

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: P934472

Luminaire Tested: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934472
REPORT IS A COMBINATION OF REPORTS P933700 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

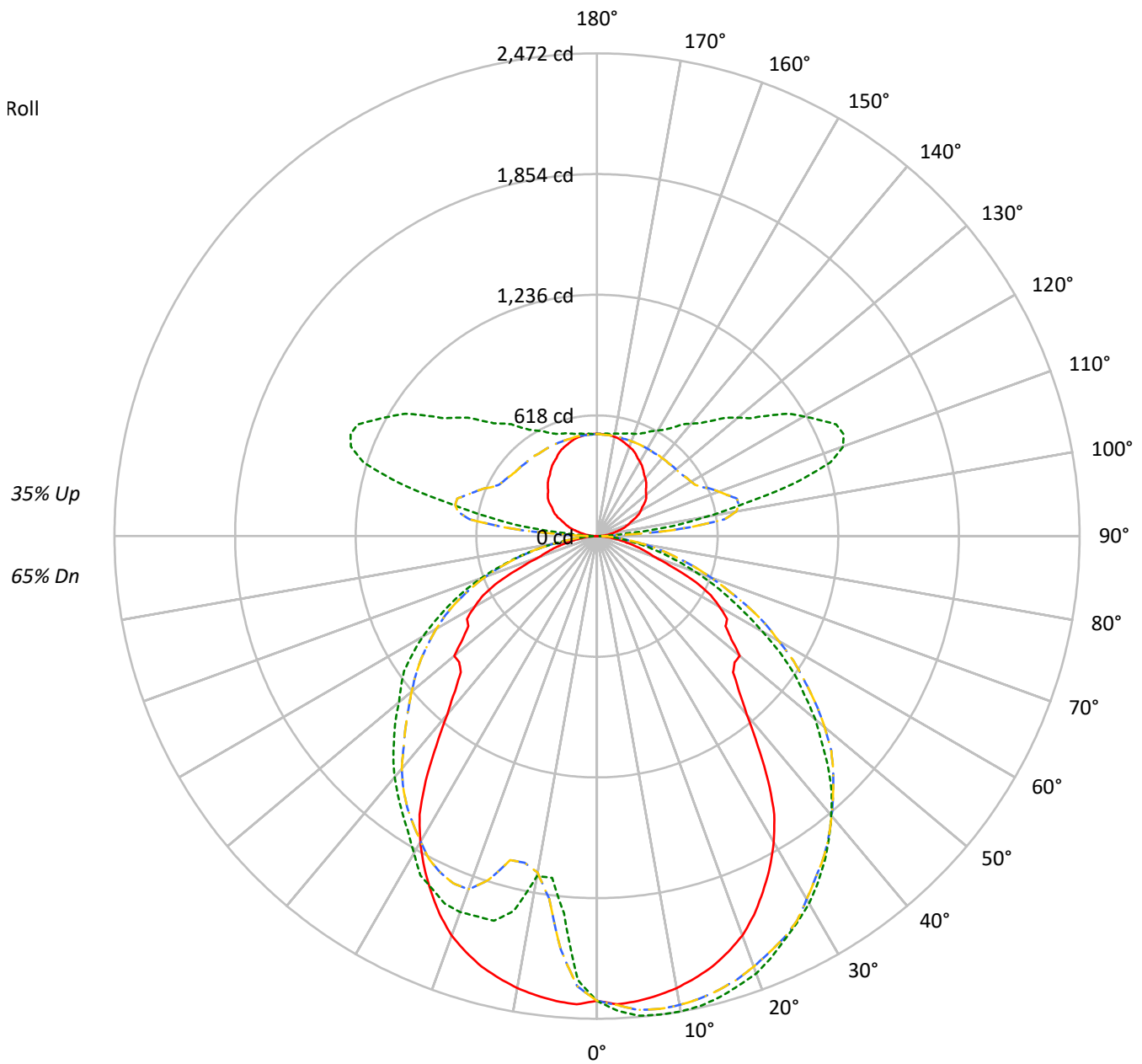
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9564.6 lumens
Efficiency: N/A
Efficacy: 105.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934472
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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				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	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	69	69	69	69
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	59	59	59	55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	50	50	50	46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	42	42	42	39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	36	36	36	33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	32	32	32	29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	28	28	28	25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	25	25	25	22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	22	22	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	20	20	20	18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11041	11041	11041	11041
5°	11124	11146	11124	8764
10°	11049	10979	11049	7849
15°	10929	10741	10929	8969
20°	10700	10459	10700	8988
25°	10233	10048	10233	8797
30°	9628	9707	9628	8379
35°	8583	9275	8583	7919
40°	7152	8767	7152	7572
45°	6390	8172	6390	7173
50°	6789	7463	6789	6772
55°	6388	6699	6388	6541
60°	6585	5690	6585	5991
65°	5969	4703	5969	5257
70°	4134	3748	4134	4407
75°	3624	2771	3624	3318
80°	2922	1831	2922	1995
85°	1677	971	1677	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9794 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.8	2.2
10°-20°	609.9	6.4
20°-30°	942.8	9.9
30°-40°	1125.5	11.8
40°-50°	1132.1	11.8
50°-60°	985.1	10.3
60°-70°	698.4	7.3
70°-80°	369.5	3.9
80°-90°	94.0	1.0
90°-100°	255.1	2.7
100°-110°	670.6	7.0
110°-120°	695.4	7.3
120°-130°	557.8	5.8
130°-140°	437.7	4.6
140°-150°	335.9	3.5
150°-160°	241.9	2.5
160°-170°	148.0	1.5
170°-180°	50.0	0.5
0°-30°	1767.5	18.5
0°-40°	2893.0	30.2
0°-60°	5010.2	52.4
0°-90°	6172.2	64.5
90°-120°	1621.1	16.9
90°-150°	2952.4	30.9
90°-180°	3392.0	35.5
0°-180°	9564.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2380	2380	2380	2380	2380	
5°	2391	2465	2391	1938	2391	227
15°	2283	2443	2283	2040	2283	642
25°	2010	2278	2010	1995	2010	923
35°	1529	2033	1529	1736	1529	946
45°	986	1675	986	1470	986	790
55°	804	1236	804	1207	804	739
65°	558	745	558	833	558	534
75°	212	354	212	423	212	222
85°	36	90	36	76	36	49
90°	4	13	4	13	4	4
95°	34	154	34	154	34	37
105°	121	1050	121	1050	121	128
115°	215	1352	215	1352	215	212
125°	298	1077	298	1077	298	265
135°	356	836	356	836	356	275
145°	413	678	413	678	413	259
155°	466	584	466	584	466	214
165°	503	544	503	544	503	142
175°	523	527	523	527	523	50
180°	523	523	523	523	523	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2400.0	2400.0	2413.5	2418.0	2418.0	2411.2	2404.5	2411.2	2431.5	2438.3	2436.0
5°	2391.0	2408.9	2433.7	2438.3	2442.8	2440.5	2436.0	2440.5	2463.0	2467.6	2469.8
7.5°	2373.0	2406.7	2438.3	2445.0	2451.8	2445.0	2442.8	2447.3	2469.8	2474.3	2474.3
10°	2350.4	2397.7	2433.7	2438.3	2445.0	2438.3	2438.3	2447.3	2469.8	2474.3	2476.5
12.5°	2318.9	2384.2	2418.0	2422.5	2431.5	2429.2	2427.0	2436.0	2458.5	2463.0	2463.0
15°	2282.9	2359.4	2391.0	2395.5	2411.2	2406.7	2406.7	2415.8	2440.5	2447.3	2445.0
17.5°	2233.3	2327.9	2364.0	2370.7	2381.9	2379.7	2381.9	2391.0	2413.5	2418.0	2420.3
20°	2177.1	2285.1	2327.9	2334.7	2346.0	2346.0	2346.0	2357.2	2379.7	2388.8	2388.8
22.5°	2100.5	2240.2	2285.1	2289.7	2303.1	2303.1	2307.6	2323.4	2343.7	2346.0	2346.0
25°	2010.5	2190.6	2228.8	2242.4	2255.9	2262.7	2269.4	2278.4	2285.1	2282.9	2285.1
27.5°	1915.9	2127.5	2177.1	2186.1	2204.1	2210.9	2219.9	2222.1	2224.4	2231.1	2226.6
30°	1810.1	2039.8	2114.1	2123.1	2152.3	2156.8	2147.8	2152.3	2163.6	2168.1	2172.6
32.5°	1690.8	1909.2	2048.8	2069.0	2096.0	2082.5	2080.2	2087.1	2105.0	2105.0	2109.6
35°	1528.7	1807.9	1988.0	2005.9	2026.2	2010.5	2019.5	2021.7	2033.0	2039.8	2037.5
37.5°	1350.8	1720.0	1924.9	1938.5	1954.2	1934.0	1947.4	1954.2	1963.2	1958.7	1958.7
40°	1193.2	1582.8	1850.6	1859.7	1873.1	1857.4	1870.9	1875.4	1879.9	1875.4	1873.1
42.5°	1076.2	1431.9	1771.8	1783.1	1774.1	1785.4	1789.9	1798.8	1792.1	1783.1	1783.1
45°	986.1	1391.3	1686.3	1699.8	1686.3	1704.3	1711.1	1711.1	1690.8	1686.3	1684.1
47.5°	956.9	1310.3	1600.7	1600.7	1594.0	1616.5	1627.7	1612.0	1591.7	1585.0	1585.0
50°	954.6	1220.2	1483.7	1474.6	1506.2	1533.2	1521.9	1506.2	1490.4	1465.6	1465.6
52.5°	866.8	1109.9	1332.8	1366.6	1416.1	1431.9	1413.9	1398.1	1371.1	1359.9	1350.8
55°	803.8	995.1	1195.5	1263.0	1314.8	1335.1	1301.3	1285.6	1245.0	1238.3	1233.8
57.5°	790.2	828.5	1069.4	1155.0	1218.0	1215.7	1195.5	1166.2	1132.5	1125.7	1123.4
60°	725.0	598.9	934.3	1035.6	1101.0	1094.1	1076.2	1049.2	1017.6	1013.1	1008.6
62.5°	657.4	434.5	781.2	896.0	988.3	986.1	970.3	929.8	907.3	896.0	887.0
65°	558.3	364.7	556.1	745.2	878.1	882.5	848.8	819.5	794.7	781.2	779.0
67.5°	425.5	297.2	376.0	621.4	772.3	767.7	725.0	711.4	679.9	673.2	659.6
70°	315.2	198.1	261.1	504.3	668.6	657.4	623.7	607.9	578.6	562.8	553.8
72.5°	261.1	159.8	191.4	391.7	562.8	549.4	520.1	502.1	477.3	463.7	454.8
75°	211.6	168.9	146.4	290.4	457.0	448.1	421.0	403.0	382.7	364.7	367.0
77.5°	155.3	157.6	117.1	213.9	362.4	349.0	333.2	310.7	301.7	283.7	283.7
80°	117.1	123.8	87.8	146.4	261.1	261.1	247.7	231.9	216.2	207.1	207.1
82.5°	78.8	78.8	65.3	92.3	177.9	171.1	162.1	157.6	148.6	144.1	144.1
85°	36.0	45.0	40.6	56.3	96.8	101.3	101.3	96.8	94.6	90.1	92.3
87.5°	11.2	20.3	24.8	31.5	49.5	51.8	54.0	54.0	54.0	56.3	56.3
90°	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8	13.4	13.4
92.5°	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6	66.7	64.1
95°	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5	226.5	218.5
97.5°	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8	523.0	507.6
100°	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1	734.3	716.1
102.5°	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8	914.9	899.3
105°	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6	1125.7	1117.2
107.5°	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6	1235.2	1237.3
110°	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6	1263.3	1272.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0	1245.4	1258.8
115°	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7	1184.6	1203.2
117.5°	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0	1100.7	1121.3
120°	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7	1044.1	1064.1
122.5°	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4	987.6	1007.4
125°	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6	912.8	931.1
127.5°	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1	852.8	868.1
130°	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9	814.8	829.0
132.5°	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5	782.5	795.2
135°	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7	736.8	747.8
137.5°	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0	703.2	712.1
140°	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1	676.1	684.4
142.5°	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5	657.1	664.4
145°	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4	628.7	634.1
147.5°	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4	604.7	609.3
150°	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3	591.1	594.8
152.5°	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0	580.2	583.0
155°	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3	567.2	569.1
157.5°	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8	555.9	557.2
160°	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1	550.3	551.1
162.5°	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7	545.1	545.8
165°	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2	537.0	537.8
167.5°	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1	533.5	533.9
170°	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1	533.5	533.5
172.5°	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2	530.7	530.5
175°	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6	526.8	526.8
177.5°	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3	526.1	525.8
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2440.5	2433.7	2440.5	2436.0	2438.3	2431.5	2411.2	2404.5	2411.2	2418.0	2418.0
5°	2469.8	2465.3	2469.8	2469.8	2467.6	2463.0	2440.5	2436.0	2440.5	2442.8	2438.3
7.5°	2478.8	2472.0	2478.8	2474.3	2474.3	2469.8	2447.3	2442.8	2445.0	2451.8	2445.0
10°	2478.8	2472.0	2478.8	2476.5	2474.3	2469.8	2447.3	2438.3	2438.3	2445.0	2438.3
12.5°	2467.6	2463.0	2467.6	2463.0	2463.0	2458.5	2436.0	2427.0	2429.2	2431.5	2422.5
15°	2449.5	2442.8	2449.5	2445.0	2447.3	2440.5	2415.8	2406.7	2406.7	2411.2	2395.5
17.5°	2422.5	2413.5	2422.5	2420.3	2418.0	2413.5	2391.0	2381.9	2379.7	2381.9	2370.7
20°	2391.0	2384.2	2391.0	2388.8	2388.8	2379.7	2357.2	2346.0	2346.0	2346.0	2334.7
22.5°	2341.5	2334.7	2341.5	2346.0	2346.0	2343.7	2323.4	2307.6	2303.1	2303.1	2289.7
25°	2285.1	2278.4	2285.1	2285.1	2282.9	2285.1	2278.4	2269.4	2262.7	2255.9	2242.4
27.5°	2231.1	2226.6	2231.1	2226.6	2231.1	2224.4	2222.1	2219.9	2210.9	2204.1	2186.1
30°	2177.1	2172.6	2177.1	2172.6	2168.1	2163.6	2152.3	2147.8	2156.8	2152.3	2123.1
32.5°	2109.6	2105.0	2109.6	2109.6	2105.0	2105.0	2087.1	2080.2	2082.5	2096.0	2069.0
35°	2039.8	2033.0	2039.8	2037.5	2039.8	2033.0	2021.7	2019.5	2010.5	2026.2	2005.9
37.5°	1958.7	1951.9	1958.7	1958.7	1958.7	1963.2	1954.2	1947.4	1934.0	1954.2	1938.5
40°	1875.4	1866.4	1875.4	1873.1	1875.4	1879.9	1875.4	1870.9	1857.4	1873.1	1859.7
42.5°	1780.9	1778.6	1780.9	1783.1	1783.1	1792.1	1798.8	1789.9	1785.4	1774.1	1783.1
45°	1679.5	1675.0	1679.5	1684.1	1686.3	1690.8	1711.1	1711.1	1704.3	1686.3	1699.8
47.5°	1571.4	1560.2	1571.4	1585.0	1585.0	1591.7	1612.0	1627.7	1616.5	1594.0	1600.7
50°	1456.7	1458.9	1456.7	1465.6	1465.6	1490.4	1506.2	1521.9	1533.2	1506.2	1474.6
52.5°	1344.1	1341.8	1344.1	1350.8	1359.9	1371.1	1398.1	1413.9	1431.9	1416.1	1366.6
55°	1231.5	1236.0	1231.5	1233.8	1238.3	1245.0	1285.6	1301.3	1335.1	1314.8	1263.0
57.5°	1118.9	1112.2	1118.9	1123.4	1125.7	1132.5	1166.2	1195.5	1215.7	1218.0	1155.0
60°	988.3	979.4	988.3	1008.6	1013.1	1017.6	1049.2	1076.2	1094.1	1101.0	1035.6
62.5°	873.6	857.8	873.6	887.0	896.0	907.3	929.8	970.3	986.1	988.3	896.0
65°	752.0	745.2	752.0	779.0	781.2	794.7	819.5	848.8	882.5	878.1	745.2
67.5°	641.6	641.6	641.6	659.6	673.2	679.9	711.4	725.0	767.7	772.3	621.4
70°	540.3	538.1	540.3	553.8	562.8	578.6	607.9	623.7	657.4	668.6	504.3
72.5°	443.6	441.3	443.6	454.8	463.7	477.3	502.1	520.1	549.4	562.8	391.7
75°	358.0	353.5	358.0	367.0	364.7	382.7	403.0	421.0	448.1	457.0	290.4
77.5°	274.7	274.7	274.7	283.7	283.7	301.7	310.7	333.2	349.0	362.4	213.9
80°	204.9	202.6	204.9	207.1	207.1	216.2	231.9	247.7	261.1	261.1	146.4
82.5°	144.1	139.6	144.1	144.1	144.1	148.6	157.6	162.1	171.1	177.9	92.3
85°	90.1	90.1	90.1	92.3	90.1	94.6	96.8	101.3	101.3	96.8	56.3
87.5°	58.5	56.3	58.5	56.3	56.3	54.0	54.0	54.0	51.8	49.5	31.5
90°	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9	15.4	9.8
92.5°	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0	95.3	67.8
95°	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0	234.5	132.1
97.5°	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6	315.8	145.0
100°	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2	345.5	155.9
102.5°	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4	359.0	166.8
105°	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4	369.2	183.0
107.5°	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8	371.0	206.9
110°	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5	368.2	220.2



TEST NUMBER: P934472

CATALOG NUMBER: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3	368.3	236.3
115°	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9	371.7	260.6
117.5°	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6	378.6	284.1
120°	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4	384.3	297.9
122.5°	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7	392.3	314.0
125°	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5	403.2	334.7
127.5°	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2	414.1	354.7
130°	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0	422.0	368.1
132.5°	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5	428.5	379.0
135°	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0	435.5	391.6
137.5°	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1	446.0	407.8
140°	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6	452.5	418.7
142.5°	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4	457.9	426.7
145°	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4	464.9	439.0
147.5°	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9	475.2	454.5
150°	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6	480.6	462.6
152.5°	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8	484.1	467.8
155°	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4	491.9	479.4
157.5°	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9	499.5	491.0
160°	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1	503.1	496.3
162.5°	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4	506.9	501.9
165°	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1	512.1	509.9
167.5°	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9	516.4	514.5
170°	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1	519.9	519.8
172.5°	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8	522.3	523.3
177.5°	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3	522.4	523.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934472

CATALOG NUMBER: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2413.5	2400.0	2400.0	2377.5	2368.5	2361.7	2350.4	2316.7	2307.6	2298.7	2312.2
5°	2433.7	2408.9	2391.0	2350.4	2316.7	2303.1	2260.4	2179.3	2125.3	2084.8	2062.3
7.5°	2438.3	2406.7	2373.0	2309.9	2228.8	2192.9	2062.3	1913.7	1873.1	1837.2	1814.6
10°	2433.7	2397.7	2350.4	2255.9	2064.5	2001.5	1870.9	1774.1	1749.3	1742.6	1749.3
12.5°	2418.0	2384.2	2318.9	2161.4	1893.4	1850.6	1774.1	1717.8	1713.3	1724.5	1785.4
15°	2391.0	2359.4	2282.9	2035.3	1798.8	1767.3	1713.3	1693.0	1717.8	1796.6	1978.9
17.5°	2364.0	2327.9	2233.3	1911.5	1726.8	1704.3	1666.0	1706.6	1846.1	1951.9	2012.8
20°	2327.9	2285.1	2177.1	1821.4	1675.0	1654.8	1636.8	1819.1	1924.9	1963.2	1997.0
22.5°	2285.1	2240.2	2100.5	1758.4	1621.0	1605.3	1616.5	1882.2	1924.9	1951.9	1981.2
25°	2228.8	2190.6	2010.5	1708.8	1578.2	1560.2	1603.0	1875.4	1900.1	1906.9	1965.5
27.5°	2177.1	2127.5	1915.9	1663.8	1526.4	1519.7	1614.3	1846.1	1864.2	1870.9	1934.0
30°	2114.1	2039.8	1810.1	1616.5	1472.4	1470.1	1616.5	1810.1	1805.6	1823.6	1886.7
32.5°	2048.8	1909.2	1690.8	1558.0	1420.6	1418.4	1600.7	1756.1	1751.5	1776.3	1823.6
35°	1988.0	1807.9	1528.7	1490.4	1355.4	1357.6	1562.5	1693.0	1695.3	1717.8	1747.1
37.5°	1924.9	1720.0	1350.8	1416.1	1292.3	1292.3	1510.7	1634.5	1630.0	1636.8	1677.2
40°	1850.6	1582.8	1193.2	1319.3	1233.8	1227.0	1447.6	1571.4	1555.7	1553.5	1609.8
42.5°	1771.8	1431.9	1076.2	1191.0	1166.2	1157.2	1371.1	1494.9	1465.6	1472.4	1544.4
45°	1686.3	1391.3	986.1	1006.4	1096.4	1089.7	1287.8	1407.1	1386.9	1404.9	1479.2
47.5°	1600.7	1310.3	956.9	835.3	1022.1	1019.8	1195.5	1321.5	1310.3	1328.4	1407.1
50°	1483.7	1220.2	954.6	715.9	938.8	947.8	1085.2	1238.3	1238.3	1254.1	1337.3
52.5°	1332.8	1109.9	866.8	648.4	842.0	869.0	988.3	1166.2	1170.7	1186.5	1260.8
55°	1195.5	995.1	803.8	596.7	727.2	785.7	893.8	1091.9	1101.0	1116.7	1184.2
57.5°	1069.4	828.5	790.2	535.8	621.4	677.7	810.5	1019.8	1024.4	1037.9	1103.2
60°	934.3	598.9	725.0	470.6	529.1	571.9	733.9	934.3	950.1	959.1	1015.4
62.5°	781.2	434.5	657.4	425.5	484.0	493.1	670.9	853.3	873.6	880.3	914.0
65°	556.1	364.7	558.3	387.2	436.7	439.0	603.4	770.0	788.0	799.3	824.0
67.5°	376.0	297.2	425.5	351.2	400.8	403.0	538.1	673.2	698.0	706.9	722.7
70°	261.1	198.1	315.2	312.9	360.2	364.7	468.3	585.3	607.9	614.6	623.7
72.5°	191.4	159.8	261.1	281.4	317.5	322.0	396.3	486.3	508.8	515.5	520.1
75°	146.4	168.9	211.6	245.4	270.2	272.4	324.2	396.3	412.0	416.5	418.8
77.5°	117.1	157.6	155.3	198.1	220.7	216.2	254.4	306.2	319.7	319.7	319.7
80°	87.8	123.8	117.1	141.9	162.1	157.6	182.3	218.4	222.9	227.4	225.1
82.5°	65.3	78.8	78.8	90.1	108.0	103.6	121.6	141.9	141.9	141.9	146.4
85°	40.6	45.0	36.0	47.3	60.7	58.5	67.6	76.5	78.8	78.8	74.3
87.5°	24.8	20.3	11.2	18.0	27.0	27.0	31.5	33.7	31.5	31.5	31.5
90°	9.1	6.3	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8
92.5°	61.9	37.9	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6
95°	121.2	77.4	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5
97.5°	135.4	96.8	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8
100°	147.1	112.2	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1
102.5°	158.6	126.1	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8
105°	176.1	148.4	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6
107.5°	200.4	174.7	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6
110°	214.4	191.1	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6



TEST NUMBER: P934472

CATALOG NUMBER: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	230.8	208.7	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0
115°	255.5	235.1	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7
117.5°	279.5	260.9	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0
120°	293.5	276.0	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7
122.5°	309.5	291.9	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4
125°	330.7	314.6	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6
127.5°	350.6	334.4	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1
130°	363.7	346.2	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9
132.5°	374.6	357.1	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5
135°	387.6	371.7	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7
137.5°	403.8	388.1	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0
140°	415.0	400.5	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1
142.5°	423.4	409.9	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5
145°	436.1	424.4	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4
147.5°	451.6	440.2	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4
150°	460.0	449.7	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3
152.5°	465.9	458.1	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0
155°	478.0	472.2	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3
157.5°	489.6	483.9	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8
160°	495.2	490.8	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1
162.5°	501.1	497.8	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7
165°	509.2	506.3	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2
167.5°	514.2	512.7	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1
170°	519.5	518.0	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1
172.5°	520.1	519.8	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2
175°	523.3	523.3	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6
177.5°	523.3	523.3	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934472

CATALOG NUMBER: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2296.4	2289.7	2298.7	2273.9	2298.7	2289.7	2296.4	2312.2	2298.7	2307.6	2316.7
5°	2015.0	2003.7	1967.7	1938.5	1967.7	2003.7	2015.0	2062.3	2084.8	2125.3	2179.3
7.5°	1801.1	1792.1	1783.1	1765.1	1783.1	1792.1	1801.1	1814.6	1837.2	1873.1	1913.7
10°	1753.8	1756.1	1769.6	1767.3	1769.6	1756.1	1753.8	1749.3	1742.6	1749.3	1774.1
12.5°	1875.4	1895.7	1970.0	1965.5	1970.0	1895.7	1875.4	1785.4	1724.5	1713.3	1717.8
15°	2015.0	2021.7	2037.5	2039.8	2037.5	2021.7	2015.0	1978.9	1796.6	1717.8	1693.0
17.5°	2028.5	2030.7	2042.0	2042.0	2042.0	2030.7	2028.5	2012.8	1951.9	1846.1	1706.6
20°	2017.3	2021.7	2044.3	2048.8	2044.3	2021.7	2017.3	1997.0	1963.2	1924.9	1819.1
22.5°	2012.8	2021.7	2039.8	2037.5	2039.8	2021.7	2012.8	1981.2	1951.9	1924.9	1882.2
25°	1990.2	1990.2	1992.5	1994.7	1992.5	1990.2	1990.2	1965.5	1906.9	1900.1	1875.4
27.5°	1943.0	1947.4	1961.0	1958.7	1961.0	1947.4	1943.0	1934.0	1870.9	1864.2	1846.1
30°	1900.1	1895.7	1884.4	1875.4	1884.4	1895.7	1900.1	1886.7	1823.6	1805.6	1810.1
32.5°	1828.1	1816.9	1805.6	1798.8	1805.6	1816.9	1828.1	1823.6	1776.3	1751.5	1756.1
35°	1742.6	1744.8	1742.6	1735.8	1742.6	1744.8	1742.6	1747.1	1717.8	1695.3	1693.0
37.5°	1681.8	1686.3	1684.1	1675.0	1684.1	1686.3	1681.8	1677.2	1636.8	1630.0	1634.5
40°	1618.7	1621.0	1618.7	1612.0	1618.7	1621.0	1618.7	1609.8	1553.5	1555.7	1571.4
42.5°	1558.0	1555.7	1548.9	1544.4	1548.9	1555.7	1558.0	1544.4	1472.4	1465.6	1494.9
45°	1488.2	1490.4	1476.9	1470.1	1476.9	1490.4	1488.2	1479.2	1404.9	1386.9	1407.1
47.5°	1418.4	1418.4	1407.1	1400.3	1407.1	1418.4	1418.4	1407.1	1328.4	1310.3	1321.5
50°	1344.1	1341.8	1326.1	1323.8	1326.1	1341.8	1344.1	1337.3	1254.1	1238.3	1238.3
52.5°	1258.5	1258.5	1260.8	1265.3	1260.8	1258.5	1258.5	1260.8	1186.5	1170.7	1166.2
55°	1184.2	1186.5	1202.3	1206.8	1202.3	1186.5	1184.2	1184.2	1116.7	1101.0	1091.9
57.5°	1107.7	1107.7	1118.9	1118.9	1118.9	1107.7	1107.7	1103.2	1037.9	1024.4	1019.8
60°	1019.8	1024.4	1033.4	1031.2	1033.4	1024.4	1019.8	1015.4	959.1	950.1	934.3
62.5°	927.6	932.1	934.3	929.8	934.3	932.1	927.6	914.0	880.3	873.6	853.3
65°	830.8	835.3	837.5	833.0	837.5	835.3	830.8	824.0	799.3	788.0	770.0
67.5°	731.7	729.5	727.2	736.2	727.2	729.5	731.7	722.7	706.9	698.0	673.2
70°	630.4	630.4	628.1	632.6	628.1	630.4	630.4	623.7	614.6	607.9	585.3
72.5°	522.4	520.1	529.1	522.4	529.1	520.1	522.4	520.1	515.5	508.8	486.3
75°	416.5	421.0	416.5	423.3	416.5	421.0	416.5	418.8	416.5	412.0	396.3
77.5°	317.5	322.0	317.5	317.5	317.5	322.0	317.5	319.7	319.7	319.7	306.2
80°	225.1	222.9	222.9	220.7	222.9	222.9	225.1	225.1	227.4	222.9	218.4
82.5°	144.1	141.9	141.9	146.4	141.9	141.9	144.1	146.4	141.9	141.9	141.9
85°	78.8	81.0	76.5	76.5	76.5	81.0	78.8	74.3	78.8	78.8	76.5
87.5°	29.3	27.0	27.0	27.0	27.0	27.0	29.3	31.5	31.5	31.5	33.7
90°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9
92.5°	66.7	64.1	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0
95°	226.5	218.5	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0
97.5°	523.0	507.6	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6
100°	734.3	716.1	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2
102.5°	914.9	899.3	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4
105°	1125.7	1117.2	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4
107.5°	1235.2	1237.3	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8
110°	1263.3	1272.0	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1245.4	1258.8	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3
115°	1184.6	1203.2	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9
117.5°	1100.7	1121.3	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6
120°	1044.1	1064.1	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4
122.5°	987.6	1007.4	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7
125°	912.8	931.1	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5
127.5°	852.8	868.1	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2
130°	814.8	829.0	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0
132.5°	782.5	795.2	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5
135°	736.8	747.8	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0
137.5°	703.2	712.1	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1
140°	676.1	684.4	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6
142.5°	657.1	664.4	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4
145°	628.7	634.1	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4
147.5°	604.7	609.3	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9
150°	591.1	594.8	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6
152.5°	580.2	583.0	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8
155°	567.2	569.1	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4
157.5°	555.9	557.2	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9
160°	550.3	551.1	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1
162.5°	545.1	545.8	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4
165°	537.0	537.8	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1
167.5°	533.5	533.9	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9
170°	533.5	533.5	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1
172.5°	530.7	530.5	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8
177.5°	526.1	525.8	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2350.4	2361.7	2368.5	2377.5	2400.0
5°	2260.4	2303.1	2316.7	2350.4	2391.0
7.5°	2062.3	2192.9	2228.8	2309.9	2373.0
10°	1870.9	2001.5	2064.5	2255.9	2350.4
12.5°	1774.1	1850.6	1893.4	2161.4	2318.9
15°	1713.3	1767.3	1798.8	2035.3	2282.9
17.5°	1666.0	1704.3	1726.8	1911.5	2233.3
20°	1636.8	1654.8	1675.0	1821.4	2177.1
22.5°	1616.5	1605.3	1621.0	1758.4	2100.5
25°	1603.0	1560.2	1578.2	1708.8	2010.5
27.5°	1614.3	1519.7	1526.4	1663.8	1915.9
30°	1616.5	1470.1	1472.4	1616.5	1810.1
32.5°	1600.7	1418.4	1420.6	1558.0	1690.8
35°	1562.5	1357.6	1355.4	1490.4	1528.7
37.5°	1510.7	1292.3	1292.3	1416.1	1350.8
40°	1447.6	1227.0	1233.8	1319.3	1193.2
42.5°	1371.1	1157.2	1166.2	1191.0	1076.2
45°	1287.8	1089.7	1096.4	1006.4	986.1
47.5°	1195.5	1019.8	1022.1	835.3	956.9
50°	1085.2	947.8	938.8	715.9	954.6
52.5°	988.3	869.0	842.0	648.4	866.8
55°	893.8	785.7	727.2	596.7	803.8
57.5°	810.5	677.7	621.4	535.8	790.2
60°	733.9	571.9	529.1	470.6	725.0
62.5°	670.9	493.1	484.0	425.5	657.4
65°	603.4	439.0	436.7	387.2	558.3
67.5°	538.1	403.0	400.8	351.2	425.5
70°	468.3	364.7	360.2	312.9	315.2
72.5°	396.3	322.0	317.5	281.4	261.1
75°	324.2	272.4	270.2	245.4	211.6
77.5°	254.4	216.2	220.7	198.1	155.3
80°	182.3	157.6	162.1	141.9	117.1
82.5°	121.6	103.6	108.0	90.1	78.8
85°	67.6	58.5	60.7	47.3	36.0
87.5°	31.5	27.0	27.0	18.0	11.2
90°	15.4	9.8	9.1	6.3	3.5
92.5°	95.3	67.8	61.9	37.9	14.1
95°	234.5	132.1	121.2	77.4	33.7
97.5°	315.8	145.0	135.4	96.8	58.3
100°	345.5	155.9	147.1	112.2	77.3
102.5°	359.0	166.8	158.6	126.1	93.5
105°	369.2	183.0	176.1	148.4	120.8
107.5°	371.0	206.9	200.4	174.7	148.9
110°	368.2	220.2	214.4	191.1	167.8



TEST NUMBER: P934472

CATALOG NUMBER: SQ4-FA-050U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	368.3	236.3	230.8	208.7	186.5
115°	371.7	260.6	255.5	235.1	214.6
117.5°	378.6	284.1	279.5	260.9	242.3
120°	384.3	297.9	293.5	276.0	258.5
122.5°	392.3	314.0	309.5	291.9	274.3
125°	403.2	334.7	330.7	314.6	298.5
127.5°	414.1	354.7	350.6	334.4	318.2
130°	422.0	368.1	363.7	346.2	328.7
132.5°	428.5	379.0	374.6	357.1	339.6
135°	435.5	391.6	387.6	371.7	355.8
137.5°	446.0	407.8	403.8	388.1	372.3
140°	452.5	418.7	415.0	400.5	386.0
142.5°	457.9	426.7	423.4	409.9	396.5
145°	464.9	439.0	436.1	424.4	412.7
147.5°	475.2	454.5	451.6	440.2	428.8
150°	480.6	462.6	460.0	449.7	439.4
152.5°	484.1	467.8	465.9	458.1	450.3
155°	491.9	479.4	478.0	472.2	466.4
157.5°	499.5	491.0	489.6	483.9	478.3
160°	503.1	496.3	495.2	490.8	486.4
162.5°	506.9	501.9	501.1	497.8	494.5
165°	512.1	509.9	509.2	506.3	503.3
167.5°	516.4	514.5	514.2	512.7	511.4
170°	519.9	519.8	519.5	518.0	516.7
172.5°	520.1	520.1	520.1	519.8	519.5
175°	522.3	523.3	523.3	523.3	523.3
177.5°	522.4	523.3	523.3	523.3	523.3
180°	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934472
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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	14.39	15.40	15.22	16.25	17.29	17.23	18.24	18.05	19.08	20.13
	3H	14.88	15.79	15.72	16.64	17.72	18.59	19.50	19.43	20.35	21.42
	4H	15.08	15.93	15.93	16.80	17.88	19.04	19.90	19.89	20.76	21.84
	6H	15.21	15.99	16.07	16.86	17.96	19.34	20.13	20.20	20.99	22.09
	8H	15.21	15.96	16.08	16.85	17.95	19.42	20.17	20.29	21.06	22.15
	12H	15.19	15.90	16.07	16.78	17.91	19.46	20.18	20.34	21.06	22.18
4H	2H	15.45	16.30	16.30	17.16	18.25	17.66	18.51	18.51	19.37	20.46
	3H	16.49	17.20	17.35	18.09	19.19	19.18	19.89	20.05	20.79	21.89
	4H	16.77	17.42	17.65	18.31	19.44	19.72	20.36	20.60	21.26	22.38
	6H	16.90	17.46	17.80	18.38	19.51	20.09	20.65	20.99	21.57	22.70
	8H	16.91	17.44	17.81	18.34	19.49	20.20	20.73	21.10	21.64	22.78
	12H	16.89	17.36	17.80	18.29	19.44	20.27	20.74	21.19	21.67	22.82
8H	4H	17.24	17.76	18.13	18.67	19.81	19.85	20.38	20.75	21.28	22.43
	6H	17.50	17.94	18.43	18.89	20.03	20.30	20.73	21.22	21.68	22.82
	8H	17.55	17.93	18.48	18.87	20.03	20.45	20.84	21.39	21.78	22.94
	12H	17.54	17.88	18.48	18.81	20.02	20.56	20.90	21.50	21.83	23.04
12H	4H	17.25	17.72	18.17	18.65	19.80	19.82	20.30	20.74	21.22	22.37
	6H	17.57	17.95	18.50	18.89	20.05	20.30	20.68	21.23	21.62	22.78
	8H	17.64	17.98	18.58	18.91	20.12	20.47	20.80	21.40	21.74	22.95