

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: P934943

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

**Test Information**

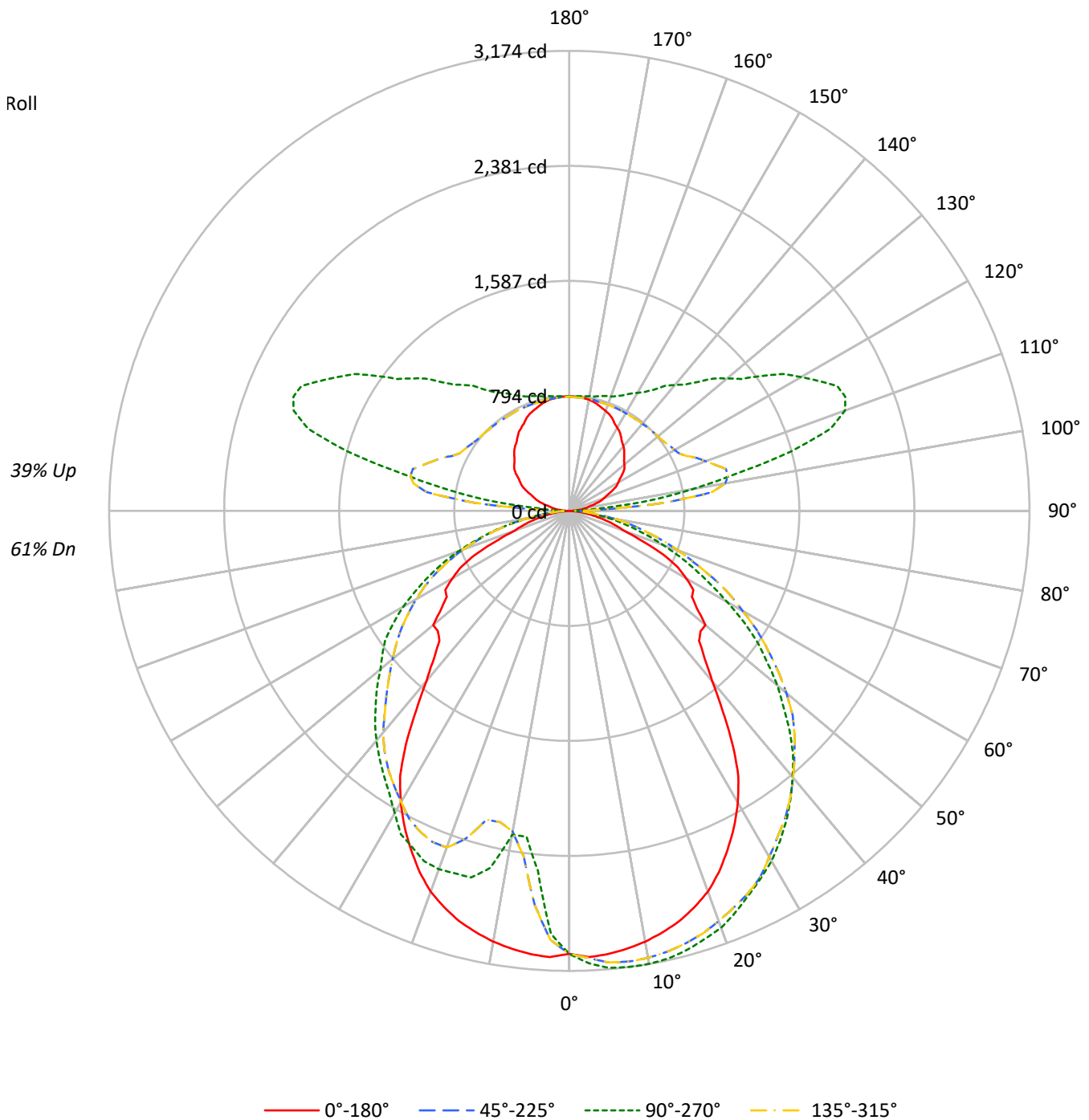
Test Method: LM-79-2019  
Report Number: P934943  
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13040.0 lumens  
Efficiency: N/A  
Efficacy: 105.2 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





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

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

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14281	14310	14281	11252
10°	14186	14096	14186	10078
15°	14032	13790	14032	11515
20°	13738	13428	13738	11539
25°	13138	12901	13138	11295
30°	12362	12463	12362	10758
35°	11020	11909	11020	10168
40°	9182	11256	9182	9722
45°	8205	10493	8205	9209
50°	8716	9582	8716	8695
55°	8201	8601	8201	8398
60°	8453	7305	8453	7691
65°	7665	6039	7665	6750
70°	5308	4812	5308	5658
75°	4653	3557	4653	4259
80°	3750	2352	3750	2561
85°	2152	1245	2152	1059

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12575 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	275.8	2.1
10°-20°	783.1	6.0
20°-30°	1210.5	9.3
30°-40°	1445.1	11.1
40°-50°	1453.5	11.1
50°-60°	1264.8	9.7
60°-70°	896.7	6.9
70°-80°	474.4	3.6
80°-90°	121.2	0.9
90°-100°	384.6	2.9
100°-110°	1011.1	7.8
110°-120°	1048.5	8.0
120°-130°	841.0	6.4
130°-140°	659.9	5.1
140°-150°	506.5	3.9
150°-160°	364.8	2.8
160°-170°	223.2	1.7
170°-180°	75.4	0.6
0°-30°	2269.4	17.4
0°-40°	3714.4	28.5
0°-60°	6432.7	49.3
0°-90°	7925.1	60.8
90°-120°	2444.2	18.7
90°-150°	4451.6	34.1
90°-180°	5115.0	39.2
0°-180°	13040.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3055	3055	3055	3055	3055	
5°	3070	3165	3070	2489	3070	291
15°	2931	3136	2931	2619	2931	825
25°	2581	2925	2581	2561	2581	1185
35°	1963	2610	1963	2229	1963	1214
45°	1266	2151	1266	1888	1266	1014
55°	1032	1587	1032	1549	1032	948
65°	717	957	717	1070	717	685
75°	272	454	272	543	272	286
85°	46	116	46	98	46	62
90°	5	20	5	20	5	6
95°	51	232	51	232	51	56
105°	182	1583	182	1583	182	193
115°	324	2039	324	2039	324	320
125°	450	1624	450	1624	450	400
135°	536	1260	536	1260	536	415
145°	622	1022	622	1022	622	390
155°	703	880	703	880	703	323
165°	759	820	759	820	759	214
175°	789	794	789	794	789	75
180°	789	789	789	789	789	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3081.4	3081.4	3098.7	3104.5	3104.5	3095.9	3087.2	3095.9	3121.8	3130.5	3127.6
5°	3069.8	3093.0	3124.7	3130.5	3136.3	3133.5	3127.6	3133.5	3162.3	3168.1	3171.0
7.5°	3046.7	3090.1	3130.5	3139.2	3147.9	3139.2	3136.3	3142.1	3171.0	3176.8	3176.8
10°	3017.8	3078.5	3124.7	3130.5	3139.2	3130.5	3130.5	3142.1	3171.0	3176.8	3179.7
12.5°	2977.3	3061.1	3104.5	3110.3	3121.8	3118.9	3116.1	3127.6	3156.5	3162.3	3162.3
15°	2931.1	3029.3	3069.8	3075.6	3095.9	3090.1	3090.1	3101.6	3133.5	3142.1	3139.2
17.5°	2867.5	2988.9	3035.1	3043.8	3058.3	3055.4	3058.3	3069.8	3098.7	3104.5	3107.4
20°	2795.2	2933.9	2988.9	2997.6	3012.0	3012.0	3012.0	3026.4	3055.4	3066.9	3066.9
22.5°	2696.9	2876.2	2933.9	2939.7	2957.1	2957.1	2962.9	2983.1	3009.1	3012.0	3012.0
25°	2581.3	2812.6	2861.7	2879.0	2896.3	2905.1	2913.8	2925.3	2933.9	2931.1	2933.9
27.5°	2459.9	2731.6	2795.2	2806.8	2829.9	2838.6	2850.1	2853.0	2855.9	2864.6	2858.8
30°	2324.1	2618.9	2714.2	2725.9	2763.4	2769.2	2757.6	2763.4	2777.9	2783.7	2789.4
32.5°	2170.9	2451.3	2630.5	2656.5	2691.2	2673.8	2670.9	2679.6	2702.7	2702.7	2708.5
35°	1962.7	2321.2	2552.4	2575.5	2601.5	2581.3	2592.9	2595.8	2610.2	2618.9	2616.0
37.5°	1734.4	2208.4	2471.5	2488.8	2509.1	2483.0	2500.4	2509.1	2520.6	2514.8	2514.8
40°	1532.0	2032.1	2376.1	2387.6	2405.0	2384.7	2402.1	2407.9	2413.7	2407.9	2405.0
42.5°	1381.7	1838.4	2274.9	2289.3	2277.8	2292.2	2298.0	2309.6	2300.9	2289.3	2289.3
45°	1266.1	1786.4	2165.0	2182.4	2165.0	2188.2	2196.9	2196.9	2170.9	2165.0	2162.1
47.5°	1228.5	1682.3	2055.2	2055.2	2046.6	2075.4	2089.9	2069.6	2043.7	2035.0	2035.0
50°	1225.6	1566.7	1904.9	1893.3	1933.8	1968.5	1954.1	1933.8	1913.6	1881.8	1881.8
52.5°	1112.8	1425.0	1711.2	1754.6	1818.2	1838.4	1815.3	1795.0	1760.4	1745.9	1734.4
55°	1032.0	1277.7	1535.0	1621.6	1688.1	1714.1	1670.8	1650.5	1598.5	1589.9	1584.1
57.5°	1014.6	1063.7	1373.0	1482.9	1563.8	1560.9	1535.0	1497.4	1454.0	1445.3	1442.5
60°	930.7	768.9	1199.6	1329.7	1413.5	1404.9	1381.7	1347.0	1306.6	1300.8	1295.0
62.5°	844.0	557.9	1003.0	1150.4	1269.0	1266.1	1245.8	1193.8	1164.9	1150.4	1138.9
65°	716.9	468.3	714.0	956.8	1127.4	1133.1	1089.8	1052.2	1020.3	1003.0	1000.2
67.5°	546.3	381.5	482.8	797.8	991.5	985.7	930.7	913.4	873.0	864.3	847.0
70°	404.7	254.4	335.3	647.5	858.5	844.0	800.7	780.5	742.9	722.7	711.1
72.5°	335.3	205.2	245.7	503.0	722.7	705.3	667.8	644.6	612.8	595.5	583.9
75°	271.7	216.8	187.9	372.9	586.8	575.3	540.6	517.4	491.4	468.3	471.1
77.5°	199.4	202.3	150.3	274.6	465.4	448.1	427.8	398.9	387.3	364.2	364.2
80°	150.3	159.0	112.7	187.9	335.3	335.3	318.0	297.7	277.5	266.0	266.0
82.5°	101.1	101.1	83.8	118.6	228.4	219.7	208.2	202.3	190.8	185.0	185.0
85°	46.2	57.8	52.0	72.3	124.3	130.1	130.1	124.3	121.4	115.6	118.6
87.5°	14.4	26.1	31.8	40.5	63.6	66.5	69.4	69.4	69.4	72.3	72.3
90°	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8	20.2	20.2
92.5°	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6	100.6	96.6
95°	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5	341.6	329.4
97.5°	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1	788.5	765.5
100°	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3	1107.3	1079.8
102.5°	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3	1379.5	1355.9
105°	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0	1697.2	1684.5
107.5°	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0	1862.4	1865.5
110°	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6	1904.8	1917.9



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6	1877.8	1898.0
115°	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3	1786.2	1814.3
117.5°	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6	1659.6	1690.7
120°	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5	1574.3	1604.6
122.5°	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6	1489.1	1518.9
125°	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9	1376.3	1403.8
127.5°	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9	1285.7	1308.9
130°	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4	1228.6	1250.0
132.5°	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7	1179.8	1199.0
135°	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7	1111.0	1127.5
137.5°	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4	1060.1	1073.6
140°	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0	1019.4	1032.0
142.5°	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9	990.8	1001.6
145°	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6	947.9	956.1
147.5°	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5	911.9	918.7
150°	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8	891.2	896.7
152.5°	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9	874.8	879.0
155°	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8	855.2	858.0
157.5°	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5	838.2	840.2
160°	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9	829.8	830.9
162.5°	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6	821.8	822.9
165°	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5	809.7	810.8
167.5°	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7	804.4	804.8
170°	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7	804.4	804.4
172.5°	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9	800.1	799.7
175°	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0	794.3	794.3
177.5°	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6	793.2	792.8
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3133.5	3124.7	3133.5	3127.6	3130.5	3121.8	3095.9	3087.2	3095.9	3104.5	3104.5
5°	3171.0	3165.2	3171.0	3171.0	3168.1	3162.3	3133.5	3127.6	3133.5	3136.3	3130.5
7.5°	3182.6	3173.9	3182.6	3176.8	3176.8	3171.0	3142.1	3136.3	3139.2	3147.9	3139.2
10°	3182.6	3173.9	3182.6	3179.7	3176.8	3171.0	3142.1	3130.5	3130.5	3139.2	3130.5
12.5°	3168.1	3162.3	3168.1	3162.3	3162.3	3156.5	3127.6	3116.1	3118.9	3121.8	3110.3
15°	3145.0	3136.3	3145.0	3139.2	3142.1	3133.5	3101.6	3090.1	3090.1	3095.9	3075.6
17.5°	3110.3	3098.7	3110.3	3107.4	3104.5	3098.7	3069.8	3058.3	3055.4	3058.3	3043.8
20°	3069.8	3061.1	3069.8	3066.9	3066.9	3055.4	3026.4	3012.0	3012.0	3012.0	2997.6
22.5°	3006.2	2997.6	3006.2	3012.0	3012.0	3009.1	2983.1	2962.9	2957.1	2957.1	2939.7
25°	2933.9	2925.3	2933.9	2933.9	2931.1	2933.9	2925.3	2913.8	2905.1	2896.3	2879.0
27.5°	2864.6	2858.8	2864.6	2858.8	2864.6	2855.9	2853.0	2850.1	2838.6	2829.9	2806.8
30°	2795.2	2789.4	2795.2	2789.4	2783.7	2777.9	2763.4	2757.6	2769.2	2763.4	2725.9
32.5°	2708.5	2702.7	2708.5	2708.5	2702.7	2702.7	2679.6	2670.9	2673.8	2691.2	2656.5
35°	2618.9	2610.2	2618.9	2616.0	2618.9	2610.2	2595.8	2592.9	2581.3	2601.5	2575.5
37.5°	2514.8	2506.2	2514.8	2514.8	2514.8	2520.6	2509.1	2500.4	2483.0	2509.1	2488.8
40°	2407.9	2396.3	2407.9	2405.0	2407.9	2413.7	2407.9	2402.1	2384.7	2405.0	2387.6
42.5°	2286.5	2283.6	2286.5	2289.3	2289.3	2300.9	2309.6	2298.0	2292.2	2277.8	2289.3
45°	2156.4	2150.6	2156.4	2162.1	2165.0	2170.9	2196.9	2196.9	2188.2	2165.0	2182.4
47.5°	2017.6	2003.2	2017.6	2035.0	2035.0	2043.7	2069.6	2089.9	2075.4	2046.6	2055.2
50°	1870.2	1873.1	1870.2	1881.8	1881.8	1913.6	1933.8	1954.1	1968.5	1933.8	1893.3
52.5°	1725.7	1722.8	1725.7	1734.4	1745.9	1760.4	1795.0	1815.3	1838.4	1818.2	1754.6
55°	1581.2	1587.0	1581.2	1584.1	1589.9	1598.5	1650.5	1670.8	1714.1	1688.1	1621.6
57.5°	1436.6	1427.9	1436.6	1442.5	1445.3	1454.0	1497.4	1535.0	1560.9	1563.8	1482.9
60°	1269.0	1257.4	1269.0	1295.0	1300.8	1306.6	1347.0	1381.7	1404.9	1413.5	1329.7
62.5°	1121.6	1101.3	1121.6	1138.9	1150.4	1164.9	1193.8	1245.8	1266.1	1269.0	1150.4
65°	965.4	956.8	965.4	1000.2	1003.0	1020.3	1052.2	1089.8	1133.1	1127.4	956.8
67.5°	823.8	823.8	823.8	847.0	864.3	873.0	913.4	930.7	985.7	991.5	797.8
70°	693.7	690.8	693.7	711.1	722.7	742.9	780.5	800.7	844.0	858.5	647.5
72.5°	569.4	566.5	569.4	583.9	595.5	612.8	644.6	667.8	705.3	722.7	503.0
75°	459.6	453.8	459.6	471.1	468.3	491.4	517.4	540.6	575.3	586.8	372.9
77.5°	352.7	352.7	352.7	364.2	364.2	387.3	398.9	427.8	448.1	465.4	274.6
80°	263.1	260.2	263.1	266.0	266.0	277.5	297.7	318.0	335.3	335.3	187.9
82.5°	185.0	179.2	185.0	185.0	185.0	190.8	202.3	208.2	219.7	228.4	118.6
85°	115.6	115.6	115.6	118.6	115.6	121.4	124.3	130.1	130.1	124.3	72.3
87.5°	75.2	72.3	75.2	72.3	72.3	69.4	69.4	69.4	66.5	63.6	40.5
90°	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6	23.3	14.9
92.5°	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0	143.7	102.2
95°	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5	353.5	199.1
97.5°	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6	476.3	218.7
100°	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0	520.9	235.1
102.5°	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8	541.3	251.5
105°	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7	556.5	275.9
107.5°	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3	559.4	311.9
110°	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6	555.1	332.0





TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6	555.3	356.3
115°	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7	560.4	392.9
117.5°	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8	570.9	428.4
120°	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0	579.3	449.0
122.5°	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9	591.5	473.4
125°	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6	607.9	504.6
127.5°	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7	624.4	534.9
130°	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9	636.3	554.9
132.5°	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6	646.1	571.4
135°	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9	656.7	590.5
137.5°	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5	672.5	614.8
140°	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3	682.2	631.2
142.5°	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0	690.4	643.4
145°	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0	701.0	661.9
147.5°	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1	716.5	685.3
150°	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9	724.6	697.4
152.5°	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6	729.9	705.3
155°	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5	741.6	722.8
157.5°	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3	753.2	740.3
160°	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1	758.5	748.2
162.5°	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0	764.2	756.8
165°	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7	772.2	768.9
167.5°	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4	778.6	775.8
170°	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2	783.9	783.7
172.5°	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3	787.4	789.0
177.5°	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1	787.8	789.0
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3098.7	3081.4	3081.4	3052.5	3041.0	3032.2	3017.8	2974.4	2962.9	2951.3	2968.7
5°	3124.7	3093.0	3069.8	3017.8	2974.4	2957.1	2902.2	2798.1	2728.8	2676.7	2647.8
7.5°	3130.5	3090.1	3046.7	2965.8	2861.7	2815.5	2647.8	2457.0	2405.0	2358.8	2329.8
10°	3124.7	3078.5	3017.8	2896.3	2650.7	2569.7	2402.1	2277.8	2246.0	2237.3	2246.0
12.5°	3104.5	3061.1	2977.3	2775.0	2431.0	2376.1	2277.8	2205.5	2199.7	2214.2	2292.2
15°	3069.8	3029.3	2931.1	2613.1	2309.6	2269.2	2199.7	2173.8	2205.5	2306.7	2540.9
17.5°	3035.1	2988.9	2867.5	2454.2	2217.1	2188.2	2139.1	2191.1	2370.3	2506.2	2584.2
20°	2988.9	2933.9	2795.2	2338.5	2150.6	2124.6	2101.5	2335.6	2471.5	2520.6	2564.0
22.5°	2933.9	2876.2	2696.9	2257.5	2081.3	2061.0	2075.4	2416.6	2471.5	2506.2	2543.8
25°	2861.7	2812.6	2581.3	2194.0	2026.3	2003.2	2058.1	2407.9	2439.6	2448.4	2523.5
27.5°	2795.2	2731.6	2459.9	2136.2	1959.8	1951.2	2072.5	2370.3	2393.4	2402.1	2483.0
30°	2714.2	2618.9	2324.1	2075.4	1890.4	1887.5	2075.4	2324.1	2318.3	2341.4	2422.3
32.5°	2630.5	2451.3	2170.9	2000.3	1824.0	1821.1	2055.2	2254.6	2248.9	2280.7	2341.4
35°	2552.4	2321.2	1962.7	1913.6	1740.1	1743.0	2006.1	2173.8	2176.7	2205.5	2243.1
37.5°	2471.5	2208.4	1734.4	1818.2	1659.2	1659.2	1939.6	2098.6	2092.8	2101.5	2153.5
40°	2376.1	2032.1	1532.0	1693.9	1584.1	1575.4	1858.7	2017.6	1997.4	1994.6	2066.8
42.5°	2274.9	1838.4	1381.7	1529.1	1497.4	1485.8	1760.4	1919.4	1881.8	1890.4	1982.9
45°	2165.0	1786.4	1266.1	1292.1	1407.7	1399.1	1653.4	1806.7	1780.6	1803.7	1899.2
47.5°	2055.2	1682.3	1228.5	1072.4	1312.4	1309.5	1535.0	1696.8	1682.3	1705.4	1806.7
50°	1904.9	1566.7	1225.6	919.2	1205.3	1217.0	1393.3	1589.9	1589.9	1610.0	1717.1
52.5°	1711.2	1425.0	1112.8	832.5	1081.1	1115.7	1269.0	1497.4	1503.1	1523.3	1618.7
55°	1535.0	1277.7	1032.0	766.0	933.6	1008.8	1147.6	1402.0	1413.5	1433.7	1520.4
57.5°	1373.0	1063.7	1014.6	688.0	797.8	870.1	1040.6	1309.5	1315.2	1332.6	1416.4
60°	1199.6	768.9	930.7	604.1	679.3	734.2	942.4	1199.6	1219.9	1231.4	1303.7
62.5°	1003.0	557.9	844.0	546.3	621.5	633.1	861.4	1095.5	1121.6	1130.3	1173.6
65°	714.0	468.3	716.9	497.2	560.7	563.6	774.7	988.6	1011.7	1026.1	1057.9
67.5°	482.8	381.5	546.3	450.9	514.5	517.4	690.8	864.3	896.1	907.7	927.9
70°	335.3	254.4	404.7	401.8	462.5	468.3	601.2	751.5	780.5	789.1	800.7
72.5°	245.7	205.2	335.3	361.3	407.6	413.4	508.7	624.4	653.2	661.9	667.8
75°	187.9	216.8	271.7	315.1	346.9	349.8	416.2	508.7	529.0	534.8	537.7
77.5°	150.3	202.3	199.4	254.4	283.3	277.5	326.6	393.2	410.5	410.5	410.5
80°	112.7	159.0	150.3	182.1	208.2	202.3	234.1	280.4	286.1	291.9	289.0
82.5°	83.8	101.1	101.1	115.6	138.7	133.0	156.1	182.1	182.1	182.1	187.9
85°	52.0	57.8	46.2	60.7	78.1	75.2	86.7	98.3	101.1	101.1	95.4
87.5°	31.8	26.1	14.4	23.1	34.7	34.7	40.5	43.4	40.5	40.5	40.5
90°	13.8	9.6	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8
92.5°	93.3	57.2	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6
95°	182.6	116.8	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5
97.5°	204.2	146.1	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1
100°	222.0	169.2	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3
102.5°	239.2	190.0	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3
105°	265.5	223.9	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0
107.5°	302.2	263.4	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0
110°	323.2	288.2	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	348.0	314.6	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6
115°	385.2	354.4	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3
117.5°	421.4	393.4	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6
120°	442.4	416.0	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5
122.5°	466.8	440.2	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6
125°	498.6	474.4	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9
127.5°	528.7	504.3	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9
130°	548.4	522.0	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4
132.5°	564.8	538.4	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7
135°	584.5	560.4	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7
137.5°	608.8	585.1	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4
140°	625.7	603.9	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0
142.5°	638.4	618.1	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9
145°	657.5	639.9	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6
147.5°	681.0	663.7	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5
150°	693.6	678.0	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8
152.5°	702.4	690.6	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9
155°	720.6	711.9	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8
157.5°	738.1	729.7	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5
160°	746.6	740.0	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9
162.5°	755.5	750.5	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6
165°	767.8	763.2	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5
167.5°	775.3	773.2	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7
170°	783.2	781.1	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7
172.5°	784.2	783.7	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9
175°	789.0	789.0	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0
177.5°	789.0	789.0	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	2948.4	2939.7	2951.3	2919.5	2951.3	2939.7	2948.4	2968.7	2951.3	2962.9	2974.4
5°	2587.1	2572.6	2526.4	2488.8	2526.4	2572.6	2587.1	2647.8	2676.7	2728.8	2798.1
7.5°	2312.5	2300.9	2289.3	2266.3	2289.3	2300.9	2312.5	2329.8	2358.8	2405.0	2457.0
10°	2251.8	2254.6	2272.0	2269.2	2272.0	2254.6	2251.8	2246.0	2237.3	2246.0	2277.8
12.5°	2407.9	2433.9	2529.2	2523.5	2529.2	2433.9	2407.9	2292.2	2214.2	2199.7	2205.5
15°	2587.1	2595.8	2616.0	2618.9	2616.0	2595.8	2587.1	2540.9	2306.7	2205.5	2173.8
17.5°	2604.4	2607.3	2621.7	2621.7	2621.7	2607.3	2604.4	2584.2	2506.2	2370.3	2191.1
20°	2590.0	2595.8	2624.6	2630.5	2624.6	2595.8	2590.0	2564.0	2520.6	2471.5	2335.6
22.5°	2584.2	2595.8	2618.9	2616.0	2618.9	2595.8	2584.2	2543.8	2506.2	2471.5	2416.6
25°	2555.3	2555.3	2558.2	2561.1	2558.2	2555.3	2555.3	2523.5	2448.4	2439.6	2407.9
27.5°	2494.6	2500.4	2517.7	2514.8	2517.7	2500.4	2494.6	2483.0	2402.1	2393.4	2370.3
30°	2439.6	2433.9	2419.4	2407.9	2419.4	2433.9	2439.6	2422.3	2341.4	2318.3	2324.1
32.5°	2347.1	2332.7	2318.3	2309.6	2318.3	2332.7	2347.1	2341.4	2280.7	2248.9	2254.6
35°	2237.3	2240.2	2237.3	2228.7	2237.3	2240.2	2237.3	2243.1	2205.5	2176.7	2173.8
37.5°	2159.3	2165.0	2162.1	2150.6	2162.1	2165.0	2159.3	2153.5	2101.5	2092.8	2098.6
40°	2078.3	2081.3	2078.3	2069.6	2078.3	2081.3	2078.3	2066.8	1994.6	1997.4	2017.6
42.5°	2000.3	1997.4	1988.8	1982.9	1988.8	1997.4	2000.3	1982.9	1890.4	1881.8	1919.4
45°	1910.7	1913.6	1896.2	1887.5	1896.2	1913.6	1910.7	1899.2	1803.7	1780.6	1806.7
47.5°	1821.1	1821.1	1806.7	1797.9	1806.7	1821.1	1821.1	1806.7	1705.4	1682.3	1696.8
50°	1725.7	1722.8	1702.5	1699.7	1702.5	1722.8	1725.7	1717.1	1610.0	1589.9	1589.9
52.5°	1615.8	1615.8	1618.7	1624.6	1618.7	1615.8	1615.8	1618.7	1523.3	1503.1	1497.4
55°	1520.4	1523.3	1543.6	1549.4	1543.6	1523.3	1520.4	1520.4	1433.7	1413.5	1402.0
57.5°	1422.2	1422.2	1436.6	1436.6	1436.6	1422.2	1422.2	1416.4	1332.6	1315.2	1309.5
60°	1309.5	1315.2	1326.8	1323.9	1326.8	1315.2	1309.5	1303.7	1231.4	1219.9	1199.6
62.5°	1190.9	1196.7	1199.6	1193.8	1199.6	1196.7	1190.9	1173.6	1130.3	1121.6	1095.5
65°	1066.6	1072.4	1075.3	1069.5	1075.3	1072.4	1066.6	1057.9	1026.1	1011.7	988.6
67.5°	939.5	936.6	933.6	945.3	933.6	936.6	939.5	927.9	907.7	896.1	864.3
70°	809.4	809.4	806.5	812.3	806.5	809.4	809.4	800.7	789.1	780.5	751.5
72.5°	670.7	667.8	679.3	670.7	679.3	667.8	670.7	667.8	661.9	653.2	624.4
75°	534.8	540.6	534.8	543.4	534.8	540.6	534.8	537.7	534.8	529.0	508.7
77.5°	407.6	413.4	407.6	407.6	407.6	413.4	407.6	410.5	410.5	410.5	393.2
80°	289.0	286.1	286.1	283.3	286.1	286.1	289.0	289.0	291.9	286.1	280.4
82.5°	185.0	182.1	182.1	187.9	182.1	182.1	185.0	187.9	182.1	182.1	182.1
85°	101.1	104.0	98.3	98.3	98.3	104.0	101.1	95.4	101.1	101.1	98.3
87.5°	37.6	34.7	34.7	34.7	34.7	34.7	37.6	40.5	40.5	40.5	43.4
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6
92.5°	100.6	96.6	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0
95°	341.6	329.4	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5
97.5°	788.5	765.5	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6
100°	1107.3	1079.8	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0
102.5°	1379.5	1355.9	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8
105°	1697.2	1684.5	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7
107.5°	1862.4	1865.5	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3
110°	1904.8	1917.9	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1877.8	1898.0	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6
115°	1786.2	1814.3	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7
117.5°	1659.6	1690.7	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8
120°	1574.3	1604.6	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0
122.5°	1489.1	1518.9	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9
125°	1376.3	1403.8	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6
127.5°	1285.7	1308.9	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7
130°	1228.6	1250.0	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9
132.5°	1179.8	1199.0	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6
135°	1111.0	1127.5	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9
137.5°	1060.1	1073.6	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5
140°	1019.4	1032.0	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3
142.5°	990.8	1001.6	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0
145°	947.9	956.1	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0
147.5°	911.9	918.7	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1
150°	891.2	896.7	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9
152.5°	874.8	879.0	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6
155°	855.2	858.0	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5
157.5°	838.2	840.2	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3
160°	829.8	830.9	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1
162.5°	821.8	822.9	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0
165°	809.7	810.8	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7
167.5°	804.4	804.8	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4
170°	804.4	804.4	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2
172.5°	800.1	799.7	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3
177.5°	793.2	792.8	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3017.8	3032.2	3041.0	3052.5	3081.4
5°	2902.2	2957.1	2974.4	3017.8	3069.8
7.5°	2647.8	2815.5	2861.7	2965.8	3046.7
10°	2402.1	2569.7	2650.7	2896.3	3017.8
12.5°	2277.8	2376.1	2431.0	2775.0	2977.3
15°	2199.7	2269.2	2309.6	2613.1	2931.1
17.5°	2139.1	2188.2	2217.1	2454.2	2867.5
20°	2101.5	2124.6	2150.6	2338.5	2795.2
22.5°	2075.4	2061.0	2081.3	2257.5	2696.9
25°	2058.1	2003.2	2026.3	2194.0	2581.3
27.5°	2072.5	1951.2	1959.8	2136.2	2459.9
30°	2075.4	1887.5	1890.4	2075.4	2324.1
32.5°	2055.2	1821.1	1824.0	2000.3	2170.9
35°	2006.1	1743.0	1740.1	1913.6	1962.7
37.5°	1939.6	1659.2	1659.2	1818.2	1734.4
40°	1858.7	1575.4	1584.1	1693.9	1532.0
42.5°	1760.4	1485.8	1497.4	1529.1	1381.7
45°	1653.4	1399.1	1407.7	1292.1	1266.1
47.5°	1535.0	1309.5	1312.4	1072.4	1228.5
50°	1393.3	1217.0	1205.3	919.2	1225.6
52.5°	1269.0	1115.7	1081.1	832.5	1112.8
55°	1147.6	1008.8	933.6	766.0	1032.0
57.5°	1040.6	870.1	797.8	688.0	1014.6
60°	942.4	734.2	679.3	604.1	930.7
62.5°	861.4	633.1	621.5	546.3	844.0
65°	774.7	563.6	560.7	497.2	716.9
67.5°	690.8	517.4	514.5	450.9	546.3
70°	601.2	468.3	462.5	401.8	404.7
72.5°	508.7	413.4	407.6	361.3	335.3
75°	416.2	349.8	346.9	315.1	271.7
77.5°	326.6	277.5	283.3	254.4	199.4
80°	234.1	202.3	208.2	182.1	150.3
82.5°	156.1	133.0	138.7	115.6	101.1
85°	86.7	75.2	78.1	60.7	46.2
87.5°	40.5	34.7	34.7	23.1	14.4
90°	23.3	14.9	13.8	9.6	5.3
92.5°	143.7	102.2	93.3	57.2	21.2
95°	353.5	199.1	182.6	116.8	50.8
97.5°	476.3	218.7	204.2	146.1	87.9
100°	520.9	235.1	222.0	169.2	116.5
102.5°	541.3	251.5	239.2	190.0	140.8
105°	556.5	275.9	265.5	223.9	182.2
107.5°	559.4	311.9	302.2	263.4	224.6
110°	555.1	332.0	323.2	288.2	253.2



TEST NUMBER: P934943

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	555.3	356.3	348.0	314.6	281.2
115°	560.4	392.9	385.2	354.4	323.5
117.5°	570.9	428.4	421.4	393.4	365.4
120°	579.3	449.0	442.4	416.0	389.7
122.5°	591.5	473.4	466.8	440.2	413.6
125°	607.9	504.6	498.6	474.4	450.1
127.5°	624.4	534.9	528.7	504.3	479.8
130°	636.3	554.9	548.4	522.0	495.7
132.5°	646.1	571.4	564.8	538.4	512.0
135°	656.7	590.5	584.5	560.4	536.4
137.5°	672.5	614.8	608.8	585.1	561.3
140°	682.2	631.2	625.7	603.9	582.0
142.5°	690.4	643.4	638.4	618.1	597.9
145°	701.0	661.9	657.5	639.9	622.2
147.5°	716.5	685.3	681.0	663.7	646.6
150°	724.6	697.4	693.6	678.0	662.5
152.5°	729.9	705.3	702.4	690.6	678.9
155°	741.6	722.8	720.6	711.9	703.2
157.5°	753.2	740.3	738.1	729.7	721.2
160°	758.5	748.2	746.6	740.0	733.4
162.5°	764.2	756.8	755.5	750.5	745.6
165°	772.2	768.9	767.8	763.2	758.8
167.5°	778.6	775.8	775.3	773.2	771.0
170°	783.9	783.7	783.2	781.1	779.0
172.5°	784.3	784.3	784.2	783.7	783.2
175°	787.4	789.0	789.0	789.0	789.0
177.5°	787.8	789.0	789.0	789.0	789.0
180°	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934943  
 CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-2700K

**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.96	15.93	15.82	16.81	17.91	17.80	18.76	18.65	19.64	20.75
	3H	15.44	16.31	16.31	17.20	18.34	19.15	20.02	20.02	20.91	22.04
	4H	15.64	16.46	16.53	17.36	18.50	19.60	20.42	20.49	21.32	22.46
	6H	15.76	16.52	16.66	17.42	18.58	19.90	20.65	20.79	21.55	22.71
	8H	15.77	16.49	16.68	17.41	18.57	19.97	20.69	20.88	21.61	22.77
	12H	15.74	16.43	16.66	17.34	18.53	20.02	20.70	20.93	21.62	22.80
4H	2H	16.01	16.83	16.90	17.72	18.87	18.22	19.04	19.11	19.93	21.08
	3H	17.04	17.73	17.95	18.65	19.81	19.74	20.42	20.64	21.35	22.51
	4H	17.32	17.95	18.24	18.87	20.06	20.27	20.89	21.19	21.82	23.00
	6H	17.45	17.99	18.38	18.94	20.13	20.64	21.18	21.57	22.13	23.32
	8H	17.46	17.96	18.39	18.91	20.11	20.75	21.26	21.69	22.20	23.40
	12H	17.43	17.89	18.39	18.85	20.05	20.82	21.27	21.77	22.23	23.43
8H	4H	17.79	18.29	18.72	19.23	20.43	20.40	20.90	21.33	21.85	23.05
	6H	18.05	18.47	19.01	19.45	20.65	20.85	21.26	21.80	22.24	23.44
	8H	18.10	18.46	19.06	19.44	20.65	21.00	21.37	21.97	22.34	23.56
	12H	18.09	18.41	19.06	19.37	20.64	21.10	21.43	22.08	22.39	23.66
12H	4H	17.80	18.25	18.75	19.21	20.42	20.37	20.82	21.32	21.78	22.99
	6H	18.11	18.48	19.08	19.46	20.67	20.84	21.21	21.81	22.18	23.40
	8H	18.19	18.51	19.16	19.48	20.74	21.01	21.33	21.98	22.30	23.57