

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: P933928

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933928
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-92765-1D-UNV-STD-W-12-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

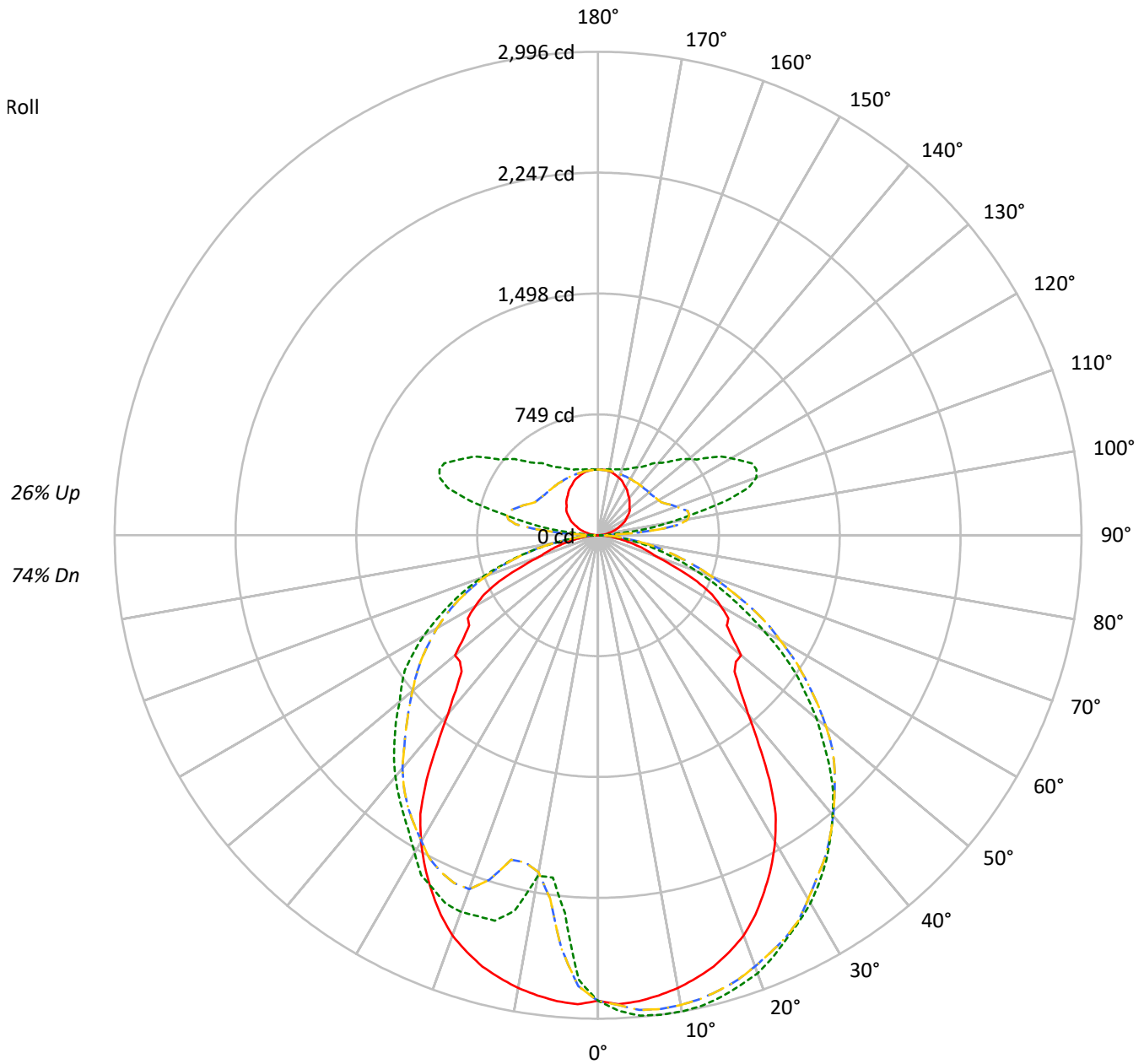
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10120.5 lumens
Efficiency: N/A
Efficacy: 112.5 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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8922	8922	8922	8922
5°	8992	9006	8992	7082
10°	8935	8872	8935	6343
15°	8841	8680	8841	7248
20°	8660	8452	8660	7263
25°	8285	8120	8285	7109
30°	7799	7844	7799	6771
35°	6956	7495	6956	6399
40°	5799	7085	5799	6119
45°	5185	6604	5185	5796
50°	5513	6031	5513	5472
55°	5192	5413	5192	5285
60°	5358	4598	5358	4840
65°	4866	3801	4866	4248
70°	3377	3029	3377	3561
75°	2973	2239	2973	2681
80°	2414	1480	2414	1612
85°	1416	784	1416	666

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7942 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.4	2.6
10°-20°	739.3	7.3
20°-30°	1142.8	11.3
30°-40°	1364.2	13.5
40°-50°	1372.2	13.6
50°-60°	1194.0	11.8
60°-70°	846.6	8.4
70°-80°	447.9	4.4
80°-90°	113.1	1.1
90°-100°	198.5	2.0
100°-110°	521.9	5.2
110°-120°	541.2	5.3
120°-130°	434.1	4.3
130°-140°	340.6	3.4
140°-150°	261.4	2.6
150°-160°	188.3	1.9
160°-170°	115.2	1.1
170°-180°	38.9	0.4
0°-30°	2142.5	21.2
0°-40°	3506.7	34.6
0°-60°	6073.0	60.0
0°-90°	7480.5	73.9
90°-120°	1261.6	12.5
90°-150°	2297.6	22.7
90°-180°	2640.0	26.1
0°-180°	10120.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2884	2884	2884	2884	2884	
5°	2898	2988	2898	2350	2898	275
15°	2767	2961	2767	2472	2767	779
25°	2437	2762	2437	2418	2437	1119
35°	1853	2464	1853	2104	1853	1146
45°	1195	2030	1195	1782	1195	957
55°	974	1498	974	1463	974	895
65°	677	903	677	1010	677	647
75°	256	428	256	513	256	270
85°	44	109	44	93	44	59
90°	3	10	3	10	3	4
95°	26	120	26	120	26	29
105°	94	817	94	817	94	100
115°	167	1052	167	1052	167	165
125°	232	838	232	838	232	206
135°	277	650	277	650	277	214
145°	321	528	321	528	321	201
155°	363	454	363	454	363	167
165°	392	423	392	423	392	111
175°	407	410	407	410	407	39
180°	407	407	407	407	407	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5
2.5°	2909.1	2909.1	2925.5	2930.9	2930.9	2922.8	2914.6	2922.8	2947.3	2955.5	2952.8
5°	2898.2	2920.0	2950.0	2955.5	2961.0	2958.2	2952.8	2958.2	2985.5	2991.0	2993.7
7.5°	2876.4	2917.3	2955.5	2963.7	2971.9	2963.7	2961.0	2966.4	2993.7	2999.2	2999.2
10°	2849.1	2906.4	2950.0	2955.5	2963.7	2955.5	2955.5	2966.4	2993.7	2999.2	3001.9
12.5°	2810.9	2890.0	2930.9	2936.4	2947.3	2944.6	2941.9	2952.8	2980.1	2985.5	2985.5
15°	2767.2	2860.0	2898.2	2903.7	2922.8	2917.3	2917.3	2928.2	2958.2	2966.4	2963.7
17.5°	2707.2	2821.8	2865.4	2873.6	2887.3	2884.5	2887.3	2898.2	2925.5	2930.9	2933.7
20°	2638.9	2769.9	2821.8	2830.0	2843.6	2843.6	2843.6	2857.3	2884.5	2895.5	2895.5
22.5°	2546.2	2715.4	2769.9	2775.4	2791.8	2791.8	2797.2	2816.3	2840.9	2843.6	2843.6
25°	2437.0	2655.3	2701.7	2718.1	2734.5	2742.6	2750.8	2761.7	2769.9	2767.2	2769.9
27.5°	2322.3	2578.9	2638.9	2649.9	2671.7	2679.9	2690.8	2693.5	2696.3	2704.4	2699.0
30°	2194.0	2472.5	2562.5	2573.5	2608.9	2614.4	2603.5	2608.9	2622.6	2628.0	2633.5
32.5°	2049.4	2314.1	2483.4	2508.0	2540.7	2524.3	2521.6	2529.8	2551.6	2551.6	2557.1
35°	1852.9	2191.3	2409.7	2431.6	2456.1	2437.0	2447.9	2450.7	2464.3	2472.5	2469.8
37.5°	1637.3	2084.9	2333.2	2349.6	2368.7	2344.1	2360.5	2368.7	2379.6	2374.2	2374.2
40°	1446.3	1918.4	2243.2	2254.1	2270.5	2251.4	2267.7	2273.2	2278.6	2273.2	2270.5
42.5°	1304.4	1735.6	2147.7	2161.3	2150.4	2164.0	2169.5	2180.4	2172.2	2161.3	2161.3
45°	1195.3	1686.5	2044.0	2060.3	2044.0	2065.8	2074.0	2074.0	2049.4	2044.0	2041.2
47.5°	1159.8	1588.2	1940.3	1940.3	1932.1	1959.4	1973.0	1953.9	1929.3	1921.2	1921.2
50°	1157.1	1479.1	1798.4	1787.4	1825.6	1858.4	1844.7	1825.6	1806.5	1776.5	1776.5
52.5°	1050.6	1345.4	1615.5	1656.4	1716.5	1735.6	1713.8	1694.7	1661.9	1648.3	1637.3
55°	974.2	1206.2	1449.1	1530.9	1593.7	1618.2	1577.3	1558.2	1509.1	1500.9	1495.4
57.5°	957.8	1004.2	1296.2	1399.9	1476.3	1473.6	1449.1	1413.6	1372.6	1364.5	1361.7
60°	878.7	725.9	1132.5	1255.3	1334.4	1326.3	1304.4	1271.7	1233.5	1228.0	1222.6
62.5°	796.8	526.7	946.9	1086.1	1198.0	1195.3	1176.2	1127.0	1099.8	1086.1	1075.2
65°	676.8	442.1	674.0	903.3	1064.3	1069.7	1028.8	993.3	963.3	946.9	944.2
67.5°	515.8	360.2	455.7	753.2	936.0	930.6	878.7	862.3	824.1	815.9	799.6
70°	382.0	240.1	316.6	611.3	810.5	796.8	755.9	736.8	701.3	682.2	671.3
72.5°	316.6	193.8	232.0	474.8	682.2	665.9	630.4	608.5	578.5	562.2	551.2
75°	256.5	204.7	177.4	352.0	554.0	543.1	510.3	488.5	463.9	442.1	444.8
77.5°	188.3	191.0	141.9	259.2	439.4	423.0	403.9	376.6	365.7	343.8	343.8
80°	141.9	150.1	106.4	177.4	316.6	316.6	300.2	281.1	262.0	251.1	251.1
82.5°	95.5	95.5	79.1	111.9	215.6	207.4	196.5	191.0	180.1	174.7	174.7
85°	43.7	54.6	49.1	68.2	117.3	122.8	122.8	117.3	114.6	109.2	111.9
87.5°	13.6	24.6	30.0	38.2	60.0	62.8	65.5	65.5	65.5	68.2	68.2
90°	2.7	4.9	7.1	7.6	12.0	17.8	20.7	18.5	13.8	10.4	10.4
92.5°	10.9	29.5	48.1	52.8	74.1	102.7	117.0	102.5	73.6	51.9	49.8
95°	26.2	60.2	94.2	102.8	182.5	288.8	341.9	305.1	231.5	176.3	170.0
97.5°	45.4	75.4	105.4	112.9	245.8	423.1	511.7	488.4	441.9	407.0	395.1
100°	60.1	87.3	114.5	121.3	268.9	465.6	563.9	565.6	569.0	571.5	557.3
102.5°	72.7	98.1	123.4	129.8	279.4	478.9	578.6	608.3	667.5	712.0	699.8
105°	94.1	115.5	137.0	142.4	287.3	480.4	577.0	643.4	776.3	876.0	869.4
107.5°	115.9	135.9	156.0	161.0	288.7	459.0	544.1	636.8	822.2	961.3	962.9
110°	130.6	148.7	166.8	171.4	286.5	440.1	516.9	620.5	827.7	983.1	990.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	145.2	162.4	179.7	183.9	286.6	423.5	492.0	598.1	810.1	969.2	979.7
115°	167.0	182.9	198.8	202.8	289.3	404.5	462.2	564.3	768.6	921.9	936.4
117.5°	188.6	203.0	217.5	221.1	294.6	392.7	441.7	534.0	718.3	856.6	872.7
120°	201.1	214.8	228.4	231.8	299.0	388.6	433.4	517.7	686.2	812.6	828.2
122.5°	213.5	227.2	240.9	244.3	305.3	386.5	427.2	503.0	654.8	768.6	783.9
125°	232.3	244.9	257.4	260.5	313.8	384.9	420.3	484.7	613.6	710.3	724.5
127.5°	247.6	260.2	272.9	276.1	322.3	383.9	414.6	469.9	580.6	663.6	675.6
130°	255.8	269.4	283.1	286.4	328.5	384.4	412.4	461.7	560.2	634.1	645.2
132.5°	264.3	277.9	291.5	294.9	333.5	384.9	410.5	454.6	542.9	609.0	618.9
135°	276.9	289.3	301.6	304.7	338.9	384.5	407.2	444.2	518.0	573.4	582.0
137.5°	289.7	302.0	314.2	317.3	347.1	386.9	406.7	437.9	500.3	547.1	554.2
140°	300.4	311.6	323.0	325.8	352.1	387.2	404.8	431.7	485.7	526.1	532.7
142.5°	308.5	319.0	329.5	332.1	356.3	388.6	404.8	428.4	475.8	511.4	517.0
145°	321.2	330.3	339.4	341.7	361.8	388.6	402.1	421.4	460.2	489.2	493.5
147.5°	333.7	342.6	351.5	353.7	369.8	391.3	402.1	417.3	447.8	470.6	474.2
150°	341.9	349.9	357.9	359.9	374.0	392.7	402.1	415.0	440.7	460.0	462.8
152.5°	350.4	356.5	362.5	364.0	376.7	393.6	402.1	413.1	435.1	451.5	453.7
155°	362.9	367.4	372.0	373.0	382.7	395.6	402.1	410.8	428.3	441.4	442.9
157.5°	372.2	376.6	381.0	382.1	388.8	397.6	402.1	408.9	422.4	432.6	433.6
160°	378.6	382.0	385.4	386.2	391.5	398.5	402.1	407.9	419.5	428.3	428.8
162.5°	384.9	387.4	390.0	390.6	394.4	399.5	402.1	407.0	416.8	424.2	424.7
165°	391.7	394.0	396.3	396.9	398.6	400.9	402.1	405.6	412.6	417.9	418.4
167.5°	398.0	399.1	400.1	400.4	401.9	403.8	404.8	407.1	411.7	415.2	415.4
170°	402.1	403.2	404.2	404.5	404.6	404.7	404.8	407.1	411.7	415.2	415.2
172.5°	404.2	404.5	404.7	404.8	404.8	404.8	404.8	406.6	410.2	413.0	412.8
175°	407.2	407.2	407.2	407.2	406.4	405.3	404.8	406.0	408.2	410.0	410.0
177.5°	407.2	407.2	407.2	407.2	406.6	405.8	405.3	406.2	408.1	409.4	409.2
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5
2.5°	2958.2	2950.0	2958.2	2952.8	2955.5	2947.3	2922.8	2914.6	2922.8	2930.9	2930.9
5°	2993.7	2988.2	2993.7	2993.7	2991.0	2985.5	2958.2	2952.8	2958.2	2961.0	2955.5
7.5°	3004.6	2996.4	3004.6	2999.2	2999.2	2993.7	2966.4	2961.0	2963.7	2971.9	2963.7
10°	3004.6	2996.4	3004.6	3001.9	2999.2	2993.7	2966.4	2955.5	2955.5	2963.7	2955.5
12.5°	2991.0	2985.5	2991.0	2985.5	2985.5	2980.1	2952.8	2941.9	2944.6	2947.3	2936.4
15°	2969.1	2961.0	2969.1	2963.7	2966.4	2958.2	2928.2	2917.3	2917.3	2922.8	2903.7
17.5°	2936.4	2925.5	2936.4	2933.7	2930.9	2925.5	2898.2	2887.3	2884.5	2887.3	2873.6
20°	2898.2	2890.0	2898.2	2895.5	2895.5	2884.5	2857.3	2843.6	2843.6	2843.6	2830.0
22.5°	2838.2	2830.0	2838.2	2843.6	2843.6	2840.9	2816.3	2797.2	2791.8	2791.8	2775.4
25°	2769.9	2761.7	2769.9	2769.9	2767.2	2769.9	2761.7	2750.8	2742.6	2734.5	2718.1
27.5°	2704.4	2699.0	2704.4	2699.0	2704.4	2696.3	2693.5	2690.8	2679.9	2671.7	2649.9
30°	2638.9	2633.5	2638.9	2633.5	2628.0	2622.6	2608.9	2603.5	2614.4	2608.9	2573.5
32.5°	2557.1	2551.6	2557.1	2557.1	2551.6	2551.6	2529.8	2521.6	2524.3	2540.7	2508.0
35°	2472.5	2464.3	2472.5	2469.8	2472.5	2464.3	2450.7	2447.9	2437.0	2456.1	2431.6
37.5°	2374.2	2366.0	2374.2	2374.2	2374.2	2379.6	2368.7	2360.5	2344.1	2368.7	2349.6
40°	2273.2	2262.3	2273.2	2270.5	2273.2	2278.6	2273.2	2267.7	2251.4	2270.5	2254.1
42.5°	2158.6	2155.8	2158.6	2161.3	2161.3	2172.2	2180.4	2169.5	2164.0	2150.4	2161.3
45°	2035.8	2030.3	2035.8	2041.2	2044.0	2049.4	2074.0	2074.0	2065.8	2044.0	2060.3
47.5°	1904.8	1891.1	1904.8	1921.2	1921.2	1929.3	1953.9	1973.0	1959.4	1932.1	1940.3
50°	1765.6	1768.3	1765.6	1776.5	1776.5	1806.5	1825.6	1844.7	1858.4	1825.6	1787.4
52.5°	1629.2	1626.4	1629.2	1637.3	1648.3	1661.9	1694.7	1713.8	1735.6	1716.5	1656.4
55°	1492.7	1498.2	1492.7	1495.4	1500.9	1509.1	1558.2	1577.3	1618.2	1593.7	1530.9
57.5°	1356.3	1348.1	1356.3	1361.7	1364.5	1372.6	1413.6	1449.1	1473.6	1476.3	1399.9
60°	1198.0	1187.1	1198.0	1222.6	1228.0	1233.5	1271.7	1304.4	1326.3	1334.4	1255.3
62.5°	1058.8	1039.7	1058.8	1075.2	1086.1	1099.8	1127.0	1176.2	1195.3	1198.0	1086.1
65°	911.5	903.3	911.5	944.2	946.9	963.3	993.3	1028.8	1069.7	1064.3	903.3
67.5°	777.7	777.7	777.7	799.6	815.9	824.1	862.3	878.7	930.6	936.0	753.2
70°	654.9	652.2	654.9	671.3	682.2	701.3	736.8	755.9	796.8	810.5	611.3
72.5°	537.6	534.9	537.6	551.2	562.2	578.5	608.5	630.4	665.9	682.2	474.8
75°	433.9	428.4	433.9	444.8	442.1	463.9	488.5	510.3	543.1	554.0	352.0
77.5°	332.9	332.9	332.9	343.8	343.8	365.7	376.6	403.9	423.0	439.4	259.2
80°	248.3	245.6	248.3	251.1	251.1	262.0	281.1	300.2	316.6	316.6	177.4
82.5°	174.7	169.2	174.7	174.7	174.7	180.1	191.0	196.5	207.4	215.6	111.9
85°	109.2	109.2	109.2	111.9	109.2	114.6	117.3	122.8	122.8	117.3	68.2
87.5°	71.0	68.2	71.0	68.2	68.2	65.5	65.5	65.5	62.8	60.0	38.2
90°	10.4	10.4	10.4	10.4	10.4	13.8	18.5	20.7	17.8	12.0	7.6
92.5°	41.7	33.4	41.7	49.8	51.9	73.6	102.5	117.0	102.7	74.1	52.8
95°	145.0	120.0	145.0	170.0	176.3	231.5	305.1	341.9	288.8	182.5	102.8
97.5°	347.5	299.8	347.5	395.1	407.0	441.9	488.4	511.7	423.1	245.8	112.9
100°	500.7	443.9	500.7	557.3	571.5	569.0	565.6	563.9	465.6	268.9	121.3
102.5°	651.2	602.6	651.2	699.8	712.0	667.5	608.3	578.6	478.9	279.4	129.8
105°	843.3	817.2	843.3	869.4	876.0	776.3	643.4	577.0	480.4	287.3	142.4
107.5°	969.2	975.5	969.2	962.9	961.3	822.2	636.8	544.1	459.0	288.7	161.0
110°	1017.2	1044.4	1017.2	990.0	983.1	827.7	620.5	516.9	440.1	286.5	171.4



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-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°	1021.4	1063.2	1021.4	979.7	969.2	810.1	598.1	492.0	423.5	286.6	183.9
115°	994.3	1052.3	994.3	936.4	921.9	768.6	564.3	462.2	404.5	289.3	202.8
117.5°	936.9	1001.1	936.9	872.7	856.6	718.3	534.0	441.7	392.7	294.6	221.1
120°	890.6	953.0	890.6	828.2	812.6	686.2	517.7	433.4	388.6	299.0	231.8
122.5°	845.6	907.2	845.6	783.9	768.6	654.8	503.0	427.2	386.5	305.3	244.3
125°	781.2	838.0	781.2	724.5	710.3	613.6	484.7	420.3	384.9	313.8	260.5
127.5°	723.4	771.3	723.4	675.6	663.6	580.6	469.9	414.6	383.9	322.3	276.1
130°	689.4	733.6	689.4	645.2	634.1	560.2	461.7	412.4	384.4	328.5	286.4
132.5°	658.5	698.1	658.5	618.9	609.0	542.9	454.6	410.5	384.9	333.5	294.9
135°	616.1	650.2	616.1	582.0	573.4	518.0	444.2	407.2	384.5	338.9	304.7
137.5°	582.1	610.1	582.1	554.2	547.1	500.3	437.9	406.7	386.9	347.1	317.3
140°	558.8	584.9	558.8	532.7	526.1	485.7	431.7	404.8	387.2	352.1	325.8
142.5°	539.5	562.0	539.5	517.0	511.4	475.8	428.4	404.8	388.6	356.3	332.1
145°	510.5	527.5	510.5	493.5	489.2	460.2	421.4	402.1	388.6	361.8	341.7
147.5°	488.3	502.4	488.3	474.2	470.6	447.8	417.3	402.1	391.3	369.8	353.7
150°	474.3	485.7	474.3	462.8	460.0	440.7	415.0	402.1	392.7	374.0	359.9
152.5°	462.3	470.9	462.3	453.7	451.5	435.1	413.1	402.1	393.6	376.7	364.0
155°	448.5	454.3	448.5	442.9	441.4	428.3	410.8	402.1	395.6	382.7	373.0
157.5°	437.7	441.7	437.7	433.6	432.6	422.4	408.9	402.1	397.6	388.8	382.1
160°	431.2	433.4	431.2	428.8	428.3	419.5	407.9	402.1	398.5	391.5	386.2
162.5°	426.9	429.1	426.9	424.7	424.2	416.8	407.0	402.1	399.5	394.4	390.6
165°	420.8	423.1	420.8	418.4	417.9	412.6	405.6	402.1	400.9	398.6	396.9
167.5°	416.3	417.3	416.3	415.4	415.2	411.7	407.1	404.8	403.8	401.9	400.4
170°	415.2	415.2	415.2	415.2	415.2	411.7	407.1	404.8	404.7	404.6	404.5
172.5°	411.9	411.1	411.9	412.8	413.0	410.2	406.6	404.8	404.8	404.8	404.8
175°	410.0	410.0	410.0	410.0	410.0	408.2	406.0	404.8	405.3	406.4	407.2
177.5°	408.2	407.2	408.2	409.2	409.4	408.1	406.2	405.3	405.8	406.6	407.2
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5
2.5°	2925.5	2909.1	2909.1	2881.8	2870.9	2862.7	2849.1	2808.1	2797.2	2786.3	2802.7
5°	2950.0	2920.0	2898.2	2849.1	2808.1	2791.8	2739.9	2641.7	2576.2	2527.1	2499.8
7.5°	2955.5	2917.3	2876.4	2800.0	2701.7	2658.1	2499.8	2319.6	2270.5	2226.8	2199.5
10°	2950.0	2906.4	2849.1	2734.5	2502.5	2426.1	2267.7	2150.4	2120.4	2112.2	2120.4
12.5°	2930.9	2890.0	2810.9	2619.8	2295.0	2243.2	2150.4	2082.2	2076.7	2090.3	2164.0
15°	2898.2	2860.0	2767.2	2467.0	2180.4	2142.2	2076.7	2052.1	2082.2	2177.7	2398.7
17.5°	2865.4	2821.8	2707.2	2316.8	2093.1	2065.8	2019.4	2068.5	2237.7	2366.0	2439.7
20°	2821.8	2769.9	2638.9	2207.7	2030.3	2005.7	1983.9	2205.0	2333.2	2379.6	2420.6
22.5°	2769.9	2715.4	2546.2	2131.3	1964.8	1945.7	1959.4	2281.4	2333.2	2366.0	2401.4
25°	2701.7	2655.3	2437.0	2071.2	1913.0	1891.1	1943.0	2273.2	2303.2	2311.4	2382.3
27.5°	2638.9	2578.9	2322.3	2016.7	1850.2	1842.0	1956.6	2237.7	2259.5	2267.7	2344.1
30°	2562.5	2472.5	2194.0	1959.4	1784.7	1782.0	1959.4	2194.0	2188.6	2210.4	2286.8
32.5°	2483.4	2314.1	2049.4	1888.4	1721.9	1719.2	1940.3	2128.6	2123.1	2153.1	2210.4
35°	2409.7	2191.3	1852.9	1806.5	1642.8	1645.5	1893.9	2052.1	2054.9	2082.2	2117.6
37.5°	2333.2	2084.9	1637.3	1716.5	1566.4	1566.4	1831.1	1981.2	1975.7	1983.9	2033.0
40°	2243.2	1918.4	1446.3	1599.1	1495.4	1487.3	1754.7	1904.8	1885.7	1882.9	1951.2
42.5°	2147.7	1735.6	1304.4	1443.6	1413.6	1402.7	1661.9	1812.0	1776.5	1784.7	1872.0
45°	2044.0	1686.5	1195.3	1219.8	1329.0	1320.8	1560.9	1705.6	1681.0	1702.8	1792.9
47.5°	1940.3	1588.2	1159.8	1012.4	1238.9	1236.2	1449.1	1601.9	1588.2	1610.1	1705.6
50°	1798.4	1479.1	1157.1	867.8	1138.0	1148.9	1315.3	1500.9	1500.9	1520.0	1621.0
52.5°	1615.5	1345.4	1050.6	785.9	1020.6	1053.4	1198.0	1413.6	1419.0	1438.1	1528.2
55°	1449.1	1206.2	974.2	723.2	881.4	952.4	1083.4	1323.5	1334.4	1353.5	1435.4
57.5°	1296.2	1004.2	957.8	649.5	753.2	821.4	982.4	1236.2	1241.7	1258.0	1337.2
60°	1132.5	725.9	878.7	570.3	641.3	693.1	889.6	1132.5	1151.6	1162.5	1230.7
62.5°	946.9	526.7	796.8	515.8	586.7	597.6	813.2	1034.3	1058.8	1067.0	1107.9
65°	674.0	442.1	676.8	469.4	529.4	532.1	731.3	933.3	955.1	968.8	998.8
67.5°	455.7	360.2	515.8	425.7	485.7	488.5	652.2	815.9	846.0	856.9	876.0
70°	316.6	240.1	382.0	379.3	436.6	442.1	567.6	709.5	736.8	745.0	755.9
72.5°	232.0	193.8	316.6	341.1	384.8	390.2	480.3	589.4	616.7	624.9	630.4
75°	177.4	204.7	256.5	297.5	327.5	330.2	393.0	480.3	499.4	504.8	507.6
77.5°	141.9	191.0	188.3	240.1	267.4	262.0	308.4	371.1	387.5	387.5	387.5
80°	106.4	150.1	141.9	171.9	196.5	191.0	221.0	264.7	270.2	275.6	272.9
82.5°	79.1	95.5	95.5	109.2	131.0	125.5	147.4	171.9	171.9	171.9	177.4
85°	49.1	54.6	43.7	57.3	73.7	71.0	81.9	92.8	95.5	95.5	90.1
87.5°	30.0	24.6	13.6	21.8	32.7	32.7	38.2	40.9	38.2	38.2	38.2
90°	7.1	4.9	2.7	4.9	7.1	7.6	12.0	17.8	20.7	18.5	13.8
92.5°	48.1	29.5	10.9	29.5	48.1	52.8	74.1	102.7	117.0	102.5	73.6
95°	94.2	60.2	26.2	60.2	94.2	102.8	182.5	288.8	341.9	305.1	231.5
97.5°	105.4	75.4	45.4	75.4	105.4	112.9	245.8	423.1	511.7	488.4	441.9
100°	114.5	87.3	60.1	87.3	114.5	121.3	268.9	465.6	563.9	565.6	569.0
102.5°	123.4	98.1	72.7	98.1	123.4	129.8	279.4	478.9	578.6	608.3	667.5
105°	137.0	115.5	94.1	115.5	137.0	142.4	287.3	480.4	577.0	643.4	776.3
107.5°	156.0	135.9	115.9	135.9	156.0	161.0	288.7	459.0	544.1	636.8	822.2
110°	166.8	148.7	130.6	148.7	166.8	171.4	286.5	440.1	516.9	620.5	827.7



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	179.7	162.4	145.2	162.4	179.7	183.9	286.6	423.5	492.0	598.1	810.1
115°	198.8	182.9	167.0	182.9	198.8	202.8	289.3	404.5	462.2	564.3	768.6
117.5°	217.5	203.0	188.6	203.0	217.5	221.1	294.6	392.7	441.7	534.0	718.3
120°	228.4	214.8	201.1	214.8	228.4	231.8	299.0	388.6	433.4	517.7	686.2
122.5°	240.9	227.2	213.5	227.2	240.9	244.3	305.3	386.5	427.2	503.0	654.8
125°	257.4	244.9	232.3	244.9	257.4	260.5	313.8	384.9	420.3	484.7	613.6
127.5°	272.9	260.2	247.6	260.2	272.9	276.1	322.3	383.9	414.6	469.9	580.6
130°	283.1	269.4	255.8	269.4	283.1	286.4	328.5	384.4	412.4	461.7	560.2
132.5°	291.5	277.9	264.3	277.9	291.5	294.9	333.5	384.9	410.5	454.6	542.9
135°	301.6	289.3	276.9	289.3	301.6	304.7	338.9	384.5	407.2	444.2	518.0
137.5°	314.2	302.0	289.7	302.0	314.2	317.3	347.1	386.9	406.7	437.9	500.3
140°	323.0	311.6	300.4	311.6	323.0	325.8	352.1	387.2	404.8	431.7	485.7
142.5°	329.5	319.0	308.5	319.0	329.5	332.1	356.3	388.6	404.8	428.4	475.8
145°	339.4	330.3	321.2	330.3	339.4	341.7	361.8	388.6	402.1	421.4	460.2
147.5°	351.5	342.6	333.7	342.6	351.5	353.7	369.8	391.3	402.1	417.3	447.8
150°	357.9	349.9	341.9	349.9	357.9	359.9	374.0	392.7	402.1	415.0	440.7
152.5°	362.5	356.5	350.4	356.5	362.5	364.0	376.7	393.6	402.1	413.1	435.1
155°	372.0	367.4	362.9	367.4	372.0	373.0	382.7	395.6	402.1	410.8	428.3
157.5°	381.0	376.6	372.2	376.6	381.0	382.1	388.8	397.6	402.1	408.9	422.4
160°	385.4	382.0	378.6	382.0	385.4	386.2	391.5	398.5	402.1	407.9	419.5
162.5°	390.0	387.4	384.9	387.4	390.0	390.6	394.4	399.5	402.1	407.0	416.8
165°	396.3	394.0	391.7	394.0	396.3	396.9	398.6	400.9	402.1	405.6	412.6
167.5°	400.1	399.1	398.0	399.1	400.1	400.4	401.9	403.8	404.8	407.1	411.7
170°	404.2	403.2	402.1	403.2	404.2	404.5	404.6	404.7	404.8	407.1	411.7
172.5°	404.7	404.5	404.2	404.5	404.7	404.8	404.8	404.8	404.8	406.6	410.2
175°	407.2	407.2	407.2	407.2	407.2	407.2	406.4	405.3	404.8	406.0	408.2
177.5°	407.2	407.2	407.2	407.2	407.2	407.2	406.6	405.8	405.3	406.2	408.1
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5	2884.5
2.5°	2783.6	2775.4	2786.3	2756.3	2786.3	2775.4	2783.6	2802.7	2786.3	2797.2	2808.1
5°	2442.5	2428.8	2385.1	2349.6	2385.1	2428.8	2442.5	2499.8	2527.1	2576.2	2641.7
7.5°	2183.1	2172.2	2161.3	2139.5	2161.3	2172.2	2183.1	2199.5	2226.8	2270.5	2319.6
10°	2125.8	2128.6	2144.9	2142.2	2144.9	2128.6	2125.8	2120.4	2112.2	2120.4	2150.4
12.5°	2273.2	2297.7	2387.8	2382.3	2387.8	2297.7	2273.2	2164.0	2090.3	2076.7	2082.2
15°	2442.5	2450.7	2469.8	2472.5	2469.8	2450.7	2442.5	2398.7	2177.7	2082.2	2052.1
17.5°	2458.8	2461.6	2475.2	2475.2	2475.2	2461.6	2458.8	2439.7	2366.0	2237.7	2068.5
20°	2445.2	2450.7	2477.9	2483.4	2477.9	2450.7	2445.2	2420.6	2379.6	2333.2	2205.0
22.5°	2439.7	2450.7	2472.5	2469.8	2472.5	2450.7	2439.7	2401.4	2366.0	2333.2	2281.4
25°	2412.4	2412.4	2415.2	2417.9	2415.2	2412.4	2412.4	2382.3	2311.4	2303.2	2273.2
27.5°	2355.1	2360.5	2376.9	2374.2	2376.9	2360.5	2355.1	2344.1	2267.7	2259.5	2237.7
30°	2303.2	2297.7	2284.1	2273.2	2284.1	2297.7	2303.2	2286.8	2210.4	2188.6	2194.0
32.5°	2215.9	2202.2	2188.6	2180.4	2188.6	2202.2	2215.9	2210.4	2153.1	2123.1	2128.6
35°	2112.2	2114.9	2112.2	2104.0	2112.2	2114.9	2112.2	2117.6	2082.2	2054.9	2052.1
37.5°	2038.5	2044.0	2041.2	2030.3	2041.2	2044.0	2038.5	2033.0	1983.9	1975.7	1981.2
40°	1962.1	1964.8	1962.1	1953.9	1962.1	1964.8	1962.1	1951.2	1882.9	1885.7	1904.8
42.5°	1888.4	1885.7	1877.5	1872.0	1877.5	1885.7	1888.4	1872.0	1784.7	1776.5	1812.0
45°	1803.8	1806.5	1790.2	1782.0	1790.2	1806.5	1803.8	1792.9	1702.8	1681.0	1705.6
47.5°	1719.2	1719.2	1705.6	1697.4	1705.6	1719.2	1719.2	1705.6	1610.1	1588.2	1601.9
50°	1629.2	1626.4	1607.3	1604.6	1607.3	1626.4	1629.2	1621.0	1520.0	1500.9	1500.9
52.5°	1525.5	1525.5	1528.2	1533.6	1528.2	1525.5	1525.5	1528.2	1438.1	1419.0	1413.6
55°	1435.4	1438.1	1457.2	1462.7	1457.2	1438.1	1435.4	1435.4	1353.5	1334.4	1323.5
57.5°	1342.6	1342.6	1356.3	1356.3	1356.3	1342.6	1342.6	1337.2	1258.0	1241.7	1236.2
60°	1236.2	1241.7	1252.6	1249.8	1252.6	1241.7	1236.2	1230.7	1162.5	1151.6	1132.5
62.5°	1124.3	1129.8	1132.5	1127.0	1132.5	1129.8	1124.3	1107.9	1067.0	1058.8	1034.3
65°	1007.0	1012.4	1015.2	1009.7	1015.2	1012.4	1007.0	998.8	968.8	955.1	933.3
67.5°	886.9	884.2	881.4	892.4	881.4	884.2	886.9	876.0	856.9	846.0	815.9
70°	764.1	764.1	761.4	766.8	761.4	764.1	764.1	755.9	745.0	736.8	709.5
72.5°	633.1	630.4	641.3	633.1	641.3	630.4	633.1	630.4	624.9	616.7	589.4
75°	504.8	510.3	504.8	513.0	504.8	510.3	504.8	507.6	504.8	499.4	480.3
77.5°	384.8	390.2	384.8	384.8	384.8	390.2	384.8	387.5	387.5	387.5	371.1
80°	272.9	270.2	270.2	267.4	270.2	270.2	272.9	272.9	275.6	270.2	264.7
82.5°	174.7	171.9	171.9	177.4	171.9	171.9	174.7	177.4	171.9	171.9	171.9
85°	95.5	98.2	92.8	92.8	92.8	98.2	95.5	90.1	95.5	95.5	92.8
87.5°	35.5	32.7	32.7	32.7	32.7	32.7	35.5	38.2	38.2	38.2	40.9
90°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	13.8	18.5	20.7	17.8
92.5°	51.9	49.8	41.7	33.4	41.7	49.8	51.9	73.6	102.5	117.0	102.7
95°	176.3	170.0	145.0	120.0	145.0	170.0	176.3	231.5	305.1	341.9	288.8
97.5°	407.0	395.1	347.5	299.8	347.5	395.1	407.0	441.9	488.4	511.7	423.1
100°	571.5	557.3	500.7	443.9	500.7	557.3	571.5	569.0	565.6	563.9	465.6
102.5°	712.0	699.8	651.2	602.6	651.2	699.8	712.0	667.5	608.3	578.6	478.9
105°	876.0	869.4	843.3	817.2	843.3	869.4	876.0	776.3	643.4	577.0	480.4
107.5°	961.3	962.9	969.2	975.5	969.2	962.9	961.3	822.2	636.8	544.1	459.0
110°	983.1	990.0	1017.2	1044.4	1017.2	990.0	983.1	827.7	620.5	516.9	440.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	969.2	979.7	1021.4	1063.2	1021.4	979.7	969.2	810.1	598.1	492.0	423.5
115°	921.9	936.4	994.3	1052.3	994.3	936.4	921.9	768.6	564.3	462.2	404.5
117.5°	856.6	872.7	936.9	1001.1	936.9	872.7	856.6	718.3	534.0	441.7	392.7
120°	812.6	828.2	890.6	953.0	890.6	828.2	812.6	686.2	517.7	433.4	388.6
122.5°	768.6	783.9	845.6	907.2	845.6	783.9	768.6	654.8	503.0	427.2	386.5
125°	710.3	724.5	781.2	838.0	781.2	724.5	710.3	613.6	484.7	420.3	384.9
127.5°	663.6	675.6	723.4	771.3	723.4	675.6	663.6	580.6	469.9	414.6	383.9
130°	634.1	645.2	689.4	733.6	689.4	645.2	634.1	560.2	461.7	412.4	384.4
132.5°	609.0	618.9	658.5	698.1	658.5	618.9	609.0	542.9	454.6	410.5	384.9
135°	573.4	582.0	616.1	650.2	616.1	582.0	573.4	518.0	444.2	407.2	384.5
137.5°	547.1	554.2	582.1	610.1	582.1	554.2	547.1	500.3	437.9	406.7	386.9
140°	526.1	532.7	558.8	584.9	558.8	532.7	526.1	485.7	431.7	404.8	387.2
142.5°	511.4	517.0	539.5	562.0	539.5	517.0	511.4	475.8	428.4	404.8	388.6
145°	489.2	493.5	510.5	527.5	510.5	493.5	489.2	460.2	421.4	402.1	388.6
147.5°	470.6	474.2	488.3	502.4	488.3	474.2	470.6	447.8	417.3	402.1	391.3
150°	460.0	462.8	474.3	485.7	474.3	462.8	460.0	440.7	415.0	402.1	392.7
152.5°	451.5	453.7	462.3	470.9	462.3	453.7	451.5	435.1	413.1	402.1	393.6
155°	441.4	442.9	448.5	454.3	448.5	442.9	441.4	428.3	410.8	402.1	395.6
157.5°	432.6	433.6	437.7	441.7	437.7	433.6	432.6	422.4	408.9	402.1	397.6
160°	428.3	428.8	431.2	433.4	431.2	428.8	428.3	419.5	407.9	402.1	398.5
162.5°	424.2	424.7	426.9	429.1	426.9	424.7	424.2	416.8	407.0	402.1	399.5
165°	417.9	418.4	420.8	423.1	420.8	418.4	417.9	412.6	405.6	402.1	400.9
167.5°	415.2	415.4	416.3	417.3	416.3	415.4	415.2	411.7	407.1	404.8	403.8
170°	415.2	415.2	415.2	415.2	415.2	415.2	415.2	411.7	407.1	404.8	404.7
172.5°	413.0	412.8	411.9	411.1	411.9	412.8	413.0	410.2	406.6	404.8	404.8
175°	410.0	410.0	410.0	410.0	410.0	410.0	410.0	408.2	406.0	404.8	405.3
177.5°	409.4	409.2	408.2	407.2	408.2	409.2	409.4	408.1	406.2	405.3	405.8
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2884.5	2884.5	2884.5	2884.5	2884.5
2.5°	2849.1	2862.7	2870.9	2881.8	2909.1
5°	2739.9	2791.8	2808.1	2849.1	2898.2
7.5°	2499.8	2658.1	2701.7	2800.0	2876.4
10°	2267.7	2426.1	2502.5	2734.5	2849.1
12.5°	2150.4	2243.2	2295.0	2619.8	2810.9
15°	2076.7	2142.2	2180.4	2467.0	2767.2
17.5°	2019.4	2065.8	2093.1	2316.8	2707.2
20°	1983.9	2005.7	2030.3	2207.7	2638.9
22.5°	1959.4	1945.7	1964.8	2131.3	2546.2
25°	1943.0	1891.1	1913.0	2071.2	2437.0
27.5°	1956.6	1842.0	1850.2	2016.7	2322.3
30°	1959.4	1782.0	1784.7	1959.4	2194.0
32.5°	1940.3	1719.2	1721.9	1888.4	2049.4
35°	1893.9	1645.5	1642.8	1806.5	1852.9
37.5°	1831.1	1566.4	1566.4	1716.5	1637.3
40°	1754.7	1487.3	1495.4	1599.1	1446.3
42.5°	1661.9	1402.7	1413.6	1443.6	1304.4
45°	1560.9	1320.8	1329.0	1219.8	1195.3
47.5°	1449.1	1236.2	1238.9	1012.4	1159.8
50°	1315.3	1148.9	1138.0	867.8	1157.1
52.5°	1198.0	1053.4	1020.6	785.9	1050.6
55°	1083.4	952.4	881.4	723.2	974.2
57.5°	982.4	821.4	753.2	649.5	957.8
60°	889.6	693.1	641.3	570.3	878.7
62.5°	813.2	597.6	586.7	515.8	796.8
65°	731.3	532.1	529.4	469.4	676.8
67.5°	652.2	488.5	485.7	425.7	515.8
70°	567.6	442.1	436.6	379.3	382.0
72.5°	480.3	390.2	384.8	341.1	316.6
75°	393.0	330.2	327.5	297.5	256.5
77.5°	308.4	262.0	267.4	240.1	188.3
80°	221.0	191.0	196.5	171.9	141.9
82.5°	147.4	125.5	131.0	109.2	95.5
85°	81.9	71.0	73.7	57.3	43.7
87.5°	38.2	32.7	32.7	21.8	13.6
90°	12.0	7.6	7.1	4.9	2.7
92.5°	74.1	52.8	48.1	29.5	10.9
95°	182.5	102.8	94.2	60.2	26.2
97.5°	245.8	112.9	105.4	75.4	45.4
100°	268.9	121.3	114.5	87.3	60.1
102.5°	279.4	129.8	123.4	98.1	72.7
105°	287.3	142.4	137.0	115.5	94.1
107.5°	288.7	161.0	156.0	135.9	115.9
110°	286.5	171.4	166.8	148.7	130.6



TEST NUMBER: P933928

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	286.6	183.9	179.7	162.4	145.2
115°	289.3	202.8	198.8	182.9	167.0
117.5°	294.6	221.1	217.5	203.0	188.6
120°	299.0	231.8	228.4	214.8	201.1
122.5°	305.3	244.3	240.9	227.2	213.5
125°	313.8	260.5	257.4	244.9	232.3
127.5°	322.3	276.1	272.9	260.2	247.6
130°	328.5	286.4	283.1	269.4	255.8
132.5°	333.5	294.9	291.5	277.9	264.3
135°	338.9	304.7	301.6	289.3	276.9
137.5°	347.1	317.3	314.2	302.0	289.7
140°	352.1	325.8	323.0	311.6	300.4
142.5°	356.3	332.1	329.5	319.0	308.5
145°	361.8	341.7	339.4	330.3	321.2
147.5°	369.8	353.7	351.5	342.6	333.7
150°	374.0	359.9	357.9	349.9	341.9
152.5°	376.7	364.0	362.5	356.5	350.4
155°	382.7	373.0	372.0	367.4	362.9
157.5°	388.8	382.1	381.0	376.6	372.2
160°	391.5	386.2	385.4	382.0	378.6
162.5°	394.4	390.6	390.0	387.4	384.9
165°	398.6	396.9	396.3	394.0	391.7
167.5°	401.9	400.4	400.1	399.1	398.0
170°	404.6	404.5	404.2	403.2	402.1
172.5°	404.8	404.8	404.7	404.5	404.2
175°	406.4	407.2	407.2	407.2	407.2
177.5°	406.6	407.2	407.2	407.2	407.2
180°	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P933928
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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	14.38	15.51	15.10	16.25	17.13	17.23	18.36	17.95	19.10	19.98
	3H	14.88	15.89	15.61	16.64	17.56	18.60	19.62	19.34	20.37	21.28
	4H	15.08	16.03	15.83	16.80	17.72	19.06	20.02	19.82	20.78	21.71
	6H	15.21	16.09	15.98	16.86	17.80	19.37	20.25	20.13	21.02	21.96
	8H	15.22	16.06	16.00	16.85	17.79	19.45	20.29	20.23	21.08	22.03
	12H	15.20	16.00	15.98	16.79	17.76	19.50	20.30	20.29	21.09	22.06
4H	2H	15.45	16.40	16.21	17.17	18.09	17.67	18.63	18.43	19.39	20.31
	3H	16.50	17.30	17.27	18.09	19.04	19.21	20.00	19.98	20.80	21.74
	4H	16.79	17.51	17.57	18.31	19.28	19.75	20.47	20.54	21.27	22.24
	6H	16.93	17.55	17.73	18.38	19.36	20.14	20.76	20.94	21.58	22.56
	8H	16.94	17.53	17.75	18.34	19.33	20.25	20.84	21.06	21.66	22.65
	12H	16.92	17.45	17.75	18.29	19.28	20.33	20.85	21.15	21.69	22.69
8H	4H	17.27	17.85	18.07	18.67	19.66	19.90	20.48	20.70	21.30	22.29
	6H	17.54	18.02	18.37	18.88	19.88	20.35	20.83	21.19	21.69	22.69
	8H	17.58	18.02	18.43	18.87	19.88	20.51	20.94	21.35	21.79	22.80
	12H	17.58	17.96	18.43	18.81	19.87	20.62	21.00	21.47	21.85	22.91
12H	4H	17.29	17.81	18.11	18.65	19.65	19.87	20.40	20.70	21.24	22.24
	6H	17.60	18.03	18.45	18.89	19.90	20.35	20.78	21.20	21.64	22.65
	8H	17.68	18.06	18.53	18.91	19.97	20.53	20.91	21.38	21.75	22.82