

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: P934329

Luminaire Tested: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934329
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-92765-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

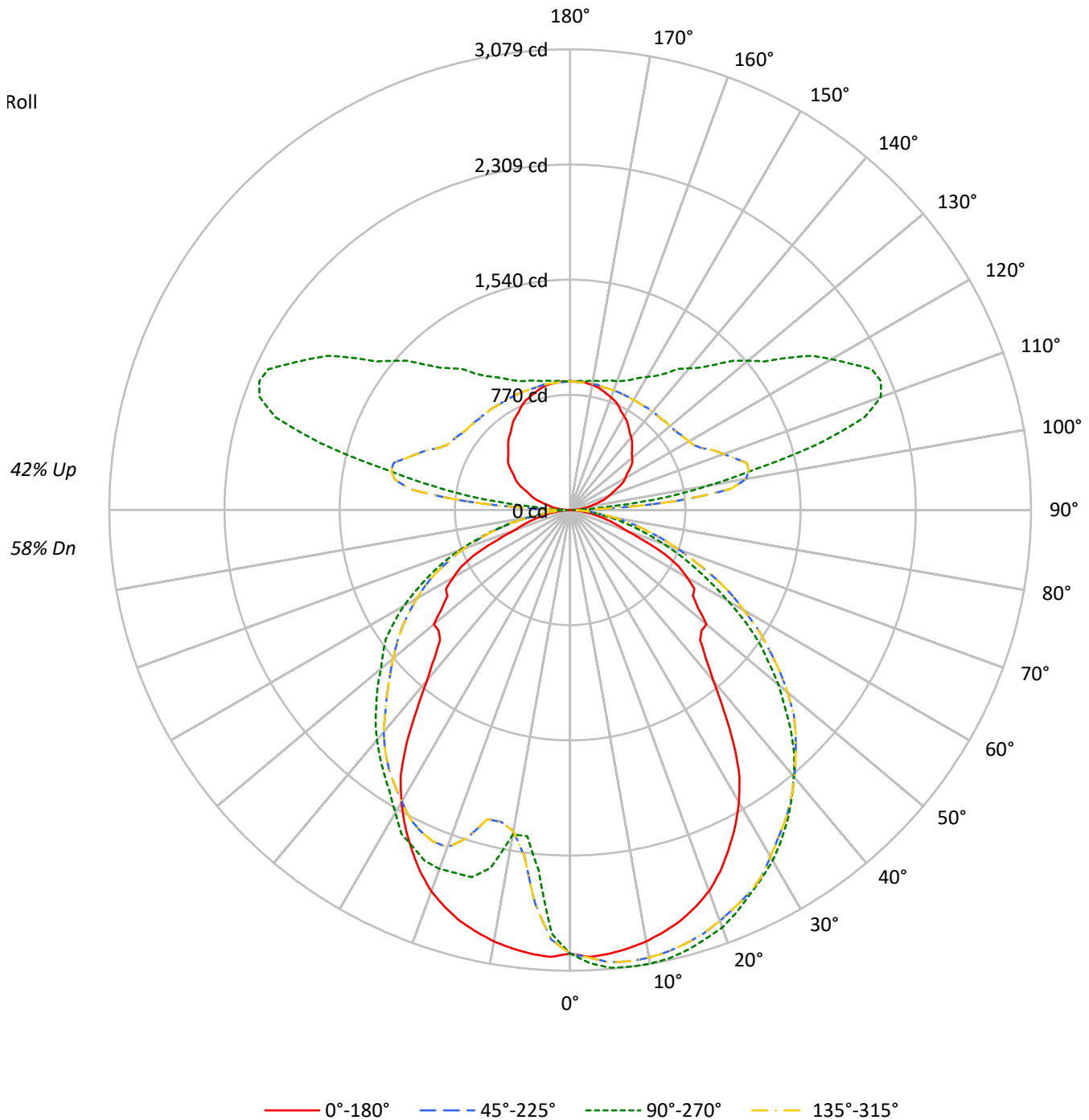
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13270.9 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: 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

TEST NUMBER: P934329
CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	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°	9168	9168	9168	9168
5°	9240	9255	9240	7277
10°	9181	9116	9181	6517
15°	9085	8919	9085	7447
20°	8899	8685	8899	7463
25°	8513	8344	8513	7305
30°	8014	8060	8014	6957
35°	7148	7702	7148	6576
40°	5959	7280	5959	6287
45°	5328	6786	5328	5956
50°	5665	6197	5665	5623
55°	5335	5563	5335	5431
60°	5506	4724	5506	4974
65°	5000	3905	5000	4365
70°	3471	3112	3471	3659
75°	3055	2300	3055	2755
80°	2480	1521	2480	1656
85°	1455	806	1455	684

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8161 cd/sqm



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.6	2.0
10°-20°	759.7	5.7
20°-30°	1174.3	8.8
30°-40°	1401.8	10.6
40°-50°	1410.1	10.6
50°-60°	1226.9	9.2
60°-70°	869.9	6.6
70°-80°	460.2	3.5
80°-90°	117.9	0.9
90°-100°	419.8	3.2
100°-110°	1103.6	8.3
110°-120°	1144.3	8.6
120°-130°	917.9	6.9
130°-140°	720.2	5.4
140°-150°	552.8	4.2
150°-160°	398.1	3.0
160°-170°	243.6	1.8
170°-180°	82.3	0.6
0°-30°	2201.5	16.6
0°-40°	3603.4	27.2
0°-60°	6240.3	47.0
0°-90°	7688.4	57.9
90°-120°	2667.6	20.1
90°-150°	4858.5	36.6
90°-180°	5582.0	42.1
0°-180°	13270.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2964	2964	2964	2964	2964	
5°	2978	3071	2978	2414	2978	283
15°	2844	3043	2844	2541	2844	800
25°	2504	2838	2504	2484	2504	1150
35°	1904	2532	1904	2162	1904	1178
45°	1228	2086	1228	1831	1228	984
55°	1001	1540	1001	1503	1001	920
65°	695	928	695	1038	695	665
75°	264	440	264	527	264	277
85°	45	112	45	95	45	61
90°	6	22	6	22	6	7
95°	56	254	56	254	56	62
105°	199	1728	199	1728	199	211
115°	353	2225	353	2225	353	349
125°	491	1772	491	1772	491	436
135°	586	1375	586	1375	586	453
145°	679	1116	679	1116	679	425
155°	768	961	768	961	768	353
165°	828	895	828	895	828	234
175°	861	867	861	867	861	82
180°	861	861	861	861	861	



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2989.3	2989.3	3006.1	3011.7	3011.7	3003.3	2994.9	3003.3	3028.5	3037.0	3034.1
5°	2978.1	3000.5	3031.3	3037.0	3042.6	3039.8	3034.1	3039.8	3067.8	3073.4	3076.2
7.5°	2955.6	2997.7	3037.0	3045.4	3053.8	3045.4	3042.6	3048.2	3076.2	3081.8	3081.8
10°	2927.6	2986.5	3031.3	3037.0	3045.4	3037.0	3037.0	3048.2	3076.2	3081.8	3084.6
12.5°	2888.3	2969.7	3011.7	3017.3	3028.5	3025.7	3022.9	3034.1	3062.2	3067.8	3067.8
15°	2843.5	2938.8	2978.1	2983.7	3003.3	2997.7	2997.7	3008.9	3039.8	3048.2	3045.4
17.5°	2781.8	2899.6	2944.4	2952.8	2966.9	2964.0	2966.9	2978.1	3006.1	3011.7	3014.5
20°	2711.7	2846.3	2899.6	2908.0	2922.0	2922.0	2922.0	2936.0	2964.0	2975.3	2975.3
22.5°	2616.3	2790.2	2846.3	2851.9	2868.7	2868.7	2874.3	2893.9	2919.2	2922.0	2922.0
25°	2504.2	2728.5	2776.2	2793.0	2809.8	2818.2	2826.6	2837.9	2846.3	2843.5	2846.3
27.5°	2386.3	2650.0	2711.7	2722.9	2745.3	2753.7	2765.0	2767.8	2770.6	2779.0	2773.4
30°	2254.5	2540.6	2633.2	2644.4	2680.8	2686.4	2675.2	2680.8	2694.9	2700.5	2706.1
32.5°	2105.9	2377.9	2551.8	2577.1	2610.7	2593.9	2591.1	2599.5	2621.9	2621.9	2627.6
35°	1904.0	2251.7	2476.1	2498.6	2523.8	2504.2	2515.4	2518.2	2532.2	2540.6	2537.8
37.5°	1682.5	2142.3	2397.5	2414.3	2434.0	2408.7	2425.6	2434.0	2445.2	2439.6	2439.6
40°	1486.2	1971.3	2305.0	2316.2	2333.0	2313.4	2330.2	2335.8	2341.4	2335.8	2333.0
42.5°	1340.4	1783.4	2206.8	2220.9	2209.6	2223.7	2229.3	2240.5	2232.1	2220.9	2220.9
45°	1228.2	1732.9	2100.3	2117.1	2100.3	2122.7	2131.1	2131.1	2105.9	2100.3	2097.5
47.5°	1191.8	1632.0	1993.7	1993.7	1985.3	2013.4	2027.4	2007.7	1982.5	1974.1	1974.1
50°	1188.9	1519.8	1847.9	1836.7	1876.0	1909.6	1895.6	1876.0	1856.3	1825.5	1825.5
52.5°	1079.6	1382.4	1660.0	1702.1	1763.8	1783.4	1761.0	1741.4	1707.7	1693.7	1682.5
55°	1001.1	1239.4	1489.0	1573.1	1637.6	1662.8	1620.8	1601.2	1550.7	1542.3	1536.7
57.5°	984.2	1031.9	1332.0	1438.5	1517.0	1514.2	1489.0	1452.5	1410.5	1402.1	1399.3
60°	902.9	745.9	1163.7	1289.9	1371.2	1362.8	1340.4	1306.7	1267.5	1261.9	1256.2
62.5°	818.8	541.2	973.0	1116.0	1231.0	1228.2	1208.6	1158.1	1130.1	1116.0	1104.8
65°	695.4	454.3	692.6	928.2	1093.6	1099.2	1057.2	1020.7	989.9	973.0	970.2
67.5°	530.0	370.1	468.3	773.9	961.8	956.2	902.9	886.1	846.8	838.4	821.6
70°	392.6	246.8	325.3	628.1	832.8	818.8	776.7	757.1	720.7	701.0	689.8
72.5°	325.3	199.1	238.4	487.9	701.0	684.2	647.8	625.3	594.5	577.6	566.4
75°	263.6	210.3	182.3	361.7	569.2	558.0	524.4	501.9	476.7	454.3	457.1
77.5°	193.5	196.3	145.8	266.4	451.5	434.6	415.0	387.0	375.8	353.3	353.3
80°	145.8	154.2	109.4	182.3	325.3	325.3	308.5	288.8	269.2	258.0	258.0
82.5°	98.1	98.1	81.3	115.0	221.5	213.1	201.9	196.3	185.1	179.5	179.5
85°	44.9	56.1	50.5	70.1	120.6	126.2	126.2	120.6	117.8	112.2	115.0
87.5°	14.0	25.2	30.8	39.3	61.7	64.5	67.3	67.3	67.3	70.1	70.1
90°	5.8	10.4	15.0	16.2	25.4	37.8	43.9	39.1	29.3	22.0	22.0
92.5°	23.1	62.3	101.7	111.5	156.8	217.1	247.3	216.8	155.6	109.8	105.4
95°	55.5	127.4	199.4	217.3	385.8	610.6	723.0	645.1	489.5	372.8	359.5
97.5°	95.9	159.4	222.8	238.7	519.8	894.5	1081.9	1032.8	934.3	860.6	835.4
100°	127.1	184.7	242.2	256.6	568.5	984.3	1192.3	1195.9	1203.1	1208.5	1178.5
102.5°	153.8	207.4	261.1	274.5	590.8	1012.7	1223.5	1286.2	1411.5	1505.5	1479.8
105°	198.8	244.2	289.7	301.1	607.4	1015.8	1220.1	1360.6	1641.5	1852.3	1838.5
107.5°	245.1	287.4	329.9	340.4	610.5	970.7	1150.7	1346.7	1738.7	2032.7	2036.1
110°	276.3	314.5	352.9	362.4	605.9	930.6	1093.0	1312.0	1750.2	2078.9	2093.3



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	306.9	343.3	379.8	388.9	606.1	895.5	1040.3	1264.6	1713.0	2049.4	2071.5
115°	353.1	386.8	420.4	428.8	611.7	855.4	977.3	1193.3	1625.4	1949.4	1980.1
117.5°	398.7	429.3	459.9	467.5	623.0	830.3	934.0	1128.9	1518.8	1811.3	1845.2
120°	425.4	454.2	482.9	490.1	632.2	821.9	916.7	1094.8	1451.0	1718.3	1751.3
122.5°	451.4	480.4	509.4	516.7	645.6	817.4	903.3	1063.7	1384.6	1625.2	1657.7
125°	491.3	517.7	544.2	550.8	663.5	813.8	888.9	1025.2	1297.7	1502.1	1532.1
127.5°	523.6	550.4	577.1	583.7	681.4	811.6	876.8	993.8	1227.7	1403.3	1428.6
130°	541.0	569.8	598.5	605.7	694.5	812.9	872.2	976.3	1184.6	1340.8	1364.2
132.5°	558.9	587.6	616.4	623.6	705.1	813.8	868.1	961.3	1147.8	1287.7	1308.6
135°	585.5	611.7	637.8	644.4	716.6	813.0	861.1	939.3	1095.5	1212.6	1230.6
137.5°	612.6	638.6	664.6	671.0	734.0	818.1	860.0	926.0	1058.1	1157.1	1171.8
140°	635.1	659.1	682.9	688.9	744.6	818.8	855.9	912.9	1027.1	1112.6	1126.4
142.5°	652.5	674.6	696.7	702.2	753.5	821.8	855.9	906.0	1006.2	1081.4	1093.2
145°	679.1	698.3	717.6	722.4	765.1	821.8	850.2	891.1	973.1	1034.5	1043.5
147.5°	705.7	724.4	743.2	747.9	782.0	827.5	850.2	882.5	947.0	995.3	1002.8
150°	723.0	739.9	756.9	761.1	790.9	830.4	850.2	877.4	931.8	972.7	978.7
152.5°	740.9	753.7	766.6	769.8	796.6	832.4	850.2	873.5	919.9	954.8	959.4
155°	767.5	777.0	786.6	788.9	809.4	836.6	850.2	868.7	905.6	933.4	936.4
157.5°	787.2	796.5	805.6	808.0	822.1	840.9	850.2	864.6	893.3	914.9	917.0
160°	800.5	807.7	814.9	816.7	827.9	842.7	850.2	862.5	887.1	905.6	906.9
162.5°	813.8	819.2	824.6	825.9	834.0	844.8	850.2	860.6	881.3	896.9	898.1
165°	828.2	833.1	838.0	839.2	842.8	847.8	850.2	857.7	872.5	883.7	884.9
167.5°	841.5	843.8	846.1	846.7	849.7	853.9	855.9	860.8	870.6	877.9	878.4
170°	850.2	852.5	854.8	855.3	855.5	855.8	855.9	860.8	870.6	877.9	877.9
172.5°	854.8	855.3	855.8	855.9	855.9	855.9	855.9	859.7	867.5	873.3	872.8
175°	861.1	861.1	861.1	861.1	859.4	857.0	855.9	858.3	863.3	866.9	866.9
177.5°	861.1	861.1	861.1	861.1	859.8	858.1	857.1	859.1	862.9	865.8	865.3
180°	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	3039.8	3031.3	3039.8	3034.1	3037.0	3028.5	3003.3	2994.9	3003.3	3011.7	3011.7
5°	3076.2	3070.6	3076.2	3076.2	3073.4	3067.8	3039.8	3034.1	3039.8	3042.6	3037.0
7.5°	3087.4	3079.0	3087.4	3081.8	3081.8	3076.2	3048.2	3042.6	3045.4	3053.8	3045.4
10°	3087.4	3079.0	3087.4	3084.6	3081.8	3076.2	3048.2	3037.0	3037.0	3045.4	3037.0
12.5°	3073.4	3067.8	3073.4	3067.8	3067.8	3062.2	3034.1	3022.9	3025.7	3028.5	3017.3
15°	3051.0	3042.6	3051.0	3045.4	3048.2	3039.8	3008.9	2997.7	2997.7	3003.3	2983.7
17.5°	3017.3	3006.1	3017.3	3014.5	3011.7	3006.1	2978.1	2966.9	2964.0	2966.9	2952.8
20°	2978.1	2969.7	2978.1	2975.3	2975.3	2964.0	2936.0	2922.0	2922.0	2922.0	2908.0
22.5°	2916.4	2908.0	2916.4	2922.0	2922.0	2919.2	2893.9	2874.3	2868.7	2868.7	2851.9
25°	2846.3	2837.9	2846.3	2846.3	2843.5	2846.3	2837.9	2826.6	2818.2	2809.8	2793.0
27.5°	2779.0	2773.4	2779.0	2773.4	2779.0	2770.6	2767.8	2765.0	2753.7	2745.3	2722.9
30°	2711.7	2706.1	2711.7	2706.1	2700.5	2694.9	2680.8	2675.2	2686.4	2680.8	2644.4
32.5°	2627.6	2621.9	2627.6	2627.6	2621.9	2621.9	2599.5	2591.1	2593.9	2610.7	2577.1
35°	2540.6	2532.2	2540.6	2537.8	2540.6	2532.2	2518.2	2515.4	2504.2	2523.8	2498.6
37.5°	2439.6	2431.2	2439.6	2439.6	2439.6	2445.2	2434.0	2425.6	2408.7	2434.0	2414.3
40°	2335.8	2324.6	2335.8	2333.0	2335.8	2341.4	2335.8	2330.2	2313.4	2333.0	2316.2
42.5°	2218.1	2215.3	2218.1	2220.9	2220.9	2232.1	2240.5	2229.3	2223.7	2209.6	2220.9
45°	2091.9	2086.3	2091.9	2097.5	2100.3	2105.9	2131.1	2131.1	2122.7	2100.3	2117.1
47.5°	1957.3	1943.3	1957.3	1974.1	1974.1	1982.5	2007.7	2027.4	2013.4	1985.3	1993.7
50°	1814.3	1817.1	1814.3	1825.5	1825.5	1856.3	1876.0	1895.6	1909.6	1876.0	1836.7
52.5°	1674.1	1671.3	1674.1	1682.5	1693.7	1707.7	1741.4	1761.0	1783.4	1763.8	1702.1
55°	1533.9	1539.5	1533.9	1536.7	1542.3	1550.7	1601.2	1620.8	1662.8	1637.6	1573.1
57.5°	1393.6	1385.2	1393.6	1399.3	1402.1	1410.5	1452.5	1489.0	1514.2	1517.0	1438.5
60°	1231.0	1219.8	1231.0	1256.2	1261.9	1267.5	1306.7	1340.4	1362.8	1371.2	1289.9
62.5°	1088.0	1068.4	1088.0	1104.8	1116.0	1130.1	1158.1	1208.6	1228.2	1231.0	1116.0
65°	936.6	928.2	936.6	970.2	973.0	989.9	1020.7	1057.2	1099.2	1093.6	928.2
67.5°	799.2	799.2	799.2	821.6	838.4	846.8	886.1	902.9	956.2	961.8	773.9
70°	673.0	670.2	673.0	689.8	701.0	720.7	757.1	776.7	818.8	832.8	628.1
72.5°	552.4	549.6	552.4	566.4	577.6	594.5	625.3	647.8	684.2	701.0	487.9
75°	445.9	440.2	445.9	457.1	454.3	476.7	501.9	524.4	558.0	569.2	361.7
77.5°	342.1	342.1	342.1	353.3	353.3	375.8	387.0	415.0	434.6	451.5	266.4
80°	255.2	252.4	255.2	258.0	258.0	269.2	288.8	308.5	325.3	325.3	182.3
82.5°	179.5	173.9	179.5	179.5	179.5	185.1	196.3	201.9	213.1	221.5	115.0
85°	112.2	112.2	112.2	115.0	112.2	117.8	120.6	126.2	126.2	120.6	70.1
87.5°	72.9	70.1	72.9	70.1	70.1	67.3	67.3	67.3	64.5	61.7	39.3
90°	22.0	22.0	22.0	22.0	22.0	29.3	39.1	43.9	37.8	25.4	16.2
92.5°	88.0	70.5	88.0	105.4	109.8	155.6	216.8	247.3	217.1	156.8	111.5
95°	306.6	253.7	306.6	359.5	372.8	489.5	645.1	723.0	610.6	385.8	217.3
97.5°	734.7	634.0	734.7	835.4	860.6	934.3	1032.8	1081.9	894.5	519.8	238.7
100°	1058.6	938.6	1058.6	1178.5	1208.5	1203.1	1195.9	1192.3	984.3	568.5	256.6
102.5°	1377.1	1274.4	1377.1	1479.8	1505.5	1411.5	1286.2	1223.5	1012.7	590.8	274.5
105°	1783.3	1728.1	1783.3	1838.5	1852.3	1641.5	1360.6	1220.1	1015.8	607.4	301.1
107.5°	2049.3	2062.7	2049.3	2036.1	2032.7	1738.7	1346.7	1150.7	970.7	610.5	340.4
110°	2150.8	2208.3	2150.8	2093.3	2078.9	1750.2	1312.0	1093.0	930.6	605.9	362.4



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2159.9	2248.2	2159.9	2071.5	2049.4	1713.0	1264.6	1040.3	895.5	606.1	388.9
115°	2102.6	2225.2	2102.6	1980.1	1949.4	1625.4	1193.3	977.3	855.4	611.7	428.8
117.5°	1981.1	2117.0	1981.1	1845.2	1811.3	1518.8	1128.9	934.0	830.3	623.0	467.5
120°	1883.3	2015.3	1883.3	1751.3	1718.3	1451.0	1094.8	916.7	821.9	632.2	490.1
122.5°	1788.0	1918.2	1788.0	1657.7	1625.2	1384.6	1063.7	903.3	817.4	645.6	516.7
125°	1652.0	1772.0	1652.0	1532.1	1502.1	1297.7	1025.2	888.9	813.8	663.5	550.8
127.5°	1529.7	1631.0	1529.7	1428.6	1403.3	1227.7	993.8	876.8	811.6	681.4	583.7
130°	1457.8	1551.2	1457.8	1364.2	1340.8	1184.6	976.3	872.2	812.9	694.5	605.7
132.5°	1392.3	1476.1	1392.3	1308.6	1287.7	1147.8	961.3	868.1	813.8	705.1	623.6
135°	1302.8	1375.0	1302.8	1230.6	1212.6	1095.5	939.3	861.1	813.0	716.6	644.4
137.5°	1230.9	1290.0	1230.9	1171.8	1157.1	1058.1	926.0	860.0	818.1	734.0	671.0
140°	1181.6	1236.8	1181.6	1126.4	1112.6	1027.1	912.9	855.9	818.8	744.6	688.9
142.5°	1140.8	1188.3	1140.8	1093.2	1081.4	1006.2	906.0	855.9	821.8	753.5	702.2
145°	1079.5	1115.5	1079.5	1043.5	1034.5	973.1	891.1	850.2	821.8	765.1	722.4
147.5°	1032.5	1062.3	1032.5	1002.8	995.3	947.0	882.5	850.2	827.5	782.0	747.9
150°	1002.8	1027.1	1002.8	978.7	972.7	931.8	877.4	850.2	830.4	790.9	761.1
152.5°	977.6	995.8	977.6	959.4	954.8	919.9	873.5	850.2	832.4	796.6	769.8
155°	948.5	960.6	948.5	936.4	933.4	905.6	868.7	850.2	836.6	809.4	788.9
157.5°	925.5	934.0	925.5	917.0	914.9	893.3	864.6	850.2	840.9	822.1	808.0
160°	911.8	916.7	911.8	906.9	905.6	887.1	862.5	850.2	842.7	827.9	816.7
162.5°	902.7	907.4	902.7	898.1	896.9	881.3	860.6	850.2	844.8	834.0	825.9
165°	889.8	894.7	889.8	884.9	883.7	872.5	857.7	850.2	847.8	842.8	839.2
167.5°	880.5	882.5	880.5	878.4	877.9	870.6	860.8	855.9	853.9	849.7	846.7
170°	877.9	877.9	877.9	877.9	877.9	870.6	860.8	855.9	855.8	855.5	855.3
172.5°	871.1	869.3	871.1	872.8	873.3	867.5	859.7	855.9	855.9	855.9	855.9
175°	866.9	866.9	866.9	866.9	866.9	863.3	858.3	855.9	857.0	859.4	861.1
177.5°	863.2	861.1	863.2	865.3	865.8	862.9	859.1	857.1	858.1	859.8	861.1
180°	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	3006.1	2989.3	2989.3	2961.2	2950.0	2941.6	2927.6	2885.5	2874.3	2863.1	2879.9
5°	3031.3	3000.5	2978.1	2927.6	2885.5	2868.7	2815.4	2714.5	2647.2	2596.7	2568.7
7.5°	3037.0	2997.7	2955.6	2877.1	2776.2	2731.3	2568.7	2383.5	2333.0	2288.2	2260.1
10°	3031.3	2986.5	2927.6	2809.8	2571.5	2493.0	2330.2	2209.6	2178.8	2170.4	2178.8
12.5°	3011.7	2969.7	2888.3	2692.0	2358.3	2305.0	2209.6	2139.5	2133.9	2148.0	2223.7
15°	2978.1	2938.8	2843.5	2535.0	2240.5	2201.2	2133.9	2108.7	2139.5	2237.7	2464.8
17.5°	2944.4	2899.6	2781.8	2380.7	2150.8	2122.7	2075.0	2125.5	2299.4	2431.2	2507.0
20°	2899.6	2846.3	2711.7	2268.5	2086.3	2061.0	2038.6	2265.7	2397.5	2445.2	2487.3
22.5°	2846.3	2790.2	2616.3	2190.0	2019.0	1999.3	2013.4	2344.2	2397.5	2431.2	2467.6
25°	2776.2	2728.5	2504.2	2128.3	1965.7	1943.3	1996.5	2335.8	2366.7	2375.1	2448.0
27.5°	2711.7	2650.0	2386.3	2072.2	1901.2	1892.8	2010.6	2299.4	2321.8	2330.2	2408.7
30°	2633.2	2540.6	2254.5	2013.4	1833.9	1831.1	2013.4	2254.5	2248.9	2271.3	2349.9
32.5°	2551.8	2377.9	2105.9	1940.4	1769.4	1766.6	1993.7	2187.2	2181.6	2212.4	2271.3
35°	2476.1	2251.7	1904.0	1856.3	1688.1	1690.9	1946.1	2108.7	2111.5	2139.5	2176.0
37.5°	2397.5	2142.3	1682.5	1763.8	1609.6	1609.6	1881.6	2035.8	2030.2	2038.6	2089.1
40°	2305.0	1971.3	1486.2	1643.2	1536.7	1528.2	1803.0	1957.3	1937.6	1934.8	2004.9
42.5°	2206.8	1783.4	1340.4	1483.4	1452.5	1441.3	1707.7	1861.9	1825.5	1833.9	1923.6
45°	2100.3	1732.9	1228.2	1253.4	1365.6	1357.2	1604.0	1752.6	1727.3	1749.8	1842.3
47.5°	1993.7	1632.0	1191.8	1040.3	1273.1	1270.3	1489.0	1646.0	1632.0	1654.4	1752.6
50°	1847.9	1519.8	1188.9	891.7	1169.3	1180.5	1351.6	1542.3	1542.3	1561.9	1665.6
52.5°	1660.0	1382.4	1079.6	807.6	1048.7	1082.4	1231.0	1452.5	1458.1	1477.8	1570.3
55°	1489.0	1239.4	1001.1	743.1	905.7	978.6	1113.2	1360.0	1371.2	1390.8	1475.0
57.5°	1332.0	1031.9	984.2	667.4	773.9	844.0	1009.5	1270.3	1275.9	1292.7	1374.0
60°	1163.7	745.9	902.9	586.1	659.0	712.2	914.1	1163.7	1183.3	1194.6	1264.7
62.5°	973.0	541.2	818.8	530.0	602.9	614.1	835.6	1062.8	1088.0	1096.4	1138.5
65°	692.6	454.3	695.4	482.3	544.0	546.8	751.5	959.0	981.4	995.5	1026.3
67.5°	468.3	370.1	530.0	437.4	499.1	501.9	670.2	838.4	869.3	880.5	900.1
70°	325.3	246.8	392.6	389.8	448.7	454.3	583.3	729.1	757.1	765.5	776.7
72.5°	238.4	199.1	325.3	350.5	395.4	401.0	493.5	605.7	633.7	642.1	647.8
75°	182.3	210.3	263.6	305.6	336.5	339.3	403.8	493.5	513.2	518.8	521.6
77.5°	145.8	196.3	193.5	246.8	274.8	269.2	316.9	381.4	398.2	398.2	398.2
80°	109.4	154.2	145.8	176.7	201.9	196.3	227.1	272.0	277.6	283.2	280.4
82.5°	81.3	98.1	98.1	112.2	134.6	129.0	151.4	176.7	176.7	176.7	182.3
85°	50.5	56.1	44.9	58.9	75.7	72.9	84.1	95.3	98.1	98.1	92.5
87.5°	30.8	25.2	14.0	22.4	33.6	33.6	39.3	42.1	39.3	39.3	39.3
90°	15.0	10.4	5.8	10.4	15.0	16.2	25.4	37.8	43.9	39.1	29.3
92.5°	101.7	62.3	23.1	62.3	101.7	111.5	156.8	217.1	247.3	216.8	155.6
95°	199.4	127.4	55.5	127.4	199.4	217.3	385.8	610.6	723.0	645.1	489.5
97.5°	222.8	159.4	95.9	159.4	222.8	238.7	519.8	894.5	1081.9	1032.8	934.3
100°	242.2	184.7	127.1	184.7	242.2	256.6	568.5	984.3	1192.3	1195.9	1203.1
102.5°	261.1	207.4	153.8	207.4	261.1	274.5	590.8	1012.7	1223.5	1286.2	1411.5
105°	289.7	244.2	198.8	244.2	289.7	301.1	607.4	1015.8	1220.1	1360.6	1641.5
107.5°	329.9	287.4	245.1	287.4	329.9	340.4	610.5	970.7	1150.7	1346.7	1738.7
110°	352.9	314.5	276.3	314.5	352.9	362.4	605.9	930.6	1093.0	1312.0	1750.2



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	379.8	343.3	306.9	343.3	379.8	388.9	606.1	895.5	1040.3	1264.6	1713.0
115°	420.4	386.8	353.1	386.8	420.4	428.8	611.7	855.4	977.3	1193.3	1625.4
117.5°	459.9	429.3	398.7	429.3	459.9	467.5	623.0	830.3	934.0	1128.9	1518.8
120°	482.9	454.2	425.4	454.2	482.9	490.1	632.2	821.9	916.7	1094.8	1451.0
122.5°	509.4	480.4	451.4	480.4	509.4	516.7	645.6	817.4	903.3	1063.7	1384.6
125°	544.2	517.7	491.3	517.7	544.2	550.8	663.5	813.8	888.9	1025.2	1297.7
127.5°	577.1	550.4	523.6	550.4	577.1	583.7	681.4	811.6	876.8	993.8	1227.7
130°	598.5	569.8	541.0	569.8	598.5	605.7	694.5	812.9	872.2	976.3	1184.6
132.5°	616.4	587.6	558.9	587.6	616.4	623.6	705.1	813.8	868.1	961.3	1147.8
135°	637.8	611.7	585.5	611.7	637.8	644.4	716.6	813.0	861.1	939.3	1095.5
137.5°	664.6	638.6	612.6	638.6	664.6	671.0	734.0	818.1	860.0	926.0	1058.1
140°	682.9	659.1	635.1	659.1	682.9	688.9	744.6	818.8	855.9	912.9	1027.1
142.5°	696.7	674.6	652.5	674.6	696.7	702.2	753.5	821.8	855.9	906.0	1006.2
145°	717.6	698.3	679.1	698.3	717.6	722.4	765.1	821.8	850.2	891.1	973.1
147.5°	743.2	724.4	705.7	724.4	743.2	747.9	782.0	827.5	850.2	882.5	947.0
150°	756.9	739.9	723.0	739.9	756.9	761.1	790.9	830.4	850.2	877.4	931.8
152.5°	766.6	753.7	740.9	753.7	766.6	769.8	796.6	832.4	850.2	873.5	919.9
155°	786.6	777.0	767.5	777.0	786.6	788.9	809.4	836.6	850.2	868.7	905.6
157.5°	805.6	796.5	787.2	796.5	805.6	808.0	822.1	840.9	850.2	864.6	893.3
160°	814.9	807.7	800.5	807.7	814.9	816.7	827.9	842.7	850.2	862.5	887.1
162.5°	824.6	819.2	813.8	819.2	824.6	825.9	834.0	844.8	850.2	860.6	881.3
165°	838.0	833.1	828.2	833.1	838.0	839.2	842.8	847.8	850.2	857.7	872.5
167.5°	846.1	843.8	841.5	843.8	846.1	846.7	849.7	853.9	855.9	860.8	870.6
170°	854.8	852.5	850.2	852.5	854.8	855.3	855.5	855.8	855.9	860.8	870.6
172.5°	855.8	855.3	854.8	855.3	855.8	855.9	855.9	855.9	855.9	859.7	867.5
175°	861.1	861.1	861.1	861.1	861.1	861.1	859.4	857.0	855.9	858.3	863.3
177.5°	861.1	861.1	861.1	861.1	861.1	861.1	859.8	858.1	857.1	859.1	862.9
180°	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2860.3	2851.9	2863.1	2832.3	2863.1	2851.9	2860.3	2879.9	2863.1	2874.3	2885.5
5°	2509.8	2495.8	2450.8	2414.3	2450.8	2495.8	2509.8	2568.7	2596.7	2647.2	2714.5
7.5°	2243.3	2232.1	2220.9	2198.4	2220.9	2232.1	2243.3	2260.1	2288.2	2333.0	2383.5
10°	2184.4	2187.2	2204.0	2201.2	2204.0	2187.2	2184.4	2178.8	2170.4	2178.8	2209.6
12.5°	2335.8	2361.1	2453.6	2448.0	2453.6	2361.1	2335.8	2223.7	2148.0	2133.9	2139.5
15°	2509.8	2518.2	2537.8	2540.6	2537.8	2518.2	2509.8	2464.8	2237.7	2139.5	2108.7
17.5°	2526.6	2529.4	2543.4	2543.4	2543.4	2529.4	2526.6	2507.0	2431.2	2299.4	2125.5
20°	2512.6	2518.2	2546.2	2551.8	2546.2	2518.2	2512.6	2487.3	2445.2	2397.5	2265.7
22.5°	2507.0	2518.2	2540.6	2537.8	2540.6	2518.2	2507.0	2467.6	2431.2	2397.5	2344.2
25°	2478.9	2478.9	2481.7	2484.5	2481.7	2478.9	2478.9	2448.0	2375.1	2366.7	2335.8
27.5°	2420.0	2425.6	2442.4	2439.6	2442.4	2425.6	2420.0	2408.7	2330.2	2321.8	2299.4
30°	2366.7	2361.1	2347.0	2335.8	2347.0	2361.1	2366.7	2349.9	2271.3	2248.9	2254.5
32.5°	2276.9	2262.9	2248.9	2240.5	2248.9	2262.9	2276.9	2271.3	2212.4	2181.6	2187.2
35°	2170.4	2173.2	2170.4	2162.0	2170.4	2173.2	2170.4	2176.0	2139.5	2111.5	2108.7
37.5°	2094.7	2100.3	2097.5	2086.3	2097.5	2100.3	2094.7	2089.1	2038.6	2030.2	2035.8
40°	2016.2	2019.0	2016.2	2007.7	2016.2	2019.0	2016.2	2004.9	1934.8	1937.6	1957.3
42.5°	1940.4	1937.6	1929.2	1923.6	1929.2	1937.6	1940.4	1923.6	1833.9	1825.5	1861.9
45°	1853.5	1856.3	1839.5	1831.1	1839.5	1856.3	1853.5	1842.3	1749.8	1727.3	1752.6
47.5°	1766.6	1766.6	1752.6	1744.2	1752.6	1766.6	1766.6	1752.6	1654.4	1632.0	1646.0
50°	1674.1	1671.3	1651.6	1648.8	1651.6	1671.3	1674.1	1665.6	1561.9	1542.3	1542.3
52.5°	1567.5	1567.5	1570.3	1575.9	1570.3	1567.5	1567.5	1570.3	1477.8	1458.1	1452.5
55°	1475.0	1477.8	1497.4	1503.0	1497.4	1477.8	1475.0	1475.0	1390.8	1371.2	1360.0
57.5°	1379.6	1379.6	1393.6	1393.6	1393.6	1379.6	1379.6	1374.0	1292.7	1275.9	1270.3
60°	1270.3	1275.9	1287.1	1284.3	1287.1	1275.9	1270.3	1264.7	1194.6	1183.3	1163.7
62.5°	1155.3	1160.9	1163.7	1158.1	1163.7	1160.9	1155.3	1138.5	1096.4	1088.0	1062.8
65°	1034.7	1040.3	1043.1	1037.5	1043.1	1040.3	1034.7	1026.3	995.5	981.4	959.0
67.5°	911.3	908.5	905.7	916.9	905.7	908.5	911.3	900.1	880.5	869.3	838.4
70°	785.2	785.2	782.3	788.0	782.3	785.2	785.2	776.7	765.5	757.1	729.1
72.5°	650.6	647.8	659.0	650.6	659.0	647.8	650.6	647.8	642.1	633.7	605.7
75°	518.8	524.4	518.8	527.2	518.8	524.4	518.8	521.6	518.8	513.2	493.5
77.5°	395.4	401.0	395.4	395.4	395.4	401.0	395.4	398.2	398.2	398.2	381.4
80°	280.4	277.6	277.6	274.8	277.6	277.6	280.4	280.4	283.2	277.6	272.0
82.5°	179.5	176.7	176.7	182.3	176.7	176.7	179.5	182.3	176.7	176.7	176.7
85°	98.1	100.9	95.3	95.3	95.3	100.9	98.1	92.5	98.1	98.1	95.3
87.5°	36.5	33.6	33.6	33.6	33.6	33.6	36.5	39.3	39.3	39.3	42.1
90°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	29.3	39.1	43.9	37.8
92.5°	109.8	105.4	88.0	70.5	88.0	105.4	109.8	155.6	216.8	247.3	217.1
95°	372.8	359.5	306.6	253.7	306.6	359.5	372.8	489.5	645.1	723.0	610.6
97.5°	860.6	835.4	734.7	634.0	734.7	835.4	860.6	934.3	1032.8	1081.9	894.5
100°	1208.5	1178.5	1058.6	938.6	1058.6	1178.5	1208.5	1203.1	1195.9	1192.3	984.3
102.5°	1505.5	1479.8	1377.1	1274.4	1377.1	1479.8	1505.5	1411.5	1286.2	1223.5	1012.7
105°	1852.3	1838.5	1783.3	1728.1	1783.3	1838.5	1852.3	1641.5	1360.6	1220.1	1015.8
107.5°	2032.7	2036.1	2049.3	2062.7	2049.3	2036.1	2032.7	1738.7	1346.7	1150.7	970.7
110°	2078.9	2093.3	2150.8	2208.3	2150.8	2093.3	2078.9	1750.2	1312.0	1093.0	930.6



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2049.4	2071.5	2159.9	2248.2	2159.9	2071.5	2049.4	1713.0	1264.6	1040.3	895.5
115°	1949.4	1980.1	2102.6	2225.2	2102.6	1980.1	1949.4	1625.4	1193.3	977.3	855.4
117.5°	1811.3	1845.2	1981.1	2117.0	1981.1	1845.2	1811.3	1518.8	1128.9	934.0	830.3
120°	1718.3	1751.3	1883.3	2015.3	1883.3	1751.3	1718.3	1451.0	1094.8	916.7	821.9
122.5°	1625.2	1657.7	1788.0	1918.2	1788.0	1657.7	1625.2	1384.6	1063.7	903.3	817.4
125°	1502.1	1532.1	1652.0	1772.0	1652.0	1532.1	1502.1	1297.7	1025.2	888.9	813.8
127.5°	1403.3	1428.6	1529.7	1631.0	1529.7	1428.6	1403.3	1227.7	993.8	876.8	811.6
130°	1340.8	1364.2	1457.8	1551.2	1457.8	1364.2	1340.8	1184.6	976.3	872.2	812.9
132.5°	1287.7	1308.6	1392.3	1476.1	1392.3	1308.6	1287.7	1147.8	961.3	868.1	813.8
135°	1212.6	1230.6	1302.8	1375.0	1302.8	1230.6	1212.6	1095.5	939.3	861.1	813.0
137.5°	1157.1	1171.8	1230.9	1290.0	1230.9	1171.8	1157.1	1058.1	926.0	860.0	818.1
140°	1112.6	1126.4	1181.6	1236.8	1181.6	1126.4	1112.6	1027.1	912.9	855.9	818.8
142.5°	1081.4	1093.2	1140.8	1188.3	1140.8	1093.2	1081.4	1006.2	906.0	855.9	821.8
145°	1034.5	1043.5	1079.5	1115.5	1079.5	1043.5	1034.5	973.1	891.1	850.2	821.8
147.5°	995.3	1002.8	1032.5	1062.3	1032.5	1002.8	995.3	947.0	882.5	850.2	827.5
150°	972.7	978.7	1002.8	1027.1	1002.8	978.7	972.7	931.8	877.4	850.2	830.4
152.5°	954.8	959.4	977.6	995.8	977.6	959.4	954.8	919.9	873.5	850.2	832.4
155°	933.4	936.4	948.5	960.6	948.5	936.4	933.4	905.6	868.7	850.2	836.6
157.5°	914.9	917.0	925.5	934.0	925.5	917.0	914.9	893.3	864.6	850.2	840.9
160°	905.6	906.9	911.8	916.7	911.8	906.9	905.6	887.1	862.5	850.2	842.7
162.5°	896.9	898.1	902.7	907.4	902.7	898.1	896.9	881.3	860.6	850.2	844.8
165°	883.7	884.9	889.8	894.7	889.8	884.9	883.7	872.5	857.7	850.2	847.8
167.5°	877.9	878.4	880.5	882.5	880.5	878.4	877.9	870.6	860.8	855.9	853.9
170°	877.9	877.9	877.9	877.9	877.9	877.9	877.9	870.6	860.8	855.9	855.8
172.5°	873.3	872.8	871.1	869.3	871.1	872.8	873.3	867.5	859.7	855.9	855.9
175°	866.9	866.9	866.9	866.9	866.9	866.9	866.9	863.3	858.3	855.9	857.0
177.5°	865.8	865.3	863.2	861.1	863.2	865.3	865.8	862.9	859.1	857.1	858.1
180°	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1	861.1



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2964.0	2964.0	2964.0	2964.0	2964.0
2.5°	2927.6	2941.6	2950.0	2961.2	2989.3
5°	2815.4	2868.7	2885.5	2927.6	2978.1
7.5°	2568.7	2731.3	2776.2	2877.1	2955.6
10°	2330.2	2493.0	2571.5	2809.8	2927.6
12.5°	2209.6	2305.0	2358.3	2692.0	2888.3
15°	2133.9	2201.2	2240.5	2535.0	2843.5
17.5°	2075.0	2122.7	2150.8	2380.7	2781.8
20°	2038.6	2061.0	2086.3	2268.5	2711.7
22.5°	2013.4	1999.3	2019.0	2190.0	2616.3
25°	1996.5	1943.3	1965.7	2128.3	2504.2
27.5°	2010.6	1892.8	1901.2	2072.2	2386.3
30°	2013.4	1831.1	1833.9	2013.4	2254.5
32.5°	1993.7	1766.6	1769.4	1940.4	2105.9
35°	1946.1	1690.9	1688.1	1856.3	1904.0
37.5°	1881.6	1609.6	1609.6	1763.8	1682.5
40°	1803.0	1528.2	1536.7	1643.2	1486.2
42.5°	1707.7	1441.3	1452.5	1483.4	1340.4
45°	1604.0	1357.2	1365.6	1253.4	1228.2
47.5°	1489.0	1270.3	1273.1	1040.3	1191.8
50°	1351.6	1180.5	1169.3	891.7	1188.9
52.5°	1231.0	1082.4	1048.7	807.6	1079.6
55°	1113.2	978.6	905.7	743.1	1001.1
57.5°	1009.5	844.0	773.9	667.4	984.2
60°	914.1	712.2	659.0	586.1	902.9
62.5°	835.6	614.1	602.9	530.0	818.8
65°	751.5	546.8	544.0	482.3	695.4
67.5°	670.2	501.9	499.1	437.4	530.0
70°	583.3	454.3	448.7	389.8	392.6
72.5°	493.5	401.0	395.4	350.5	325.3
75°	403.8	339.3	336.5	305.6	263.6
77.5°	316.9	269.2	274.8	246.8	193.5
80°	227.1	196.3	201.9	176.7	145.8
82.5°	151.4	129.0	134.6	112.2	98.1
85°	84.1	72.9	75.7	58.9	44.9
87.5°	39.3	33.6	33.6	22.4	14.0
90°	25.4	16.2	15.0	10.4	5.8
92.5°	156.8	111.5	101.7	62.3	23.1
95°	385.8	217.3	199.4	127.4	55.5
97.5°	519.8	238.7	222.8	159.4	95.9
100°	568.5	256.6	242.2	184.7	127.1
102.5°	590.8	274.5	261.1	207.4	153.8
105°	607.4	301.1	289.7	244.2	198.8
107.5°	610.5	340.4	329.9	287.4	245.1
110°	605.9	362.4	352.9	314.5	276.3



TEST NUMBER: P934329

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	606.1	388.9	379.8	343.3	306.9
115°	611.7	428.8	420.4	386.8	353.1
117.5°	623.0	467.5	459.9	429.3	398.7
120°	632.2	490.1	482.9	454.2	425.4
122.5°	645.6	516.7	509.4	480.4	451.4
125°	663.5	550.8	544.2	517.7	491.3
127.5°	681.4	583.7	577.1	550.4	523.6
130°	694.5	605.7	598.5	569.8	541.0
132.5°	705.1	623.6	616.4	587.6	558.9
135°	716.6	644.4	637.8	611.7	585.5
137.5°	734.0	671.0	664.6	638.6	612.6
140°	744.6	688.9	682.9	659.1	635.1
142.5°	753.5	702.2	696.7	674.6	652.5
145°	765.1	722.4	717.6	698.3	679.1
147.5°	782.0	747.9	743.2	724.4	705.7
150°	790.9	761.1	756.9	739.9	723.0
152.5°	796.6	769.8	766.6	753.7	740.9
155°	809.4	788.9	786.6	777.0	767.5
157.5°	822.1	808.0	805.6	796.5	787.2
160°	827.9	816.7	814.9	807.7	800.5
162.5°	834.0	825.9	824.6	819.2	813.8
165°	842.8	839.2	838.0	833.1	828.2
167.5°	849.7	846.7	846.1	843.8	841.5
170°	855.5	855.3	854.8	852.5	850.2
172.5°	855.9	855.9	855.8	855.3	854.8
175°	859.4	861.1	861.1	861.1	861.1
177.5°	859.8	861.1	861.1	861.1	861.1
180°	861.1	861.1	861.1	861.1	861.1



TEST NUMBER: P934329
 CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-5000K

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	13.21	14.15	14.10	15.06	16.21	16.06	17.00	16.95	17.91	19.06
	3H	13.69	14.54	14.59	15.45	16.63	17.42	18.26	18.32	19.18	20.36
	4H	13.89	14.68	14.80	15.61	16.79	17.87	18.67	18.79	19.59	20.78
	6H	14.01	14.74	14.94	15.67	16.87	18.17	18.90	19.09	19.83	21.03
	8H	14.02	14.71	14.95	15.66	16.86	18.25	18.94	19.18	19.89	21.09
	12H	13.99	14.65	14.93	15.59	16.82	18.29	18.96	19.23	19.89	21.12
4H	2H	14.26	15.05	15.18	15.97	17.16	16.48	17.28	17.40	18.20	19.38
	3H	15.29	15.96	16.22	16.91	18.11	18.00	18.66	18.93	19.61	20.82
	4H	15.57	16.18	16.51	17.12	18.35	18.54	19.14	19.48	20.09	21.32
	6H	15.70	16.22	16.66	17.19	18.42	18.91	19.43	19.86	20.40	21.63
	8H	15.71	16.20	16.66	17.16	18.40	19.02	19.51	19.98	20.47	21.72
	12H	15.68	16.12	16.65	17.10	18.35	19.09	19.53	20.06	20.51	21.76
8H	4H	16.04	16.52	16.99	17.49	18.73	18.67	19.15	19.62	20.12	21.36
	6H	16.30	16.70	17.28	17.71	18.95	19.11	19.51	20.09	20.52	21.76
	8H	16.34	16.70	17.33	17.69	18.95	19.27	19.62	20.26	20.62	21.88
	12H	16.33	16.64	17.33	17.63	18.94	19.37	19.69	20.37	20.68	21.98
12H	4H	16.05	16.48	17.02	17.47	18.71	18.63	19.07	19.61	20.05	21.30
	6H	16.36	16.72	17.35	17.71	18.97	19.11	19.46	20.10	20.46	21.72
	8H	16.43	16.75	17.43	17.73	19.04	19.28	19.59	20.27	20.58	21.88