

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: P934964

Luminaire Tested: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

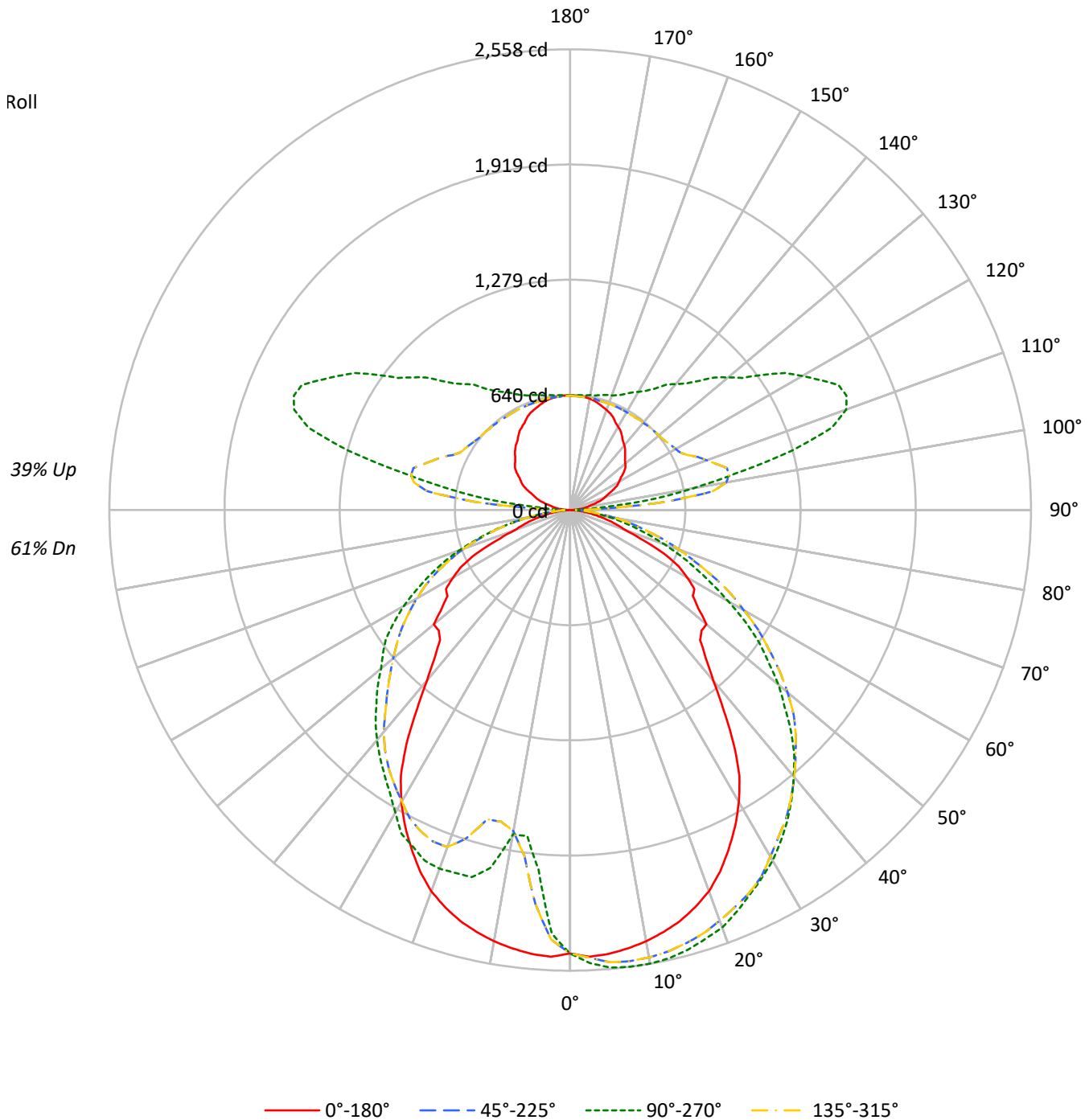
Test Method: LM-79-2019  
Report Number: P934964  
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10507.6 lumens  
Efficiency: N/A  
Efficacy: 113.0 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 93  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	15230	15230	15230	15230
5°	15338	15374	15338	12088
10°	15230	15144	15230	10827
15°	15059	14816	15059	12371
20°	14739	14428	14739	12398
25°	14088	13861	14088	12135
30°	13249	13390	13249	11559
35°	11806	12795	11806	10924
40°	9832	12094	9832	10445
45°	8779	11274	8779	9895
50°	9320	10295	9320	9342
55°	8759	9240	8759	9022
60°	9019	7848	9019	8263
65°	8164	6488	8164	7252
70°	5640	5171	5640	6079
75°	4928	3822	4928	4577
80°	3942	2526	3942	2751
85°	2224	1337	2224	1138

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13463 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	222.2	2.1
10°-20°	631.0	6.0
20°-30°	975.4	9.3
30°-40°	1164.4	11.1
40°-50°	1171.2	11.1
50°-60°	1019.1	9.7
60°-70°	722.6	6.9
70°-80°	382.3	3.6
80°-90°	97.6	0.9
90°-100°	309.9	2.9
100°-110°	814.8	7.8
110°-120°	844.9	8.0
120°-130°	677.7	6.4
130°-140°	531.7	5.1
140°-150°	408.1	3.9
150°-160°	293.9	2.8
160°-170°	179.8	1.7
170°-180°	60.8	0.6
0°-30°	1828.6	17.4
0°-40°	2993.0	28.5
0°-60°	5183.4	49.3
0°-90°	6385.9	60.8
90°-120°	1969.6	18.7
90°-150°	3587.2	34.1
90°-180°	4122.0	39.2
0°-180°	10507.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2462	2462	2462	2462	2462	
5°	2474	2550	2474	2005	2474	235
15°	2362	2527	2362	2110	2362	665
25°	2080	2357	2080	2064	2080	955
35°	1582	2103	1582	1796	1582	978
45°	1020	1733	1020	1521	1020	817
55°	832	1279	832	1248	832	764
65°	578	771	578	862	578	552
75°	219	366	219	438	219	230
85°	37	93	37	79	37	50
90°	4	16	4	16	4	5
95°	41	187	41	187	41	45
105°	147	1276	147	1276	147	156
115°	261	1643	261	1643	261	257
125°	363	1308	363	1308	363	322
135°	432	1015	432	1015	432	334
145°	501	824	501	824	501	314
155°	567	709	567	709	567	260
165°	612	661	612	661	612	173
175°	636	640	636	640	636	60
180°	636	636	636	636	636	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2482.9	2482.9	2497.0	2501.5	2501.5	2494.6	2487.6	2494.6	2515.6	2522.6	2520.2
5°	2473.6	2492.3	2517.9	2522.6	2527.2	2524.9	2520.2	2524.9	2548.2	2552.8	2555.1
7.5°	2455.0	2489.9	2522.6	2529.5	2536.5	2529.5	2527.2	2531.8	2555.1	2559.8	2559.8
10°	2431.7	2480.6	2517.9	2522.6	2529.5	2522.6	2522.6	2531.8	2555.1	2559.8	2562.1
12.5°	2399.1	2466.7	2501.5	2506.2	2515.6	2513.2	2510.9	2520.2	2543.5	2548.2	2548.2
15°	2361.9	2441.0	2473.6	2478.3	2494.6	2489.9	2489.9	2499.3	2524.9	2531.8	2529.5
17.5°	2310.6	2408.4	2445.7	2452.6	2464.3	2462.0	2464.3	2473.6	2497.0	2501.5	2503.9
20°	2252.4	2364.2	2408.4	2415.4	2427.0	2427.0	2427.0	2438.7	2462.0	2471.3	2471.3
22.5°	2173.2	2317.5	2364.2	2368.8	2382.8	2382.8	2387.5	2403.7	2424.7	2427.0	2427.0
25°	2080.0	2266.3	2305.9	2319.9	2333.9	2340.9	2347.8	2357.2	2364.2	2361.9	2364.2
27.5°	1982.1	2201.1	2252.4	2261.7	2280.3	2287.3	2296.6	2298.9	2301.3	2308.3	2303.6
30°	1872.6	2110.2	2187.1	2196.4	2226.7	2231.4	2222.1	2226.7	2238.3	2243.0	2247.7
32.5°	1749.2	1975.2	2119.6	2140.5	2168.5	2154.6	2152.2	2159.2	2177.8	2177.8	2182.5
35°	1581.6	1870.4	2056.7	2075.4	2096.3	2080.0	2089.3	2091.6	2103.3	2110.2	2107.9
37.5°	1397.6	1779.5	1991.5	2005.4	2021.8	2000.8	2014.8	2021.8	2031.0	2026.5	2026.5
40°	1234.5	1637.4	1914.6	1923.9	1937.9	1921.6	1935.6	1940.3	1944.9	1940.3	1937.9
42.5°	1113.3	1481.3	1833.1	1844.8	1835.4	1847.0	1851.7	1861.1	1854.0	1844.8	1844.8
45°	1020.2	1439.5	1744.5	1758.6	1744.5	1763.3	1770.2	1770.2	1749.2	1744.5	1742.2
47.5°	989.9	1355.6	1656.1	1656.1	1649.1	1672.4	1684.1	1667.7	1646.7	1639.7	1639.7
50°	987.6	1262.5	1534.9	1525.7	1558.2	1586.2	1574.6	1558.2	1541.9	1516.3	1516.3
52.5°	896.8	1148.3	1378.9	1413.8	1465.1	1481.3	1462.7	1446.5	1418.5	1406.8	1397.6
55°	831.5	1029.5	1236.8	1306.7	1360.3	1381.2	1346.3	1330.0	1288.1	1281.1	1276.4
57.5°	817.6	857.1	1106.4	1194.9	1260.1	1257.8	1236.8	1206.5	1171.6	1164.6	1162.3
60°	750.0	619.5	966.6	1071.4	1139.0	1132.0	1113.3	1085.4	1052.8	1048.2	1043.5
62.5°	680.1	449.6	808.2	927.1	1022.5	1020.2	1003.9	961.9	938.7	927.1	917.7
65°	577.7	377.4	575.3	771.0	908.4	913.0	878.1	847.9	822.3	808.2	805.9
67.5°	440.2	307.4	389.0	642.8	798.9	794.3	750.0	736.0	703.4	696.4	682.5
70°	326.1	205.0	270.2	521.7	691.8	680.1	645.2	628.9	598.6	582.3	573.0
72.5°	270.2	165.4	197.9	405.3	582.3	568.3	538.0	519.4	493.8	479.9	470.5
75°	219.0	174.7	151.4	300.5	472.8	463.5	435.5	416.9	396.0	377.4	379.7
77.5°	160.7	163.1	121.1	221.3	375.0	361.0	344.7	321.5	312.1	293.5	293.5
80°	121.1	128.1	90.9	151.4	270.2	270.2	256.2	239.9	223.6	214.3	214.3
82.5°	81.5	81.5	67.5	95.5	184.0	177.0	167.7	163.1	153.7	149.0	149.0
85°	37.3	46.6	41.9	58.3	100.1	104.8	104.8	100.1	97.8	93.1	95.5
87.5°	11.7	20.9	25.6	32.6	51.2	53.6	55.9	55.9	55.9	58.3	58.3
90°	4.2	7.6	11.1	11.9	18.7	27.8	32.4	28.8	21.7	16.2	16.2
92.5°	17.1	46.1	75.1	82.3	115.7	160.3	182.6	160.0	114.9	81.0	77.8
95°	40.9	94.1	147.1	160.4	284.9	450.9	533.8	476.4	361.4	275.2	265.5
97.5°	70.8	117.6	164.5	176.2	383.8	660.5	798.9	762.5	689.9	635.4	616.8
100°	93.9	136.4	178.9	189.5	419.8	726.8	880.3	883.0	888.3	892.3	870.2
102.5°	113.5	153.2	192.8	202.7	436.3	747.6	903.4	949.6	1042.2	1111.6	1092.6
105°	146.8	180.4	214.0	222.4	448.5	750.0	900.8	1004.5	1212.0	1367.6	1357.5
107.5°	181.0	212.3	243.6	251.4	450.8	716.6	849.6	994.3	1283.8	1500.8	1503.3
110°	204.0	232.3	260.4	267.5	447.3	687.1	806.9	968.7	1292.3	1534.9	1545.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	226.6	253.5	280.4	287.1	447.5	661.2	768.1	933.7	1264.8	1513.1	1529.4
115°	260.7	285.6	310.4	316.6	451.6	631.6	721.6	881.1	1200.1	1439.3	1461.9
117.5°	294.4	317.0	339.5	345.2	460.0	613.0	689.6	833.5	1121.4	1337.4	1362.4
120°	314.0	335.3	356.5	361.8	466.8	606.8	676.8	808.3	1071.3	1268.6	1293.0
122.5°	333.3	354.7	376.2	381.5	476.7	603.6	667.0	785.4	1022.2	1199.9	1223.9
125°	362.7	382.2	401.8	406.6	489.9	600.8	656.3	756.9	958.2	1109.0	1131.2
127.5°	386.6	406.4	426.0	430.9	503.1	599.3	647.3	733.7	906.5	1036.1	1054.8
130°	399.4	420.7	441.9	447.2	512.8	600.3	643.9	720.8	874.7	990.0	1007.3
132.5°	412.6	433.9	455.1	460.4	520.6	600.8	640.9	709.7	847.5	950.7	966.1
135°	432.2	451.6	471.0	475.8	529.1	600.3	635.8	693.4	808.8	895.2	908.5
137.5°	452.3	471.4	490.6	495.4	541.9	603.9	635.0	683.7	781.1	854.3	865.2
140°	468.9	486.6	504.3	508.7	549.8	604.6	631.9	674.0	758.3	821.4	831.6
142.5°	481.8	498.1	514.5	518.5	556.3	606.7	631.9	668.9	742.9	798.4	807.2
145°	501.4	515.7	529.8	533.4	564.8	606.8	627.7	658.0	718.5	763.8	770.4
147.5°	521.0	534.8	548.7	552.2	577.3	610.9	627.7	651.5	699.1	734.8	740.3
150°	533.8	546.3	558.9	562.0	583.9	613.1	627.7	647.8	688.0	718.2	722.7
152.5°	547.0	556.6	566.0	568.4	588.2	614.5	627.7	644.9	679.2	705.0	708.4
155°	566.7	573.7	580.7	582.5	597.5	617.6	627.7	641.4	668.7	689.2	691.4
157.5°	581.2	588.1	594.8	596.6	607.0	620.8	627.7	638.3	659.5	675.5	677.1
160°	591.0	596.3	601.6	602.9	611.2	622.2	627.7	636.8	655.0	668.6	669.6
162.5°	600.8	604.9	608.8	609.8	615.8	623.8	627.7	635.4	650.7	662.3	663.1
165°	611.5	615.1	618.7	619.6	622.3	625.9	627.7	633.2	644.2	652.5	653.4
167.5°	621.3	623.0	624.7	625.1	627.4	630.5	631.9	635.5	642.8	648.2	648.5
170°	627.7	629.4	631.1	631.6	631.6	631.8	631.9	635.5	642.8	648.2	648.2
172.5°	631.1	631.5	631.8	631.9	631.9	631.9	631.9	634.8	640.5	644.8	644.4
175°	635.8	635.8	635.8	635.8	634.5	632.8	631.9	633.8	637.3	640.1	640.1
177.5°	635.8	635.8	635.8	635.8	634.8	633.5	632.8	634.3	637.2	639.3	638.9
180°	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2524.9	2517.9	2524.9	2520.2	2522.6	2515.6	2494.6	2487.6	2494.6	2501.5	2501.5
5°	2555.1	2550.5	2555.1	2555.1	2552.8	2548.2	2524.9	2520.2	2524.9	2527.2	2522.6
7.5°	2564.5	2557.5	2564.5	2559.8	2559.8	2555.1	2531.8	2527.2	2529.5	2536.5	2529.5
10°	2564.5	2557.5	2564.5	2562.1	2559.8	2555.1	2531.8	2522.6	2522.6	2529.5	2522.6
12.5°	2552.8	2548.2	2552.8	2548.2	2548.2	2543.5	2520.2	2510.9	2513.2	2515.6	2506.2
15°	2534.2	2527.2	2534.2	2529.5	2531.8	2524.9	2499.3	2489.9	2489.9	2494.6	2478.3
17.5°	2506.2	2497.0	2506.2	2503.9	2501.5	2497.0	2473.6	2464.3	2462.0	2464.3	2452.6
20°	2473.6	2466.7	2473.6	2471.3	2471.3	2462.0	2438.7	2427.0	2427.0	2427.0	2415.4
22.5°	2422.3	2415.4	2422.3	2427.0	2427.0	2424.7	2403.7	2387.5	2382.8	2382.8	2368.8
25°	2364.2	2357.2	2364.2	2364.2	2361.9	2364.2	2357.2	2347.8	2340.9	2333.9	2319.9
27.5°	2308.3	2303.6	2308.3	2303.6	2308.3	2301.3	2298.9	2296.6	2287.3	2280.3	2261.7
30°	2252.4	2247.7	2252.4	2247.7	2243.0	2238.3	2226.7	2222.1	2231.4	2226.7	2196.4
32.5°	2182.5	2177.8	2182.5	2182.5	2177.8	2177.8	2159.2	2152.2	2154.6	2168.5	2140.5
35°	2110.2	2103.3	2110.2	2107.9	2110.2	2103.3	2091.6	2089.3	2080.0	2096.3	2075.4
37.5°	2026.5	2019.4	2026.5	2026.5	2026.5	2031.0	2021.8	2014.8	2000.8	2021.8	2005.4
40°	1940.3	1930.9	1940.3	1937.9	1940.3	1944.9	1940.3	1935.6	1921.6	1937.9	1923.9
42.5°	1842.5	1840.1	1842.5	1844.8	1844.8	1854.0	1861.1	1851.7	1847.0	1835.4	1844.8
45°	1737.6	1733.0	1737.6	1742.2	1744.5	1749.2	1770.2	1770.2	1763.3	1744.5	1758.6
47.5°	1625.8	1614.1	1625.8	1639.7	1639.7	1646.7	1667.7	1684.1	1672.4	1649.1	1656.1
50°	1507.0	1509.3	1507.0	1516.3	1516.3	1541.9	1558.2	1574.6	1586.2	1558.2	1525.7
52.5°	1390.6	1388.2	1390.6	1397.6	1406.8	1418.5	1446.5	1462.7	1481.3	1465.1	1413.8
55°	1274.0	1278.7	1274.0	1276.4	1281.1	1288.1	1330.0	1346.3	1381.2	1360.3	1306.7
57.5°	1157.6	1150.6	1157.6	1162.3	1164.6	1171.6	1206.5	1236.8	1257.8	1260.1	1194.9
60°	1022.5	1013.2	1022.5	1043.5	1048.2	1052.8	1085.4	1113.3	1132.0	1139.0	1071.4
62.5°	903.7	887.4	903.7	917.7	927.1	938.7	961.9	1003.9	1020.2	1022.5	927.1
65°	777.9	771.0	777.9	805.9	808.2	822.3	847.9	878.1	913.0	908.4	771.0
67.5°	663.9	663.9	663.9	682.5	696.4	703.4	736.0	750.0	794.3	798.9	642.8
70°	559.0	556.7	559.0	573.0	582.3	598.6	628.9	645.2	680.1	691.8	521.7
72.5°	458.8	456.6	458.8	470.5	479.9	493.8	519.4	538.0	568.3	582.3	405.3
75°	370.4	365.7	370.4	379.7	377.4	396.0	416.9	435.5	463.5	472.8	300.5
77.5°	284.2	284.2	284.2	293.5	293.5	312.1	321.5	344.7	361.0	375.0	221.3
80°	212.0	209.6	212.0	214.3	214.3	223.6	239.9	256.2	270.2	270.2	151.4
82.5°	149.0	144.4	149.0	149.0	149.0	153.7	163.1	167.7	177.0	184.0	95.5
85°	93.1	93.1	93.1	95.5	93.1	97.8	100.1	104.8	104.8	100.1	58.3
87.5°	60.6	58.3	60.6	58.3	58.3	55.9	55.9	55.9	53.6	51.2	32.6
90°	16.2	16.2	16.2	16.2	16.2	21.7	28.8	32.4	27.8	18.7	11.9
92.5°	64.9	52.0	64.9	77.8	81.0	114.9	160.0	182.6	160.3	115.7	82.3
95°	226.4	187.3	226.4	265.5	275.2	361.4	476.4	533.8	450.9	284.9	160.4
97.5°	542.4	468.1	542.4	616.8	635.4	689.9	762.5	798.9	660.5	383.8	176.2
100°	781.5	693.0	781.5	870.2	892.3	888.3	883.0	880.3	726.8	419.8	189.5
102.5°	1016.8	940.9	1016.8	1092.6	1111.6	1042.2	949.6	903.4	747.6	436.3	202.7
105°	1316.6	1275.9	1316.6	1357.5	1367.6	1212.0	1004.5	900.8	750.0	448.5	222.4
107.5°	1513.1	1522.9	1513.1	1503.3	1500.8	1283.8	994.3	849.6	716.6	450.8	251.4
110°	1588.0	1630.5	1588.0	1545.6	1534.9	1292.3	968.7	806.9	687.1	447.3	267.5





TEST NUMBER: P934964

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1594.7	1659.9	1594.7	1529.4	1513.1	1264.8	933.7	768.1	661.2	447.5	287.1
115°	1552.4	1642.9	1552.4	1461.9	1439.3	1200.1	881.1	721.6	631.6	451.6	316.6
117.5°	1462.7	1563.0	1462.7	1362.4	1337.4	1121.4	833.5	689.6	613.0	460.0	345.2
120°	1390.5	1488.0	1390.5	1293.0	1268.6	1071.3	808.3	676.8	606.8	466.8	361.8
122.5°	1320.1	1416.3	1320.1	1223.9	1199.9	1022.2	785.4	667.0	603.6	476.7	381.5
125°	1219.8	1308.4	1219.8	1131.2	1109.0	958.2	756.9	656.3	600.8	489.9	406.6
127.5°	1129.5	1204.2	1129.5	1054.8	1036.1	906.5	733.7	647.3	599.3	503.1	430.9
130°	1076.3	1145.3	1076.3	1007.3	990.0	874.7	720.8	643.9	600.3	512.8	447.2
132.5°	1028.0	1089.9	1028.0	966.1	950.7	847.5	709.7	640.9	600.8	520.6	460.4
135°	961.8	1015.2	961.8	908.5	895.2	808.8	693.4	635.8	600.3	529.1	475.8
137.5°	908.8	952.5	908.8	865.2	854.3	781.1	683.7	635.0	603.9	541.9	495.4
140°	872.5	913.2	872.5	831.6	821.4	758.3	674.0	631.9	604.6	549.8	508.7
142.5°	842.3	877.3	842.3	807.2	798.4	742.9	668.9	631.9	606.7	556.3	518.5
145°	797.0	823.5	797.0	770.4	763.8	718.5	658.0	627.7	606.8	564.8	533.4
147.5°	762.2	784.3	762.2	740.3	734.8	699.1	651.5	627.7	610.9	577.3	552.2
150°	740.5	758.3	740.5	722.7	718.2	688.0	647.8	627.7	613.1	583.9	562.0
152.5°	721.8	735.3	721.8	708.4	705.0	679.2	644.9	627.7	614.5	588.2	568.4
155°	700.3	709.2	700.3	691.4	689.2	668.7	641.4	627.7	617.6	597.5	582.5
157.5°	683.3	689.6	683.3	677.1	675.5	659.5	638.3	627.7	620.8	607.0	596.6
160°	673.1	676.8	673.1	669.6	668.6	655.0	636.8	627.7	622.2	611.2	602.9
162.5°	666.5	669.9	666.5	663.1	662.3	650.7	635.4	627.7	623.8	615.8	609.8
165°	657.0	660.6	657.0	653.4	652.5	644.2	633.2	627.7	625.9	622.3	619.6
167.5°	650.1	651.6	650.1	648.5	648.2	642.8	635.5	631.9	630.5	627.4	625.1
170°	648.2	648.2	648.2	648.2	648.2	642.8	635.5	631.9	631.8	631.6	631.6
172.5°	643.1	641.7	643.1	644.4	644.8	640.5	634.8	631.9	631.9	631.9	631.9
175°	640.1	640.1	640.1	640.1	640.1	637.3	633.8	631.9	632.8	634.5	635.8
177.5°	637.3	635.8	637.3	638.9	639.3	637.2	634.3	632.8	633.5	634.8	635.8
180°	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8



TEST NUMBER: P934964

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2497.0	2482.9	2482.9	2459.7	2450.3	2443.4	2431.7	2396.7	2387.5	2378.1	2392.1
5°	2517.9	2492.3	2473.6	2431.7	2396.7	2382.8	2338.6	2254.7	2198.8	2156.9	2133.5
7.5°	2522.6	2489.9	2455.0	2389.8	2305.9	2268.6	2133.5	1979.8	1937.9	1900.6	1877.3
10°	2517.9	2480.6	2431.7	2333.9	2135.9	2070.7	1935.6	1835.4	1809.8	1802.8	1809.8
12.5°	2501.5	2466.7	2399.1	2236.1	1958.9	1914.6	1835.4	1777.2	1772.5	1784.2	1847.0
15°	2473.6	2441.0	2361.9	2105.7	1861.1	1828.4	1772.5	1751.6	1777.2	1858.7	2047.4
17.5°	2445.7	2408.4	2310.6	1977.5	1786.5	1763.3	1723.6	1765.6	1910.0	2019.4	2082.3
20°	2408.4	2364.2	2252.4	1884.3	1733.0	1712.0	1693.3	1882.0	1991.5	2031.0	2066.0
22.5°	2364.2	2317.5	2173.2	1819.1	1677.0	1660.8	1672.4	1947.3	1991.5	2019.4	2049.7
25°	2305.9	2266.3	2080.0	1767.8	1632.8	1614.1	1658.4	1940.3	1965.9	1972.9	2033.4
27.5°	2252.4	2201.1	1982.1	1721.3	1579.2	1572.2	1670.0	1910.0	1928.6	1935.6	2000.8
30°	2187.1	2110.2	1872.6	1672.4	1523.3	1521.0	1672.4	1872.6	1868.1	1886.7	1951.8
32.5°	2119.6	1975.2	1749.2	1611.8	1469.8	1467.4	1656.1	1816.8	1812.2	1837.8	1886.7
35°	2056.7	1870.4	1581.6	1541.9	1402.1	1404.5	1616.5	1751.6	1753.9	1777.2	1807.5
37.5°	1991.5	1779.5	1397.6	1465.1	1337.0	1337.0	1562.9	1691.0	1686.4	1693.3	1735.3
40°	1914.6	1637.4	1234.5	1364.9	1276.4	1269.4	1497.7	1625.8	1609.5	1607.2	1665.4
42.5°	1833.1	1481.3	1113.3	1232.2	1206.5	1197.2	1418.5	1546.6	1516.3	1523.3	1597.8
45°	1744.5	1439.5	1020.2	1041.1	1134.4	1127.3	1332.3	1455.7	1434.8	1453.4	1530.3
47.5°	1656.1	1355.6	989.9	864.1	1057.5	1055.2	1236.8	1367.3	1355.6	1374.2	1455.7
50°	1534.9	1262.5	987.6	740.7	971.3	980.6	1122.7	1281.1	1281.1	1297.3	1383.5
52.5°	1378.9	1148.3	896.8	670.8	871.2	899.1	1022.5	1206.5	1211.2	1227.5	1304.3
55°	1236.8	1029.5	831.5	617.2	752.3	812.9	924.7	1129.7	1139.0	1155.3	1225.1
57.5°	1106.4	857.1	817.6	554.4	642.8	701.1	838.5	1055.2	1059.8	1073.8	1141.3
60°	966.6	619.5	750.0	486.8	547.4	591.6	759.3	966.6	982.9	992.2	1050.5
62.5°	808.2	449.6	680.1	440.2	500.8	510.1	694.1	882.7	903.7	910.7	945.7
65°	575.3	377.4	577.7	400.7	451.9	454.2	624.2	796.6	815.2	826.8	852.5
67.5°	389.0	307.4	440.2	363.3	414.6	416.9	556.7	696.4	722.0	731.4	747.6
70°	270.2	205.0	326.1	323.8	372.7	377.4	484.5	605.6	628.9	635.9	645.2
72.5°	197.9	165.4	270.2	291.2	328.4	333.1	409.9	503.1	526.4	533.4	538.0
75°	151.4	174.7	219.0	253.9	279.5	281.8	335.4	409.9	426.3	430.9	433.2
77.5°	121.1	163.1	160.7	205.0	228.2	223.6	263.2	316.8	330.7	330.7	330.7
80°	90.9	128.1	121.1	146.7	167.7	163.1	188.7	225.9	230.6	235.2	232.9
82.5°	67.5	81.5	81.5	93.1	111.8	107.2	125.8	146.7	146.7	146.7	151.4
85°	41.9	46.6	37.3	48.9	62.9	60.6	69.8	79.2	81.5	81.5	76.9
87.5°	25.6	20.9	11.7	18.6	28.0	28.0	32.6	35.0	32.6	32.6	32.6
90°	11.1	7.6	4.2	7.6	11.1	11.9	18.7	27.8	32.4	28.8	21.7
92.5°	75.1	46.1	17.1	46.1	75.1	82.3	115.7	160.3	182.6	160.0	114.9
95°	147.1	94.1	40.9	94.1	147.1	160.4	284.9	450.9	533.8	476.4	361.4
97.5°	164.5	117.6	70.8	117.6	164.5	176.2	383.8	660.5	798.9	762.5	689.9
100°	178.9	136.4	93.9	136.4	178.9	189.5	419.8	726.8	880.3	883.0	888.3
102.5°	192.8	153.2	113.5	153.2	192.8	202.7	436.3	747.6	903.4	949.6	1042.2
105°	214.0	180.4	146.8	180.4	214.0	222.4	448.5	750.0	900.8	1004.5	1212.0
107.5°	243.6	212.3	181.0	212.3	243.6	251.4	450.8	716.6	849.6	994.3	1283.8
110°	260.4	232.3	204.0	232.3	260.4	267.5	447.3	687.1	806.9	968.7	1292.3



TEST NUMBER: P934964

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	280.4	253.5	226.6	253.5	280.4	287.1	447.5	661.2	768.1	933.7	1264.8
115°	310.4	285.6	260.7	285.6	310.4	316.6	451.6	631.6	721.6	881.1	1200.1
117.5°	339.5	317.0	294.4	317.0	339.5	345.2	460.0	613.0	689.6	833.5	1121.4
120°	356.5	335.3	314.0	335.3	356.5	361.8	466.8	606.8	676.8	808.3	1071.3
122.5°	376.2	354.7	333.3	354.7	376.2	381.5	476.7	603.6	667.0	785.4	1022.2
125°	401.8	382.2	362.7	382.2	401.8	406.6	489.9	600.8	656.3	756.9	958.2
127.5°	426.0	406.4	386.6	406.4	426.0	430.9	503.1	599.3	647.3	733.7	906.5
130°	441.9	420.7	399.4	420.7	441.9	447.2	512.8	600.3	643.9	720.8	874.7
132.5°	455.1	433.9	412.6	433.9	455.1	460.4	520.6	600.8	640.9	709.7	847.5
135°	471.0	451.6	432.2	451.6	471.0	475.8	529.1	600.3	635.8	693.4	808.8
137.5°	490.6	471.4	452.3	471.4	490.6	495.4	541.9	603.9	635.0	683.7	781.1
140°	504.3	486.6	468.9	486.6	504.3	508.7	549.8	604.6	631.9	674.0	758.3
142.5°	514.5	498.1	481.8	498.1	514.5	518.5	556.3	606.7	631.9	668.9	742.9
145°	529.8	515.7	501.4	515.7	529.8	533.4	564.8	606.8	627.7	658.0	718.5
147.5°	548.7	534.8	521.0	534.8	548.7	552.2	577.3	610.9	627.7	651.5	699.1
150°	558.9	546.3	533.8	546.3	558.9	562.0	583.9	613.1	627.7	647.8	688.0
152.5°	566.0	556.6	547.0	556.6	566.0	568.4	588.2	614.5	627.7	644.9	679.2
155°	580.7	573.7	566.7	573.7	580.7	582.5	597.5	617.6	627.7	641.4	668.7
157.5°	594.8	588.1	581.2	588.1	594.8	596.6	607.0	620.8	627.7	638.3	659.5
160°	601.6	596.3	591.0	596.3	601.6	602.9	611.2	622.2	627.7	636.8	655.0
162.5°	608.8	604.9	600.8	604.9	608.8	609.8	615.8	623.8	627.7	635.4	650.7
165°	618.7	615.1	611.5	615.1	618.7	619.6	622.3	625.9	627.7	633.2	644.2
167.5°	624.7	623.0	621.3	623.0	624.7	625.1	627.4	630.5	631.9	635.5	642.8
170°	631.1	629.4	627.7	629.4	631.1	631.6	631.6	631.8	631.9	635.5	642.8
172.5°	631.8	631.5	631.1	631.5	631.8	631.9	631.9	631.9	631.9	634.8	640.5
175°	635.8	635.8	635.8	635.8	635.8	635.8	634.5	632.8	631.9	633.8	637.3
177.5°	635.8	635.8	635.8	635.8	635.8	635.8	634.8	633.5	632.8	634.3	637.2
180°	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8



TEST NUMBER: P934964

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2375.8	2368.8	2378.1	2352.5	2378.1	2368.8	2375.8	2392.1	2378.1	2387.5	2396.7
5°	2084.6	2073.0	2035.7	2005.4	2035.7	2073.0	2084.6	2133.5	2156.9	2198.8	2254.7
7.5°	1863.4	1854.0	1844.8	1826.1	1844.8	1854.0	1863.4	1877.3	1900.6	1937.9	1979.8
10°	1814.5	1816.8	1830.8	1828.4	1830.8	1816.8	1814.5	1809.8	1802.8	1809.8	1835.4
12.5°	1940.3	1961.2	2038.1	2033.4	2038.1	1961.2	1940.3	1847.0	1784.2	1772.5	1777.2
15°	2084.6	2091.6	2107.9	2110.2	2107.9	2091.6	2084.6	2047.4	1858.7	1777.2	1751.6
17.5°	2098.6	2101.0	2112.6	2112.6	2112.6	2101.0	2098.6	2082.3	2019.4	1910.0	1765.6
20°	2087.0	2091.6	2114.9	2119.6	2114.9	2091.6	2087.0	2066.0	2031.0	1991.5	1882.0
22.5°	2082.3	2091.6	2110.2	2107.9	2110.2	2091.6	2082.3	2049.7	2019.4	1991.5	1947.3
25°	2059.0	2059.0	2061.3	2063.7	2061.3	2059.0	2059.0	2033.4	1972.9	1965.9	1940.3
27.5°	2010.1	2014.8	2028.7	2026.5	2028.7	2014.8	2010.1	2000.8	1935.6	1928.6	1910.0
30°	1965.9	1961.2	1949.6	1940.3	1949.6	1961.2	1965.9	1951.8	1886.7	1868.1	1872.6
32.5°	1891.4	1879.7	1868.1	1861.1	1868.1	1879.7	1891.4	1886.7	1837.8	1812.2	1816.8
35°	1802.8	1805.1	1802.8	1795.8	1802.8	1805.1	1802.8	1807.5	1777.2	1753.9	1751.6
37.5°	1739.9	1744.5	1742.2	1733.0	1742.2	1744.5	1739.9	1735.3	1693.3	1686.4	1691.0
40°	1674.7	1677.0	1674.7	1667.7	1674.7	1677.0	1674.7	1665.4	1607.2	1609.5	1625.8
42.5°	1611.8	1609.5	1602.5	1597.8	1602.5	1609.5	1611.8	1597.8	1523.3	1516.3	1546.6
45°	1539.6	1541.9	1528.0	1521.0	1528.0	1541.9	1539.6	1530.3	1453.4	1434.8	1455.7
47.5°	1467.4	1467.4	1455.7	1448.8	1455.7	1467.4	1467.4	1455.7	1374.2	1355.6	1367.3
50°	1390.6	1388.2	1372.0	1369.6	1372.0	1388.2	1390.6	1383.5	1297.3	1281.1	1281.1
52.5°	1302.0	1302.0	1304.3	1309.0	1304.3	1302.0	1302.0	1304.3	1227.5	1211.2	1206.5
55°	1225.1	1227.5	1243.8	1248.4	1243.8	1227.5	1225.1	1225.1	1155.3	1139.0	1129.7
57.5°	1146.0	1146.0	1157.6	1157.6	1157.6	1146.0	1146.0	1141.3	1073.8	1059.8	1055.2
60°	1055.2	1059.8	1069.1	1066.8	1069.1	1059.8	1055.2	1050.5	992.2	982.9	966.6
62.5°	959.6	964.3	966.6	961.9	966.6	964.3	959.6	945.7	910.7	903.7	882.7
65°	859.5	864.1	866.5	861.8	866.5	864.1	859.5	852.5	826.8	815.2	796.6
67.5°	757.0	754.6	752.3	761.7	752.3	754.6	757.0	747.6	731.4	722.0	696.4
70°	652.2	652.2	649.8	654.5	649.8	652.2	652.2	645.2	635.9	628.9	605.6
72.5°	540.3	538.0	547.4	540.3	547.4	538.0	540.3	538.0	533.4	526.4	503.1
75°	430.9	435.5	430.9	437.9	430.9	435.5	430.9	433.2	430.9	426.3	409.9
77.5°	328.4	333.1	328.4	328.4	328.4	333.1	328.4	330.7	330.7	330.7	316.8
80°	232.9	230.6	230.6	228.2	230.6	230.6	232.9	232.9	235.2	230.6	225.9
82.5°	149.0	146.7	146.7	151.4	146.7	146.7	149.0	151.4	146.7	146.7	146.7
85°	81.5	83.9	79.2	79.2	79.2	83.9	81.5	76.9	81.5	81.5	79.2
87.5°	30.3	28.0	28.0	28.0	28.0	28.0	30.3	32.6	32.6	32.6	35.0
90°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	21.7	28.8	32.4	27.8
92.5°	81.0	77.8	64.9	52.0	64.9	77.8	81.0	114.9	160.0	182.6	160.3
95°	275.2	265.5	226.4	187.3	226.4	265.5	275.2	361.4	476.4	533.8	450.9
97.5°	635.4	616.8	542.4	468.1	542.4	616.8	635.4	689.9	762.5	798.9	660.5
100°	892.3	870.2	781.5	693.0	781.5	870.2	892.3	888.3	883.0	880.3	726.8
102.5°	1111.6	1092.6	1016.8	940.9	1016.8	1092.6	1111.6	1042.2	949.6	903.4	747.6
105°	1367.6	1357.5	1316.6	1275.9	1316.6	1357.5	1367.6	1212.0	1004.5	900.8	750.0
107.5°	1500.8	1503.3	1513.1	1522.9	1513.1	1503.3	1500.8	1283.8	994.3	849.6	716.6
110°	1534.9	1545.6	1588.0	1630.5	1588.0	1545.6	1534.9	1292.3	968.7	806.9	687.1



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1513.1	1529.4	1594.7	1659.9	1594.7	1529.4	1513.1	1264.8	933.7	768.1	661.2
115°	1439.3	1461.9	1552.4	1642.9	1552.4	1461.9	1439.3	1200.1	881.1	721.6	631.6
117.5°	1337.4	1362.4	1462.7	1563.0	1462.7	1362.4	1337.4	1121.4	833.5	689.6	613.0
120°	1268.6	1293.0	1390.5	1488.0	1390.5	1293.0	1268.6	1071.3	808.3	676.8	606.8
122.5°	1199.9	1223.9	1320.1	1416.3	1320.1	1223.9	1199.9	1022.2	785.4	667.0	603.6
125°	1109.0	1131.2	1219.8	1308.4	1219.8	1131.2	1109.0	958.2	756.9	656.3	600.8
127.5°	1036.1	1054.8	1129.5	1204.2	1129.5	1054.8	1036.1	906.5	733.7	647.3	599.3
130°	990.0	1007.3	1076.3	1145.3	1076.3	1007.3	990.0	874.7	720.8	643.9	600.3
132.5°	950.7	966.1	1028.0	1089.9	1028.0	966.1	950.7	847.5	709.7	640.9	600.8
135°	895.2	908.5	961.8	1015.2	961.8	908.5	895.2	808.8	693.4	635.8	600.3
137.5°	854.3	865.2	908.8	952.5	908.8	865.2	854.3	781.1	683.7	635.0	603.9
140°	821.4	831.6	872.5	913.2	872.5	831.6	821.4	758.3	674.0	631.9	604.6
142.5°	798.4	807.2	842.3	877.3	842.3	807.2	798.4	742.9	668.9	631.9	606.7
145°	763.8	770.4	797.0	823.5	797.0	770.4	763.8	718.5	658.0	627.7	606.8
147.5°	734.8	740.3	762.2	784.3	762.2	740.3	734.8	699.1	651.5	627.7	610.9
150°	718.2	722.7	740.5	758.3	740.5	722.7	718.2	688.0	647.8	627.7	613.1
152.5°	705.0	708.4	721.8	735.3	721.8	708.4	705.0	679.2	644.9	627.7	614.5
155°	689.2	691.4	700.3	709.2	700.3	691.4	689.2	668.7	641.4	627.7	617.6
157.5°	675.5	677.1	683.3	689.6	683.3	677.1	675.5	659.5	638.3	627.7	620.8
160°	668.6	669.6	673.1	676.8	673.1	669.6	668.6	655.0	636.8	627.7	622.2
162.5°	662.3	663.1	666.5	669.9	666.5	663.1	662.3	650.7	635.4	627.7	623.8
165°	652.5	653.4	657.0	660.6	657.0	653.4	652.5	644.2	633.2	627.7	625.9
167.5°	648.2	648.5	650.1	651.6	650.1	648.5	648.2	642.8	635.5	631.9	630.5
170°	648.2	648.2	648.2	648.2	648.2	648.2	648.2	642.8	635.5	631.9	631.8
172.5°	644.8	644.4	643.1	641.7	643.1	644.4	644.8	640.5	634.8	631.9	631.9
175°	640.1	640.1	640.1	640.1	640.1	640.1	640.1	637.3	633.8	631.9	632.8
177.5°	639.3	638.9	637.3	635.8	637.3	638.9	639.3	637.2	634.3	632.8	633.5
180°	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8	635.8



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2431.7	2443.4	2450.3	2459.7	2482.9
5°	2338.6	2382.8	2396.7	2431.7	2473.6
7.5°	2133.5	2268.6	2305.9	2389.8	2455.0
10°	1935.6	2070.7	2135.9	2333.9	2431.7
12.5°	1835.4	1914.6	1958.9	2236.1	2399.1
15°	1772.5	1828.4	1861.1	2105.7	2361.9
17.5°	1723.6	1763.3	1786.5	1977.5	2310.6
20°	1693.3	1712.0	1733.0	1884.3	2252.4
22.5°	1672.4	1660.8	1677.0	1819.1	2173.2
25°	1658.4	1614.1	1632.8	1767.8	2080.0
27.5°	1670.0	1572.2	1579.2	1721.3	1982.1
30°	1672.4	1521.0	1523.3	1672.4	1872.6
32.5°	1656.1	1467.4	1469.8	1611.8	1749.2
35°	1616.5	1404.5	1402.1	1541.9	1581.6
37.5°	1562.9	1337.0	1337.0	1465.1	1397.6
40°	1497.7	1269.4	1276.4	1364.9	1234.5
42.5°	1418.5	1197.2	1206.5	1232.2	1113.3
45°	1332.3	1127.3	1134.4	1041.1	1020.2
47.5°	1236.8	1055.2	1057.5	864.1	989.9
50°	1122.7	980.6	971.3	740.7	987.6
52.5°	1022.5	899.1	871.2	670.8	896.8
55°	924.7	812.9	752.3	617.2	831.5
57.5°	838.5	701.1	642.8	554.4	817.6
60°	759.3	591.6	547.4	486.8	750.0
62.5°	694.1	510.1	500.8	440.2	680.1
65°	624.2	454.2	451.9	400.7	577.7
67.5°	556.7	416.9	414.6	363.3	440.2
70°	484.5	377.4	372.7	323.8	326.1
72.5°	409.9	333.1	328.4	291.2	270.2
75°	335.4	281.8	279.5	253.9	219.0
77.5°	263.2	223.6	228.2	205.0	160.7
80°	188.7	163.1	167.7	146.7	121.1
82.5°	125.8	107.2	111.8	93.1	81.5
85°	69.8	60.6	62.9	48.9	37.3
87.5°	32.6	28.0	28.0	18.6	11.7
90°	18.7	11.9	11.1	7.6	4.2
92.5°	115.7	82.3	75.1	46.1	17.1
95°	284.9	160.4	147.1	94.1	40.9
97.5°	383.8	176.2	164.5	117.6	70.8
100°	419.8	189.5	178.9	136.4	93.9
102.5°	436.3	202.7	192.8	153.2	113.5
105°	448.5	222.4	214.0	180.4	146.8
107.5°	450.8	251.4	243.6	212.3	181.0
110°	447.3	267.5	260.4	232.3	204.0



TEST NUMBER: P934964

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	447.5	287.1	280.4	253.5	226.6
115°	451.6	316.6	310.4	285.6	260.7
117.5°	460.0	345.2	339.5	317.0	294.4
120°	466.8	361.8	356.5	335.3	314.0
122.5°	476.7	381.5	376.2	354.7	333.3
125°	489.9	406.6	401.8	382.2	362.7
127.5°	503.1	430.9	426.0	406.4	386.6
130°	512.8	447.2	441.9	420.7	399.4
132.5°	520.6	460.4	455.1	433.9	412.6
135°	529.1	475.8	471.0	451.6	432.2
137.5°	541.9	495.4	490.6	471.4	452.3
140°	549.8	508.7	504.3	486.6	468.9
142.5°	556.3	518.5	514.5	498.1	481.8
145°	564.8	533.4	529.8	515.7	501.4
147.5°	577.3	552.2	548.7	534.8	521.0
150°	583.9	562.0	558.9	546.3	533.8
152.5°	588.2	568.4	566.0	556.6	547.0
155°	597.5	582.5	580.7	573.7	566.7
157.5°	607.0	596.6	594.8	588.1	581.2
160°	611.2	602.9	601.6	596.3	591.0
162.5°	615.8	609.8	608.8	604.9	600.8
165°	622.3	619.6	618.7	615.1	611.5
167.5°	627.4	625.1	624.7	623.0	621.3
170°	631.6	631.6	631.1	629.4	627.7
172.5°	631.9	631.9	631.8	631.5	631.1
175°	634.5	635.8	635.8	635.8	635.8
177.5°	634.8	635.8	635.8	635.8	635.8
180°	635.8	635.8	635.8	635.8	635.8



TEST NUMBER: P934964  
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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	15.20	16.17	16.06	17.05	18.16	18.03	18.99	18.89	19.88	20.98
	3H	15.69	16.56	16.56	17.45	18.58	19.38	20.25	20.25	21.14	22.27
	4H	15.88	16.70	16.77	17.60	18.74	19.83	20.65	20.71	21.54	22.69
	6H	16.01	16.76	16.91	17.67	18.83	20.12	20.87	21.02	21.77	22.93
	8H	16.01	16.73	16.92	17.65	18.81	20.19	20.91	21.10	21.83	22.99
	12H	15.99	16.67	16.90	17.59	18.77	20.23	20.92	21.15	21.83	23.02
4H	2H	16.25	17.07	17.14	17.96	19.11	18.45	19.27	19.34	20.17	21.31
	3H	17.28	17.97	18.19	18.89	20.05	19.96	20.65	20.87	21.57	22.73
	4H	17.56	18.19	18.48	19.11	20.30	20.50	21.12	21.41	22.04	23.23
	6H	17.70	18.23	18.62	19.18	20.37	20.87	21.40	21.79	22.35	23.54
	8H	17.70	18.21	18.64	19.15	20.35	20.97	21.48	21.90	22.42	23.62
	12H	17.68	18.13	18.63	19.09	20.29	21.03	21.49	21.99	22.45	23.65
8H	4H	18.03	18.53	18.96	19.47	20.67	20.63	21.13	21.56	22.07	23.27
	6H	18.29	18.71	19.25	19.69	20.89	21.07	21.48	22.03	22.47	23.67
	8H	18.34	18.70	19.30	19.68	20.89	21.22	21.59	22.19	22.56	23.78
	12H	18.32	18.65	19.29	19.61	20.88	21.32	21.65	22.29	22.61	23.88
12H	4H	18.04	18.49	18.99	19.45	20.65	20.60	21.05	21.55	22.01	23.22
	6H	18.35	18.72	19.32	19.69	20.91	21.07	21.43	22.03	22.41	23.62
	8H	18.42	18.75	19.40	19.71	20.98	21.23	21.55	22.20	22.52	23.79