155.0	2020.4	1932.8	1757.6	1626.2
142.5°	2692.7	2804.9	2692.7	2580.5	2552.5	2375.2	2138.7	2020.4	1939.8	1778.5	1657.5
145°	2548.0	2633.0	2548.0	2463.2	2441.9	2296.9	2103.5	2006.8	1939.8	1805.8	1705.3
147.5°	2437.1	2507.5	2437.1	2366.8	2349.2	2235.1	2082.9	2006.8	1953.2	1845.8	1765.3
150°	2367.3	2424.3	2367.3	2310.2	2296.0	2199.6	2071.1	2006.8	1960.1	1866.7	1796.7
152.5°	2307.6	2350.6	2307.6	2264.5	2253.7	2171.4	2061.7	2006.8	1964.7	1880.4	1817.2
155°	2238.9	2267.3	2238.9	2210.3	2203.2	2137.8	2050.5	2006.8	1974.7	1910.4	1862.2
157.5°	2184.6	2204.6	2184.6	2164.6	2159.6	2108.6	2040.7	2006.8	1984.7	1940.4	1907.2
160°	2152.2	2163.7	2152.2	2140.7	2137.8	2094.1	2035.9	2006.8	1989.3	1954.0	1927.7
162.5°	2130.9	2141.8	2130.9	2120.0	2117.3	2080.5	2031.4	2006.8	1994.1	1968.6	1949.5
165°	2100.3	2111.9	2100.3	2088.8	2085.9	2059.5	2024.4	2006.8	2001.0	1989.5	1980.8
167.5°	2078.3	2083.2	2078.3	2073.5	2072.3	2055.0	2031.9	2020.4	2015.6	2005.9	1998.6
170°	2072.3	2072.3	2072.3	2072.3	2072.3	2055.0	2031.9	2020.4	2020.1	2019.5	2019.0
172.5°	2056.0	2051.8	2056.0	2060.3	2061.4	2047.8	2029.6	2020.4	2020.4	2020.4	2020.4
175°	2046.4	2046.4	2046.4	2046.4	2046.4	2037.7	2026.2	2020.4	2023.2	2028.6	2032.7
177.5°	2037.6	2032.7	2037.6	2042.4	2043.6	2036.8	2027.7	2023.2	2025.3	2029.6	2032.7
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2
2.5°	2824.7	2808.9	2808.9	2782.5	2772.0	2764.1	2750.9	2711.4	2700.9	2690.3	2706.1
5°	2848.4	2819.4	2798.4	2750.9	2711.4	2695.6	2645.5	2550.7	2487.4	2440.0	2413.7
7.5°	2853.7	2816.8	2777.3	2703.5	2608.6	2566.5	2413.7	2239.7	2192.2	2150.1	2123.7
10°	2848.4	2806.3	2750.9	2640.3	2416.3	2342.5	2189.6	2076.3	2047.3	2039.4	2047.3
12.5°	2830.0	2790.5	2714.0	2529.6	2216.0	2165.9	2076.3	2010.4	2005.2	2018.3	2089.5
15°	2798.4	2761.5	2671.9	2382.0	2105.3	2068.4	2005.2	1981.4	2010.4	2102.7	2316.1
17.5°	2766.7	2724.6	2613.9	2237.0	2021.0	1994.6	1949.8	1997.3	2160.6	2284.5	2355.7
20°	2724.6	2674.5	2548.0	2131.6	1960.4	1936.7	1915.6	2129.0	2252.8	2297.6	2337.2
22.5°	2674.5	2621.8	2458.5	2057.9	1897.1	1878.7	1891.9	2202.8	2252.8	2284.5	2318.7
25°	2608.6	2563.8	2353.1	1999.9	1847.1	1826.0	1876.1	2194.9	2223.9	2231.8	2300.3
27.5°	2548.0	2490.1	2242.3	1947.2	1786.5	1778.6	1889.2	2160.6	2181.7	2189.6	2263.4
30°	2474.3	2387.3	2118.5	1891.9	1723.2	1720.6	1891.9	2118.5	2113.2	2134.3	2208.0
32.5°	2397.8	2234.4	1978.8	1823.4	1662.6	1660.0	1873.4	2055.2	2050.0	2078.9	2134.3
35°	2326.7	2115.8	1789.1	1744.3	1586.2	1588.8	1828.6	1981.4	1984.1	2010.4	2044.7
37.5°	2252.8	2013.1	1580.9	1657.4	1512.4	1512.4	1768.0	1912.9	1907.7	1915.6	1963.0
40°	2165.9	1852.3	1396.5	1544.1	1443.9	1436.0	1694.2	1839.2	1820.7	1818.1	1884.0
42.5°	2073.7	1675.8	1259.5	1393.9	1364.9	1354.3	1604.7	1749.6	1715.3	1723.2	1807.5
45°	1973.5	1628.4	1154.1	1177.8	1283.2	1275.3	1507.2	1646.8	1623.1	1644.2	1731.1
47.5°	1873.4	1533.5	1119.8	977.5	1196.2	1193.6	1399.1	1546.7	1533.5	1554.6	1646.8
50°	1736.4	1428.1	1117.2	837.9	1098.8	1109.3	1270.0	1449.2	1449.2	1467.6	1565.1
52.5°	1559.9	1299.0	1014.4	758.9	985.5	1017.1	1156.7	1364.9	1370.1	1388.6	1475.5
55°	1399.1	1164.6	940.7	698.2	851.1	919.6	1046.1	1277.9	1288.5	1306.9	1386.0
57.5°	1251.6	969.6	924.9	627.1	727.2	793.1	948.6	1193.6	1198.9	1214.7	1291.1
60°	1093.5	700.9	848.4	550.7	619.2	669.3	859.0	1093.5	1111.9	1122.5	1188.3
62.5°	914.3	508.5	769.4	498.0	566.5	577.0	785.2	998.6	1022.3	1030.2	1069.8
65°	650.8	426.9	653.5	453.2	511.2	513.8	706.2	901.1	922.2	935.4	964.4
67.5°	440.0	347.8	498.0	411.0	469.0	471.6	629.7	787.8	816.8	827.4	845.8
70°	305.6	231.9	368.9	366.3	421.6	426.9	548.1	685.1	711.4	719.3	729.9
72.5°	224.0	187.1	305.6	329.4	371.5	376.8	463.7	569.1	595.5	603.4	608.7
75°	171.3	197.6	247.7	287.2	316.2	318.8	379.4	463.7	482.2	487.5	490.1
77.5°	137.0	184.4	181.8	231.9	258.2	253.0	297.7	358.3	374.2	374.2	374.2
80°	102.8	144.9	137.0	166.0	189.7	184.4	213.4	255.6	260.9	266.1	263.5
82.5°	76.4	92.2	92.2	105.4	126.5	121.2	142.3	166.0	166.0	166.0	171.3
85°	47.4	52.7	42.2	55.3	71.1	68.5	79.0	89.6	92.2	92.2	87.0
87.5°	29.0	23.7	13.2	21.1	31.6	31.6	36.9	39.5	36.9	36.9	36.9
90°	35.5	24.5	13.6	24.5	35.5	38.2	60.0	89.1	103.6	92.1	69.1
92.5°	240.1	147.3	54.5	147.3	240.1	263.3	370.2	512.7	583.9	511.7	367.4
95°	470.5	300.7	131.0	300.7	470.5	512.9	910.8	1441.4	1706.6	1522.9	1155.5
97.5°	526.0	376.2	226.4	376.2	526.0	563.4	1226.9	2111.5	2553.8	2437.7	2205.5
100°	571.8	436.0	300.1	436.0	571.8	605.8	1342.0	2323.6	2814.4	2822.9	2839.9
102.5°	616.3	489.7	362.9	489.7	616.3	648.0	1394.7	2390.3	2888.1	3036.0	3331.9
105°	683.9	576.6	469.3	576.6	683.9	710.8	1433.8	2397.8	2879.9	3211.5	3874.9
107.5°	778.5	678.5	578.4	678.5	778.5	803.6	1441.1	2291.2	2716.2	3178.8	4104.0
110°	832.8	742.4	652.1	742.4	832.8	855.4	1430.1	2196.5	2579.7	3097.0	4131.4

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	896.6	810.5	724.4	810.5	896.6	918.1	1430.6	2114.0	2455.6	2985.0	4043.6
115°	992.4	912.9	833.5	912.9	992.4	1012.2	1443.8	2019.2	2306.9	2816.9	3836.7
117.5°	1085.7	1013.5	941.4	1013.5	1085.7	1103.7	1470.6	1959.9	2204.6	2664.9	3585.2
120°	1139.9	1072.0	1004.1	1072.0	1139.9	1156.9	1492.5	1940.0	2163.7	2584.2	3425.2
122.5°	1202.5	1134.0	1065.5	1134.0	1202.5	1219.6	1523.9	1929.5	2132.3	2511.0	3268.2
125°	1284.5	1222.1	1159.6	1222.1	1284.5	1300.1	1566.2	1920.8	2098.2	2419.8	3063.2
127.5°	1362.2	1299.1	1236.0	1299.1	1362.2	1377.9	1608.4	1915.8	2069.5	2345.7	2898.0
130°	1412.7	1344.9	1277.0	1344.9	1412.7	1429.7	1639.3	1918.9	2058.6	2304.5	2796.2
132.5°	1455.1	1387.1	1319.2	1387.1	1455.1	1472.0	1664.4	1920.8	2049.1	2269.2	2709.4
135°	1505.7	1443.8	1382.0	1443.8	1505.7	1521.1	1691.7	1919.1	2032.7	2217.1	2585.7
137.5°	1568.6	1507.3	1446.1	1507.3	1568.6	1583.8	1732.5	1930.9	2030.0	2185.8	2497.4
140°	1612.0	1555.6	1499.3	1555.6	1612.0	1626.2	1757.6	1932.8	2020.4	2155.0	2424.2
142.5°	1644.5	1592.4	1540.2	1592.4	1644.5	1657.5	1778.5	1939.8	2020.4	2138.7	2375.2
145°	1694.0	1648.5	1603.0	1648.5	1694.0	1705.3	1805.8	1939.8	2006.8	2103.5	2296.9
147.5°	1754.2	1710.0	1665.7	1710.0	1754.2	1765.3	1845.8	1953.2	2006.8	2082.9	2235.1
150°	1786.7	1746.7	1706.6	1746.7	1786.7	1796.7	1866.7	1960.1	2006.8	2071.1	2199.6
152.5°	1809.7	1779.3	1749.0	1779.3	1809.7	1817.2	1880.4	1964.7	2006.8	2061.7	2171.4
155°	1856.6	1834.2	1811.7	1834.2	1856.6	1862.2	1910.4	1974.7	2006.8	2050.5	2137.8
157.5°	1901.8	1879.9	1858.1	1879.9	1901.8	1907.2	1940.4	1984.7	2006.8	2040.7	2108.6
160°	1923.5	1906.4	1889.5	1906.4	1923.5	1927.7	1954.0	1989.3	2006.8	2035.9	2094.1
162.5°	1946.3	1933.6	1920.8	1933.6	1946.3	1949.5	1968.6	1994.1	2006.8	2031.4	2080.5
165°	1977.9	1966.4	1954.9	1966.4	1977.9	1980.8	1989.5	2001.0	2006.8	2024.4	2059.5
167.5°	1997.3	1991.8	1986.4	1991.8	1997.3	1998.6	2005.9	2015.6	2020.4	2031.9	2055.0
170°	2017.7	2012.3	2006.8	2012.3	2017.7	2019.0	2019.5	2020.1	2020.4	2031.9	2055.0
172.5°	2020.2	2019.0	2017.7	2019.0	2020.2	2020.4	2020.4	2020.4	2020.4	2029.6	2047.8
175°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2028.6	2023.2	2020.4	2026.2	2037.7
177.5°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2029.6	2025.3	2023.2	2027.7	2036.8
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2	2785.2
2.5°	2687.7	2679.8	2690.3	2661.3	2690.3	2679.8	2687.7	2706.1	2690.3	2700.9	2711.4
5°	2358.3	2345.2	2302.9	2268.7	2302.9	2345.2	2358.3	2413.7	2440.0	2487.4	2550.7
7.5°	2107.9	2097.4	2086.8	2065.8	2086.8	2097.4	2107.9	2123.7	2150.1	2192.2	2239.7
10°	2052.6	2055.2	2071.0	2068.4	2071.0	2055.2	2052.6	2047.3	2039.4	2047.3	2076.3
12.5°	2194.9	2218.6	2305.5	2300.3	2305.5	2218.6	2194.9	2089.5	2018.3	2005.2	2010.4
15°	2358.3	2366.2	2384.7	2387.3	2384.7	2366.2	2358.3	2316.1	2102.7	2010.4	1981.4
17.5°	2374.1	2376.8	2389.9	2389.9	2389.9	2376.8	2374.1	2355.7	2284.5	2160.6	1997.3
20°	2361.0	2366.2	2392.6	2397.8	2392.6	2366.2	2361.0	2337.2	2297.6	2252.8	2129.0
22.5°	2355.7	2366.2	2387.3	2384.7	2387.3	2366.2	2355.7	2318.7	2284.5	2252.8	2202.8
25°	2329.3	2329.3	2332.0	2334.6	2332.0	2329.3	2329.3	2300.3	2231.8	2223.9	2194.9
27.5°	2273.9	2279.2	2295.0	2292.4	2295.0	2279.2	2273.9	2263.4	2189.6	2181.7	2160.6
30°	2223.9	2218.6	2205.4	2194.9	2205.4	2218.6	2223.9	2208.0	2134.3	2113.2	2118.5
32.5°	2139.5	2126.4	2113.2	2105.3	2113.2	2126.4	2139.5	2134.3	2078.9	2050.0	2055.2
35°	2039.4	2042.0	2039.4	2031.5	2039.4	2042.0	2039.4	2044.7	2010.4	1984.1	1981.4
37.5°	1968.3	1973.5	1970.9	1960.4	1970.9	1973.5	1968.3	1963.0	1915.6	1907.7	1912.9
40°	1894.5	1897.1	1894.5	1886.6	1894.5	1897.1	1894.5	1884.0	1818.1	1820.7	1839.2
42.5°	1823.4	1820.7	1812.8	1807.5	1812.8	1820.7	1823.4	1807.5	1723.2	1715.3	1749.6
45°	1741.7	1744.3	1728.5	1720.6	1728.5	1744.3	1741.7	1731.1	1644.2	1623.1	1646.8
47.5°	1660.0	1660.0	1646.8	1638.9	1646.8	1660.0	1660.0	1646.8	1554.6	1533.5	1546.7
50°	1573.0	1570.4	1552.0	1549.3	1552.0	1570.4	1573.0	1565.1	1467.6	1449.2	1449.2
52.5°	1472.9	1472.9	1475.5	1480.8	1475.5	1472.9	1472.9	1475.5	1388.6	1370.1	1364.9
55°	1386.0	1388.6	1407.0	1412.3	1407.0	1388.6	1386.0	1386.0	1306.9	1288.5	1277.9
57.5°	1296.4	1296.4	1309.5	1309.5	1309.5	1296.4	1296.4	1291.1	1214.7	1198.9	1193.6
60°	1193.6	1198.9	1209.4	1206.8	1209.4	1198.9	1193.6	1188.3	1122.5	1111.9	1093.5
62.5°	1085.6	1090.8	1093.5	1088.2	1093.5	1090.8	1085.6	1069.8	1030.2	1022.3	998.6
65°	972.3	977.5	980.2	974.9	980.2	977.5	972.3	964.4	935.4	922.2	901.1
67.5°	856.3	853.7	851.1	861.6	851.1	853.7	856.3	845.8	827.4	816.8	787.8
70°	737.8	737.8	735.1	740.4	735.1	737.8	737.8	729.9	719.3	711.4	685.1
72.5°	611.3	608.7	619.2	611.3	619.2	608.7	611.3	608.7	603.4	595.5	569.1
75°	487.5	492.7	487.5	495.4	487.5	492.7	487.5	490.1	487.5	482.2	463.7
77.5°	371.5	376.8	371.5	371.5	371.5	376.8	371.5	374.2	374.2	374.2	358.3
80°	263.5	260.9	260.9	258.2	260.9	260.9	263.5	263.5	266.1	260.9	255.6
82.5°	168.6	166.0	166.0	171.3	166.0	166.0	168.6	171.3	166.0	166.0	166.0
85°	92.2	94.9	89.6	89.6	89.6	94.9	92.2	87.0	92.2	92.2	89.6
87.5°	34.3	31.6	31.6	31.6	31.6	31.6	34.3	36.9	36.9	36.9	39.5
90°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	69.1	92.1	103.6	89.1
92.5°	259.2	248.9	207.6	166.4	207.6	248.9	259.2	367.4	511.7	583.9	512.7
95°	880.0	848.7	723.8	598.9	723.8	848.7	880.0	1155.5	1522.9	1706.6	1441.4
97.5°	2031.3	1971.9	1734.2	1496.5	1734.2	1971.9	2031.3	2205.5	2437.7	2553.8	2111.5
100°	2852.6	2781.8	2498.7	2215.5	2498.7	2781.8	2852.6	2839.9	2822.9	2814.4	2323.6
102.5°	3553.9	3493.3	3250.7	3008.2	3250.7	3493.3	3553.9	3331.9	3036.0	2888.1	2390.3
105°	4372.4	4339.8	4209.4	4079.1	4209.4	4339.8	4372.4	3874.9	3211.5	2879.9	2397.8
107.5°	4798.0	4805.9	4837.4	4868.9	4837.4	4805.9	4798.0	4104.0	3178.8	2716.2	2291.2
110°	4907.2	4941.1	5076.9	5212.7	5076.9	4941.1	4907.2	4131.4	3097.0	2579.7	2196.5

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4837.6	4889.8	5098.3	5306.9	5098.3	4889.8	4837.6	4043.6	2985.0	2455.6	2114.0
115°	4601.6	4673.9	4963.1	5252.3	4963.1	4673.9	4601.6	3836.7	2816.9	2306.9	2019.2
117.5°	4275.5	4355.7	4676.4	4997.2	4676.4	4355.7	4275.5	3585.2	2664.9	2204.6	1959.9
120°	4055.9	4133.8	4445.4	4757.1	4445.4	4133.8	4055.9	3425.2	2584.2	2163.7	1940.0
122.5°	3836.2	3913.1	4220.5	4527.9	4220.5	3913.1	3836.2	3268.2	2511.0	2132.3	1929.5
125°	3545.6	3616.4	3899.6	4182.7	3899.6	3616.4	3545.6	3063.2	2419.8	2098.2	1920.8
127.5°	3312.3	3372.1	3611.0	3849.9	3611.0	3372.1	3312.3	2898.0	2345.7	2069.5	1915.8
130°	3165.0	3220.2	3440.9	3661.6	3440.9	3220.2	3165.0	2796.2	2304.5	2058.6	1918.9
132.5°	3039.5	3089.0	3286.6	3484.2	3286.6	3089.0	3039.5	2709.4	2269.2	2049.1	1920.8
135°	2862.2	2904.8	3075.1	3245.5	3075.1	2904.8	2862.2	2585.7	2217.1	2032.7	1919.1
137.5°	2731.2	2766.0	2905.5	3045.0	2905.5	2766.0	2731.2	2497.4	2185.8	2030.0	1930.9
140°	2626.1	2658.7	2789.1	2919.5	2789.1	2658.7	2626.1	2424.2	2155.0	2020.4	1932.8
142.5°	2552.5	2580.5	2692.7	2804.9	2692.7	2580.5	2552.5	2375.2	2138.7	2020.4	1939.8
145°	2441.9	2463.2	2548.0	2633.0	2548.0	2463.2	2441.9	2296.9	2103.5	2006.8	1939.8
147.5°	2349.2	2366.8	2437.1	2507.5	2437.1	2366.8	2349.2	2235.1	2082.9	2006.8	1953.2
150°	2296.0	2310.2	2367.3	2424.3	2367.3	2310.2	2296.0	2199.6	2071.1	2006.8	1960.1
152.5°	2253.7	2264.5	2307.6	2350.6	2307.6	2264.5	2253.7	2171.4	2061.7	2006.8	1964.7
155°	2203.2	2210.3	2238.9	2267.3	2238.9	2210.3	2203.2	2137.8	2050.5	2006.8	1974.7
157.5°	2159.6	2164.6	2184.6	2204.6	2184.6	2164.6	2159.6	2108.6	2040.7	2006.8	1984.7
160°	2137.8	2140.7	2152.2	2163.7	2152.2	2140.7	2137.8	2094.1	2035.9	2006.8	1989.3
162.5°	2117.3	2120.0	2130.9	2141.8	2130.9	2120.0	2117.3	2080.5	2031.4	2006.8	1994.1
165°	2085.9	2088.8	2100.3	2111.9	2100.3	2088.8	2085.9	2059.5	2024.4	2006.8	2001.0
167.5°	2072.3	2073.5	2078.3	2083.2	2078.3	2073.5	2072.3	2055.0	2031.9	2020.4	2015.6
170°	2072.3	2072.3	2072.3	2072.3	2072.3	2072.3	2072.3	2055.0	2031.9	2020.4	2020.1
172.5°	2061.4	2060.3	2056.0	2051.8	2056.0	2060.3	2061.4	2047.8	2029.6	2020.4	2020.4
175°	2046.4	2046.4	2046.4	2046.4	2046.4	2046.4	2046.4	2037.7	2026.2	2020.4	2023.2
177.5°	2043.6	2042.4	2037.6	2032.7	2037.6	2042.4	2043.6	2036.8	2027.7	2023.2	2025.3
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2785.2	2785.2	2785.2	2785.2	2785.2
2.5°	2750.9	2764.1	2772.0	2782.5	2808.9
5°	2645.5	2695.6	2711.4	2750.9	2798.4
7.5°	2413.7	2566.5	2608.6	2703.5	2777.3
10°	2189.6	2342.5	2416.3	2640.3	2750.9
12.5°	2076.3	2165.9	2216.0	2529.6	2714.0
15°	2005.2	2068.4	2105.3	2382.0	2671.9
17.5°	1949.8	1994.6	2021.0	2237.0	2613.9
20°	1915.6	1936.7	1960.4	2131.6	2548.0
22.5°	1891.9	1878.7	1897.1	2057.9	2458.5
25°	1876.1	1826.0	1847.1	1999.9	2353.1
27.5°	1889.2	1778.6	1786.5	1947.2	2242.3
30°	1891.9	1720.6	1723.2	1891.9	2118.5
32.5°	1873.4	1660.0	1662.6	1823.4	1978.8
35°	1828.6	1588.8	1586.2	1744.3	1789.1
37.5°	1768.0	1512.4	1512.4	1657.4	1580.9
40°	1694.2	1436.0	1443.9	1544.1	1396.5
42.5°	1604.7	1354.3	1364.9	1393.9	1259.5
45°	1507.2	1275.3	1283.2	1177.8	1154.1
47.5°	1399.1	1193.6	1196.2	977.5	1119.8
50°	1270.0	1109.3	1098.8	837.9	1117.2
52.5°	1156.7	1017.1	985.5	758.9	1014.4
55°	1046.1	919.6	851.1	698.2	940.7
57.5°	948.6	793.1	727.2	627.1	924.9
60°	859.0	669.3	619.2	550.7	848.4
62.5°	785.2	577.0	566.5	498.0	769.4
65°	706.2	513.8	511.2	453.2	653.5
67.5°	629.7	471.6	469.0	411.0	498.0
70°	548.1	426.9	421.6	366.3	368.9
72.5°	463.7	376.8	371.5	329.4	305.6
75°	379.4	318.8	316.2	287.2	247.7
77.5°	297.7	253.0	258.2	231.9	181.8
80°	213.4	184.4	189.7	166.0	137.0
82.5°	142.3	121.2	126.5	105.4	92.2
85°	79.0	68.5	71.1	55.3	42.2
87.5°	36.9	31.6	31.6	21.1	13.2
90°	60.0	38.2	35.5	24.5	13.6
92.5°	370.2	263.3	240.1	147.3	54.5
95°	910.8	512.9	470.5	300.7	131.0
97.5°	1226.9	563.4	526.0	376.2	226.4
100°	1342.0	605.8	571.8	436.0	300.1
102.5°	1394.7	648.0	616.3	489.7	362.9
105°	1433.8	710.8	683.9	576.6	469.3
107.5°	1441.1	803.6	778.5	678.5	578.4
110°	1430.1	855.4	832.8	742.4	652.1

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1430.6	918.1	896.6	810.5	724.4
115°	1443.8	1012.2	992.4	912.9	833.5
117.5°	1470.6	1103.7	1085.7	1013.5	941.4
120°	1492.5	1156.9	1139.9	1072.0	1004.1
122.5°	1523.9	1219.6	1202.5	1134.0	1065.5
125°	1566.2	1300.1	1284.5	1222.1	1159.6
127.5°	1608.4	1377.9	1362.2	1299.1	1236.0
130°	1639.3	1429.7	1412.7	1344.9	1277.0
132.5°	1664.4	1472.0	1455.1	1387.1	1319.2
135°	1691.7	1521.1	1505.7	1443.8	1382.0
137.5°	1732.5	1583.8	1568.6	1507.3	1446.1
140°	1757.6	1626.2	1612.0	1555.6	1499.3
142.5°	1778.5	1657.5	1644.5	1592.4	1540.2
145°	1805.8	1705.3	1694.0	1648.5	1603.0
147.5°	1845.8	1765.3	1754.2	1710.0	1665.7
150°	1866.7	1796.7	1786.7	1746.7	1706.6
152.5°	1880.4	1817.2	1809.7	1779.3	1749.0
155°	1910.4	1862.2	1856.6	1834.2	1811.7
157.5°	1940.4	1907.2	1901.8	1879.9	1858.1
160°	1954.0	1927.7	1923.5	1906.4	1889.5
162.5°	1968.6	1949.5	1946.3	1933.6	1920.8
165°	1989.5	1980.8	1977.9	1966.4	1954.9
167.5°	2005.9	1998.6	1997.3	1991.8	1986.4
170°	2019.5	2019.0	2017.7	2012.3	2006.8
172.5°	2020.4	2020.4	2020.2	2019.0	2017.7
175°	2028.6	2032.7	2032.7	2032.7	2032.7
177.5°	2029.6	2032.7	2032.7	2032.7	2032.7
180°	2032.7	2032.7	2032.7	2032.7	2032.7

TEST NUMBER: P935553

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3000K

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	10.77	11.52	11.85	12.59	14.06	13.62	14.37	14.70	15.44	16.91
	3H	11.24	11.91	12.32	12.99	14.47	14.97	15.63	16.05	16.72	18.20
	4H	11.42	12.06	12.52	13.14	14.63	15.41	16.04	16.50	17.13	18.61
	6H	11.54	12.12	12.64	13.21	14.71	15.69	16.27	16.80	17.36	18.86
	8H	11.54	12.09	12.64	13.19	14.69	15.77	16.32	16.87	17.42	18.92
	12H	11.50	12.03	12.61	13.12	14.64	15.81	16.33	16.92	17.43	18.95
4H	2H	11.79	12.43	12.89	13.51	15.00	14.02	14.65	15.12	15.73	17.22
	3H	12.81	13.34	13.92	14.45	15.95	15.52	16.04	16.62	17.16	18.66
	4H	13.08	13.57	14.19	14.67	16.19	16.05	16.53	17.16	17.63	19.15
	6H	13.20	13.61	14.32	14.74	16.25	16.41	16.82	17.53	17.95	19.46
	8H	13.20	13.59	14.32	14.71	16.24	16.52	16.90	17.64	18.02	19.55
	12H	13.16	13.51	14.30	14.64	16.18	16.57	16.92	17.71	18.05	19.59
8H	4H	13.53	13.92	14.65	15.03	16.56	16.16	16.55	17.28	17.66	19.19
	6H	13.79	14.11	14.93	15.26	16.79	16.60	16.92	17.74	18.07	19.60
	8H	13.83	14.11	14.97	15.25	16.79	16.75	17.03	17.90	18.17	19.72
	12H	13.81	14.05	14.96	15.19	16.77	16.85	17.09	18.00	18.23	19.81
12H	4H	13.53	13.88	14.67	15.01	16.55	16.12	16.47	17.25	17.60	19.13
	6H	13.85	14.13	14.99	15.26	16.81	16.59	16.87	17.74	18.01	19.56
	8H	13.91	14.15	15.06	15.29	16.87	16.75	17.00	17.90	18.13	19.72