

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: P934843

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934843
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

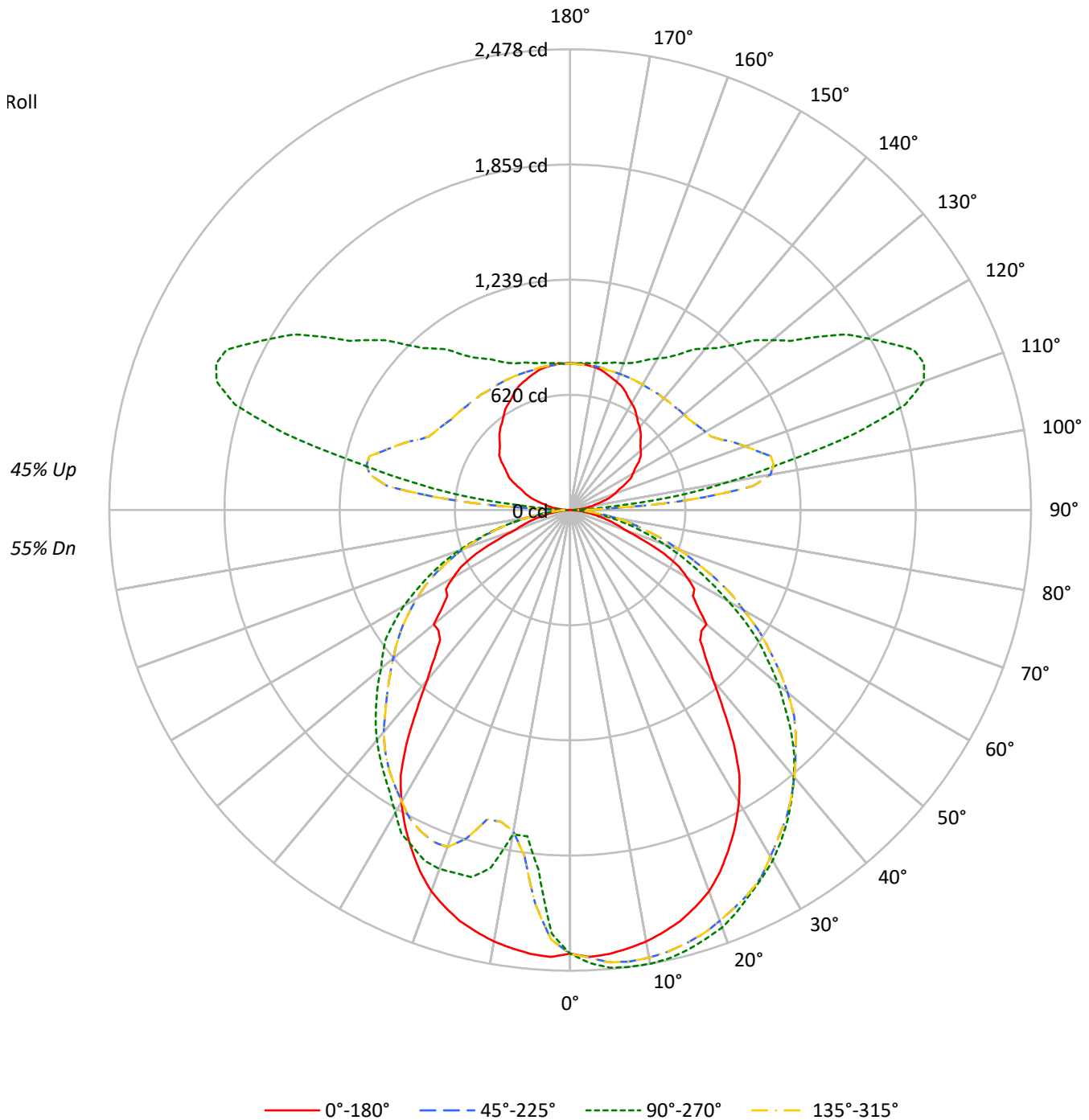
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11303.5 lumens
Efficiency: N/A
Efficacy: 110.4 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: General Diffuse

Input Watts (W): 102.4
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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CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

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	50	30	10
RCR																				
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55		
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46		
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39		
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33		
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28		
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24		
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21		
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19		
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17		
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15		
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11069	11069	11069	11069
5°	11151	11173	11151	8786
10°	11077	11006	11077	7868
15°	10956	10768	10956	8991
20°	10728	10485	10728	9010
25°	10258	10073	10258	8819
30°	9652	9731	9652	8400
35°	8605	9299	8605	7939
40°	7170	8789	7170	7591
45°	6407	8193	6407	7191
50°	6806	7482	6806	6789
55°	6404	6716	6404	6557
60°	6601	5704	6601	6006
65°	5984	4715	5984	5270
70°	4143	3758	4143	4418
75°	3634	2778	3634	3326
80°	2929	1836	2929	2000
85°	1681	973	1681	826

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9819 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.3	1.9
10°-20°	611.4	5.4
20°-30°	945.2	8.4
30°-40°	1128.3	10.0
40°-50°	1134.9	10.0
50°-60°	987.5	8.7
60°-70°	700.2	6.2
70°-80°	370.4	3.3
80°-90°	95.3	0.8
90°-100°	384.6	3.4
100°-110°	1011.1	8.9
110°-120°	1048.5	9.3
120°-130°	841.0	7.4
130°-140°	659.9	5.8
140°-150°	506.5	4.5
150°-160°	364.8	3.2
160°-170°	223.2	2.0
170°-180°	75.4	0.7
0°-30°	1771.9	15.7
0°-40°	2900.3	25.7
0°-60°	5022.7	44.4
0°-90°	6188.6	54.7
90°-120°	2444.2	21.6
90°-150°	4451.6	39.4
90°-180°	5115.0	45.3
0°-180°	11303.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2386	2386	2386	2386	2386	
5°	2397	2471	2397	1943	2397	227
15°	2289	2449	2289	2045	2289	644
25°	2016	2284	2016	2000	2016	925
35°	1532	2038	1532	1740	1532	948
45°	989	1679	989	1474	989	792
55°	806	1239	806	1210	806	740
65°	560	747	560	835	560	535
75°	212	354	212	424	212	223
85°	36	90	36	77	36	49
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°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2406.0	2406.0	2419.5	2424.0	2424.0	2417.3	2410.5	2417.3	2437.6	2444.3	2442.1
5°	2396.9	2415.0	2439.8	2444.3	2448.9	2446.6	2442.1	2446.6	2469.2	2473.7	2475.9
7.5°	2378.9	2412.7	2444.3	2451.1	2457.9	2451.1	2448.9	2453.4	2475.9	2480.5	2480.5
10°	2356.3	2403.7	2439.8	2444.3	2451.1	2444.3	2444.3	2453.4	2475.9	2480.5	2482.7
12.5°	2324.7	2390.2	2424.0	2428.5	2437.6	2435.3	2433.1	2442.1	2464.7	2469.2	2469.2
15°	2288.6	2365.3	2396.9	2401.5	2417.3	2412.7	2412.7	2421.8	2446.6	2453.4	2451.1
17.5°	2238.9	2333.7	2369.9	2376.6	2387.9	2385.7	2387.9	2396.9	2419.5	2424.0	2426.3
20°	2182.6	2290.9	2333.7	2340.5	2351.8	2351.8	2351.8	2363.1	2385.7	2394.7	2394.7
22.5°	2105.8	2245.8	2290.9	2295.4	2308.9	2308.9	2313.4	2329.2	2349.5	2351.8	2351.8
25°	2015.5	2196.0	2234.4	2248.0	2261.6	2268.3	2275.1	2284.1	2290.9	2288.6	2290.9
27.5°	1920.7	2132.8	2182.6	2191.5	2209.6	2216.4	2225.4	2227.7	2230.0	2236.7	2232.2
30°	1814.6	2044.9	2119.3	2128.4	2157.7	2162.2	2153.2	2157.7	2169.0	2173.5	2178.0
32.5°	1695.0	1913.9	2053.9	2074.2	2101.2	2087.7	2085.4	2092.3	2110.3	2110.3	2114.8
35°	1532.5	1812.4	1992.9	2011.0	2031.3	2015.5	2024.5	2026.8	2038.1	2044.9	2042.6
37.5°	1354.2	1724.3	1929.7	1943.3	1959.1	1938.8	1952.3	1959.1	1968.1	1963.6	1963.6
40°	1196.2	1586.7	1855.3	1864.3	1877.8	1862.0	1875.6	1880.1	1884.6	1880.1	1877.8
42.5°	1078.8	1435.4	1776.2	1787.5	1778.6	1789.8	1794.4	1803.3	1796.6	1787.5	1787.5
45°	988.6	1394.8	1690.5	1704.1	1690.5	1708.6	1715.3	1715.3	1695.0	1690.5	1688.3
47.5°	959.3	1313.6	1604.7	1604.7	1598.0	1620.5	1631.8	1616.0	1595.7	1588.9	1588.9
50°	957.0	1223.3	1487.4	1478.3	1509.9	1537.0	1525.7	1509.9	1494.1	1469.3	1469.3
52.5°	869.0	1112.7	1336.1	1370.0	1419.6	1435.4	1417.4	1401.6	1374.5	1363.3	1354.2
55°	805.8	997.6	1198.5	1266.2	1318.1	1338.4	1304.5	1288.8	1248.1	1241.4	1236.9
57.5°	792.2	830.6	1072.1	1157.9	1221.1	1218.8	1198.5	1169.1	1135.3	1128.5	1126.3
60°	726.8	600.4	936.6	1038.2	1103.7	1096.9	1078.8	1051.8	1020.2	1015.6	1011.1
62.5°	659.0	435.6	783.1	898.3	990.8	988.6	972.8	932.1	909.6	898.3	889.2
65°	559.7	365.7	557.5	747.1	880.3	884.7	850.9	821.6	796.7	783.1	780.9
67.5°	426.6	297.9	376.9	622.9	774.2	769.7	726.8	713.2	681.6	674.8	661.3
70°	315.9	198.6	261.8	505.6	670.3	659.0	625.2	609.4	580.0	564.2	555.2
72.5°	261.8	160.2	191.8	392.7	564.2	550.7	521.4	503.3	478.5	464.9	455.9
75°	212.2	169.3	146.7	291.2	458.2	449.2	422.0	404.0	383.7	365.7	367.9
77.5°	155.7	158.0	117.4	214.4	363.3	349.9	334.0	311.5	302.4	284.4	284.4
80°	117.4	124.1	88.1	146.7	261.8	261.8	248.3	232.5	216.7	207.6	207.6
82.5°	79.0	79.0	65.4	92.5	178.3	171.5	162.5	158.0	149.0	144.4	144.4
85°	36.1	45.1	40.7	56.5	97.0	101.6	101.6	97.0	94.8	90.3	92.5
87.5°	11.3	20.3	24.9	31.6	49.6	51.9	54.2	54.2	54.2	56.5	56.5
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



TEST NUMBER: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

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°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2446.6	2439.8	2446.6	2442.1	2444.3	2437.6	2417.3	2410.5	2417.3	2424.0	2424.0
5°	2475.9	2471.4	2475.9	2475.9	2473.7	2469.2	2446.6	2442.1	2446.6	2448.9	2444.3
7.5°	2485.0	2478.2	2485.0	2480.5	2480.5	2475.9	2453.4	2448.9	2451.1	2457.9	2451.1
10°	2485.0	2478.2	2485.0	2482.7	2480.5	2475.9	2453.4	2444.3	2444.3	2451.1	2444.3
12.5°	2473.7	2469.2	2473.7	2469.2	2469.2	2464.7	2442.1	2433.1	2435.3	2437.6	2428.5
15°	2455.6	2448.9	2455.6	2451.1	2453.4	2446.6	2421.8	2412.7	2412.7	2417.3	2401.5
17.5°	2428.5	2419.5	2428.5	2426.3	2424.0	2419.5	2396.9	2387.9	2385.7	2387.9	2376.6
20°	2396.9	2390.2	2396.9	2394.7	2394.7	2385.7	2363.1	2351.8	2351.8	2351.8	2340.5
22.5°	2347.3	2340.5	2347.3	2351.8	2351.8	2349.5	2329.2	2313.4	2308.9	2308.9	2295.4
25°	2290.9	2284.1	2290.9	2290.9	2288.6	2290.9	2284.1	2275.1	2268.3	2261.6	2248.0
27.5°	2236.7	2232.2	2236.7	2232.2	2236.7	2230.0	2227.7	2225.4	2216.4	2209.6	2191.5
30°	2182.6	2178.0	2182.6	2178.0	2173.5	2169.0	2157.7	2153.2	2162.2	2157.7	2128.4
32.5°	2114.8	2110.3	2114.8	2114.8	2110.3	2110.3	2092.3	2085.4	2087.7	2101.2	2074.2
35°	2044.9	2038.1	2044.9	2042.6	2044.9	2038.1	2026.8	2024.5	2015.5	2031.3	2011.0
37.5°	1963.6	1956.8	1963.6	1963.6	1963.6	1968.1	1959.1	1952.3	1938.8	1959.1	1943.3
40°	1880.1	1871.1	1880.1	1877.8	1880.1	1884.6	1880.1	1875.6	1862.0	1877.8	1864.3
42.5°	1785.3	1783.1	1785.3	1787.5	1787.5	1796.6	1803.3	1794.4	1789.8	1778.6	1787.5
45°	1683.7	1679.2	1683.7	1688.3	1690.5	1695.0	1715.3	1715.3	1708.6	1690.5	1704.1
47.5°	1575.4	1564.1	1575.4	1588.9	1588.9	1595.7	1616.0	1631.8	1620.5	1598.0	1604.7
50°	1460.3	1462.5	1460.3	1469.3	1469.3	1494.1	1509.9	1525.7	1537.0	1509.9	1478.3
52.5°	1347.5	1345.2	1347.5	1354.2	1363.3	1374.5	1401.6	1417.4	1435.4	1419.6	1370.0
55°	1234.6	1239.1	1234.6	1236.9	1241.4	1248.1	1288.8	1304.5	1338.4	1318.1	1266.2
57.5°	1121.7	1115.0	1121.7	1126.3	1128.5	1135.3	1169.1	1198.5	1218.8	1221.1	1157.9
60°	990.8	981.8	990.8	1011.1	1015.6	1020.2	1051.8	1078.8	1096.9	1103.7	1038.2
62.5°	875.7	859.9	875.7	889.2	898.3	909.6	932.1	972.8	988.6	990.8	898.3
65°	753.9	747.1	753.9	780.9	783.1	796.7	821.6	850.9	884.7	880.3	747.1
67.5°	643.2	643.2	643.2	661.3	674.8	681.6	713.2	726.8	769.7	774.2	622.9
70°	541.7	539.5	541.7	555.2	564.2	580.0	609.4	625.2	659.0	670.3	505.6
72.5°	444.7	442.4	444.7	455.9	464.9	478.5	503.3	521.4	550.7	564.2	392.7
75°	358.9	354.4	358.9	367.9	365.7	383.7	404.0	422.0	449.2	458.2	291.2
77.5°	275.4	275.4	275.4	284.4	284.4	302.4	311.5	334.0	349.9	363.3	214.4
80°	205.4	203.1	205.4	207.6	207.6	216.7	232.5	248.3	261.8	261.8	146.7
82.5°	144.4	139.9	144.4	144.4	144.4	149.0	158.0	162.5	171.5	178.3	92.5
85°	90.3	90.3	90.3	92.5	90.3	94.8	97.0	101.6	101.6	97.0	56.5
87.5°	58.7	56.5	58.7	56.5	56.5	54.2	54.2	54.2	51.9	49.6	31.6
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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2419.5	2406.0	2406.0	2383.4	2374.4	2367.6	2356.3	2322.5	2313.4	2304.4	2317.9
5°	2439.8	2415.0	2396.9	2356.3	2322.5	2308.9	2266.0	2184.8	2130.6	2090.0	2067.4
7.5°	2444.3	2412.7	2378.9	2315.7	2234.4	2198.4	2067.4	1918.5	1877.8	1841.8	1819.1
10°	2439.8	2403.7	2356.3	2261.6	2069.6	2006.5	1875.6	1778.6	1753.7	1746.9	1753.7
12.5°	2424.0	2390.2	2324.7	2166.8	1898.1	1855.3	1778.6	1722.1	1717.6	1728.8	1789.8
15°	2396.9	2365.3	2288.6	2040.3	1803.3	1771.7	1717.6	1697.2	1722.1	1801.1	1983.9
17.5°	2369.9	2333.7	2238.9	1916.2	1731.1	1708.6	1670.2	1710.8	1850.7	1956.8	2017.8
20°	2333.7	2290.9	2182.6	1826.0	1679.2	1658.9	1640.9	1823.6	1929.7	1968.1	2002.0
22.5°	2290.9	2245.8	2105.8	1762.7	1625.1	1609.3	1620.5	1886.9	1929.7	1956.8	1986.2
25°	2234.4	2196.0	2015.5	1713.0	1582.2	1564.1	1607.0	1880.1	1904.9	1911.7	1970.4
27.5°	2182.6	2132.8	1920.7	1667.9	1530.3	1523.5	1618.3	1850.7	1868.8	1875.6	1938.8
30°	2119.3	2044.9	1814.6	1620.5	1476.1	1473.8	1620.5	1814.6	1810.2	1828.2	1891.4
32.5°	2053.9	1913.9	1695.0	1561.9	1424.2	1422.0	1604.7	1760.4	1755.9	1780.8	1828.2
35°	1992.9	1812.4	1532.5	1494.1	1358.7	1361.0	1566.4	1697.2	1699.5	1722.1	1751.5
37.5°	1929.7	1724.3	1354.2	1419.6	1295.5	1295.5	1514.5	1638.6	1634.1	1640.9	1681.4
40°	1855.3	1586.7	1196.2	1322.6	1236.9	1230.0	1451.2	1575.4	1559.6	1557.3	1613.8
42.5°	1776.2	1435.4	1078.8	1194.0	1169.1	1160.1	1374.5	1498.7	1469.3	1476.1	1548.3
45°	1690.5	1394.8	988.6	1008.9	1099.2	1092.4	1291.0	1410.6	1390.3	1408.4	1482.9
47.5°	1604.7	1313.6	959.3	837.4	1024.7	1022.4	1198.5	1324.8	1313.6	1331.7	1410.6
50°	1487.4	1223.3	957.0	717.7	941.2	950.2	1087.9	1241.4	1241.4	1257.2	1340.6
52.5°	1336.1	1112.7	869.0	650.0	844.1	871.2	990.8	1169.1	1173.7	1189.5	1263.9
55°	1198.5	997.6	805.8	598.1	729.0	787.7	896.1	1094.7	1103.7	1119.5	1187.2
57.5°	1072.1	830.6	792.2	537.2	622.9	679.4	812.5	1022.4	1026.9	1040.5	1105.9
60°	936.6	600.4	726.8	471.7	530.4	573.3	735.7	936.6	952.4	961.5	1017.9
62.5°	783.1	435.6	659.0	426.6	485.2	494.3	672.6	855.4	875.7	882.5	916.3
65°	557.5	365.7	559.7	388.2	437.8	440.1	604.9	771.9	790.0	801.3	826.0
67.5°	376.9	297.9	426.6	352.1	401.8	404.0	539.5	674.8	699.7	708.7	724.5
70°	261.8	198.6	315.9	313.7	361.1	365.7	469.4	586.8	609.4	616.2	625.2
72.5°	191.8	160.2	261.8	282.1	318.2	322.8	397.3	487.5	510.1	516.8	521.4
75°	146.7	169.3	212.2	246.0	270.8	273.1	325.0	397.3	413.1	417.6	419.8
77.5°	117.4	158.0	155.7	198.6	221.2	216.7	255.0	307.0	320.5	320.5	320.5
80°	88.1	124.1	117.4	142.2	162.5	158.0	182.8	218.9	223.4	228.0	225.7
82.5°	65.4	79.0	79.0	90.3	108.3	103.9	121.9	142.2	142.2	142.2	146.7
85°	40.7	45.1	36.1	47.4	60.9	58.7	67.7	76.7	79.0	79.0	74.5
87.5°	24.9	20.3	11.3	18.0	27.1	27.1	31.6	33.8	31.6	31.6	31.6
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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2302.1	2295.4	2304.4	2279.6	2304.4	2295.4	2302.1	2317.9	2304.4	2313.4	2322.5
5°	2020.0	2008.7	1972.6	1943.3	1972.6	2008.7	2020.0	2067.4	2090.0	2130.6	2184.8
7.5°	1805.6	1796.6	1787.5	1769.5	1787.5	1796.6	1805.6	1819.1	1841.8	1877.8	1918.5
10°	1758.2	1760.4	1774.0	1771.7	1774.0	1760.4	1758.2	1753.7	1746.9	1753.7	1778.6
12.5°	1880.1	1900.4	1974.9	1970.4	1974.9	1900.4	1880.1	1789.8	1728.8	1717.6	1722.1
15°	2020.0	2026.8	2042.6	2044.9	2042.6	2026.8	2020.0	1983.9	1801.1	1722.1	1697.2
17.5°	2033.6	2035.8	2047.1	2047.1	2047.1	2035.8	2033.6	2017.8	1956.8	1850.7	1710.8
20°	2022.3	2026.8	2049.4	2053.9	2049.4	2026.8	2022.3	2002.0	1968.1	1929.7	1823.6
22.5°	2017.8	2026.8	2044.9	2042.6	2044.9	2026.8	2017.8	1986.2	1956.8	1929.7	1886.9
25°	1995.2	1995.2	1997.5	1999.7	1997.5	1995.2	1995.2	1970.4	1911.7	1904.9	1880.1
27.5°	1947.8	1952.3	1965.9	1963.6	1965.9	1952.3	1947.8	1938.8	1875.6	1868.8	1850.7
30°	1904.9	1900.4	1889.1	1880.1	1889.1	1900.4	1904.9	1891.4	1828.2	1810.2	1814.6
32.5°	1832.7	1821.4	1810.2	1803.3	1810.2	1821.4	1832.7	1828.2	1780.8	1755.9	1760.4
35°	1746.9	1749.2	1746.9	1740.1	1746.9	1749.2	1746.9	1751.5	1722.1	1699.5	1697.2
37.5°	1686.0	1690.5	1688.3	1679.2	1688.3	1690.5	1686.0	1681.4	1640.9	1634.1	1638.6
40°	1622.8	1625.1	1622.8	1616.0	1622.8	1625.1	1622.8	1613.8	1557.3	1559.6	1575.4
42.5°	1561.9	1559.6	1552.8	1548.3	1552.8	1559.6	1561.9	1548.3	1476.1	1469.3	1498.7
45°	1491.9	1494.1	1480.6	1473.8	1480.6	1494.1	1491.9	1482.9	1408.4	1390.3	1410.6
47.5°	1422.0	1422.0	1410.6	1403.8	1410.6	1422.0	1422.0	1410.6	1331.7	1313.6	1324.8
50°	1347.5	1345.2	1329.4	1327.1	1329.4	1345.2	1347.5	1340.6	1257.2	1241.4	1241.4
52.5°	1261.6	1261.6	1263.9	1268.5	1263.9	1261.6	1261.6	1263.9	1189.5	1173.7	1169.1
55°	1187.2	1189.5	1205.3	1209.8	1205.3	1189.5	1187.2	1187.2	1119.5	1103.7	1094.7
57.5°	1110.5	1110.5	1121.7	1121.7	1121.7	1110.5	1110.5	1105.9	1040.5	1026.9	1022.4
60°	1022.4	1026.9	1036.0	1033.8	1036.0	1026.9	1022.4	1017.9	961.5	952.4	936.6
62.5°	929.9	934.4	936.6	932.1	936.6	934.4	929.9	916.3	882.5	875.7	855.4
65°	832.9	837.4	839.6	835.1	839.6	837.4	832.9	826.0	801.3	790.0	771.9
67.5°	733.5	731.3	729.0	738.1	729.0	731.3	733.5	724.5	708.7	699.7	674.8
70°	632.0	632.0	629.7	634.2	629.7	632.0	632.0	625.2	616.2	609.4	586.8
72.5°	523.7	521.4	530.4	523.7	530.4	521.4	523.7	521.4	516.8	510.1	487.5
75°	417.6	422.0	417.6	424.3	417.6	422.0	417.6	419.8	417.6	413.1	397.3
77.5°	318.2	322.8	318.2	318.2	318.2	322.8	318.2	320.5	320.5	320.5	307.0
80°	225.7	223.4	223.4	221.2	223.4	223.4	225.7	225.7	228.0	223.4	218.9
82.5°	144.4	142.2	142.2	146.7	142.2	142.2	144.4	146.7	142.2	142.2	142.2
85°	79.0	81.2	76.7	76.7	76.7	81.2	79.0	74.5	79.0	79.0	76.7
87.5°	29.4	27.1	27.1	27.1	27.1	27.1	29.4	31.6	31.6	31.6	33.8
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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2356.3	2367.6	2374.4	2383.4	2406.0
5°	2266.0	2308.9	2322.5	2356.3	2396.9
7.5°	2067.4	2198.4	2234.4	2315.7	2378.9
10°	1875.6	2006.5	2069.6	2261.6	2356.3
12.5°	1778.6	1855.3	1898.1	2166.8	2324.7
15°	1717.6	1771.7	1803.3	2040.3	2288.6
17.5°	1670.2	1708.6	1731.1	1916.2	2238.9
20°	1640.9	1658.9	1679.2	1826.0	2182.6
22.5°	1620.5	1609.3	1625.1	1762.7	2105.8
25°	1607.0	1564.1	1582.2	1713.0	2015.5
27.5°	1618.3	1523.5	1530.3	1667.9	1920.7
30°	1620.5	1473.8	1476.1	1620.5	1814.6
32.5°	1604.7	1422.0	1424.2	1561.9	1695.0
35°	1566.4	1361.0	1358.7	1494.1	1532.5
37.5°	1514.5	1295.5	1295.5	1419.6	1354.2
40°	1451.2	1230.0	1236.9	1322.6	1196.2
42.5°	1374.5	1160.1	1169.1	1194.0	1078.8
45°	1291.0	1092.4	1099.2	1008.9	988.6
47.5°	1198.5	1022.4	1024.7	837.4	959.3
50°	1087.9	950.2	941.2	717.7	957.0
52.5°	990.8	871.2	844.1	650.0	869.0
55°	896.1	787.7	729.0	598.1	805.8
57.5°	812.5	679.4	622.9	537.2	792.2
60°	735.7	573.3	530.4	471.7	726.8
62.5°	672.6	494.3	485.2	426.6	659.0
65°	604.9	440.1	437.8	388.2	559.7
67.5°	539.5	404.0	401.8	352.1	426.6
70°	469.4	365.7	361.1	313.7	315.9
72.5°	397.3	322.8	318.2	282.1	261.8
75°	325.0	273.1	270.8	246.0	212.2
77.5°	255.0	216.7	221.2	198.6	155.7
80°	182.8	158.0	162.5	142.2	117.4
82.5°	121.9	103.9	108.3	90.3	79.0
85°	67.7	58.7	60.9	47.4	36.1
87.5°	31.6	27.1	27.1	18.0	11.3
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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-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: P934843

CATALOG NUMBER: SQ4-FA-075U-100D-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	13.59	14.49	14.50	15.43	16.63	16.43	17.33	17.34	18.27	19.47
	3H	14.07	14.88	15.00	15.82	17.05	17.78	18.59	18.70	19.53	20.76
	4H	14.26	15.03	15.20	15.98	17.21	18.23	18.99	19.17	19.94	21.18
	6H	14.38	15.09	15.34	16.04	17.29	18.51	19.22	19.47	20.18	21.42
	8H	14.39	15.06	15.35	16.03	17.28	18.59	19.26	19.55	20.24	21.48
	12H	14.36	15.00	15.32	15.96	17.23	18.63	19.27	19.60	20.24	21.51
4H	2H	14.63	15.40	15.58	16.34	17.58	16.84	17.61	17.79	18.56	19.79
	3H	15.66	16.30	16.62	17.28	18.53	18.35	18.99	19.31	19.97	21.22
	4H	15.94	16.52	16.90	17.49	18.77	18.88	19.47	19.85	20.44	21.71
	6H	16.06	16.57	17.04	17.56	18.84	19.25	19.76	20.23	20.75	22.03
	8H	16.07	16.54	17.05	17.53	18.82	19.36	19.83	20.34	20.82	22.11
	12H	16.04	16.46	17.04	17.47	18.76	19.42	19.85	20.42	20.85	22.15
8H	4H	16.40	16.87	17.38	17.86	19.14	19.01	19.48	19.99	20.47	21.76
	6H	16.66	17.05	17.67	18.08	19.36	19.45	19.84	20.46	20.87	22.16
	8H	16.70	17.04	17.72	18.06	19.37	19.61	19.95	20.62	20.97	22.27
	12H	16.69	16.99	17.71	18.00	19.35	19.71	20.01	20.73	21.02	22.37
12H	4H	16.40	16.83	17.40	17.83	19.13	18.98	19.40	19.98	20.41	21.70
	6H	16.72	17.06	17.74	18.08	19.39	19.45	19.79	20.47	20.81	22.12
	8H	16.79	17.09	17.81	18.10	19.45	19.61	19.92	20.63	20.93	22.28