

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: P933926

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933926
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-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

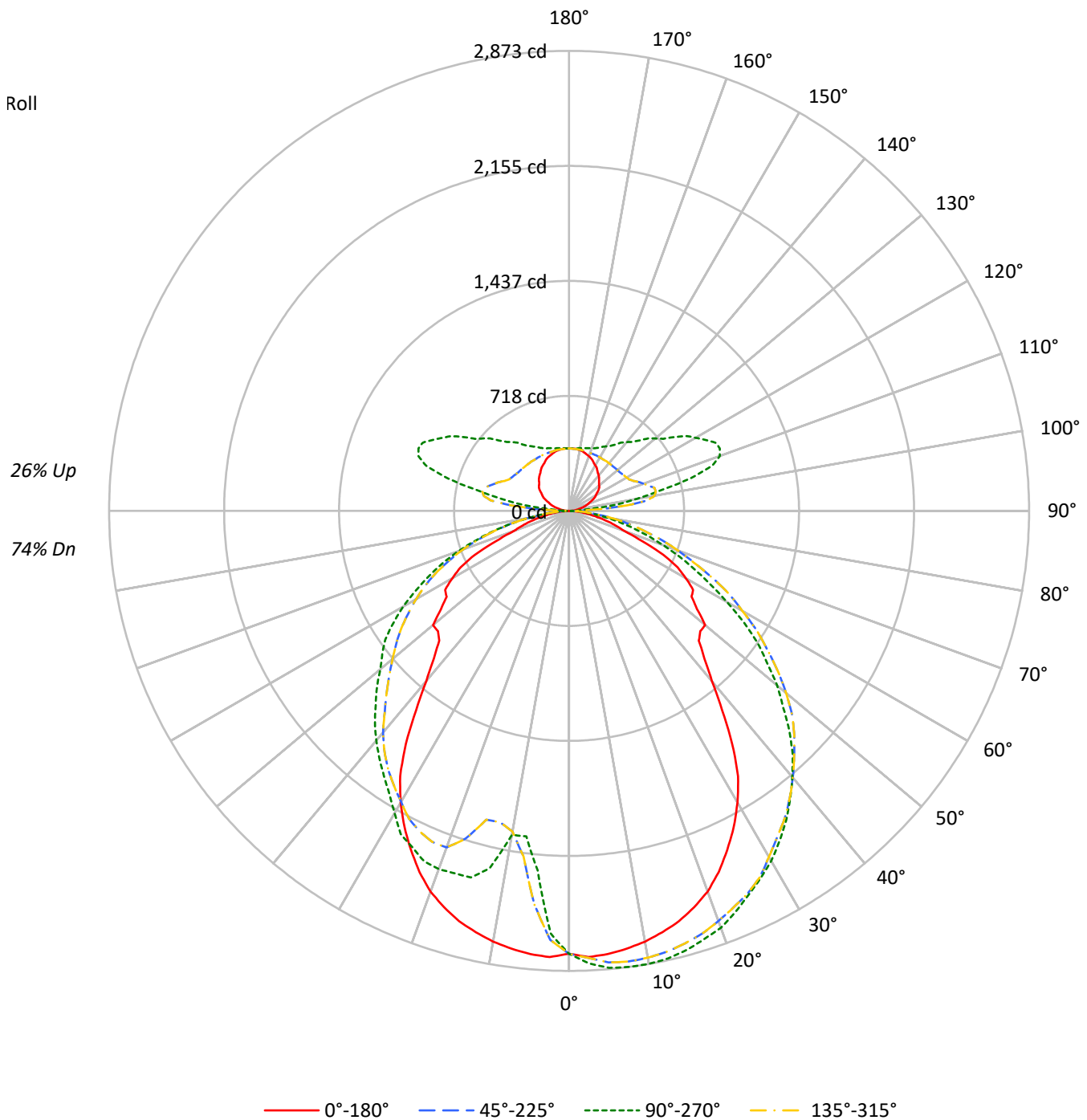
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9702.2 lumens
Efficiency: N/A
Efficacy: 107.8 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				
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	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	43	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8553	8553	8553	8553
5°	8620	8634	8620	6789
10°	8566	8505	8566	6080
15°	8476	8321	8476	6948
20°	8302	8102	8302	6962
25°	7943	7784	7943	6815
30°	7476	7520	7476	6491
35°	6668	7185	6668	6135
40°	5559	6792	5559	5866
45°	4971	6331	4971	5557
50°	5285	5781	5285	5246
55°	4977	5189	4977	5066
60°	5137	4407	5137	4641
65°	4665	3643	4665	4073
70°	3239	2903	3239	3414
75°	2850	2146	2850	2570
80°	2313	1419	2313	1545
85°	1358	751	1358	638

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7614 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.6	2.6
10°-20°	708.7	7.3
20°-30°	1095.6	11.3
30°-40°	1307.8	13.5
40°-50°	1315.5	13.6
50°-60°	1144.6	11.8
60°-70°	811.6	8.4
70°-80°	429.4	4.4
80°-90°	108.4	1.1
90°-100°	190.3	2.0
100°-110°	500.3	5.2
110°-120°	518.8	5.3
120°-130°	416.1	4.3
130°-140°	326.5	3.4
140°-150°	250.6	2.6
150°-160°	180.5	1.9
160°-170°	110.4	1.1
170°-180°	37.3	0.4
0°-30°	2053.9	21.2
0°-40°	3361.8	34.6
0°-60°	5821.9	60.0
0°-90°	7171.3	73.9
90°-120°	1209.4	12.5
90°-150°	2202.7	22.7
90°-180°	2531.0	26.1
0°-180°	9702.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2765	2765	2765	2765	2765	
5°	2778	2865	2778	2252	2778	264
15°	2653	2839	2653	2370	2653	746
25°	2336	2648	2336	2318	2336	1073
35°	1776	2362	1776	2017	1776	1099
45°	1146	1946	1146	1708	1146	918
55°	934	1436	934	1402	934	858
65°	649	866	649	968	649	620
75°	246	411	246	492	246	259
85°	42	105	42	89	42	57
90°	3	10	3	10	3	4
95°	25	115	25	115	25	28
105°	90	783	90	783	90	96
115°	160	1009	160	1009	160	158
125°	223	803	223	803	223	198
135°	265	623	265	623	265	205
145°	308	506	308	506	308	193
155°	348	436	348	436	348	160
165°	376	406	376	406	376	106
175°	390	393	390	393	390	37
180°	390	390	390	390	390	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2788.9	2788.9	2804.5	2809.8	2809.8	2801.9	2794.1	2801.9	2825.5	2833.3	2830.7
5°	2778.4	2799.3	2828.1	2833.3	2838.6	2835.9	2830.7	2835.9	2862.1	2867.3	2870.0
7.5°	2757.5	2796.7	2833.3	2841.2	2849.0	2841.2	2838.6	2843.8	2870.0	2875.2	2875.2
10°	2731.3	2786.2	2828.1	2833.3	2841.2	2833.3	2833.3	2843.8	2870.0	2875.2	2877.8
12.5°	2694.7	2770.5	2809.8	2815.0	2825.5	2822.9	2820.2	2830.7	2856.9	2862.1	2862.1
15°	2652.8	2741.8	2778.4	2783.6	2801.9	2796.7	2796.7	2807.2	2835.9	2843.8	2841.2
17.5°	2595.3	2705.1	2747.0	2754.8	2767.9	2765.3	2767.9	2778.4	2804.5	2809.8	2812.4
20°	2529.9	2655.4	2705.1	2713.0	2726.1	2726.1	2726.1	2739.1	2765.3	2775.8	2775.8
22.5°	2440.9	2603.1	2655.4	2660.7	2676.4	2676.4	2681.6	2699.9	2723.4	2726.1	2726.1
25°	2336.3	2545.6	2590.0	2605.7	2621.4	2629.3	2637.1	2647.6	2655.4	2652.8	2655.4
27.5°	2226.3	2472.3	2529.9	2540.3	2561.3	2569.1	2579.6	2582.2	2584.8	2592.6	2587.4
30°	2103.3	2370.3	2456.6	2467.1	2501.1	2506.3	2495.8	2501.1	2514.2	2519.4	2524.6
32.5°	1964.7	2218.5	2380.7	2404.3	2435.7	2420.0	2417.4	2425.2	2446.1	2446.1	2451.4
35°	1776.3	2100.7	2310.1	2331.0	2354.6	2336.3	2346.7	2349.3	2362.4	2370.3	2367.7
37.5°	1569.7	1998.7	2236.8	2252.5	2270.8	2247.2	2262.9	2270.8	2281.2	2276.0	2276.0
40°	1386.5	1839.1	2150.4	2160.9	2176.6	2158.3	2174.0	2179.2	2184.4	2179.2	2176.6
42.5°	1250.5	1663.8	2058.9	2072.0	2061.5	2074.6	2079.8	2090.3	2082.4	2072.0	2072.0
45°	1145.9	1616.8	1959.5	1975.2	1959.5	1980.4	1988.2	1988.2	1964.7	1959.5	1956.8
47.5°	1111.8	1522.6	1860.0	1860.0	1852.2	1878.4	1891.4	1873.1	1849.6	1841.7	1841.7
50°	1109.2	1417.9	1724.0	1713.5	1750.2	1781.6	1768.5	1750.2	1731.9	1703.1	1703.1
52.5°	1007.2	1289.7	1548.7	1588.0	1645.5	1663.8	1642.9	1624.6	1593.2	1580.1	1569.7
55°	933.9	1156.3	1389.2	1467.6	1527.8	1551.3	1512.1	1493.8	1446.7	1438.9	1433.6
57.5°	918.3	962.7	1242.6	1342.1	1415.3	1412.7	1389.2	1355.1	1315.9	1308.1	1305.4
60°	842.4	695.9	1085.7	1203.4	1279.3	1271.4	1250.5	1219.1	1182.5	1177.2	1172.0
62.5°	763.9	504.9	907.8	1041.2	1148.5	1145.9	1127.5	1080.5	1054.3	1041.2	1030.7
65°	648.8	423.8	646.2	865.9	1020.3	1025.5	986.3	952.3	923.5	907.8	905.2
67.5°	494.4	345.3	436.9	722.0	897.3	892.1	842.4	826.7	790.1	782.2	766.5
70°	366.3	230.2	303.5	586.0	777.0	763.9	724.7	706.3	672.3	654.0	643.6
72.5°	303.5	185.7	222.4	455.2	654.0	638.3	604.3	583.4	554.6	538.9	528.5
75°	245.9	196.2	170.0	337.5	531.1	520.6	489.2	468.3	444.7	423.8	426.4
77.5°	180.5	183.1	136.0	248.5	421.2	405.5	387.2	361.0	350.6	329.6	329.6
80°	136.0	143.9	102.0	170.0	303.5	303.5	287.8	269.5	251.1	240.7	240.7
82.5°	91.6	91.6	75.9	107.3	206.7	198.8	188.4	183.1	172.7	167.4	167.4
85°	41.9	52.3	47.1	65.4	112.5	117.7	117.7	112.5	109.9	104.6	107.3
87.5°	13.1	23.5	28.8	36.6	57.6	60.2	62.8	62.8	62.8	65.4	65.4
90°	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3	9.9	9.9
92.5°	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5	49.8	47.8
95°	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9	169.0	163.0
97.5°	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6	390.1	378.7
100°	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5	547.9	534.3
102.5°	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9	682.5	670.9
105°	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2	839.8	833.5
107.5°	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2	921.6	923.0
110°	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5	942.5	949.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6	929.2	939.2
115°	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9	883.8	897.7
117.5°	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6	821.2	836.6
120°	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9	779.0	794.0
122.5°	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7	736.8	751.5
125°	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3	681.0	694.6
127.5°	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6	636.1	647.7
130°	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1	607.9	618.5
132.5°	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4	583.8	593.3
135°	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6	549.7	557.9
137.5°	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6	524.5	531.2
140°	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6	504.4	510.7
142.5°	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2	490.3	495.7
145°	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2	469.0	473.1
147.5°	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3	451.2	454.6
150°	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5	441.0	443.7
152.5°	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1	432.9	435.0
155°	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6	423.2	424.6
157.5°	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0	414.7	415.7
160°	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2	410.6	411.1
162.5°	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6	406.6	407.2
165°	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6	400.6	401.1
167.5°	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7	398.0	398.3
170°	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7	398.0	398.0
172.5°	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3	395.9	395.7
175°	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4	393.0	393.0
177.5°	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2	392.5	392.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2835.9	2828.1	2835.9	2830.7	2833.3	2825.5	2801.9	2794.1	2801.9	2809.8	2809.8
5°	2870.0	2864.7	2870.0	2870.0	2867.3	2862.1	2835.9	2830.7	2835.9	2838.6	2833.3
7.5°	2880.4	2872.6	2880.4	2875.2	2875.2	2870.0	2843.8	2838.6	2841.2	2849.0	2841.2
10°	2880.4	2872.6	2880.4	2877.8	2875.2	2870.0	2843.8	2833.3	2833.3	2841.2	2833.3
12.5°	2867.3	2862.1	2867.3	2862.1	2862.1	2856.9	2830.7	2820.2	2822.9	2825.5	2815.0
15°	2846.4	2838.6	2846.4	2841.2	2843.8	2835.9	2807.2	2796.7	2796.7	2801.9	2783.6
17.5°	2815.0	2804.5	2815.0	2812.4	2809.8	2804.5	2778.4	2767.9	2765.3	2767.9	2754.8
20°	2778.4	2770.5	2778.4	2775.8	2775.8	2765.3	2739.1	2726.1	2726.1	2726.1	2713.0
22.5°	2720.8	2713.0	2720.8	2726.1	2726.1	2723.4	2699.9	2681.6	2676.4	2676.4	2660.7
25°	2655.4	2647.6	2655.4	2655.4	2652.8	2655.4	2647.6	2637.1	2629.3	2621.4	2605.7
27.5°	2592.6	2587.4	2592.6	2587.4	2592.6	2584.8	2582.2	2579.6	2569.1	2561.3	2540.3
30°	2529.9	2524.6	2529.9	2524.6	2519.4	2514.2	2501.1	2495.8	2506.3	2501.1	2467.1
32.5°	2451.4	2446.1	2451.4	2451.4	2446.1	2446.1	2425.2	2417.4	2420.0	2435.7	2404.3
35°	2370.3	2362.4	2370.3	2367.7	2370.3	2362.4	2349.3	2346.7	2336.3	2354.6	2331.0
37.5°	2276.0	2268.2	2276.0	2276.0	2276.0	2281.2	2270.8	2262.9	2247.2	2270.8	2252.5
40°	2179.2	2168.7	2179.2	2176.6	2179.2	2184.4	2179.2	2174.0	2158.3	2176.6	2160.9
42.5°	2069.3	2066.7	2069.3	2072.0	2072.0	2082.4	2090.3	2079.8	2074.6	2061.5	2072.0
45°	1951.6	1946.4	1951.6	1956.8	1959.5	1964.7	1988.2	1988.2	1980.4	1959.5	1975.2
47.5°	1826.0	1813.0	1826.0	1841.7	1841.7	1849.6	1873.1	1891.4	1878.4	1852.2	1860.0
50°	1692.6	1695.2	1692.6	1703.1	1703.1	1731.9	1750.2	1768.5	1781.6	1750.2	1713.5
52.5°	1561.8	1559.2	1561.8	1569.7	1580.1	1593.2	1624.6	1642.9	1663.8	1645.5	1588.0
55°	1431.0	1436.2	1431.0	1433.6	1438.9	1446.7	1493.8	1512.1	1551.3	1527.8	1467.6
57.5°	1300.2	1292.4	1300.2	1305.4	1308.1	1315.9	1355.1	1389.2	1412.7	1415.3	1342.1
60°	1148.5	1138.0	1148.5	1172.0	1177.2	1182.5	1219.1	1250.5	1271.4	1279.3	1203.4
62.5°	1015.0	996.7	1015.0	1030.7	1041.2	1054.3	1080.5	1127.5	1145.9	1148.5	1041.2
65°	873.8	865.9	873.8	905.2	907.8	923.5	952.3	986.3	1025.5	1020.3	865.9
67.5°	745.6	745.6	745.6	766.5	782.2	790.1	826.7	842.4	892.1	897.3	722.0
70°	627.9	625.2	627.9	643.6	654.0	672.3	706.3	724.7	763.9	777.0	586.0
72.5°	515.4	512.8	515.4	528.5	538.9	554.6	583.4	604.3	638.3	654.0	455.2
75°	416.0	410.7	416.0	426.4	423.8	444.7	468.3	489.2	520.6	531.1	337.5
77.5°	319.2	319.2	319.2	329.6	329.6	350.6	361.0	387.2	405.5	421.2	248.5
80°	238.1	235.4	238.1	240.7	240.7	251.1	269.5	287.8	303.5	303.5	170.0
82.5°	167.4	162.2	167.4	167.4	167.4	172.7	183.1	188.4	198.8	206.7	107.3
85°	104.6	104.6	104.6	107.3	104.6	109.9	112.5	117.7	117.7	112.5	65.4
87.5°	68.0	65.4	68.0	65.4	65.4	62.8	62.8	62.8	60.2	57.6	36.6
90°	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1	11.5	7.3
92.5°	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5	71.1	50.6
95°	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9	174.9	98.5
97.5°	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6	235.6	108.2
100°	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3	257.8	116.3
102.5°	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1	267.9	124.4
105°	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5	275.4	136.5
107.5°	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0	276.8	154.4
110°	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9	274.7	164.3



TEST NUMBER: P933926

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0	274.8	176.3
115°	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8	277.3	194.5
117.5°	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5	282.5	212.0
120°	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5	286.6	222.2
122.5°	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5	292.7	234.2
125°	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0	300.9	249.8
127.5°	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0	309.0	264.7
130°	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5	314.9	274.6
132.5°	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0	319.7	282.7
135°	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6	324.9	292.1
137.5°	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9	332.8	304.2
140°	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2	337.6	312.4
142.5°	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5	341.6	318.4
145°	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5	346.8	327.5
147.5°	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1	354.5	339.0
150°	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5	358.5	345.1
152.5°	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3	361.1	349.0
155°	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2	366.9	357.6
157.5°	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2	372.7	366.3
160°	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0	375.3	370.3
162.5°	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0	378.1	374.5
165°	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3	382.1	380.5
167.5°	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1	385.3	383.9
170°	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0	387.9	387.8
172.5°	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6	389.6	390.4
177.5°	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0	389.8	390.4
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P933926
 CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2804.5	2788.9	2788.9	2762.7	2752.2	2744.4	2731.3	2692.1	2681.6	2671.1	2686.8
5°	2828.1	2799.3	2778.4	2731.3	2692.1	2676.4	2626.7	2532.5	2469.7	2422.6	2396.4
7.5°	2833.3	2796.7	2757.5	2684.2	2590.0	2548.2	2396.4	2223.7	2176.6	2134.7	2108.6
10°	2828.1	2786.2	2731.3	2621.4	2399.1	2325.8	2174.0	2061.5	2032.7	2024.9	2032.7
12.5°	2809.8	2770.5	2694.7	2511.5	2200.1	2150.4	2061.5	1996.1	1990.9	2003.9	2074.6
15°	2778.4	2741.8	2652.8	2365.0	2090.3	2053.6	1990.9	1967.3	1996.1	2087.6	2299.6
17.5°	2747.0	2705.1	2595.3	2221.1	2006.6	1980.4	1935.9	1983.0	2145.2	2268.2	2338.9
20°	2705.1	2655.4	2529.9	2116.4	1946.4	1922.8	1901.9	2113.8	2236.8	2281.2	2320.6
22.5°	2655.4	2603.1	2440.9	2043.2	1883.6	1865.3	1878.4	2187.1	2236.8	2268.2	2302.2
25°	2590.0	2545.6	2336.3	1985.6	1833.9	1813.0	1862.7	2179.2	2208.0	2215.8	2283.9
27.5°	2529.9	2472.3	2226.3	1933.3	1773.7	1765.9	1875.7	2145.2	2166.1	2174.0	2247.2
30°	2456.6	2370.3	2103.3	1878.4	1710.9	1708.3	1878.4	2103.3	2098.1	2119.0	2192.3
32.5°	2380.7	2218.5	1964.7	1810.3	1650.8	1648.1	1860.0	2040.6	2035.3	2064.1	2119.0
35°	2310.1	2100.7	1776.3	1731.9	1574.9	1577.5	1815.6	1967.3	1969.9	1996.1	2030.1
37.5°	2236.8	1998.7	1569.7	1645.5	1501.6	1501.6	1755.4	1899.3	1894.1	1901.9	1949.0
40°	2150.4	1839.1	1386.5	1533.0	1433.6	1425.8	1682.2	1826.0	1807.7	1805.1	1870.5
42.5°	2058.9	1663.8	1250.5	1383.9	1355.1	1344.7	1593.2	1737.1	1703.1	1710.9	1794.6
45°	1959.5	1616.8	1145.9	1169.4	1274.0	1266.2	1496.4	1635.1	1611.5	1632.4	1718.8
47.5°	1860.0	1522.6	1111.8	970.6	1187.7	1185.1	1389.2	1535.7	1522.6	1543.5	1635.1
50°	1724.0	1417.9	1109.2	831.9	1090.9	1101.4	1261.0	1438.9	1438.9	1457.2	1554.0
52.5°	1548.7	1289.7	1007.2	753.4	978.4	1009.8	1148.5	1355.1	1360.4	1378.7	1465.0
55°	1389.2	1156.3	933.9	693.3	845.0	913.0	1038.6	1268.8	1279.3	1297.6	1376.1
57.5°	1242.6	962.7	918.3	622.6	722.0	787.4	941.8	1185.1	1190.3	1206.0	1281.9
60°	1085.7	695.9	842.4	546.8	614.8	664.5	852.8	1085.7	1104.0	1114.5	1179.9
62.5°	907.8	504.9	763.9	494.4	562.5	572.9	779.6	991.5	1015.0	1022.9	1062.1
65°	646.2	423.8	648.8	450.0	507.5	510.1	701.1	894.7	915.6	928.7	957.5
67.5°	436.9	345.3	494.4	408.1	465.7	468.3	625.2	782.2	811.0	821.5	839.8
70°	303.5	230.2	366.3	363.6	418.6	423.8	544.1	680.2	706.3	714.2	724.7
72.5°	222.4	185.7	303.5	327.0	368.9	374.1	460.4	565.1	591.2	599.1	604.3
75°	170.0	196.2	245.9	285.2	313.9	316.5	376.7	460.4	478.7	484.0	486.6
77.5°	136.0	183.1	180.5	230.2	256.4	251.1	295.6	355.8	371.5	371.5	371.5
80°	102.0	143.9	136.0	164.8	188.4	183.1	211.9	253.8	259.0	264.2	261.6
82.5°	75.9	91.6	91.6	104.6	125.6	120.3	141.3	164.8	164.8	164.8	170.0
85°	47.1	52.3	41.9	54.9	70.6	68.0	78.5	88.9	91.6	91.6	86.3
87.5°	28.8	23.5	13.1	20.9	31.4	31.4	36.6	39.2	36.6	36.6	36.6
90°	6.8	4.7	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3
92.5°	46.1	28.3	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5
95°	90.3	57.7	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9
97.5°	101.1	72.3	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6
100°	109.8	83.7	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5
102.5°	118.3	94.0	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9
105°	131.3	110.7	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2
107.5°	149.6	130.3	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2
110°	159.9	142.6	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5



TEST NUMBER: P933926

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	172.2	155.7	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6
115°	190.6	175.4	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9
117.5°	208.5	194.6	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6
120°	219.0	205.9	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9
122.5°	230.9	217.8	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7
125°	246.8	234.8	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3
127.5°	261.6	249.5	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6
130°	271.4	258.3	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1
132.5°	279.5	266.4	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4
135°	289.2	277.3	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6
137.5°	301.2	289.5	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6
140°	309.7	298.8	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6
142.5°	315.9	305.8	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2
145°	325.4	316.6	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2
147.5°	337.0	328.4	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3
150°	343.1	335.5	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5
152.5°	347.5	341.8	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1
155°	356.6	352.2	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6
157.5°	365.3	361.0	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0
160°	369.5	366.2	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2
162.5°	373.8	371.4	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6
165°	379.9	377.7	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6
167.5°	383.6	382.6	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7
170°	387.5	386.5	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7
172.5°	388.0	387.8	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3
175°	390.4	390.4	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4
177.5°	390.4	390.4	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P933926

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2668.5	2660.7	2671.1	2642.4	2671.1	2660.7	2668.5	2686.8	2671.1	2681.6	2692.1
5°	2341.5	2328.4	2286.5	2252.5	2286.5	2328.4	2341.5	2396.4	2422.6	2469.7	2532.5
7.5°	2092.9	2082.4	2072.0	2051.0	2072.0	2082.4	2092.9	2108.6	2134.7	2176.6	2223.7
10°	2037.9	2040.6	2056.3	2053.6	2056.3	2040.6	2037.9	2032.7	2024.9	2032.7	2061.5
12.5°	2179.2	2202.8	2289.1	2283.9	2289.1	2202.8	2179.2	2074.6	2003.9	1990.9	1996.1
15°	2341.5	2349.3	2367.7	2370.3	2367.7	2349.3	2341.5	2299.6	2087.6	1996.1	1967.3
17.5°	2357.2	2359.8	2372.9	2372.9	2372.9	2359.8	2357.2	2338.9	2268.2	2145.2	1983.0
20°	2344.1	2349.3	2375.5	2380.7	2375.5	2349.3	2344.1	2320.6	2281.2	2236.8	2113.8
22.5°	2338.9	2349.3	2370.3	2367.7	2370.3	2349.3	2338.9	2302.2	2268.2	2236.8	2187.1
25°	2312.7	2312.7	2315.3	2318.0	2315.3	2312.7	2312.7	2283.9	2215.8	2208.0	2179.2
27.5°	2257.7	2262.9	2278.6	2276.0	2278.6	2262.9	2257.7	2247.2	2174.0	2166.1	2145.2
30°	2208.0	2202.8	2189.7	2179.2	2189.7	2202.8	2208.0	2192.3	2119.0	2098.1	2103.3
32.5°	2124.3	2111.2	2098.1	2090.3	2098.1	2111.2	2124.3	2119.0	2064.1	2035.3	2040.6
35°	2024.9	2027.5	2024.9	2017.0	2024.9	2027.5	2024.9	2030.1	1996.1	1969.9	1967.3
37.5°	1954.2	1959.5	1956.8	1946.4	1956.8	1959.5	1954.2	1949.0	1901.9	1894.1	1899.3
40°	1881.0	1883.6	1881.0	1873.1	1881.0	1883.6	1881.0	1870.5	1805.1	1807.7	1826.0
42.5°	1810.3	1807.7	1799.9	1794.6	1799.9	1807.7	1810.3	1794.6	1710.9	1703.1	1737.1
45°	1729.2	1731.9	1716.2	1708.3	1716.2	1731.9	1729.2	1718.8	1632.4	1611.5	1635.1
47.5°	1648.1	1648.1	1635.1	1627.2	1635.1	1648.1	1648.1	1635.1	1543.5	1522.6	1535.7
50°	1561.8	1559.2	1540.9	1538.3	1540.9	1559.2	1561.8	1554.0	1457.2	1438.9	1438.9
52.5°	1462.4	1462.4	1465.0	1470.2	1465.0	1462.4	1462.4	1465.0	1378.7	1360.4	1355.1
55°	1376.1	1378.7	1397.0	1402.2	1397.0	1378.7	1376.1	1376.1	1297.6	1279.3	1268.8
57.5°	1287.1	1287.1	1300.2	1300.2	1300.2	1287.1	1287.1	1281.9	1206.0	1190.3	1185.1
60°	1185.1	1190.3	1200.8	1198.2	1200.8	1190.3	1185.1	1179.9	1114.5	1104.0	1085.7
62.5°	1077.8	1083.1	1085.7	1080.5	1085.7	1083.1	1077.8	1062.1	1022.9	1015.0	991.5
65°	965.3	970.6	973.2	968.0	973.2	970.6	965.3	957.5	928.7	915.6	894.7
67.5°	850.2	847.6	845.0	855.5	845.0	847.6	850.2	839.8	821.5	811.0	782.2
70°	732.5	732.5	729.9	735.1	729.9	732.5	732.5	724.7	714.2	706.3	680.2
72.5°	606.9	604.3	614.8	606.9	614.8	604.3	606.9	604.3	599.1	591.2	565.1
75°	484.0	489.2	484.0	491.8	484.0	489.2	484.0	486.6	484.0	478.7	460.4
77.5°	368.9	374.1	368.9	368.9	368.9	374.1	368.9	371.5	371.5	371.5	355.8
80°	261.6	259.0	259.0	256.4	259.0	259.0	261.6	261.6	264.2	259.0	253.8
82.5°	167.4	164.8	164.8	170.0	164.8	164.8	167.4	170.0	164.8	164.8	164.8
85°	91.6	94.2	88.9	88.9	88.9	94.2	91.6	86.3	91.6	91.6	88.9
87.5°	34.0	31.4	31.4	31.4	31.4	31.4	34.0	36.6	36.6	36.6	39.2
90°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1
92.5°	49.8	47.8	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5
95°	169.0	163.0	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9
97.5°	390.1	378.7	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6
100°	547.9	534.3	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3
102.5°	682.5	670.9	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1
105°	839.8	833.5	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5
107.5°	921.6	923.0	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0
110°	942.5	949.0	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	929.2	939.2	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0
115°	883.8	897.7	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8
117.5°	821.2	836.6	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5
120°	779.0	794.0	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5
122.5°	736.8	751.5	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5
125°	681.0	694.6	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0
127.5°	636.1	647.7	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0
130°	607.9	618.5	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5
132.5°	583.8	593.3	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0
135°	549.7	557.9	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6
137.5°	524.5	531.2	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9
140°	504.4	510.7	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2
142.5°	490.3	495.7	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5
145°	469.0	473.1	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5
147.5°	451.2	454.6	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1
150°	441.0	443.7	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5
152.5°	432.9	435.0	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3
155°	423.2	424.6	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2
157.5°	414.7	415.7	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2
160°	410.6	411.1	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0
162.5°	406.6	407.2	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0
165°	400.6	401.1	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3
167.5°	398.0	398.3	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1
170°	398.0	398.0	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0
172.5°	395.9	395.7	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6
177.5°	392.5	392.2	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2731.3	2744.4	2752.2	2762.7	2788.9
5°	2626.7	2676.4	2692.1	2731.3	2778.4
7.5°	2396.4	2548.2	2590.0	2684.2	2757.5
10°	2174.0	2325.8	2399.1	2621.4	2731.3
12.5°	2061.5	2150.4	2200.1	2511.5	2694.7
15°	1990.9	2053.6	2090.3	2365.0	2652.8
17.5°	1935.9	1980.4	2006.6	2221.1	2595.3
20°	1901.9	1922.8	1946.4	2116.4	2529.9
22.5°	1878.4	1865.3	1883.6	2043.2	2440.9
25°	1862.7	1813.0	1833.9	1985.6	2336.3
27.5°	1875.7	1765.9	1773.7	1933.3	2226.3
30°	1878.4	1708.3	1710.9	1878.4	2103.3
32.5°	1860.0	1648.1	1650.8	1810.3	1964.7
35°	1815.6	1577.5	1574.9	1731.9	1776.3
37.5°	1755.4	1501.6	1501.6	1645.5	1569.7
40°	1682.2	1425.8	1433.6	1533.0	1386.5
42.5°	1593.2	1344.7	1355.1	1383.9	1250.5
45°	1496.4	1266.2	1274.0	1169.4	1145.9
47.5°	1389.2	1185.1	1187.7	970.6	1111.8
50°	1261.0	1101.4	1090.9	831.9	1109.2
52.5°	1148.5	1009.8	978.4	753.4	1007.2
55°	1038.6	913.0	845.0	693.3	933.9
57.5°	941.8	787.4	722.0	622.6	918.3
60°	852.8	664.5	614.8	546.8	842.4
62.5°	779.6	572.9	562.5	494.4	763.9
65°	701.1	510.1	507.5	450.0	648.8
67.5°	625.2	468.3	465.7	408.1	494.4
70°	544.1	423.8	418.6	363.6	366.3
72.5°	460.4	374.1	368.9	327.0	303.5
75°	376.7	316.5	313.9	285.2	245.9
77.5°	295.6	251.1	256.4	230.2	180.5
80°	211.9	183.1	188.4	164.8	136.0
82.5°	141.3	120.3	125.6	104.6	91.6
85°	78.5	68.0	70.6	54.9	41.9
87.5°	36.6	31.4	31.4	20.9	13.1
90°	11.5	7.3	6.8	4.7	2.6
92.5°	71.1	50.6	46.1	28.3	10.5
95°	174.9	98.5	90.3	57.7	25.1
97.5°	235.6	108.2	101.1	72.3	43.5
100°	257.8	116.3	109.8	83.7	57.6
102.5°	267.9	124.4	118.3	94.0	69.7
105°	275.4	136.5	131.3	110.7	90.2
107.5°	276.8	154.4	149.6	130.3	111.1
110°	274.7	164.3	159.9	142.6	125.2



TEST NUMBER: P933926

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	274.8	176.3	172.2	155.7	139.2
115°	277.3	194.5	190.6	175.4	160.1
117.5°	282.5	212.0	208.5	194.6	180.8
120°	286.6	222.2	219.0	205.9	192.8
122.5°	292.7	234.2	230.9	217.8	204.7
125°	300.9	249.8	246.8	234.8	222.7
127.5°	309.0	264.7	261.6	249.5	237.4
130°	314.9	274.6	271.4	258.3	245.2
132.5°	319.7	282.7	279.5	266.4	253.4
135°	324.9	292.1	289.2	277.3	265.4
137.5°	332.8	304.2	301.2	289.5	277.7
140°	337.6	312.4	309.7	298.8	287.9
142.5°	341.6	318.4	315.9	305.8	295.8
145°	346.8	327.5	325.4	316.6	307.9
147.5°	354.5	339.0	337.0	328.4	319.9
150°	358.5	345.1	343.1	335.5	327.8
152.5°	361.1	349.0	347.5	341.8	335.9
155°	366.9	357.6	356.6	352.2	347.9
157.5°	372.7	366.3	365.3	361.0	356.8
160°	375.3	370.3	369.5	366.2	362.9
162.5°	378.1	374.5	373.8	371.4	369.0
165°	382.1	380.5	379.9	377.7	375.5
167.5°	385.3	383.9	383.6	382.6	381.5
170°	387.9	387.8	387.5	386.5	385.4
172.5°	388.1	388.1	388.0	387.8	387.5
175°	389.6	390.4	390.4	390.4	390.4
177.5°	389.8	390.4	390.4	390.4	390.4
180°	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P933926
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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	14.23	15.36	14.95	16.10	16.99	17.09	18.21	17.81	18.95	19.84
	3H	14.73	15.74	15.46	16.49	17.41	18.46	19.47	19.19	20.22	21.14
	4H	14.93	15.89	15.69	16.65	17.58	18.92	19.87	19.67	20.63	21.56
	6H	15.07	15.95	15.83	16.72	17.66	19.22	20.10	19.99	20.87	21.81
	8H	15.07	15.91	15.85	16.70	17.65	19.31	20.15	20.08	20.94	21.88
	12H	15.05	15.86	15.84	16.64	17.61	19.36	20.16	20.14	20.94	21.91
4H	2H	15.30	16.26	16.06	17.02	17.95	17.53	18.48	18.28	19.24	20.17
	3H	16.36	17.15	17.12	17.95	18.89	19.06	19.86	19.83	20.65	21.60
	4H	16.64	17.36	17.43	18.16	19.13	19.61	20.33	20.39	21.12	22.10
	6H	16.78	17.41	17.58	18.23	19.21	19.99	20.62	20.79	21.44	22.42
	8H	16.79	17.38	17.60	18.20	19.19	20.11	20.69	20.91	21.51	22.50
	12H	16.77	17.30	17.60	18.14	19.14	20.18	20.71	21.01	21.55	22.54
8H	4H	17.12	17.70	17.93	18.52	19.51	19.75	20.34	20.56	21.15	22.14
	6H	17.39	17.88	18.23	18.74	19.73	20.20	20.69	21.04	21.55	22.54
	8H	17.44	17.87	18.28	18.72	19.73	20.36	20.79	21.21	21.65	22.66
	12H	17.43	17.81	18.28	18.66	19.73	20.48	20.86	21.32	21.70	22.77
12H	4H	17.14	17.67	17.97	18.50	19.50	19.73	20.25	20.55	21.09	22.09
	6H	17.46	17.89	18.30	18.74	19.75	20.20	20.63	21.05	21.49	22.50
	8H	17.54	17.92	18.38	18.76	19.83	20.38	20.76	21.23	21.61	22.67