

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: P934349

Luminaire Tested: SQ4-FA-050U-075D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934349
REPORT IS A COMBINATION OF REPORTS P933693 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-075D-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

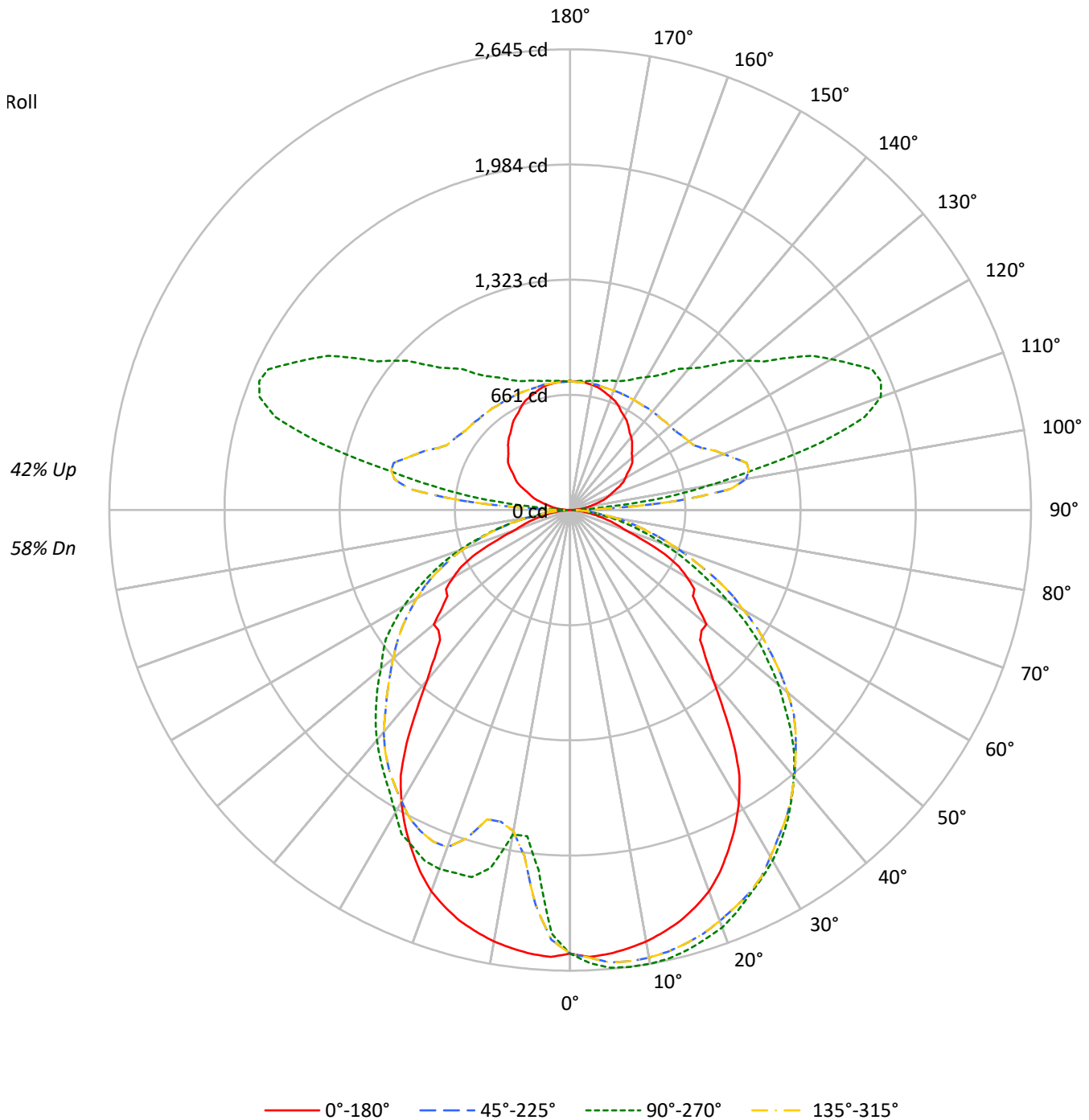
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11400.9 lumens
Efficiency: N/A
Efficacy: 104.4 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: General Diffuse

Input Watts (W): 109.2
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	0
RCR																		
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7876	7876	7876	7876
5°	7938	7951	7938	6251
10°	7888	7832	7888	5599
15°	7805	7662	7805	6398
20°	7645	7461	7645	6411
25°	7314	7168	7314	6276
30°	6884	6925	6884	5977
35°	6140	6617	6140	5649
40°	5120	6254	5120	5401
45°	4577	5830	4577	5117
50°	4867	5324	4867	4831
55°	4583	4778	4583	4665
60°	4730	4058	4730	4273
65°	4296	3355	4296	3750
70°	2982	2674	2982	3143
75°	2624	1976	2624	2367
80°	2131	1307	2131	1423
85°	1248	692	1248	588

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7011 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.9	2.0
10°-20°	652.6	5.7
20°-30°	1008.8	8.8
30°-40°	1204.3	10.6
40°-50°	1211.4	10.6
50°-60°	1054.0	9.2
60°-70°	747.3	6.6
70°-80°	395.4	3.5
80°-90°	101.3	0.9
90°-100°	360.6	3.2
100°-110°	948.1	8.3
110°-120°	983.1	8.6
120°-130°	788.5	6.9
130°-140°	618.7	5.4
140°-150°	474.9	4.2
150°-160°	342.0	3.0
160°-170°	209.3	1.8
170°-180°	70.7	0.6
0°-30°	1891.3	16.6
0°-40°	3095.6	27.2
0°-60°	5361.0	47.0
0°-90°	6605.0	57.9
90°-120°	2291.7	20.1
90°-150°	4173.9	36.6
90°-180°	4796.0	42.1
0°-180°	11400.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2546	2546	2546	2546	2546	
5°	2558	2638	2558	2074	2558	243
15°	2443	2614	2443	2183	2443	687
25°	2151	2438	2151	2134	2151	988
35°	1636	2175	1636	1857	1636	1012
45°	1055	1792	1055	1573	1055	845
55°	860	1322	860	1291	860	790
65°	597	797	597	891	597	571
75°	226	378	226	453	226	238
85°	38	96	38	82	38	52
90°	5	19	5	19	5	6
95°	48	218	48	218	48	53
105°	171	1485	171	1485	171	181
115°	303	1912	303	1912	303	300
125°	422	1522	422	1522	422	375
135°	503	1181	503	1181	503	389
145°	583	958	583	958	583	365
155°	659	825	659	825	659	303
165°	712	769	712	769	712	201
175°	740	745	740	745	740	70
180°	740	740	740	740	740	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4
2.5°	2568.1	2568.1	2582.5	2587.3	2587.3	2580.1	2572.9	2580.1	2601.8	2609.0	2606.6
5°	2558.4	2577.7	2604.2	2609.0	2613.8	2611.4	2606.6	2611.4	2635.5	2640.3	2642.8
7.5°	2539.2	2575.3	2609.0	2616.3	2623.5	2616.3	2613.8	2618.7	2642.8	2647.6	2647.6
10°	2515.1	2565.7	2604.2	2609.0	2616.3	2609.0	2609.0	2618.7	2642.8	2647.6	2650.0
12.5°	2481.4	2551.2	2587.3	2592.2	2601.8	2599.4	2597.0	2606.6	2630.7	2635.5	2635.5
15°	2442.8	2524.7	2558.4	2563.3	2580.1	2575.3	2575.3	2584.9	2611.4	2618.7	2616.3
17.5°	2389.8	2491.0	2529.5	2536.8	2548.8	2546.4	2548.8	2558.4	2582.5	2587.3	2589.8
20°	2329.6	2445.2	2491.0	2498.2	2510.3	2510.3	2510.3	2522.3	2546.4	2556.0	2556.0
22.5°	2247.7	2397.0	2445.2	2450.0	2464.5	2464.5	2469.3	2486.2	2507.8	2510.3	2510.3
25°	2151.3	2344.0	2385.0	2399.4	2413.9	2421.1	2428.4	2438.0	2445.2	2442.8	2445.2
27.5°	2050.1	2276.6	2329.6	2339.2	2358.5	2365.7	2375.4	2377.8	2380.2	2387.4	2382.6
30°	1936.8	2182.6	2262.1	2271.8	2303.1	2307.9	2298.3	2303.1	2315.1	2319.9	2324.8
32.5°	1809.2	2042.8	2192.3	2214.0	2242.9	2228.4	2226.0	2233.2	2252.5	2252.5	2257.3
35°	1635.7	1934.4	2127.2	2146.5	2168.2	2151.3	2161.0	2163.4	2175.4	2182.6	2180.2
37.5°	1445.4	1840.5	2059.7	2074.1	2091.0	2069.3	2083.8	2091.0	2100.6	2095.8	2095.8
40°	1276.8	1693.5	1980.2	1989.8	2004.3	1987.4	2001.9	2006.7	2011.5	2006.7	2004.3
42.5°	1151.5	1532.1	1895.9	1907.9	1898.3	1910.3	1915.2	1924.8	1917.6	1907.9	1907.9
45°	1055.1	1488.8	1804.3	1818.8	1804.3	1823.6	1830.8	1830.8	1809.2	1804.3	1801.9
47.5°	1023.8	1402.0	1712.8	1712.8	1705.6	1729.7	1741.7	1724.8	1703.2	1695.9	1695.9
50°	1021.4	1305.7	1587.5	1577.9	1611.6	1640.5	1628.5	1611.6	1594.8	1568.3	1568.3
52.5°	927.5	1187.6	1426.1	1462.3	1515.3	1532.1	1512.9	1496.0	1467.1	1455.0	1445.4
55°	860.0	1064.8	1279.2	1351.4	1406.9	1428.5	1392.4	1375.5	1332.2	1325.0	1320.1
57.5°	845.6	886.5	1144.3	1235.8	1303.3	1300.9	1279.2	1247.9	1211.7	1204.5	1202.1
60°	775.7	640.8	999.7	1108.1	1178.0	1170.8	1151.5	1122.6	1088.9	1084.0	1079.2
62.5°	703.4	464.9	835.9	958.8	1057.6	1055.1	1038.3	994.9	970.8	958.8	949.1
65°	597.4	390.3	595.0	797.4	939.5	944.3	908.2	876.9	850.4	835.9	833.5
67.5°	455.3	318.0	402.3	664.9	826.3	821.5	775.7	761.2	727.5	720.3	705.8
70°	337.3	212.0	279.4	539.6	715.5	703.4	667.3	650.4	619.1	602.2	592.6
72.5°	279.4	171.0	204.8	419.2	602.2	587.8	556.5	537.2	510.7	496.3	486.6
75°	226.4	180.7	156.6	310.8	489.0	479.4	450.5	431.2	409.5	390.3	392.7
77.5°	166.2	168.6	125.3	228.9	387.8	373.4	356.5	332.4	322.8	303.5	303.5
80°	125.3	132.5	94.0	156.6	279.4	279.4	265.0	248.1	231.3	221.6	221.6
82.5°	84.3	84.3	69.9	98.8	190.3	183.1	173.4	168.6	159.0	154.2	154.2
85°	38.5	48.2	43.4	60.2	103.6	108.4	108.4	103.6	101.2	96.4	98.8
87.5°	12.0	21.7	26.5	33.7	53.0	55.4	57.8	57.8	57.8	60.2	60.2
90°	5.0	8.9	12.9	13.9	21.8	32.4	37.7	33.6	25.1	18.9	18.9
92.5°	19.8	53.6	87.4	95.8	134.7	186.5	212.5	186.2	133.7	94.4	90.6
95°	47.7	109.4	171.3	186.7	331.5	524.6	621.1	554.2	420.5	320.2	308.8
97.5°	82.4	136.9	191.4	205.1	446.5	768.5	929.5	887.2	802.7	739.3	717.7
100°	109.2	158.7	208.1	220.4	488.4	845.6	1024.3	1027.4	1033.5	1038.2	1012.4
102.5°	132.1	178.2	224.3	235.8	507.6	870.0	1051.1	1104.9	1212.6	1293.4	1271.3
105°	170.8	209.8	248.8	258.6	521.8	872.7	1048.2	1168.8	1410.2	1591.3	1579.4
107.5°	210.5	246.9	283.4	292.5	524.5	833.9	988.6	1157.0	1493.7	1746.3	1749.2
110°	237.4	270.2	303.1	311.3	520.5	799.5	938.9	1127.2	1503.6	1786.0	1798.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	263.6	294.9	326.3	334.1	520.7	769.4	893.7	1086.4	1471.7	1760.7	1779.6
115°	303.4	332.3	361.2	368.4	525.5	734.9	839.6	1025.2	1396.3	1674.7	1701.1
117.5°	342.6	368.8	395.1	401.7	535.2	713.3	802.4	969.9	1304.8	1556.1	1585.2
120°	365.4	390.2	414.8	421.0	543.1	706.1	787.5	940.6	1246.6	1476.2	1504.5
122.5°	387.8	412.7	437.6	443.9	554.6	702.2	776.0	913.8	1189.5	1396.2	1424.1
125°	422.1	444.8	467.5	473.2	570.0	699.1	763.7	880.7	1114.8	1290.4	1316.2
127.5°	449.8	472.8	495.8	501.5	585.4	697.2	753.2	853.7	1054.7	1205.5	1227.3
130°	464.8	489.5	514.2	520.3	596.6	698.4	749.3	838.7	1017.7	1151.9	1172.0
132.5°	480.1	504.8	529.6	535.8	605.8	699.1	745.7	825.9	986.1	1106.2	1124.2
135°	503.0	525.5	548.0	553.6	615.7	698.4	739.8	806.9	941.1	1041.7	1057.2
137.5°	526.3	548.6	570.9	576.5	630.6	702.8	738.8	795.5	909.0	994.0	1006.7
140°	545.6	566.2	586.7	591.8	639.7	703.4	735.3	784.3	882.3	955.8	967.7
142.5°	560.6	579.5	598.6	603.3	647.3	706.0	735.3	778.3	864.4	929.0	939.2
145°	583.4	599.9	616.5	620.6	657.3	706.0	730.4	765.6	836.0	888.8	896.5
147.5°	606.3	622.3	638.5	642.5	671.8	710.9	730.4	758.1	813.5	855.0	861.5
150°	621.1	635.7	650.3	653.9	679.4	713.4	730.4	753.8	800.5	835.6	840.8
152.5°	636.5	647.5	658.6	661.4	684.4	715.1	730.4	750.4	790.3	820.3	824.2
155°	659.3	667.5	675.7	677.7	695.3	718.7	730.4	746.3	778.0	801.9	804.4
157.5°	676.3	684.2	692.1	694.1	706.2	722.4	730.4	742.8	767.4	786.0	787.8
160°	687.7	693.9	700.1	701.6	711.2	724.0	730.4	741.0	762.1	778.0	779.1
162.5°	699.1	703.7	708.4	709.5	716.5	725.8	730.4	739.3	757.1	770.6	771.5
165°	711.5	715.7	719.9	720.9	724.1	728.3	730.4	736.8	749.6	759.2	760.2
167.5°	722.9	724.9	726.9	727.4	730.0	733.5	735.3	739.5	747.9	754.2	754.7
170°	730.4	732.3	734.3	734.8	735.0	735.2	735.3	739.5	747.9	754.2	754.2
172.5°	734.3	734.7	735.2	735.3	735.3	735.3	735.3	738.6	745.3	750.2	749.8
175°	739.8	739.8	739.8	739.8	738.3	736.3	735.3	737.4	741.7	744.8	744.8
177.5°	739.8	739.8	739.8	739.8	738.7	737.2	736.4	738.0	741.3	743.8	743.3
180°	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4
2.5°	2611.4	2604.2	2611.4	2606.6	2609.0	2601.8	2580.1	2572.9	2580.1	2587.3	2587.3
5°	2642.8	2637.9	2642.8	2642.8	2640.3	2635.5	2611.4	2606.6	2611.4	2613.8	2609.0
7.5°	2652.4	2645.2	2652.4	2647.6	2647.6	2642.8	2618.7	2613.8	2616.3	2623.5	2616.3
10°	2652.4	2645.2	2652.4	2650.0	2647.6	2642.8	2618.7	2609.0	2609.0	2616.3	2609.0
12.5°	2640.3	2635.5	2640.3	2635.5	2635.5	2630.7	2606.6	2597.0	2599.4	2601.8	2592.2
15°	2621.1	2613.8	2621.1	2616.3	2618.7	2611.4	2584.9	2575.3	2575.3	2580.1	2563.3
17.5°	2592.2	2582.5	2592.2	2589.8	2587.3	2582.5	2558.4	2548.8	2546.4	2548.8	2536.8
20°	2558.4	2551.2	2558.4	2556.0	2556.0	2546.4	2522.3	2510.3	2510.3	2510.3	2498.2
22.5°	2505.4	2498.2	2505.4	2510.3	2510.3	2507.8	2486.2	2469.3	2464.5	2464.5	2450.0
25°	2445.2	2438.0	2445.2	2445.2	2442.8	2445.2	2438.0	2428.4	2421.1	2413.9	2399.4
27.5°	2387.4	2382.6	2387.4	2382.6	2387.4	2380.2	2377.8	2375.4	2365.7	2358.5	2339.2
30°	2329.6	2324.8	2329.6	2324.8	2319.9	2315.1	2303.1	2298.3	2307.9	2303.1	2271.8
32.5°	2257.3	2252.5	2257.3	2257.3	2252.5	2252.5	2233.2	2226.0	2228.4	2242.9	2214.0
35°	2182.6	2175.4	2182.6	2180.2	2182.6	2175.4	2163.4	2161.0	2151.3	2168.2	2146.5
37.5°	2095.8	2088.6	2095.8	2095.8	2095.8	2100.6	2091.0	2083.8	2069.3	2091.0	2074.1
40°	2006.7	1997.1	2006.7	2004.3	2006.7	2011.5	2006.7	2001.9	1987.4	2004.3	1989.8
42.5°	1905.5	1903.1	1905.5	1907.9	1907.9	1917.6	1924.8	1915.2	1910.3	1898.3	1907.9
45°	1797.1	1792.3	1797.1	1801.9	1804.3	1809.2	1830.8	1830.8	1823.6	1804.3	1818.8
47.5°	1681.5	1669.4	1681.5	1695.9	1695.9	1703.2	1724.8	1741.7	1729.7	1705.6	1712.8
50°	1558.6	1561.0	1558.6	1568.3	1568.3	1594.8	1611.6	1628.5	1640.5	1611.6	1577.9
52.5°	1438.2	1435.8	1438.2	1445.4	1455.0	1467.1	1496.0	1512.9	1532.1	1515.3	1462.3
55°	1317.7	1322.5	1317.7	1320.1	1325.0	1332.2	1375.5	1392.4	1428.5	1406.9	1351.4
57.5°	1197.3	1190.0	1197.3	1202.1	1204.5	1211.7	1247.9	1279.2	1300.9	1303.3	1235.8
60°	1057.6	1047.9	1057.6	1079.2	1084.0	1088.9	1122.6	1151.5	1170.8	1178.0	1108.1
62.5°	934.7	917.8	934.7	949.1	958.8	970.8	994.9	1038.3	1055.1	1057.6	958.8
65°	804.6	797.4	804.6	833.5	835.9	850.4	876.9	908.2	944.3	939.5	797.4
67.5°	686.6	686.6	686.6	705.8	720.3	727.5	761.2	775.7	821.5	826.3	664.9
70°	578.2	575.8	578.2	592.6	602.2	619.1	650.4	667.3	703.4	715.5	539.6
72.5°	474.6	472.2	474.6	486.6	496.3	510.7	537.2	556.5	587.8	602.2	419.2
75°	383.0	378.2	383.0	392.7	390.3	409.5	431.2	450.5	479.4	489.0	310.8
77.5°	293.9	293.9	293.9	303.5	303.5	322.8	332.4	356.5	373.4	387.8	228.9
80°	219.2	216.8	219.2	221.6	221.6	231.3	248.1	265.0	279.4	279.4	156.6
82.5°	154.2	149.4	154.2	154.2	154.2	159.0	168.6	173.4	183.1	190.3	98.8
85°	96.4	96.4	96.4	98.8	96.4	101.2	103.6	108.4	108.4	103.6	60.2
87.5°	62.6	60.2	62.6	60.2	60.2	57.8	57.8	57.8	55.4	53.0	33.7
90°	18.9	18.9	18.9	18.9	18.9	25.1	33.6	37.7	32.4	21.8	13.9
92.5°	75.6	60.5	75.6	90.6	94.4	133.7	186.2	212.5	186.5	134.7	95.8
95°	263.4	217.9	263.4	308.8	320.2	420.5	554.2	621.1	524.6	331.5	186.7
97.5°	631.2	544.7	631.2	717.7	739.3	802.7	887.2	929.5	768.5	446.5	205.1
100°	909.4	806.4	909.4	1012.4	1038.2	1033.5	1027.4	1024.3	845.6	488.4	220.4
102.5°	1183.1	1094.8	1183.1	1271.3	1293.4	1212.6	1104.9	1051.1	870.0	507.6	235.8
105°	1532.0	1484.6	1532.0	1579.4	1591.3	1410.2	1168.8	1048.2	872.7	521.8	258.6
107.5°	1760.6	1772.1	1760.6	1749.2	1746.3	1493.7	1157.0	988.6	833.9	524.5	292.5
110°	1847.7	1897.2	1847.7	1798.3	1786.0	1503.6	1127.2	938.9	799.5	520.5	311.3



TEST NUMBER: P934349

CATALOG NUMBER: SQ4-FA-050U-075D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1855.6	1931.5	1855.6	1779.6	1760.7	1471.7	1086.4	893.7	769.4	520.7	334.1
115°	1806.3	1911.6	1806.3	1701.1	1674.7	1396.3	1025.2	839.6	734.9	525.5	368.4
117.5°	1702.0	1818.7	1702.0	1585.2	1556.1	1304.8	969.9	802.4	713.3	535.2	401.7
120°	1618.0	1731.3	1618.0	1504.5	1476.2	1246.6	940.6	787.5	706.1	543.1	421.0
122.5°	1536.1	1647.9	1536.1	1424.1	1396.2	1189.5	913.8	776.0	702.2	554.6	443.9
125°	1419.2	1522.3	1419.2	1316.2	1290.4	1114.8	880.7	763.7	699.1	570.0	473.2
127.5°	1314.2	1401.2	1314.2	1227.3	1205.5	1054.7	853.7	753.2	697.2	585.4	501.5
130°	1252.4	1332.7	1252.4	1172.0	1151.9	1017.7	838.7	749.3	698.4	596.6	520.3
132.5°	1196.1	1268.1	1196.1	1124.2	1106.2	986.1	825.9	745.7	699.1	605.8	535.8
135°	1119.2	1181.2	1119.2	1057.2	1041.7	941.1	806.9	739.8	698.4	615.7	553.6
137.5°	1057.5	1108.2	1057.5	1006.7	994.0	909.0	795.5	738.8	702.8	630.6	576.5
140°	1015.1	1062.5	1015.1	967.7	955.8	882.3	784.3	735.3	703.4	639.7	591.8
142.5°	980.1	1020.9	980.1	939.2	929.0	864.4	778.3	735.3	706.0	647.3	603.3
145°	927.4	958.3	927.4	896.5	888.8	836.0	765.6	730.4	706.0	657.3	620.6
147.5°	887.0	912.6	887.0	861.5	855.0	813.5	758.1	730.4	710.9	671.8	642.5
150°	861.5	882.3	861.5	840.8	835.6	800.5	753.8	730.4	713.4	679.4	653.9
152.5°	839.9	855.5	839.9	824.2	820.3	790.3	750.4	730.4	715.1	684.4	661.4
155°	814.9	825.2	814.9	804.4	801.9	778.0	746.3	730.4	718.7	695.3	677.7
157.5°	795.1	802.4	795.1	787.8	786.0	767.4	742.8	730.4	722.4	706.2	694.1
160°	783.3	787.5	783.3	779.1	778.0	762.1	741.0	730.4	724.0	711.2	701.6
162.5°	775.5	779.6	775.5	771.5	770.6	757.1	739.3	730.4	725.8	716.5	709.5
165°	764.5	768.6	764.5	760.2	759.2	749.6	736.8	730.4	728.3	724.1	720.9
167.5°	756.4	758.2	756.4	754.7	754.2	747.9	739.5	735.3	733.5	730.0	727.4
170°	754.2	754.2	754.2	754.2	754.2	747.9	739.5	735.3	735.2	735.0	734.8
172.5°	748.3	746.8	748.3	749.8	750.2	745.3	738.6	735.3	735.3	735.3	735.3
175°	744.8	744.8	744.8	744.8	744.8	741.7	737.4	735.3	736.3	738.3	739.8
177.5°	741.6	739.8	741.6	743.3	743.8	741.3	738.0	736.4	737.2	738.7	739.8
180°	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8



TEST NUMBER: P934349

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4
2.5°	2582.5	2568.1	2568.1	2544.0	2534.3	2527.1	2515.1	2478.9	2469.3	2459.7	2474.1
5°	2604.2	2577.7	2558.4	2515.1	2478.9	2464.5	2418.7	2332.0	2274.2	2230.8	2206.7
7.5°	2609.0	2575.3	2539.2	2471.7	2385.0	2346.4	2206.7	2047.6	2004.3	1965.7	1941.7
10°	2604.2	2565.7	2515.1	2413.9	2209.1	2141.7	2001.9	1898.3	1871.8	1864.6	1871.8
12.5°	2587.3	2551.2	2481.4	2312.7	2026.0	1980.2	1898.3	1838.1	1833.2	1845.3	1910.3
15°	2558.4	2524.7	2442.8	2177.8	1924.8	1891.1	1833.2	1811.6	1838.1	1922.4	2117.5
17.5°	2529.5	2491.0	2389.8	2045.2	1847.7	1823.6	1782.7	1826.0	1975.4	2088.6	2153.7
20°	2491.0	2445.2	2329.6	1948.9	1792.3	1770.6	1751.3	1946.5	2059.7	2100.6	2136.9
22.5°	2445.2	2397.0	2247.7	1881.4	1734.5	1717.6	1729.7	2013.9	2059.7	2088.6	2119.9
25°	2385.0	2344.0	2151.3	1828.4	1688.7	1669.4	1715.2	2006.7	2033.2	2040.4	2103.1
27.5°	2329.6	2276.6	2050.1	1780.3	1633.3	1626.1	1727.3	1975.4	1994.7	2001.9	2069.3
30°	2262.1	2182.6	1936.8	1729.7	1575.5	1573.1	1729.7	1936.8	1932.0	1951.3	2018.7
32.5°	2192.3	2042.8	1809.2	1667.0	1520.1	1517.7	1712.8	1879.0	1874.2	1900.7	1951.3
35°	2127.2	1934.4	1635.7	1594.8	1450.2	1452.6	1671.8	1811.6	1814.0	1838.1	1869.4
37.5°	2059.7	1840.5	1445.4	1515.3	1382.8	1382.8	1616.4	1748.9	1744.1	1751.3	1794.7
40°	1980.2	1693.5	1276.8	1411.7	1320.1	1312.9	1549.0	1681.5	1664.6	1662.2	1722.4
42.5°	1895.9	1532.1	1151.5	1274.4	1247.9	1238.2	1467.1	1599.6	1568.3	1575.5	1652.6
45°	1804.3	1488.8	1055.1	1076.8	1173.2	1166.0	1377.9	1505.6	1483.9	1503.2	1582.7
47.5°	1712.8	1402.0	1023.8	893.7	1093.7	1091.3	1279.2	1414.1	1402.0	1421.3	1505.6
50°	1587.5	1305.7	1021.4	766.1	1004.6	1014.2	1161.1	1325.0	1325.0	1341.8	1430.9
52.5°	1426.1	1187.6	927.5	693.8	901.0	929.9	1057.6	1247.9	1252.7	1269.5	1349.0
55°	1279.2	1064.8	860.0	638.4	778.1	840.7	956.4	1168.4	1178.0	1194.9	1267.1
57.5°	1144.3	886.5	845.6	573.3	664.9	725.1	867.2	1091.3	1096.1	1110.5	1180.4
60°	999.7	640.8	775.7	503.5	566.1	611.9	785.3	999.7	1016.6	1026.2	1086.5
62.5°	835.9	464.9	703.4	455.3	517.9	527.6	717.9	913.0	934.7	941.9	978.1
65°	595.0	390.3	597.4	414.3	467.3	469.8	645.6	823.9	843.2	855.2	881.7
67.5°	402.3	318.0	455.3	375.8	428.8	431.2	575.8	720.3	746.8	756.4	773.3
70°	279.4	212.0	337.3	334.9	385.4	390.3	501.1	626.3	650.4	657.7	667.3
72.5°	204.8	171.0	279.4	301.1	339.7	344.5	424.0	520.3	544.4	551.7	556.5
75°	156.6	180.7	226.4	262.6	289.1	291.5	346.9	424.0	440.8	445.7	448.1
77.5°	125.3	168.6	166.2	212.0	236.1	231.3	272.2	327.6	342.1	342.1	342.1
80°	94.0	132.5	125.3	151.8	173.4	168.6	195.1	233.7	238.5	243.3	240.9
82.5°	69.9	84.3	84.3	96.4	115.6	110.8	130.1	151.8	151.8	151.8	156.6
85°	43.4	48.2	38.5	50.6	65.0	62.6	72.3	81.9	84.3	84.3	79.5
87.5°	26.5	21.7	12.0	19.3	28.9	28.9	33.7	36.1	33.7	33.7	33.7
90°	12.9	8.9	5.0	8.9	12.9	13.9	21.8	32.4	37.7	33.6	25.1
92.5°	87.4	53.6	19.8	53.6	87.4	95.8	134.7	186.5	212.5	186.2	133.7
95°	171.3	109.4	47.7	109.4	171.3	186.7	331.5	524.6	621.1	554.2	420.5
97.5°	191.4	136.9	82.4	136.9	191.4	205.1	446.5	768.5	929.5	887.2	802.7
100°	208.1	158.7	109.2	158.7	208.1	220.4	488.4	845.6	1024.3	1027.4	1033.5
102.5°	224.3	178.2	132.1	178.2	224.3	235.8	507.6	870.0	1051.1	1104.9	1212.6
105°	248.8	209.8	170.8	209.8	248.8	258.6	521.8	872.7	1048.2	1168.8	1410.2
107.5°	283.4	246.9	210.5	246.9	283.4	292.5	524.5	833.9	988.6	1157.0	1493.7
110°	303.1	270.2	237.4	270.2	303.1	311.3	520.5	799.5	938.9	1127.2	1503.6



TEST NUMBER: P934349

CATALOG NUMBER: SQ4-FA-050U-075D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	326.3	294.9	263.6	294.9	326.3	334.1	520.7	769.4	893.7	1086.4	1471.7
115°	361.2	332.3	303.4	332.3	361.2	368.4	525.5	734.9	839.6	1025.2	1396.3
117.5°	395.1	368.8	342.6	368.8	395.1	401.7	535.2	713.3	802.4	969.9	1304.8
120°	414.8	390.2	365.4	390.2	414.8	421.0	543.1	706.1	787.5	940.6	1246.6
122.5°	437.6	412.7	387.8	412.7	437.6	443.9	554.6	702.2	776.0	913.8	1189.5
125°	467.5	444.8	422.1	444.8	467.5	473.2	570.0	699.1	763.7	880.7	1114.8
127.5°	495.8	472.8	449.8	472.8	495.8	501.5	585.4	697.2	753.2	853.7	1054.7
130°	514.2	489.5	464.8	489.5	514.2	520.3	596.6	698.4	749.3	838.7	1017.7
132.5°	529.6	504.8	480.1	504.8	529.6	535.8	605.8	699.1	745.7	825.9	986.1
135°	548.0	525.5	503.0	525.5	548.0	553.6	615.7	698.4	739.8	806.9	941.1
137.5°	570.9	548.6	526.3	548.6	570.9	576.5	630.6	702.8	738.8	795.5	909.0
140°	586.7	566.2	545.6	566.2	586.7	591.8	639.7	703.4	735.3	784.3	882.3
142.5°	598.6	579.5	560.6	579.5	598.6	603.3	647.3	706.0	735.3	778.3	864.4
145°	616.5	599.9	583.4	599.9	616.5	620.6	657.3	706.0	730.4	765.6	836.0
147.5°	638.5	622.3	606.3	622.3	638.5	642.5	671.8	710.9	730.4	758.1	813.5
150°	650.3	635.7	621.1	635.7	650.3	653.9	679.4	713.4	730.4	753.8	800.5
152.5°	658.6	647.5	636.5	647.5	658.6	661.4	684.4	715.1	730.4	750.4	790.3
155°	675.7	667.5	659.3	667.5	675.7	677.7	695.3	718.7	730.4	746.3	778.0
157.5°	692.1	684.2	676.3	684.2	692.1	694.1	706.2	722.4	730.4	742.8	767.4
160°	700.1	693.9	687.7	693.9	700.1	701.6	711.2	724.0	730.4	741.0	762.1
162.5°	708.4	703.7	699.1	703.7	708.4	709.5	716.5	725.8	730.4	739.3	757.1
165°	719.9	715.7	711.5	715.7	719.9	720.9	724.1	728.3	730.4	736.8	749.6
167.5°	726.9	724.9	722.9	724.9	726.9	727.4	730.0	733.5	735.3	739.5	747.9
170°	734.3	732.3	730.4	732.3	734.3	734.8	735.0	735.2	735.3	739.5	747.9
172.5°	735.2	734.7	734.3	734.7	735.2	735.3	735.3	735.3	735.3	738.6	745.3
175°	739.8	739.8	739.8	739.8	739.8	739.8	738.3	736.3	735.3	737.4	741.7
177.5°	739.8	739.8	739.8	739.8	739.8	739.8	738.7	737.2	736.4	738.0	741.3
180°	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8



TEST NUMBER: P934349

CATALOG NUMBER: SQ4-FA-050U-075D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4	2546.4
2.5°	2457.3	2450.0	2459.7	2433.2	2459.7	2450.0	2457.3	2474.1	2459.7	2469.3	2478.9
5°	2156.1	2144.1	2105.5	2074.1	2105.5	2144.1	2156.1	2206.7	2230.8	2274.2	2332.0
7.5°	1927.2	1917.6	1907.9	1888.7	1907.9	1917.6	1927.2	1941.7	1965.7	2004.3	2047.6
10°	1876.6	1879.0	1893.5	1891.1	1893.5	1879.0	1876.6	1871.8	1864.6	1871.8	1898.3
12.5°	2006.7	2028.4	2107.9	2103.1	2107.9	2028.4	2006.7	1910.3	1845.3	1833.2	1838.1
15°	2156.1	2163.4	2180.2	2182.6	2180.2	2163.4	2156.1	2117.5	1922.4	1838.1	1811.6
17.5°	2170.6	2173.0	2185.0	2185.0	2185.0	2173.0	2170.6	2153.7	2088.6	1975.4	1826.0
20°	2158.5	2163.4	2187.5	2192.3	2187.5	2163.4	2158.5	2136.9	2100.6	2059.7	1946.5
22.5°	2153.7	2163.4	2182.6	2180.2	2182.6	2163.4	2153.7	2119.9	2088.6	2059.7	2013.9
25°	2129.6	2129.6	2132.0	2134.5	2132.0	2129.6	2129.6	2103.1	2040.4	2033.2	2006.7
27.5°	2079.0	2083.8	2098.2	2095.8	2098.2	2083.8	2079.0	2069.3	2001.9	1994.7	1975.4
30°	2033.2	2028.4	2016.3	2006.7	2016.3	2028.4	2033.2	2018.7	1951.3	1932.0	1936.8
32.5°	1956.1	1944.1	1932.0	1924.8	1932.0	1944.1	1956.1	1951.3	1900.7	1874.2	1879.0
35°	1864.6	1867.0	1864.6	1857.3	1864.6	1867.0	1864.6	1869.4	1838.1	1814.0	1811.6
37.5°	1799.5	1804.3	1801.9	1792.3	1801.9	1804.3	1799.5	1794.7	1751.3	1744.1	1748.9
40°	1732.1	1734.5	1732.1	1724.8	1732.1	1734.5	1732.1	1722.4	1662.2	1664.6	1681.5
42.5°	1667.0	1664.6	1657.4	1652.6	1657.4	1664.6	1667.0	1652.6	1575.5	1568.3	1599.6
45°	1592.3	1594.8	1580.3	1573.1	1580.3	1594.8	1592.3	1582.7	1503.2	1483.9	1505.6
47.5°	1517.7	1517.7	1505.6	1498.4	1505.6	1517.7	1517.7	1505.6	1421.3	1402.0	1414.1
50°	1438.2	1435.8	1418.9	1416.5	1418.9	1435.8	1438.2	1430.9	1341.8	1325.0	1325.0
52.5°	1346.6	1346.6	1349.0	1353.9	1349.0	1346.6	1346.6	1349.0	1269.5	1252.7	1247.9
55°	1267.1	1269.5	1286.4	1291.2	1286.4	1269.5	1267.1	1267.1	1194.9	1178.0	1168.4
57.5°	1185.2	1185.2	1197.3	1197.3	1197.3	1185.2	1185.2	1180.4	1110.5	1096.1	1091.3
60°	1091.3	1096.1	1105.7	1103.3	1105.7	1096.1	1091.3	1086.5	1026.2	1016.6	999.7
62.5°	992.5	997.3	999.7	994.9	999.7	997.3	992.5	978.1	941.9	934.7	913.0
65°	888.9	893.7	896.1	891.3	896.1	893.7	888.9	881.7	855.2	843.2	823.9
67.5°	782.9	780.5	778.1	787.7	778.1	780.5	782.9	773.3	756.4	746.8	720.3
70°	674.5	674.5	672.1	676.9	672.1	674.5	674.5	667.3	657.7	650.4	626.3
72.5°	558.9	556.5	566.1	558.9	566.1	556.5	558.9	556.5	551.7	544.4	520.3
75°	445.7	450.5	445.7	452.9	445.7	450.5	445.7	448.1	445.7	440.8	424.0
77.5°	339.7	344.5	339.7	339.7	339.7	344.5	339.7	342.1	342.1	342.1	327.6
80°	240.9	238.5	238.5	236.1	238.5	238.5	240.9	240.9	243.3	238.5	233.7
82.5°	154.2	151.8	151.8	156.6	151.8	151.8	154.2	156.6	151.8	151.8	151.8
85°	84.3	86.7	81.9	81.9	81.9	86.7	84.3	79.5	84.3	84.3	81.9
87.5°	31.3	28.9	28.9	28.9	28.9	28.9	31.3	33.7	33.7	33.7	36.1
90°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	25.1	33.6	37.7	32.4
92.5°	94.4	90.6	75.6	60.5	75.6	90.6	94.4	133.7	186.2	212.5	186.5
95°	320.2	308.8	263.4	217.9	263.4	308.8	320.2	420.5	554.2	621.1	524.6
97.5°	739.3	717.7	631.2	544.7	631.2	717.7	739.3	802.7	887.2	929.5	768.5
100°	1038.2	1012.4	909.4	806.4	909.4	1012.4	1038.2	1033.5	1027.4	1024.3	845.6
102.5°	1293.4	1271.3	1183.1	1094.8	1183.1	1271.3	1293.4	1212.6	1104.9	1051.1	870.0
105°	1591.3	1579.4	1532.0	1484.6	1532.0	1579.4	1591.3	1410.2	1168.8	1048.2	872.7
107.5°	1746.3	1749.2	1760.6	1772.1	1760.6	1749.2	1746.3	1493.7	1157.0	988.6	833.9
110°	1786.0	1798.3	1847.7	1897.2	1847.7	1798.3	1786.0	1503.6	1127.2	938.9	799.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1760.7	1779.6	1855.6	1931.5	1855.6	1779.6	1760.7	1471.7	1086.4	893.7	769.4
115°	1674.7	1701.1	1806.3	1911.6	1806.3	1701.1	1674.7	1396.3	1025.2	839.6	734.9
117.5°	1556.1	1585.2	1702.0	1818.7	1702.0	1585.2	1556.1	1304.8	969.9	802.4	713.3
120°	1476.2	1504.5	1618.0	1731.3	1618.0	1504.5	1476.2	1246.6	940.6	787.5	706.1
122.5°	1396.2	1424.1	1536.1	1647.9	1536.1	1424.1	1396.2	1189.5	913.8	776.0	702.2
125°	1290.4	1316.2	1419.2	1522.3	1419.2	1316.2	1290.4	1114.8	880.7	763.7	699.1
127.5°	1205.5	1227.3	1314.2	1401.2	1314.2	1227.3	1205.5	1054.7	853.7	753.2	697.2
130°	1151.9	1172.0	1252.4	1332.7	1252.4	1172.0	1151.9	1017.7	838.7	749.3	698.4
132.5°	1106.2	1124.2	1196.1	1268.1	1196.1	1124.2	1106.2	986.1	825.9	745.7	699.1
135°	1041.7	1057.2	1119.2	1181.2	1119.2	1057.2	1041.7	941.1	806.9	739.8	698.4
137.5°	994.0	1006.7	1057.5	1108.2	1057.5	1006.7	994.0	909.0	795.5	738.8	702.8
140°	955.8	967.7	1015.1	1062.5	1015.1	967.7	955.8	882.3	784.3	735.3	703.4
142.5°	929.0	939.2	980.1	1020.9	980.1	939.2	929.0	864.4	778.3	735.3	706.0
145°	888.8	896.5	927.4	958.3	927.4	896.5	888.8	836.0	765.6	730.4	706.0
147.5°	855.0	861.5	887.0	912.6	887.0	861.5	855.0	813.5	758.1	730.4	710.9
150°	835.6	840.8	861.5	882.3	861.5	840.8	835.6	800.5	753.8	730.4	713.4
152.5°	820.3	824.2	839.9	855.5	839.9	824.2	820.3	790.3	750.4	730.4	715.1
155°	801.9	804.4	814.9	825.2	814.9	804.4	801.9	778.0	746.3	730.4	718.7
157.5°	786.0	787.8	795.1	802.4	795.1	787.8	786.0	767.4	742.8	730.4	722.4
160°	778.0	779.1	783.3	787.5	783.3	779.1	778.0	762.1	741.0	730.4	724.0
162.5°	770.6	771.5	775.5	779.6	775.5	771.5	770.6	757.1	739.3	730.4	725.8
165°	759.2	760.2	764.5	768.6	764.5	760.2	759.2	749.6	736.8	730.4	728.3
167.5°	754.2	754.7	756.4	758.2	756.4	754.7	754.2	747.9	739.5	735.3	733.5
170°	754.2	754.2	754.2	754.2	754.2	754.2	754.2	747.9	739.5	735.3	735.2
172.5°	750.2	749.8	748.3	746.8	748.3	749.8	750.2	745.3	738.6	735.3	735.3
175°	744.8	744.8	744.8	744.8	744.8	744.8	744.8	741.7	737.4	735.3	736.3
177.5°	743.8	743.3	741.6	739.8	741.6	743.3	743.8	741.3	738.0	736.4	737.2
180°	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8	739.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2546.4	2546.4	2546.4	2546.4	2546.4
2.5°	2515.1	2527.1	2534.3	2544.0	2568.1
5°	2418.7	2464.5	2478.9	2515.1	2558.4
7.5°	2206.7	2346.4	2385.0	2471.7	2539.2
10°	2001.9	2141.7	2209.1	2413.9	2515.1
12.5°	1898.3	1980.2	2026.0	2312.7	2481.4
15°	1833.2	1891.1	1924.8	2177.8	2442.8
17.5°	1782.7	1823.6	1847.7	2045.2	2389.8
20°	1751.3	1770.6	1792.3	1948.9	2329.6
22.5°	1729.7	1717.6	1734.5	1881.4	2247.7
25°	1715.2	1669.4	1688.7	1828.4	2151.3
27.5°	1727.3	1626.1	1633.3	1780.3	2050.1
30°	1729.7	1573.1	1575.5	1729.7	1936.8
32.5°	1712.8	1517.7	1520.1	1667.0	1809.2
35°	1671.8	1452.6	1450.2	1594.8	1635.7
37.5°	1616.4	1382.8	1382.8	1515.3	1445.4
40°	1549.0	1312.9	1320.1	1411.7	1276.8
42.5°	1467.1	1238.2	1247.9	1274.4	1151.5
45°	1377.9	1166.0	1173.2	1076.8	1055.1
47.5°	1279.2	1091.3	1093.7	893.7	1023.8
50°	1161.1	1014.2	1004.6	766.1	1021.4
52.5°	1057.6	929.9	901.0	693.8	927.5
55°	956.4	840.7	778.1	638.4	860.0
57.5°	867.2	725.1	664.9	573.3	845.6
60°	785.3	611.9	566.1	503.5	775.7
62.5°	717.9	527.6	517.9	455.3	703.4
65°	645.6	469.8	467.3	414.3	597.4
67.5°	575.8	431.2	428.8	375.8	455.3
70°	501.1	390.3	385.4	334.9	337.3
72.5°	424.0	344.5	339.7	301.1	279.4
75°	346.9	291.5	289.1	262.6	226.4
77.5°	272.2	231.3	236.1	212.0	166.2
80°	195.1	168.6	173.4	151.8	125.3
82.5°	130.1	110.8	115.6	96.4	84.3
85°	72.3	62.6	65.0	50.6	38.5
87.5°	33.7	28.9	28.9	19.3	12.0
90°	21.8	13.9	12.9	8.9	5.0
92.5°	134.7	95.8	87.4	53.6	19.8
95°	331.5	186.7	171.3	109.4	47.7
97.5°	446.5	205.1	191.4	136.9	82.4
100°	488.4	220.4	208.1	158.7	109.2
102.5°	507.6	235.8	224.3	178.2	132.1
105°	521.8	258.6	248.8	209.8	170.8
107.5°	524.5	292.5	283.4	246.9	210.5
110°	520.5	311.3	303.1	270.2	237.4



TEST NUMBER: P934349

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	520.7	334.1	326.3	294.9	263.6
115°	525.5	368.4	361.2	332.3	303.4
117.5°	535.2	401.7	395.1	368.8	342.6
120°	543.1	421.0	414.8	390.2	365.4
122.5°	554.6	443.9	437.6	412.7	387.8
125°	570.0	473.2	467.5	444.8	422.1
127.5°	585.4	501.5	495.8	472.8	449.8
130°	596.6	520.3	514.2	489.5	464.8
132.5°	605.8	535.8	529.6	504.8	480.1
135°	615.7	553.6	548.0	525.5	503.0
137.5°	630.6	576.5	570.9	548.6	526.3
140°	639.7	591.8	586.7	566.2	545.6
142.5°	647.3	603.3	598.6	579.5	560.6
145°	657.3	620.6	616.5	599.9	583.4
147.5°	671.8	642.5	638.5	622.3	606.3
150°	679.4	653.9	650.3	635.7	621.1
152.5°	684.4	661.4	658.6	647.5	636.5
155°	695.3	677.7	675.7	667.5	659.3
157.5°	706.2	694.1	692.1	684.2	676.3
160°	711.2	701.6	700.1	693.9	687.7
162.5°	716.5	709.5	708.4	703.7	699.1
165°	724.1	720.9	719.9	715.7	711.5
167.5°	730.0	727.4	726.9	724.9	722.9
170°	735.0	734.8	734.3	732.3	730.4
172.5°	735.3	735.3	735.2	734.7	734.3
175°	738.3	739.8	739.8	739.8	739.8
177.5°	738.7	739.8	739.8	739.8	739.8
180°	739.8	739.8	739.8	739.8	739.8



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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	12.68	13.62	13.57	14.53	15.68	15.54	16.47	16.42	17.38	18.53
	3H	13.17	14.01	14.07	14.92	16.10	16.89	17.73	17.79	18.65	19.83
	4H	13.36	14.16	14.28	15.08	16.27	17.35	18.14	18.26	19.06	20.25
	6H	13.48	14.22	14.41	15.14	16.35	17.64	18.37	18.57	19.30	20.50
	8H	13.49	14.18	14.42	15.13	16.33	17.72	18.42	18.65	19.36	20.56
	12H	13.46	14.13	14.40	15.06	16.29	17.76	18.43	18.70	19.37	20.59
4H	2H	13.73	14.53	14.65	15.45	16.63	15.95	16.75	16.87	17.67	18.86
	3H	14.77	15.43	15.70	16.38	17.58	17.47	18.13	18.40	19.09	20.29
	4H	15.05	15.65	15.99	16.60	17.82	18.01	18.61	18.95	19.56	20.79
	6H	15.17	15.69	16.13	16.67	17.89	18.38	18.90	19.34	19.88	21.10
	8H	15.18	15.67	16.14	16.63	17.87	18.50	18.98	19.45	19.95	21.19
	12H	15.15	15.59	16.13	16.57	17.82	18.56	19.00	19.53	19.98	21.23
8H	4H	15.51	15.99	16.46	16.96	18.20	18.14	18.62	19.09	19.59	20.83
	6H	15.77	16.18	16.75	17.18	18.42	18.58	18.99	19.57	19.99	21.23
	8H	15.82	16.17	16.81	17.17	18.43	18.74	19.10	19.73	20.09	21.35
	12H	15.80	16.12	16.80	17.11	18.41	18.85	19.16	19.84	20.15	21.45
12H	4H	15.52	15.96	16.49	16.94	18.19	18.11	18.54	19.08	19.53	20.77
	6H	15.84	16.19	16.83	17.19	18.44	18.58	18.94	19.57	19.93	21.19
	8H	15.91	16.22	16.90	17.21	18.51	18.75	19.06	19.74	20.05	21.36