

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: P935004

Luminaire Tested: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

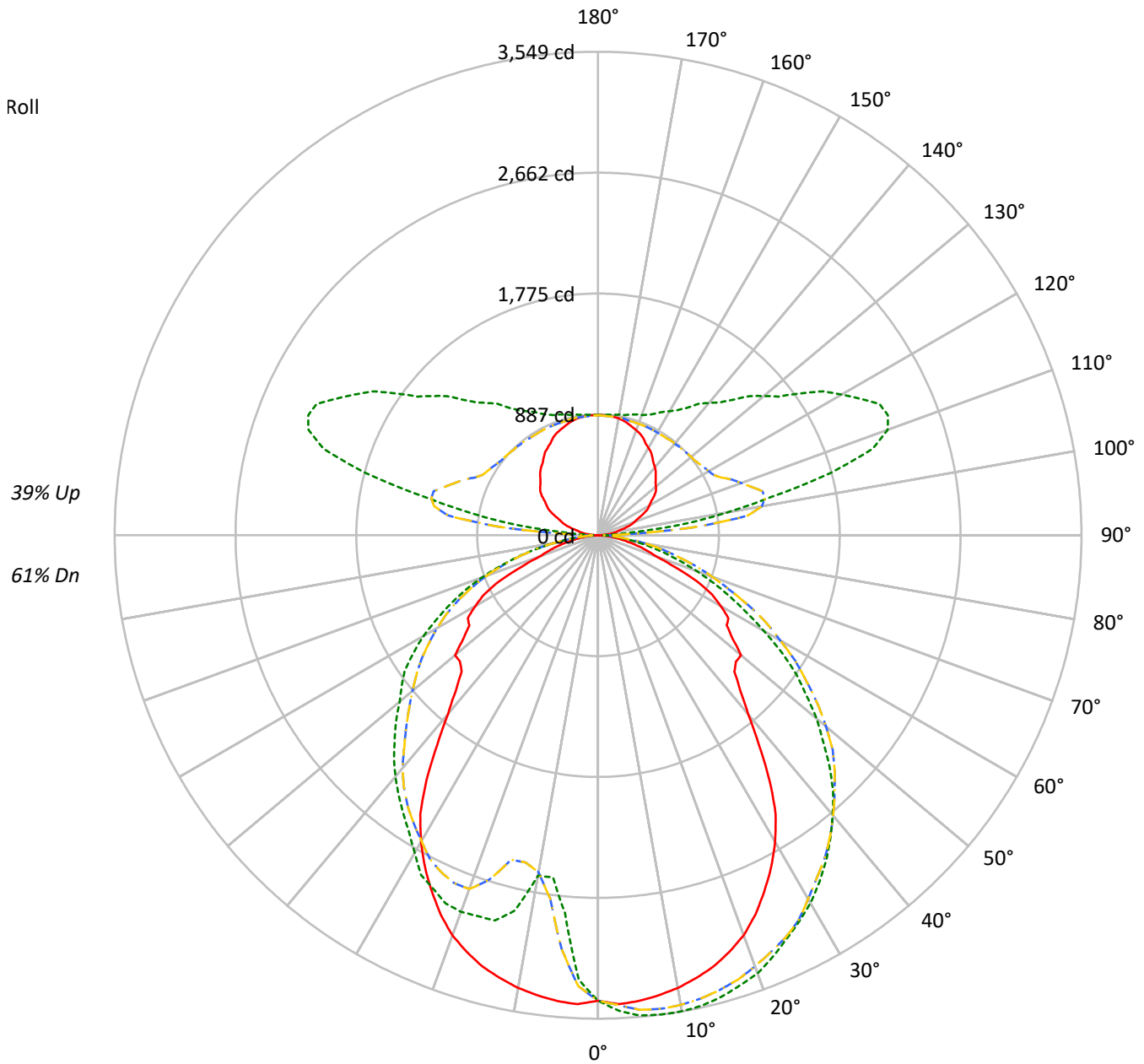
Test Method: LM-79-2019  
Report Number: P935004  
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14580.0 lumens  
Efficiency: N/A  
Efficacy: 117.6 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): 124  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61	
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51	
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43	
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36	
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31	
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27	
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24	
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21	
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19	
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17	
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15	

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	15850	15850	15850	15850
5°	15968	16000	15968	12581
10°	15862	15760	15862	11268
15°	15689	15419	15689	12875
20°	15361	15014	15361	12902
25°	14690	14425	14690	12629
30°	13822	13934	13822	12028
35°	12322	13315	12322	11369
40°	10267	12586	10267	10870
45°	9174	11732	9174	10297
50°	9746	10714	9746	9722
55°	9169	9617	9169	9389
60°	9452	8168	9452	8599
65°	8569	6752	8569	7548
70°	5935	5380	5935	6326
75°	5203	3977	5203	4763
80°	4194	2630	4194	2864
85°	2408	1393	2408	1184

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14060 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	308.4	2.1
10°-20°	875.6	6.0
20°-30°	1353.5	9.3
30°-40°	1615.7	11.1
40°-50°	1625.2	11.1
50°-60°	1414.1	9.7
60°-70°	1002.6	6.9
70°-80°	530.5	3.6
80°-90°	135.5	0.9
90°-100°	430.0	2.9
100°-110°	1130.6	7.8
110°-120°	1172.3	8.0
120°-130°	940.3	6.4
130°-140°	737.8	5.1
140°-150°	566.3	3.9
150°-160°	407.8	2.8
160°-170°	249.5	1.7
170°-180°	84.3	0.6
0°-30°	2537.4	17.4
0°-40°	4153.1	28.5
0°-60°	7192.4	49.3
0°-90°	8861.0	60.8
90°-120°	2732.9	18.7
90°-150°	4977.3	34.1
90°-180°	5719.0	39.2
0°-180°	14580.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3416	3416	3416	3416	3416	
5°	3432	3539	3432	2783	3432	326
15°	3277	3507	3277	2928	3277	922
25°	2886	3271	2886	2864	2886	1325
35°	2194	2918	2194	2492	2194	1358
45°	1416	2405	1416	2110	1416	1134
55°	1154	1774	1154	1732	1154	1060
65°	802	1070	802	1196	802	766
75°	304	507	304	608	304	319
85°	52	129	52	110	52	70
90°	6	22	6	22	6	7
95°	57	260	57	260	57	63
105°	204	1770	204	1770	204	216
115°	362	2280	362	2280	362	357
125°	503	1815	503	1815	503	447
135°	600	1408	600	1408	600	464
145°	696	1143	696	1143	696	436
155°	786	984	786	984	786	361
165°	848	916	848	916	848	239
175°	882	888	882	888	882	84
180°	882	882	882	882	882	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3445.3	3445.3	3464.6	3471.1	3471.1	3461.5	3451.8	3461.5	3490.5	3500.3	3497.0
5°	3432.4	3458.2	3493.8	3500.3	3506.7	3503.5	3497.0	3503.5	3535.8	3542.3	3545.5
7.5°	3406.5	3455.0	3500.3	3509.9	3519.7	3509.9	3506.7	3513.2	3545.5	3551.9	3551.9
10°	3374.2	3442.1	3493.8	3500.3	3509.9	3500.3	3500.3	3513.2	3545.5	3551.9	3555.2
12.5°	3328.9	3422.6	3471.1	3477.6	3490.5	3487.3	3484.1	3497.0	3529.3	3535.8	3535.8
15°	3277.3	3387.1	3432.4	3438.9	3461.5	3455.0	3455.0	3467.9	3503.5	3513.2	3509.9
17.5°	3206.1	3341.8	3393.6	3403.2	3419.5	3416.2	3419.5	3432.4	3464.6	3471.1	3474.4
20°	3125.3	3280.4	3341.8	3351.6	3367.7	3367.7	3367.7	3383.9	3416.2	3429.1	3429.1
22.5°	3015.4	3215.9	3280.4	3286.9	3306.3	3306.3	3312.8	3335.4	3364.5	3367.7	3367.7
25°	2886.2	3144.7	3199.6	3219.0	3238.4	3248.1	3257.9	3270.8	3280.4	3277.3	3280.4
27.5°	2750.4	3054.2	3125.3	3138.2	3164.1	3173.8	3186.7	3190.0	3193.2	3202.9	3196.4
30°	2598.6	2928.2	3034.8	3047.8	3089.8	3096.2	3083.3	3089.8	3105.9	3112.4	3118.8
32.5°	2427.2	2740.8	2941.1	2970.2	3009.0	2989.6	2986.4	2996.0	3021.9	3021.9	3028.4
35°	2194.5	2595.3	2853.8	2879.7	2908.7	2886.2	2899.1	2902.3	2918.5	2928.2	2925.0
37.5°	1939.2	2469.2	2763.4	2782.8	2805.4	2776.3	2795.7	2805.4	2818.3	2811.8	2811.8
40°	1713.0	2272.0	2656.7	2669.6	2689.0	2666.4	2685.7	2692.2	2698.7	2692.2	2689.0
42.5°	1544.9	2055.5	2543.5	2559.7	2546.8	2562.9	2569.4	2582.3	2572.7	2559.7	2559.7
45°	1415.6	1997.4	2420.7	2440.1	2420.7	2446.6	2456.4	2456.4	2427.2	2420.7	2417.5
47.5°	1373.6	1881.0	2297.9	2297.9	2288.3	2320.6	2336.7	2314.1	2285.0	2275.3	2275.3
50°	1370.3	1751.8	2129.8	2116.9	2162.2	2201.0	2184.8	2162.2	2139.6	2104.1	2104.1
52.5°	1244.3	1593.3	1913.3	1961.9	2032.9	2055.5	2029.7	2007.0	1968.3	1952.1	1939.2
55°	1153.8	1428.6	1716.2	1813.2	1887.5	1916.6	1868.1	1845.4	1787.3	1777.6	1771.1
57.5°	1134.4	1189.4	1535.2	1658.0	1748.5	1745.3	1716.2	1674.2	1625.7	1616.0	1612.8
60°	1040.7	859.7	1341.3	1486.7	1580.4	1570.8	1544.9	1506.1	1460.9	1454.4	1448.0
62.5°	943.7	623.8	1121.5	1286.3	1418.8	1415.6	1393.0	1334.8	1302.5	1286.3	1273.4
65°	801.5	523.6	798.3	1069.8	1260.5	1266.9	1218.5	1176.5	1140.8	1121.5	1118.3
67.5°	610.8	426.6	539.8	892.1	1108.6	1102.1	1040.7	1021.3	976.1	966.4	947.0
70°	452.5	284.4	374.9	724.0	959.9	943.7	895.2	872.7	830.7	808.0	795.0
72.5°	374.9	229.5	274.8	562.4	808.0	788.6	746.6	720.7	685.2	665.8	652.8
75°	303.8	242.4	210.1	417.0	656.1	643.2	604.4	578.5	549.4	523.6	526.8
77.5°	223.0	226.2	168.1	307.0	520.4	501.0	478.4	446.0	433.1	407.2	407.2
80°	168.1	177.7	126.1	210.1	374.9	374.9	355.5	332.9	310.3	297.4	297.4
82.5°	113.1	113.1	93.7	132.6	255.4	245.6	232.7	226.2	213.3	206.9	206.9
85°	51.7	64.7	58.2	80.8	139.0	145.4	145.4	139.0	135.7	129.3	132.6
87.5°	16.1	29.1	35.5	45.3	71.1	74.3	77.5	77.5	77.5	80.8	80.8
90°	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.0	30.0	22.5	22.5
92.5°	23.7	64.0	104.3	114.3	160.7	222.5	253.5	222.1	159.5	112.5	108.0
95°	56.8	130.5	204.2	222.6	395.3	625.5	740.7	661.0	501.5	381.9	368.3
97.5°	98.3	163.3	228.3	244.6	532.5	916.4	1108.4	1057.9	957.2	881.7	855.9
100°	130.3	189.2	248.2	262.9	582.5	1008.5	1221.4	1225.2	1232.5	1238.1	1207.3
102.5°	157.5	212.5	267.5	281.2	605.3	1037.4	1253.4	1317.6	1446.1	1542.4	1516.1
105°	203.7	250.3	296.8	308.5	622.3	1040.7	1249.9	1393.8	1681.7	1897.6	1883.5
107.5°	251.1	294.5	337.9	348.8	625.4	994.3	1178.9	1379.6	1781.2	2082.4	2085.8
110°	283.1	322.2	361.4	371.2	620.7	953.3	1119.6	1344.1	1793.0	2129.7	2144.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	314.4	351.7	389.1	398.4	620.8	917.5	1065.8	1295.6	1755.0	2099.6	2122.2
115°	361.8	396.2	430.7	439.3	626.6	876.3	1001.2	1222.5	1665.1	1997.1	2028.5
117.5°	408.5	439.9	471.2	479.0	638.3	850.6	956.8	1156.5	1556.0	1855.6	1890.3
120°	435.8	465.2	494.7	502.0	647.7	841.9	939.1	1121.6	1486.6	1760.3	1794.1
122.5°	462.4	492.2	521.9	529.4	661.3	837.3	925.4	1089.8	1418.5	1664.9	1698.3
125°	503.3	530.4	557.4	564.2	679.7	833.6	910.6	1050.2	1329.4	1538.8	1569.5
127.5°	536.4	563.8	591.1	598.0	698.1	831.5	898.2	1018.0	1257.7	1437.6	1463.4
130°	554.2	583.6	613.1	620.5	711.5	832.9	893.5	1000.2	1213.6	1373.7	1397.6
132.5°	572.5	602.0	631.5	638.9	722.4	833.6	889.3	984.8	1175.9	1319.1	1340.6
135°	599.7	626.6	653.5	660.2	734.2	832.9	882.2	962.3	1122.2	1242.2	1260.7
137.5°	627.6	654.2	680.7	687.4	752.0	838.0	881.0	948.6	1083.9	1185.3	1200.4
140°	650.7	675.2	699.6	705.7	762.8	838.9	876.9	935.3	1052.1	1139.8	1153.9
142.5°	668.5	691.1	713.8	719.4	771.9	841.9	876.9	928.2	1030.8	1107.8	1119.9
145°	695.7	715.5	735.2	740.1	783.8	841.9	871.0	913.0	996.9	1059.9	1069.0
147.5°	722.9	742.1	761.4	766.2	801.1	847.7	871.0	904.0	970.0	1019.6	1027.2
150°	740.7	758.1	775.5	779.8	810.1	850.7	871.0	898.8	954.6	996.4	1002.7
152.5°	759.0	772.2	785.4	788.6	816.0	852.6	871.0	894.7	942.4	978.1	982.8
155°	786.3	796.0	805.7	808.2	829.1	857.0	871.0	889.9	927.8	956.2	959.3
157.5°	806.4	815.9	825.3	827.7	842.1	861.3	871.0	885.7	915.2	937.2	939.4
160°	820.1	827.4	834.8	836.6	848.0	863.3	871.0	883.6	908.9	927.8	929.0
162.5°	833.6	839.2	844.7	846.1	854.4	865.4	871.0	881.7	903.0	918.9	920.0
165°	848.4	853.4	858.4	859.7	863.4	868.5	871.0	878.6	893.9	905.3	906.6
167.5°	862.1	864.5	866.9	867.4	870.6	874.8	876.9	881.8	891.9	899.4	899.9
170°	871.0	873.3	875.7	876.3	876.5	876.8	876.9	881.8	891.9	899.4	899.4
172.5°	875.7	876.2	876.8	876.9	876.9	876.9	876.9	880.8	888.7	894.6	894.2
175°	882.2	882.2	882.2	882.2	880.4	878.0	876.9	879.4	884.4	888.2	888.2
177.5°	882.2	882.2	882.2	882.2	880.8	879.0	878.0	880.0	883.9	886.9	886.4
180°	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3503.5	3493.8	3503.5	3497.0	3500.3	3490.5	3461.5	3451.8	3461.5	3471.1	3471.1
5°	3545.5	3539.0	3545.5	3545.5	3542.3	3535.8	3503.5	3497.0	3503.5	3506.7	3500.3
7.5°	3558.4	3548.7	3558.4	3551.9	3551.9	3545.5	3513.2	3506.7	3509.9	3519.7	3509.9
10°	3558.4	3548.7	3558.4	3555.2	3551.9	3545.5	3513.2	3500.3	3500.3	3509.9	3500.3
12.5°	3542.3	3535.8	3542.3	3535.8	3535.8	3529.3	3497.0	3484.1	3487.3	3490.5	3477.6
15°	3516.4	3506.7	3516.4	3509.9	3513.2	3503.5	3467.9	3455.0	3455.0	3461.5	3438.9
17.5°	3477.6	3464.6	3477.6	3474.4	3471.1	3464.6	3432.4	3419.5	3416.2	3419.5	3403.2
20°	3432.4	3422.6	3432.4	3429.1	3429.1	3416.2	3383.9	3367.7	3367.7	3367.7	3351.6
22.5°	3361.2	3351.6	3361.2	3367.7	3367.7	3364.5	3335.4	3312.8	3306.3	3306.3	3286.9
25°	3280.4	3270.8	3280.4	3280.4	3277.3	3280.4	3270.8	3257.9	3248.1	3238.4	3219.0
27.5°	3202.9	3196.4	3202.9	3196.4	3202.9	3193.2	3190.0	3186.7	3173.8	3164.1	3138.2
30°	3125.3	3118.8	3125.3	3118.8	3112.4	3105.9	3089.8	3083.3	3096.2	3089.8	3047.8
32.5°	3028.4	3021.9	3028.4	3028.4	3021.9	3021.9	2996.0	2986.4	2989.6	3009.0	2970.2
35°	2928.2	2918.5	2928.2	2925.0	2928.2	2918.5	2902.3	2899.1	2886.2	2908.7	2879.7
37.5°	2811.8	2802.2	2811.8	2811.8	2811.8	2818.3	2805.4	2795.7	2776.3	2805.4	2782.8
40°	2692.2	2679.3	2692.2	2689.0	2692.2	2698.7	2692.2	2685.7	2666.4	2689.0	2669.6
42.5°	2556.5	2553.3	2556.5	2559.7	2559.7	2572.7	2582.3	2569.4	2562.9	2546.8	2559.7
45°	2411.1	2404.6	2411.1	2417.5	2420.7	2427.2	2456.4	2456.4	2446.6	2420.7	2440.1
47.5°	2255.9	2239.8	2255.9	2275.3	2275.3	2285.0	2314.1	2336.7	2320.6	2288.3	2297.9
50°	2091.1	2094.3	2091.1	2104.1	2104.1	2139.6	2162.2	2184.8	2201.0	2162.2	2116.9
52.5°	1929.5	1926.2	1929.5	1939.2	1952.1	1968.3	2007.0	2029.7	2055.5	2032.9	1961.9
55°	1767.9	1774.4	1767.9	1771.1	1777.6	1787.3	1845.4	1868.1	1916.6	1887.5	1813.2
57.5°	1606.3	1596.6	1606.3	1612.8	1616.0	1625.7	1674.2	1716.2	1745.3	1748.5	1658.0
60°	1418.8	1406.0	1418.8	1448.0	1454.4	1460.9	1506.1	1544.9	1570.8	1580.4	1486.7
62.5°	1254.0	1231.4	1254.0	1273.4	1286.3	1302.5	1334.8	1393.0	1415.6	1418.8	1286.3
65°	1079.4	1069.8	1079.4	1118.3	1121.5	1140.8	1176.5	1218.5	1266.9	1260.5	1069.8
67.5°	921.1	921.1	921.1	947.0	966.4	976.1	1021.3	1040.7	1102.1	1108.6	892.1
70°	775.7	772.4	775.7	795.0	808.0	830.7	872.7	895.2	943.7	959.9	724.0
72.5°	636.7	633.5	636.7	652.8	665.8	685.2	720.7	746.6	788.6	808.0	562.4
75°	513.9	507.4	513.9	526.8	523.6	549.4	578.5	604.4	643.2	656.1	417.0
77.5°	394.3	394.3	394.3	407.2	407.2	433.1	446.0	478.4	501.0	520.4	307.0
80°	294.1	290.9	294.1	297.4	297.4	310.3	332.9	355.5	374.9	374.9	210.1
82.5°	206.9	200.4	206.9	206.9	206.9	213.3	226.2	232.7	245.6	255.4	132.6
85°	129.3	129.3	129.3	132.6	129.3	135.7	139.0	145.4	145.4	139.0	80.8
87.5°	84.0	80.8	84.0	80.8	80.8	77.5	77.5	77.5	74.3	71.1	45.3
90°	22.5	22.5	22.5	22.5	22.5	30.0	40.0	45.0	38.7	26.1	16.6
92.5°	90.2	72.2	90.2	108.0	112.5	159.5	222.1	253.5	222.5	160.7	114.3
95°	314.2	260.0	314.2	368.3	381.9	501.5	661.0	740.7	625.5	395.3	222.6
97.5°	752.6	649.5	752.6	855.9	881.7	957.2	1057.9	1108.4	916.4	532.5	244.6
100°	1084.5	961.6	1084.5	1207.3	1238.1	1232.5	1225.2	1221.4	1008.5	582.5	262.9
102.5°	1410.8	1305.6	1410.8	1516.1	1542.4	1446.1	1317.6	1253.4	1037.4	605.3	281.2
105°	1826.8	1770.3	1826.8	1883.5	1897.6	1681.7	1393.8	1249.9	1040.7	622.3	308.5
107.5°	2099.5	2113.1	2099.5	2085.8	2082.4	1781.2	1379.6	1178.9	994.3	625.4	348.8
110°	2203.5	2262.4	2203.5	2144.5	2129.7	1793.0	1344.1	1119.6	953.3	620.7	371.2





TEST NUMBER: P935004

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2212.6	2303.2	2212.6	2122.2	2099.6	1755.0	1295.6	1065.8	917.5	620.8	398.4
115°	2154.0	2279.5	2154.0	2028.5	1997.1	1665.1	1222.5	1001.2	876.3	626.6	439.3
117.5°	2029.6	2168.8	2029.6	1890.3	1855.6	1556.0	1156.5	956.8	850.6	638.3	479.0
120°	1929.4	2064.6	1929.4	1794.1	1760.3	1486.6	1121.6	939.1	841.9	647.7	502.0
122.5°	1831.7	1965.1	1831.7	1698.3	1664.9	1418.5	1089.8	925.4	837.3	661.3	529.4
125°	1692.5	1815.4	1692.5	1569.5	1538.8	1329.4	1050.2	910.6	833.6	679.7	564.2
127.5°	1567.2	1670.9	1567.2	1463.4	1437.6	1257.7	1018.0	898.2	831.5	698.1	598.0
130°	1493.3	1589.1	1493.3	1397.6	1373.7	1213.6	1000.2	893.5	832.9	711.5	620.5
132.5°	1426.4	1512.1	1426.4	1340.6	1319.1	1175.9	984.8	889.3	833.6	722.4	638.9
135°	1334.6	1408.5	1334.6	1260.7	1242.2	1122.2	962.3	882.2	832.9	734.2	660.2
137.5°	1261.0	1321.5	1261.0	1200.4	1185.3	1083.9	948.6	881.0	838.0	752.0	687.4
140°	1210.6	1267.1	1210.6	1153.9	1139.8	1052.1	935.3	876.9	838.9	762.8	705.7
142.5°	1168.6	1217.3	1168.6	1119.9	1107.8	1030.8	928.2	876.9	841.9	771.9	719.4
145°	1105.9	1142.8	1105.9	1069.0	1059.9	996.9	913.0	871.0	841.9	783.8	740.1
147.5°	1057.7	1088.2	1057.7	1027.2	1019.6	970.0	904.0	871.0	847.7	801.1	766.2
150°	1027.4	1052.1	1027.4	1002.7	996.4	954.6	898.8	871.0	850.7	810.1	779.8
152.5°	1001.4	1020.1	1001.4	982.8	978.1	942.4	894.7	871.0	852.6	816.0	788.6
155°	971.7	984.0	971.7	959.3	956.2	927.8	889.9	871.0	857.0	829.1	808.2
157.5°	948.1	956.8	948.1	939.4	937.2	915.2	885.7	871.0	861.3	842.1	827.7
160°	934.1	939.1	934.1	929.0	927.8	908.9	883.6	871.0	863.3	848.0	836.6
162.5°	924.8	929.6	924.8	920.0	918.9	903.0	881.7	871.0	865.4	854.4	846.1
165°	911.5	916.5	911.5	906.6	905.3	893.9	878.6	871.0	868.5	863.4	859.7
167.5°	902.0	904.1	902.0	899.9	899.4	891.9	881.8	876.9	874.8	870.6	867.4
170°	899.4	899.4	899.4	899.4	899.4	891.9	881.8	876.9	876.8	876.5	876.3
172.5°	892.4	890.5	892.4	894.2	894.6	888.7	880.8	876.9	876.9	876.9	876.9
175°	888.2	888.2	888.2	888.2	888.2	884.4	879.4	876.9	878.0	880.4	882.2
177.5°	884.3	882.2	884.3	886.4	886.9	883.9	880.0	878.0	879.0	880.8	882.2
180°	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2



TEST NUMBER: P935004

CATALOG NUMBER: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3464.6	3445.3	3445.3	3413.0	3400.1	3390.3	3374.2	3325.7	3312.8	3299.8	3319.3
5°	3493.8	3458.2	3432.4	3374.2	3325.7	3306.3	3244.9	3128.6	3051.0	2992.8	2960.5
7.5°	3500.3	3455.0	3406.5	3316.0	3199.6	3148.0	2960.5	2747.2	2689.0	2637.3	2605.0
10°	3493.8	3442.1	3374.2	3238.4	2963.7	2873.2	2685.7	2546.8	2511.3	2501.5	2511.3
12.5°	3471.1	3422.6	3328.9	3102.7	2718.1	2656.7	2546.8	2466.0	2459.5	2475.7	2562.9
15°	3432.4	3387.1	3277.3	2921.7	2582.3	2537.1	2459.5	2430.5	2466.0	2579.2	2840.9
17.5°	3393.6	3341.8	3206.1	2744.0	2478.9	2446.6	2391.7	2449.9	2650.2	2802.2	2889.4
20°	3341.8	3280.4	3125.3	2614.7	2404.6	2375.5	2349.7	2611.4	2763.4	2818.3	2866.8
22.5°	3280.4	3215.9	3015.4	2524.2	2327.0	2304.4	2320.6	2702.0	2763.4	2802.2	2844.2
25°	3199.6	3144.7	2886.2	2453.1	2265.6	2239.8	2301.2	2692.2	2727.8	2737.5	2821.5
27.5°	3125.3	3054.2	2750.4	2388.5	2191.2	2181.6	2317.3	2650.2	2676.1	2685.7	2776.3
30°	3034.8	2928.2	2598.6	2320.6	2113.7	2110.5	2320.6	2598.6	2592.1	2617.9	2708.4
32.5°	2941.1	2740.8	2427.2	2236.5	2039.4	2036.2	2297.9	2520.9	2514.5	2550.0	2617.9
35°	2853.8	2595.3	2194.5	2139.6	1945.6	1948.9	2243.0	2430.5	2433.7	2466.0	2508.0
37.5°	2763.4	2469.2	1939.2	2032.9	1855.2	1855.2	2168.6	2346.4	2339.9	2349.7	2407.8
40°	2656.7	2272.0	1713.0	1894.0	1771.1	1761.4	2078.2	2255.9	2233.3	2230.1	2310.9
42.5°	2543.5	2055.5	1544.9	1709.7	1674.2	1661.2	1968.3	2146.1	2104.1	2113.7	2217.1
45°	2420.7	1997.4	1415.6	1444.7	1573.9	1564.3	1848.7	2020.0	1990.9	2016.8	2123.4
47.5°	2297.9	1881.0	1373.6	1199.1	1467.4	1464.1	1716.2	1897.2	1881.0	1906.8	2020.0
50°	2129.8	1751.8	1370.3	1027.8	1347.7	1360.7	1557.8	1777.6	1777.6	1800.2	1919.8
52.5°	1913.3	1593.3	1244.3	930.8	1208.7	1247.5	1418.8	1674.2	1680.6	1703.2	1809.9
55°	1716.2	1428.6	1153.8	856.4	1043.9	1128.0	1283.1	1567.5	1580.4	1603.1	1700.0
57.5°	1535.2	1189.4	1134.4	769.3	892.1	972.9	1163.5	1464.1	1470.5	1490.0	1583.7
60°	1341.3	859.7	1040.7	675.5	759.5	820.9	1053.7	1341.3	1363.9	1376.8	1457.6
62.5°	1121.5	623.8	943.7	610.8	694.9	707.8	963.1	1224.9	1254.0	1263.8	1312.2
65°	798.3	523.6	801.5	555.9	627.0	630.2	866.2	1105.3	1131.2	1147.3	1182.9
67.5°	539.8	426.6	610.8	504.1	575.3	578.5	772.4	966.4	1001.9	1014.9	1037.5
70°	374.9	284.4	452.5	449.2	517.1	523.6	672.2	840.3	872.7	882.3	895.2
72.5°	274.8	229.5	374.9	404.0	455.7	462.2	568.8	698.1	730.4	740.1	746.6
75°	210.1	242.4	303.8	352.3	387.8	391.1	465.4	568.8	591.4	597.9	601.2
77.5°	168.1	226.2	223.0	284.4	316.8	310.3	365.2	439.6	459.0	459.0	459.0
80°	126.1	177.7	168.1	203.6	232.7	226.2	261.8	313.5	319.9	326.4	323.2
82.5°	93.7	113.1	113.1	129.3	155.1	148.7	174.6	203.6	203.6	203.6	210.1
85°	58.2	64.7	51.7	67.9	87.3	84.0	96.9	109.9	113.1	113.1	106.7
87.5°	35.5	29.1	16.1	25.9	38.8	38.8	45.3	48.5	45.3	45.3	45.3
90°	15.5	10.7	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.0	30.0
92.5°	104.3	64.0	23.7	64.0	104.3	114.3	160.7	222.5	253.5	222.1	159.5
95°	204.2	130.5	56.8	130.5	204.2	222.6	395.3	625.5	740.7	661.0	501.5
97.5°	228.3	163.3	98.3	163.3	228.3	244.6	532.5	916.4	1108.4	1057.9	957.2
100°	248.2	189.2	130.3	189.2	248.2	262.9	582.5	1008.5	1221.4	1225.2	1232.5
102.5°	267.5	212.5	157.5	212.5	267.5	281.2	605.3	1037.4	1253.4	1317.6	1446.1
105°	296.8	250.3	203.7	250.3	296.8	308.5	622.3	1040.7	1249.9	1393.8	1681.7
107.5°	337.9	294.5	251.1	294.5	337.9	348.8	625.4	994.3	1178.9	1379.6	1781.2
110°	361.4	322.2	283.1	322.2	361.4	371.2	620.7	953.3	1119.6	1344.1	1793.0



TEST NUMBER: P935004

CATALOG NUMBER: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	389.1	351.7	314.4	351.7	389.1	398.4	620.8	917.5	1065.8	1295.6	1755.0
115°	430.7	396.2	361.8	396.2	430.7	439.3	626.6	876.3	1001.2	1222.5	1665.1
117.5°	471.2	439.9	408.5	439.9	471.2	479.0	638.3	850.6	956.8	1156.5	1556.0
120°	494.7	465.2	435.8	465.2	494.7	502.0	647.7	841.9	939.1	1121.6	1486.6
122.5°	521.9	492.2	462.4	492.2	521.9	529.4	661.3	837.3	925.4	1089.8	1418.5
125°	557.4	530.4	503.3	530.4	557.4	564.2	679.7	833.6	910.6	1050.2	1329.4
127.5°	591.1	563.8	536.4	563.8	591.1	598.0	698.1	831.5	898.2	1018.0	1257.7
130°	613.1	583.6	554.2	583.6	613.1	620.5	711.5	832.9	893.5	1000.2	1213.6
132.5°	631.5	602.0	572.5	602.0	631.5	638.9	722.4	833.6	889.3	984.8	1175.9
135°	653.5	626.6	599.7	626.6	653.5	660.2	734.2	832.9	882.2	962.3	1122.2
137.5°	680.7	654.2	627.6	654.2	680.7	687.4	752.0	838.0	881.0	948.6	1083.9
140°	699.6	675.2	650.7	675.2	699.6	705.7	762.8	838.9	876.9	935.3	1052.1
142.5°	713.8	691.1	668.5	691.1	713.8	719.4	771.9	841.9	876.9	928.2	1030.8
145°	735.2	715.5	695.7	715.5	735.2	740.1	783.8	841.9	871.0	913.0	996.9
147.5°	761.4	742.1	722.9	742.1	761.4	766.2	801.1	847.7	871.0	904.0	970.0
150°	775.5	758.1	740.7	758.1	775.5	779.8	810.1	850.7	871.0	898.8	954.6
152.5°	785.4	772.2	759.0	772.2	785.4	788.6	816.0	852.6	871.0	894.7	942.4
155°	805.7	796.0	786.3	796.0	805.7	808.2	829.1	857.0	871.0	889.9	927.8
157.5°	825.3	815.9	806.4	815.9	825.3	827.7	842.1	861.3	871.0	885.7	915.2
160°	834.8	827.4	820.1	827.4	834.8	836.6	848.0	863.3	871.0	883.6	908.9
162.5°	844.7	839.2	833.6	839.2	844.7	846.1	854.4	865.4	871.0	881.7	903.0
165°	858.4	853.4	848.4	853.4	858.4	859.7	863.4	868.5	871.0	878.6	893.9
167.5°	866.9	864.5	862.1	864.5	866.9	867.4	870.6	874.8	876.9	881.8	891.9
170°	875.7	873.3	871.0	873.3	875.7	876.3	876.5	876.8	876.9	881.8	891.9
172.5°	876.8	876.2	875.7	876.2	876.8	876.9	876.9	876.9	876.9	880.8	888.7
175°	882.2	882.2	882.2	882.2	882.2	882.2	880.4	878.0	876.9	879.4	884.4
177.5°	882.2	882.2	882.2	882.2	882.2	882.2	880.8	879.0	878.0	880.0	883.9
180°	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2



TEST NUMBER: P935004  
 CATALOG NUMBER: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3296.7	3286.9	3299.8	3264.3	3299.8	3286.9	3296.7	3319.3	3299.8	3312.8	3325.7
5°	2892.6	2876.5	2824.8	2782.8	2824.8	2876.5	2892.6	2960.5	2992.8	3051.0	3128.6
7.5°	2585.6	2572.7	2559.7	2533.9	2559.7	2572.7	2585.6	2605.0	2637.3	2689.0	2747.2
10°	2517.8	2520.9	2540.3	2537.1	2540.3	2520.9	2517.8	2511.3	2501.5	2511.3	2546.8
12.5°	2692.2	2721.4	2827.9	2821.5	2827.9	2721.4	2692.2	2562.9	2475.7	2459.5	2466.0
15°	2892.6	2902.3	2925.0	2928.2	2925.0	2902.3	2892.6	2840.9	2579.2	2466.0	2430.5
17.5°	2912.0	2915.2	2931.4	2931.4	2931.4	2915.2	2912.0	2889.4	2802.2	2650.2	2449.9
20°	2895.8	2902.3	2934.6	2941.1	2934.6	2902.3	2895.8	2866.8	2818.3	2763.4	2611.4
22.5°	2889.4	2902.3	2928.2	2925.0	2928.2	2902.3	2889.4	2844.2	2802.2	2763.4	2702.0
25°	2857.1	2857.1	2860.3	2863.6	2860.3	2857.1	2857.1	2821.5	2737.5	2727.8	2692.2
27.5°	2789.2	2795.7	2815.1	2811.8	2815.1	2795.7	2789.2	2776.3	2685.7	2676.1	2650.2
30°	2727.8	2721.4	2705.1	2692.2	2705.1	2721.4	2727.8	2708.4	2617.9	2592.1	2598.6
32.5°	2624.3	2608.2	2592.1	2582.3	2592.1	2608.2	2624.3	2617.9	2550.0	2514.5	2520.9
35°	2501.5	2504.8	2501.5	2491.9	2501.5	2504.8	2501.5	2508.0	2466.0	2433.7	2430.5
37.5°	2414.3	2420.7	2417.5	2404.6	2417.5	2420.7	2414.3	2407.8	2349.7	2339.9	2346.4
40°	2323.8	2327.0	2323.8	2314.1	2323.8	2327.0	2323.8	2310.9	2230.1	2233.3	2255.9
42.5°	2236.5	2233.3	2223.6	2217.1	2223.6	2233.3	2236.5	2217.1	2113.7	2104.1	2146.1
45°	2136.3	2139.6	2120.2	2110.5	2120.2	2139.6	2136.3	2123.4	2016.8	1990.9	2020.0
47.5°	2036.2	2036.2	2020.0	2010.3	2020.0	2036.2	2036.2	2020.0	1906.8	1881.0	1897.2
50°	1929.5	1926.2	1903.6	1900.4	1903.6	1926.2	1929.5	1919.8	1800.2	1777.6	1777.6
52.5°	1806.7	1806.7	1809.9	1816.4	1809.9	1806.7	1806.7	1809.9	1703.2	1680.6	1674.2
55°	1700.0	1703.2	1725.9	1732.4	1725.9	1703.2	1700.0	1700.0	1603.1	1580.4	1567.5
57.5°	1590.2	1590.2	1606.3	1606.3	1606.3	1590.2	1590.2	1583.7	1490.0	1470.5	1464.1
60°	1464.1	1470.5	1483.5	1480.2	1483.5	1470.5	1464.1	1457.6	1376.8	1363.9	1341.3
62.5°	1331.6	1338.1	1341.3	1334.8	1341.3	1338.1	1331.6	1312.2	1263.8	1254.0	1224.9
65°	1192.6	1199.1	1202.3	1195.9	1202.3	1199.1	1192.6	1182.9	1147.3	1131.2	1105.3
67.5°	1050.4	1047.2	1043.9	1056.9	1043.9	1047.2	1050.4	1037.5	1014.9	1001.9	966.4
70°	905.0	905.0	901.7	908.2	901.7	905.0	905.0	895.2	882.3	872.7	840.3
72.5°	749.9	746.6	759.5	749.9	759.5	746.6	749.9	746.6	740.1	730.4	698.1
75°	597.9	604.4	597.9	607.6	597.9	604.4	597.9	601.2	597.9	591.4	568.8
77.5°	455.7	462.2	455.7	455.7	455.7	462.2	455.7	459.0	459.0	459.0	439.6
80°	323.2	319.9	319.9	316.8	319.9	319.9	323.2	323.2	326.4	319.9	313.5
82.5°	206.9	203.6	203.6	210.1	203.6	203.6	206.9	210.1	203.6	203.6	203.6
85°	113.1	116.3	109.9	109.9	109.9	116.3	113.1	106.7	113.1	113.1	109.9
87.5°	42.0	38.8	38.8	38.8	38.8	38.8	42.0	45.3	45.3	45.3	48.5
90°	22.5	22.5	22.5	22.5	22.5	22.5	22.5	30.0	40.0	45.0	38.7
92.5°	112.5	108.0	90.2	72.2	90.2	108.0	112.5	159.5	222.1	253.5	222.5
95°	381.9	368.3	314.2	260.0	314.2	368.3	381.9	501.5	661.0	740.7	625.5
97.5°	881.7	855.9	752.6	649.5	752.6	855.9	881.7	957.2	1057.9	1108.4	916.4
100°	1238.1	1207.3	1084.5	961.6	1084.5	1207.3	1238.1	1232.5	1225.2	1221.4	1008.5
102.5°	1542.4	1516.1	1410.8	1305.6	1410.8	1516.1	1542.4	1446.1	1317.6	1253.4	1037.4
105°	1897.6	1883.5	1826.8	1770.3	1826.8	1883.5	1897.6	1681.7	1393.8	1249.9	1040.7
107.5°	2082.4	2085.8	2099.5	2113.1	2099.5	2085.8	2082.4	1781.2	1379.6	1178.9	994.3
110°	2129.7	2144.5	2203.5	2262.4	2203.5	2144.5	2129.7	1793.0	1344.1	1119.6	953.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2099.6	2122.2	2212.6	2303.2	2212.6	2122.2	2099.6	1755.0	1295.6	1065.8	917.5
115°	1997.1	2028.5	2154.0	2279.5	2154.0	2028.5	1997.1	1665.1	1222.5	1001.2	876.3
117.5°	1855.6	1890.3	2029.6	2168.8	2029.6	1890.3	1855.6	1556.0	1156.5	956.8	850.6
120°	1760.3	1794.1	1929.4	2064.6	1929.4	1794.1	1760.3	1486.6	1121.6	939.1	841.9
122.5°	1664.9	1698.3	1831.7	1965.1	1831.7	1698.3	1664.9	1418.5	1089.8	925.4	837.3
125°	1538.8	1569.5	1692.5	1815.4	1692.5	1569.5	1538.8	1329.4	1050.2	910.6	833.6
127.5°	1437.6	1463.4	1567.2	1670.9	1567.2	1463.4	1437.6	1257.7	1018.0	898.2	831.5
130°	1373.7	1397.6	1493.3	1589.1	1493.3	1397.6	1373.7	1213.6	1000.2	893.5	832.9
132.5°	1319.1	1340.6	1426.4	1512.1	1426.4	1340.6	1319.1	1175.9	984.8	889.3	833.6
135°	1242.2	1260.7	1334.6	1408.5	1334.6	1260.7	1242.2	1122.2	962.3	882.2	832.9
137.5°	1185.3	1200.4	1261.0	1321.5	1261.0	1200.4	1185.3	1083.9	948.6	881.0	838.0
140°	1139.8	1153.9	1210.6	1267.1	1210.6	1153.9	1139.8	1052.1	935.3	876.9	838.9
142.5°	1107.8	1119.9	1168.6	1217.3	1168.6	1119.9	1107.8	1030.8	928.2	876.9	841.9
145°	1059.9	1069.0	1105.9	1142.8	1105.9	1069.0	1059.9	996.9	913.0	871.0	841.9
147.5°	1019.6	1027.2	1057.7	1088.2	1057.7	1027.2	1019.6	970.0	904.0	871.0	847.7
150°	996.4	1002.7	1027.4	1052.1	1027.4	1002.7	996.4	954.6	898.8	871.0	850.7
152.5°	978.1	982.8	1001.4	1020.1	1001.4	982.8	978.1	942.4	894.7	871.0	852.6
155°	956.2	959.3	971.7	984.0	971.7	959.3	956.2	927.8	889.9	871.0	857.0
157.5°	937.2	939.4	948.1	956.8	948.1	939.4	937.2	915.2	885.7	871.0	861.3
160°	927.8	929.0	934.1	939.1	934.1	929.0	927.8	908.9	883.6	871.0	863.3
162.5°	918.9	920.0	924.8	929.6	924.8	920.0	918.9	903.0	881.7	871.0	865.4
165°	905.3	906.6	911.5	916.5	911.5	906.6	905.3	893.9	878.6	871.0	868.5
167.5°	899.4	899.9	902.0	904.1	902.0	899.9	899.4	891.9	881.8	876.9	874.8
170°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	891.9	881.8	876.9	876.8
172.5°	894.6	894.2	892.4	890.5	892.4	894.2	894.6	888.7	880.8	876.9	876.9
175°	888.2	888.2	888.2	888.2	888.2	888.2	888.2	884.4	879.4	876.9	878.0
177.5°	886.9	886.4	884.3	882.2	884.3	886.4	886.9	883.9	880.0	878.0	879.0
180°	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2	882.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3416.2	3416.2	3416.2	3416.2	3416.2
2.5°	3374.2	3390.3	3400.1	3413.0	3445.3
5°	3244.9	3306.3	3325.7	3374.2	3432.4
7.5°	2960.5	3148.0	3199.6	3316.0	3406.5
10°	2685.7	2873.2	2963.7	3238.4	3374.2
12.5°	2546.8	2656.7	2718.1	3102.7	3328.9
15°	2459.5	2537.1	2582.3	2921.7	3277.3
17.5°	2391.7	2446.6	2478.9	2744.0	3206.1
20°	2349.7	2375.5	2404.6	2614.7	3125.3
22.5°	2320.6	2304.4	2327.0	2524.2	3015.4
25°	2301.2	2239.8	2265.6	2453.1	2886.2
27.5°	2317.3	2181.6	2191.2	2388.5	2750.4
30°	2320.6	2110.5	2113.7	2320.6	2598.6
32.5°	2297.9	2036.2	2039.4	2236.5	2427.2
35°	2243.0	1948.9	1945.6	2139.6	2194.5
37.5°	2168.6	1855.2	1855.2	2032.9	1939.2
40°	2078.2	1761.4	1771.1	1894.0	1713.0
42.5°	1968.3	1661.2	1674.2	1709.7	1544.9
45°	1848.7	1564.3	1573.9	1444.7	1415.6
47.5°	1716.2	1464.1	1467.4	1199.1	1373.6
50°	1557.8	1360.7	1347.7	1027.8	1370.3
52.5°	1418.8	1247.5	1208.7	930.8	1244.3
55°	1283.1	1128.0	1043.9	856.4	1153.8
57.5°	1163.5	972.9	892.1	769.3	1134.4
60°	1053.7	820.9	759.5	675.5	1040.7
62.5°	963.1	707.8	694.9	610.8	943.7
65°	866.2	630.2	627.0	555.9	801.5
67.5°	772.4	578.5	575.3	504.1	610.8
70°	672.2	523.6	517.1	449.2	452.5
72.5°	568.8	462.2	455.7	404.0	374.9
75°	465.4	391.1	387.8	352.3	303.8
77.5°	365.2	310.3	316.8	284.4	223.0
80°	261.8	226.2	232.7	203.6	168.1
82.5°	174.6	148.7	155.1	129.3	113.1
85°	96.9	84.0	87.3	67.9	51.7
87.5°	45.3	38.8	38.8	25.9	16.1
90°	26.1	16.6	15.5	10.7	5.9
92.5°	160.7	114.3	104.3	64.0	23.7
95°	395.3	222.6	204.2	130.5	56.8
97.5°	532.5	244.6	228.3	163.3	98.3
100°	582.5	262.9	248.2	189.2	130.3
102.5°	605.3	281.2	267.5	212.5	157.5
105°	622.3	308.5	296.8	250.3	203.7
107.5°	625.4	348.8	337.9	294.5	251.1
110°	620.7	371.2	361.4	322.2	283.1



TEST NUMBER: P935004

CATALOG NUMBER: SQ4-FA-075U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	620.8	398.4	389.1	351.7	314.4
115°	626.6	439.3	430.7	396.2	361.8
117.5°	638.3	479.0	471.2	439.9	408.5
120°	647.7	502.0	494.7	465.2	435.8
122.5°	661.3	529.4	521.9	492.2	462.4
125°	679.7	564.2	557.4	530.4	503.3
127.5°	698.1	598.0	591.1	563.8	536.4
130°	711.5	620.5	613.1	583.6	554.2
132.5°	722.4	638.9	631.5	602.0	572.5
135°	734.2	660.2	653.5	626.6	599.7
137.5°	752.0	687.4	680.7	654.2	627.6
140°	762.8	705.7	699.6	675.2	650.7
142.5°	771.9	719.4	713.8	691.1	668.5
145°	783.8	740.1	735.2	715.5	695.7
147.5°	801.1	766.2	761.4	742.1	722.9
150°	810.1	779.8	775.5	758.1	740.7
152.5°	816.0	788.6	785.4	772.2	759.0
155°	829.1	808.2	805.7	796.0	786.3
157.5°	842.1	827.7	825.3	815.9	806.4
160°	848.0	836.6	834.8	827.4	820.1
162.5°	854.4	846.1	844.7	839.2	833.6
165°	863.4	859.7	858.4	853.4	848.4
167.5°	870.6	867.4	866.9	864.5	862.1
170°	876.5	876.3	875.7	873.3	871.0
172.5°	876.9	876.9	876.8	876.2	875.7
175°	880.4	882.2	882.2	882.2	882.2
177.5°	880.8	882.2	882.2	882.2	882.2
180°	882.2	882.2	882.2	882.2	882.2



TEST NUMBER: P935004  
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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	15.35	16.31	16.21	17.19	18.30	18.18	19.15	19.04	20.03	21.14
	3H	15.83	16.70	16.70	17.59	18.72	19.54	20.41	20.41	21.30	22.43
	4H	16.03	16.85	16.91	17.74	18.89	19.99	20.81	20.88	21.71	22.85
	6H	16.15	16.91	17.05	17.81	18.97	20.28	21.04	21.18	21.94	23.10
	8H	16.16	16.88	17.06	17.80	18.95	20.36	21.08	21.27	22.00	23.16
	12H	16.13	16.82	17.04	17.73	18.91	20.41	21.09	21.32	22.00	23.19
4H	2H	16.39	17.21	17.29	18.11	19.25	18.61	19.43	19.50	20.32	21.47
	3H	17.43	18.11	18.33	19.04	20.20	20.12	20.81	21.03	21.73	22.89
	4H	17.71	18.33	18.63	19.26	20.44	20.66	21.28	21.57	22.20	23.39
	6H	17.84	18.38	18.77	19.33	20.51	21.03	21.57	21.96	22.52	23.70
	8H	17.85	18.35	18.78	19.29	20.49	21.14	21.64	22.07	22.58	23.79
	12H	17.82	18.28	18.77	19.23	20.44	21.20	21.66	22.16	22.62	23.82
8H	4H	18.17	18.68	19.11	19.62	20.82	20.79	21.29	21.72	22.23	23.43
	6H	18.44	18.86	19.40	19.84	21.04	21.23	21.65	22.19	22.63	23.83
	8H	18.48	18.85	19.45	19.82	21.04	21.39	21.76	22.36	22.73	23.95
	12H	18.47	18.80	19.44	19.76	21.03	21.49	21.82	22.46	22.78	24.05
12H	4H	18.19	18.64	19.14	19.60	20.80	20.76	21.21	21.71	22.17	23.38
	6H	18.50	18.87	19.47	19.84	21.06	21.23	21.60	22.20	22.57	23.79
	8H	18.57	18.90	19.54	19.86	21.13	21.40	21.72	22.37	22.69	23.96