

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: P933953

Luminaire Tested: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

**Test Information**

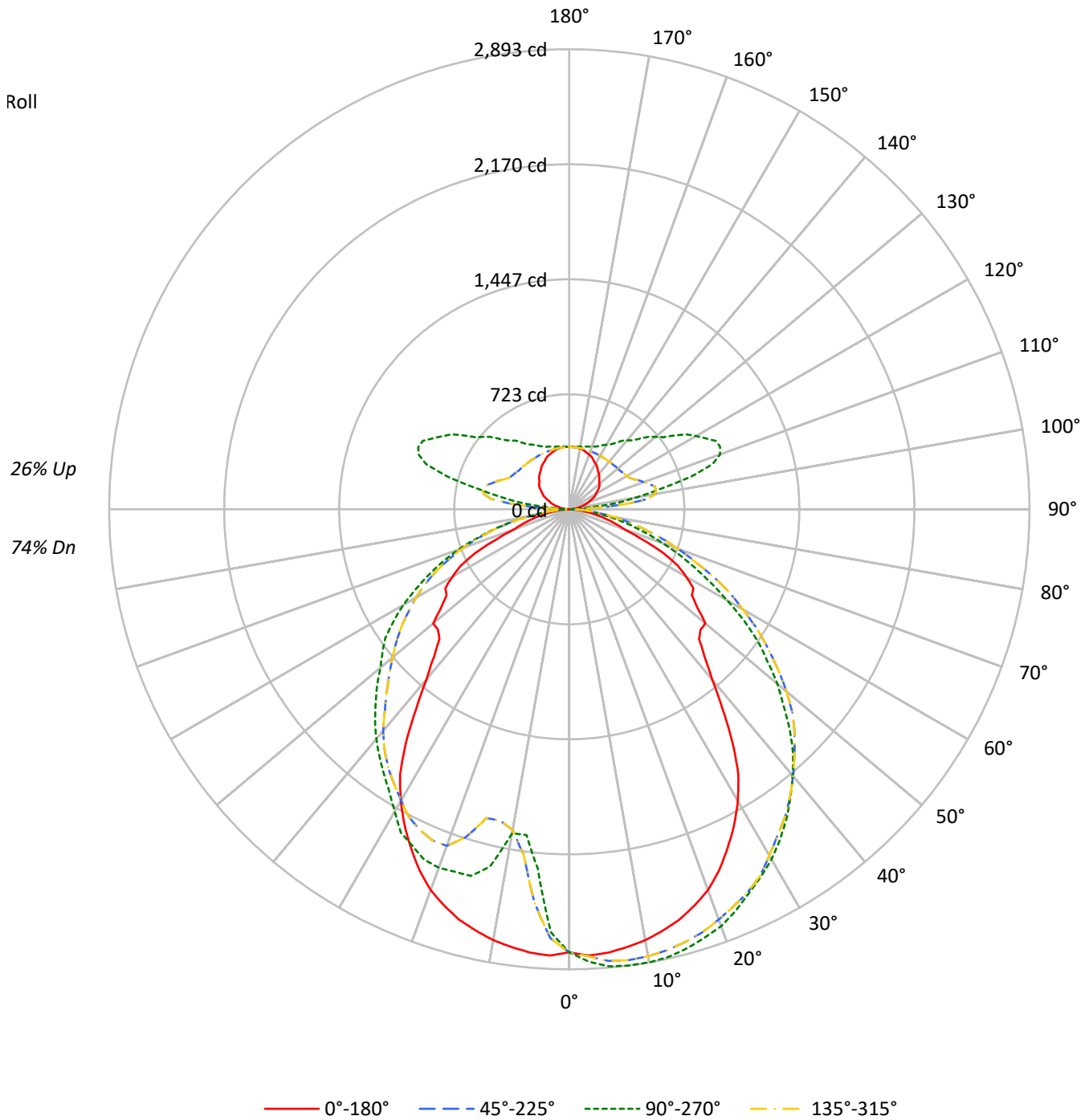
Test Method: LM-79-2019  
Report Number: P933953  
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9771.9 lumens  
Efficiency: N/A  
Efficacy: 108.6 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: Semi-Direct  
  
Input Watts (W): 90  
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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### Luminous Intensity Polar Plot





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

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74				74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	62				62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	52				52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	44				44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	38				38
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	33				33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	29				29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	26				26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	23				23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	21				21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19				19

**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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	251.4	2.6
10°-20°	713.8	7.3
20°-30°	1103.4	11.3
30°-40°	1317.2	13.5
40°-50°	1325.0	13.6
50°-60°	1152.9	11.8
60°-70°	817.4	8.4
70°-80°	432.5	4.4
80°-90°	109.2	1.1
90°-100°	191.7	2.0
100°-110°	503.9	5.2
110°-120°	522.5	5.3
120°-130°	419.1	4.3
130°-140°	328.9	3.4
140°-150°	252.4	2.6
150°-160°	181.8	1.9
160°-170°	111.2	1.1
170°-180°	37.6	0.4
0°-30°	2068.7	21.2
0°-40°	3385.9	34.6
0°-60°	5863.8	60.0
0°-90°	7222.8	73.9
90°-120°	1218.1	12.5
90°-150°	2218.5	22.7
90°-180°	2549.0	26.1
0°-180°	9771.9	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°	3	10	3	10	3	4
95°	25	116	25	116	25	28
105°	91	789	91	789	91	96
115°	161	1016	161	1016	161	159
125°	224	809	224	809	224	199
135°	267	628	267	628	267	207
145°	310	509	310	509	310	194
155°	350	439	350	439	350	161
165°	378	408	378	408	378	107
175°	393	396	393	396	393	37
180°	393	393	393	393	393	



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**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°	2.6	4.7	6.9	7.4	11.6	17.2	20.0	17.8	13.4	10.0	10.0
92.5°	10.5	28.5	46.5	50.9	71.6	99.2	112.9	99.0	71.1	50.2	48.1
95°	25.3	58.1	91.0	99.2	176.2	278.9	330.2	294.6	223.5	170.2	164.2
97.5°	43.8	72.8	101.8	109.0	237.3	408.5	494.0	471.6	426.7	393.0	381.4
100°	58.1	84.3	110.6	117.2	259.6	449.5	544.5	546.1	549.4	551.8	538.1
102.5°	70.2	94.7	119.2	125.3	269.8	462.4	558.7	587.3	644.5	687.4	675.7
105°	90.8	111.5	132.3	137.5	277.4	463.8	557.1	621.2	749.5	845.8	839.5
107.5°	111.9	131.2	150.6	155.5	278.8	443.2	525.4	614.9	793.9	928.2	929.7
110°	126.1	143.6	161.1	165.5	276.7	424.9	499.1	599.1	799.2	949.3	955.9



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	140.2	156.8	173.5	177.6	276.8	408.9	475.1	577.5	782.2	935.8	945.9
115°	161.3	176.6	192.0	195.9	279.3	390.6	446.3	544.9	742.2	890.2	904.1
117.5°	182.1	196.0	210.0	213.5	284.5	379.2	426.5	515.6	693.6	827.1	842.6
120°	194.2	207.4	220.5	223.8	288.7	375.2	418.5	499.8	662.6	784.6	799.7
122.5°	206.1	219.4	232.6	235.9	294.8	373.2	412.5	485.7	632.2	742.1	756.9
125°	224.3	236.4	248.6	251.5	303.0	371.6	405.9	468.0	592.5	685.9	699.6
127.5°	239.1	251.3	263.5	266.6	311.2	370.6	400.3	453.7	560.6	640.7	652.3
130°	247.0	260.2	273.3	276.6	317.2	371.2	398.2	445.8	540.9	612.3	623.0
132.5°	255.2	268.3	281.5	284.7	322.0	371.6	396.4	439.0	524.2	588.0	597.6
135°	267.4	279.3	291.2	294.2	327.3	371.3	393.2	428.9	500.2	553.7	561.9
137.5°	279.7	291.6	303.4	306.4	335.2	373.5	392.7	422.8	483.1	528.3	535.1
140°	290.0	300.9	311.9	314.6	340.0	373.9	390.8	416.8	468.9	508.0	514.3
142.5°	297.9	308.0	318.1	320.7	344.0	375.2	390.8	413.7	459.4	493.8	499.2
145°	310.1	318.9	327.7	329.9	349.3	375.2	388.2	406.9	444.3	472.4	476.5
147.5°	322.2	330.8	339.4	341.5	357.0	377.8	388.2	403.0	432.4	454.4	457.9
150°	330.2	337.9	345.6	347.5	361.1	379.2	388.2	400.7	425.5	444.2	446.9
152.5°	338.3	344.2	350.0	351.5	363.7	380.0	388.2	398.8	420.1	436.0	438.1
155°	350.4	354.7	359.1	360.2	369.5	382.0	388.2	396.6	413.6	426.2	427.6
157.5°	359.4	363.6	367.9	369.0	375.4	383.9	388.2	394.8	407.9	417.7	418.7
160°	365.5	368.8	372.1	372.9	378.0	384.8	388.2	393.8	405.1	413.5	414.0
162.5°	371.6	374.1	376.5	377.1	380.8	385.7	388.2	393.0	402.4	409.6	410.1
165°	378.2	380.4	382.7	383.2	384.9	387.1	388.2	391.6	398.4	403.5	404.0
167.5°	384.3	385.3	386.4	386.6	388.0	389.9	390.8	393.0	397.5	400.9	401.1
170°	388.2	389.3	390.3	390.6	390.7	390.8	390.8	393.0	397.5	400.9	400.9
172.5°	390.3	390.6	390.8	390.8	390.8	390.8	390.8	392.6	396.1	398.7	398.6
175°	393.2	393.2	393.2	393.2	392.4	391.4	390.8	392.0	394.2	395.9	395.9
177.5°	393.2	393.2	393.2	393.2	392.6	391.8	391.4	392.2	394.0	395.3	395.1
180°	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2



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**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°	10.0	10.0	10.0	10.0	10.0	13.4	17.8	20.0	17.2	11.6	7.4
92.5°	40.2	32.2	40.2	48.1	50.2	71.1	99.0	112.9	99.2	71.6	50.9
95°	140.0	115.8	140.0	164.2	170.2	223.5	294.6	330.2	278.9	176.2	99.2
97.5°	335.5	289.5	335.5	381.4	393.0	426.7	471.6	494.0	408.5	237.3	109.0
100°	483.4	428.6	483.4	538.1	551.8	549.4	546.1	544.5	449.5	259.6	117.2
102.5°	628.8	581.9	628.8	675.7	687.4	644.5	587.3	558.7	462.4	269.8	125.3
105°	814.3	789.1	814.3	839.5	845.8	749.5	621.2	557.1	463.8	277.4	137.5
107.5°	935.8	941.9	935.8	929.7	928.2	793.9	614.9	525.4	443.2	278.8	155.5
110°	982.1	1008.4	982.1	955.9	949.3	799.2	599.1	499.1	424.9	276.7	165.5





TEST NUMBER: P933953

CATALOG NUMBER: SQ4-FA-025U-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°	986.2	1026.6	986.2	945.9	935.8	782.2	577.5	475.1	408.9	276.8	177.6
115°	960.1	1016.0	960.1	904.1	890.2	742.2	544.9	446.3	390.6	279.3	195.9
117.5°	904.7	966.7	904.7	842.6	827.1	693.6	515.6	426.5	379.2	284.5	213.5
120°	859.9	920.2	859.9	799.7	784.6	662.6	499.8	418.5	375.2	288.7	223.8
122.5°	816.5	875.9	816.5	756.9	742.1	632.2	485.7	412.5	373.2	294.8	235.9
125°	754.3	809.1	754.3	699.6	685.9	592.5	468.0	405.9	371.6	303.0	251.5
127.5°	698.5	744.7	698.5	652.3	640.7	560.6	453.7	400.3	370.6	311.2	266.6
130°	665.7	708.3	665.7	623.0	612.3	540.9	445.8	398.2	371.2	317.2	276.6
132.5°	635.8	674.0	635.8	597.6	588.0	524.2	439.0	396.4	371.6	322.0	284.7
135°	594.9	627.8	594.9	561.9	553.7	500.2	428.9	393.2	371.3	327.3	294.2
137.5°	562.0	589.1	562.0	535.1	528.3	483.1	422.8	392.7	373.5	335.2	306.4
140°	539.5	564.7	539.5	514.3	508.0	468.9	416.8	390.8	373.9	340.0	314.6
142.5°	520.9	542.6	520.9	499.2	493.8	459.4	413.7	390.8	375.2	344.0	320.7
145°	492.9	509.3	492.9	476.5	472.4	444.3	406.9	388.2	375.2	349.3	329.9
147.5°	471.5	485.1	471.5	457.9	454.4	432.4	403.0	388.2	377.8	357.0	341.5
150°	457.9	468.9	457.9	446.9	444.2	425.5	400.7	388.2	379.2	361.1	347.5
152.5°	446.4	454.7	446.4	438.1	436.0	420.1	398.8	388.2	380.0	363.7	351.5
155°	433.1	438.6	433.1	427.6	426.2	413.6	396.6	388.2	382.0	369.5	360.2
157.5°	422.6	426.5	422.6	418.7	417.7	407.9	394.8	388.2	383.9	375.4	369.0
160°	416.3	418.5	416.3	414.0	413.5	405.1	393.8	388.2	384.8	378.0	372.9
162.5°	412.2	414.3	412.2	410.1	409.6	402.4	393.0	388.2	385.7	380.8	377.1
165°	406.3	408.5	406.3	404.0	403.5	398.4	391.6	388.2	387.1	384.9	383.2
167.5°	402.0	403.0	402.0	401.1	400.9	397.5	393.0	390.8	389.9	388.0	386.6
170°	400.9	400.9	400.9	400.9	400.9	397.5	393.0	390.8	390.8	390.7	390.6
172.5°	397.7	396.9	397.7	398.6	398.7	396.1	392.6	390.8	390.8	390.8	390.8
175°	395.9	395.9	395.9	395.9	395.9	394.2	392.0	390.8	391.4	392.4	393.2
177.5°	394.2	393.2	394.2	395.1	395.3	394.0	392.2	391.4	391.8	392.6	393.2
180°	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2



TEST NUMBER: P933953

CATALOG NUMBER: SQ4-FA-025U-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°	6.9	4.7	2.6	4.7	6.9	7.4	11.6	17.2	20.0	17.8	13.4
92.5°	46.5	28.5	10.5	28.5	46.5	50.9	71.6	99.2	112.9	99.0	71.1
95°	91.0	58.1	25.3	58.1	91.0	99.2	176.2	278.9	330.2	294.6	223.5
97.5°	101.8	72.8	43.8	72.8	101.8	109.0	237.3	408.5	494.0	471.6	426.7
100°	110.6	84.3	58.1	84.3	110.6	117.2	259.6	449.5	544.5	546.1	549.4
102.5°	119.2	94.7	70.2	94.7	119.2	125.3	269.8	462.4	558.7	587.3	644.5
105°	132.3	111.5	90.8	111.5	132.3	137.5	277.4	463.8	557.1	621.2	749.5
107.5°	150.6	131.2	111.9	131.2	150.6	155.5	278.8	443.2	525.4	614.9	793.9
110°	161.1	143.6	126.1	143.6	161.1	165.5	276.7	424.9	499.1	599.1	799.2



TEST NUMBER: P933953

CATALOG NUMBER: SQ4-FA-025U-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°	173.5	156.8	140.2	156.8	173.5	177.6	276.8	408.9	475.1	577.5	782.2
115°	192.0	176.6	161.3	176.6	192.0	195.9	279.3	390.6	446.3	544.9	742.2
117.5°	210.0	196.0	182.1	196.0	210.0	213.5	284.5	379.2	426.5	515.6	693.6
120°	220.5	207.4	194.2	207.4	220.5	223.8	288.7	375.2	418.5	499.8	662.6
122.5°	232.6	219.4	206.1	219.4	232.6	235.9	294.8	373.2	412.5	485.7	632.2
125°	248.6	236.4	224.3	236.4	248.6	251.5	303.0	371.6	405.9	468.0	592.5
127.5°	263.5	251.3	239.1	251.3	263.5	266.6	311.2	370.6	400.3	453.7	560.6
130°	273.3	260.2	247.0	260.2	273.3	276.6	317.2	371.2	398.2	445.8	540.9
132.5°	281.5	268.3	255.2	268.3	281.5	284.7	322.0	371.6	396.4	439.0	524.2
135°	291.2	279.3	267.4	279.3	291.2	294.2	327.3	371.3	393.2	428.9	500.2
137.5°	303.4	291.6	279.7	291.6	303.4	306.4	335.2	373.5	392.7	422.8	483.1
140°	311.9	300.9	290.0	300.9	311.9	314.6	340.0	373.9	390.8	416.8	468.9
142.5°	318.1	308.0	297.9	308.0	318.1	320.7	344.0	375.2	390.8	413.7	459.4
145°	327.7	318.9	310.1	318.9	327.7	329.9	349.3	375.2	388.2	406.9	444.3
147.5°	339.4	330.8	322.2	330.8	339.4	341.5	357.0	377.8	388.2	403.0	432.4
150°	345.6	337.9	330.2	337.9	345.6	347.5	361.1	379.2	388.2	400.7	425.5
152.5°	350.0	344.2	338.3	344.2	350.0	351.5	363.7	380.0	388.2	398.8	420.1
155°	359.1	354.7	350.4	354.7	359.1	360.2	369.5	382.0	388.2	396.6	413.6
157.5°	367.9	363.6	359.4	363.6	367.9	369.0	375.4	383.9	388.2	394.8	407.9
160°	372.1	368.8	365.5	368.8	372.1	372.9	378.0	384.8	388.2	393.8	405.1
162.5°	376.5	374.1	371.6	374.1	376.5	377.1	380.8	385.7	388.2	393.0	402.4
165°	382.7	380.4	378.2	380.4	382.7	383.2	384.9	387.1	388.2	391.6	398.4
167.5°	386.4	385.3	384.3	385.3	386.4	386.6	388.0	389.9	390.8	393.0	397.5
170°	390.3	389.3	388.2	389.3	390.3	390.6	390.7	390.8	390.8	393.0	397.5
172.5°	390.8	390.6	390.3	390.6	390.8	390.8	390.8	390.8	390.8	392.6	396.1
175°	393.2	393.2	393.2	393.2	393.2	393.2	392.4	391.4	390.8	392.0	394.2
177.5°	393.2	393.2	393.2	393.2	393.2	393.2	392.6	391.8	391.4	392.2	394.0
180°	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2



TEST NUMBER: P933953  
 CATALOG NUMBER: SQ4-FA-025U-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°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	13.4	17.8	20.0	17.2
92.5°	50.2	48.1	40.2	32.2	40.2	48.1	50.2	71.1	99.0	112.9	99.2
95°	170.2	164.2	140.0	115.8	140.0	164.2	170.2	223.5	294.6	330.2	278.9
97.5°	393.0	381.4	335.5	289.5	335.5	381.4	393.0	426.7	471.6	494.0	408.5
100°	551.8	538.1	483.4	428.6	483.4	538.1	551.8	549.4	546.1	544.5	449.5
102.5°	687.4	675.7	628.8	581.9	628.8	675.7	687.4	644.5	587.3	558.7	462.4
105°	845.8	839.5	814.3	789.1	814.3	839.5	845.8	749.5	621.2	557.1	463.8
107.5°	928.2	929.7	935.8	941.9	935.8	929.7	928.2	793.9	614.9	525.4	443.2
110°	949.3	955.9	982.1	1008.4	982.1	955.9	949.3	799.2	599.1	499.1	424.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	935.8	945.9	986.2	1026.6	986.2	945.9	935.8	782.2	577.5	475.1	408.9
115°	890.2	904.1	960.1	1016.0	960.1	904.1	890.2	742.2	544.9	446.3	390.6
117.5°	827.1	842.6	904.7	966.7	904.7	842.6	827.1	693.6	515.6	426.5	379.2
120°	784.6	799.7	859.9	920.2	859.9	799.7	784.6	662.6	499.8	418.5	375.2
122.5°	742.1	756.9	816.5	875.9	816.5	756.9	742.1	632.2	485.7	412.5	373.2
125°	685.9	699.6	754.3	809.1	754.3	699.6	685.9	592.5	468.0	405.9	371.6
127.5°	640.7	652.3	698.5	744.7	698.5	652.3	640.7	560.6	453.7	400.3	370.6
130°	612.3	623.0	665.7	708.3	665.7	623.0	612.3	540.9	445.8	398.2	371.2
132.5°	588.0	597.6	635.8	674.0	635.8	597.6	588.0	524.2	439.0	396.4	371.6
135°	553.7	561.9	594.9	627.8	594.9	561.9	553.7	500.2	428.9	393.2	371.3
137.5°	528.3	535.1	562.0	589.1	562.0	535.1	528.3	483.1	422.8	392.7	373.5
140°	508.0	514.3	539.5	564.7	539.5	514.3	508.0	468.9	416.8	390.8	373.9
142.5°	493.8	499.2	520.9	542.6	520.9	499.2	493.8	459.4	413.7	390.8	375.2
145°	472.4	476.5	492.9	509.3	492.9	476.5	472.4	444.3	406.9	388.2	375.2
147.5°	454.4	457.9	471.5	485.1	471.5	457.9	454.4	432.4	403.0	388.2	377.8
150°	444.2	446.9	457.9	468.9	457.9	446.9	444.2	425.5	400.7	388.2	379.2
152.5°	436.0	438.1	446.4	454.7	446.4	438.1	436.0	420.1	398.8	388.2	380.0
155°	426.2	427.6	433.1	438.6	433.1	427.6	426.2	413.6	396.6	388.2	382.0
157.5°	417.7	418.7	422.6	426.5	422.6	418.7	417.7	407.9	394.8	388.2	383.9
160°	413.5	414.0	416.3	418.5	416.3	414.0	413.5	405.1	393.8	388.2	384.8
162.5°	409.6	410.1	412.2	414.3	412.2	410.1	409.6	402.4	393.0	388.2	385.7
165°	403.5	404.0	406.3	408.5	406.3	404.0	403.5	398.4	391.6	388.2	387.1
167.5°	400.9	401.1	402.0	403.0	402.0	401.1	400.9	397.5	393.0	390.8	389.9
170°	400.9	400.9	400.9	400.9	400.9	400.9	400.9	397.5	393.0	390.8	390.8
172.5°	398.7	398.6	397.7	396.9	397.7	398.6	398.7	396.1	392.6	390.8	390.8
175°	395.9	395.9	395.9	395.9	395.9	395.9	395.9	394.2	392.0	390.8	391.4
177.5°	395.3	395.1	394.2	393.2	394.2	395.1	395.3	394.0	392.2	391.4	391.8
180°	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2



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**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°	11.6	7.4	6.9	4.7	2.6
92.5°	71.6	50.9	46.5	28.5	10.5
95°	176.2	99.2	91.0	58.1	25.3
97.5°	237.3	109.0	101.8	72.8	43.8
100°	259.6	117.2	110.6	84.3	58.1
102.5°	269.8	125.3	119.2	94.7	70.2
105°	277.4	137.5	132.3	111.5	90.8
107.5°	278.8	155.5	150.6	131.2	111.9
110°	276.7	165.5	161.1	143.6	126.1



TEST NUMBER: P933953

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	276.8	177.6	173.5	156.8	140.2
115°	279.3	195.9	192.0	176.6	161.3
117.5°	284.5	213.5	210.0	196.0	182.1
120°	288.7	223.8	220.5	207.4	194.2
122.5°	294.8	235.9	232.6	219.4	206.1
125°	303.0	251.5	248.6	236.4	224.3
127.5°	311.2	266.6	263.5	251.3	239.1
130°	317.2	276.6	273.3	260.2	247.0
132.5°	322.0	284.7	281.5	268.3	255.2
135°	327.3	294.2	291.2	279.3	267.4
137.5°	335.2	306.4	303.4	291.6	279.7
140°	340.0	314.6	311.9	300.9	290.0
142.5°	344.0	320.7	318.1	308.0	297.9
145°	349.3	329.9	327.7	318.9	310.1
147.5°	357.0	341.5	339.4	330.8	322.2
150°	361.1	347.5	345.6	337.9	330.2
152.5°	363.7	351.5	350.0	344.2	338.3
155°	369.5	360.2	359.1	354.7	350.4
157.5°	375.4	369.0	367.9	363.6	359.4
160°	378.0	372.9	372.1	368.8	365.5
162.5°	380.8	377.1	376.5	374.1	371.6
165°	384.9	383.2	382.7	380.4	378.2
167.5°	388.0	386.6	386.4	385.3	384.3
170°	390.7	390.6	390.3	389.3	388.2
172.5°	390.8	390.8	390.8	390.6	390.3
175°	392.4	393.2	393.2	393.2	393.2
177.5°	392.6	393.2	393.2	393.2	393.2
180°	393.2	393.2	393.2	393.2	393.2



TEST NUMBER: P933953  
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**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	14.26	15.39	14.98	16.13	17.01	17.11	18.24	17.83	18.98	19.86
	3H	14.76	15.77	15.49	16.52	17.43	18.48	19.49	19.22	20.25	21.16
	4H	14.96	15.91	15.71	16.67	17.60	18.94	19.90	19.70	20.66	21.59
	6H	15.09	15.97	15.86	16.74	17.68	19.25	20.13	20.01	20.90	21.84
	8H	15.10	15.94	15.88	16.73	17.67	19.33	20.17	20.11	20.96	21.90
	12H	15.08	15.88	15.86	16.66	17.63	19.38	20.18	20.16	20.97	21.94
4H	2H	15.33	16.28	16.08	17.04	17.97	17.55	18.50	18.31	19.27	20.19
	3H	16.38	17.18	17.15	17.97	18.92	19.09	19.88	19.86	20.68	21.62
	4H	16.67	17.39	17.45	18.19	19.16	19.63	20.35	20.41	21.15	22.12
	6H	16.81	17.43	17.61	18.25	19.23	20.02	20.64	20.82	21.46	22.44
	8H	16.82	17.40	17.62	18.22	19.21	20.13	20.72	20.94	21.53	22.53
	12H	16.80	17.32	17.62	18.16	19.16	20.21	20.73	21.03	21.57	22.57
8H	4H	17.15	17.73	17.95	18.55	19.54	19.78	20.36	20.58	21.18	22.17
	6H	17.42	17.90	18.25	18.76	19.75	20.23	20.71	21.06	21.57	22.56
	8H	17.46	17.89	18.31	18.75	19.76	20.39	20.82	21.23	21.67	22.68
	12H	17.46	17.84	18.31	18.69	19.75	20.50	20.88	21.35	21.73	22.79
12H	4H	17.16	17.69	17.99	18.53	19.53	19.75	20.28	20.58	21.12	22.11
	6H	17.48	17.91	18.33	18.77	19.78	20.23	20.66	21.07	21.51	22.52
	8H	17.56	17.94	18.41	18.79	19.85	20.40	20.78	21.25	21.63	22.70