

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: P934939

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934939
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-92765-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

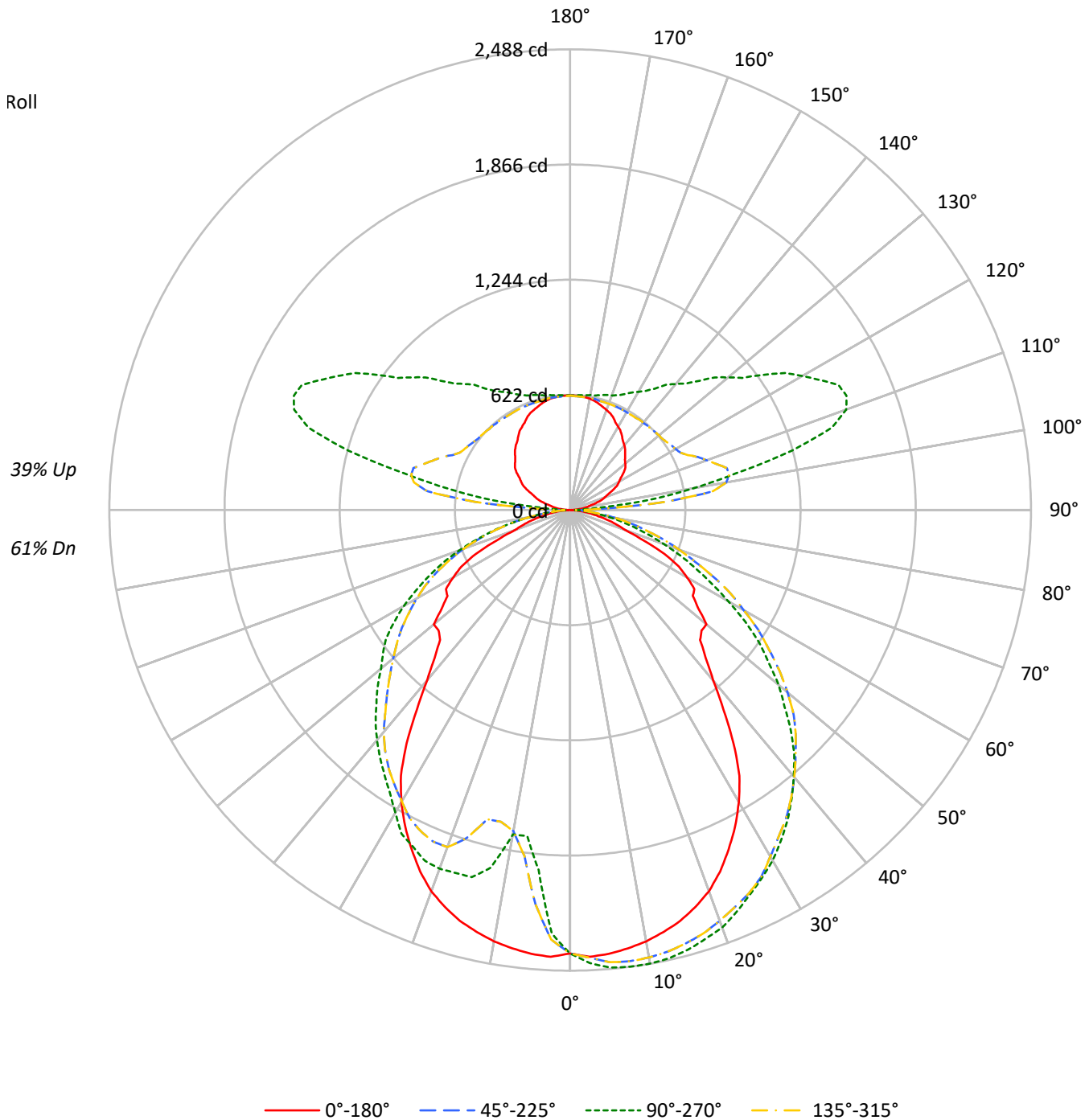
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10220.5 lumens
Efficiency: N/A
Efficacy: 109.9 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 (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934939
CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

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°	14814	14814	14814	14814
5°	14920	14954	14920	11758
10°	14814	14730	14814	10531
15°	14647	14412	14647	12034
20°	14335	14034	14335	12059
25°	13703	13482	13703	11803
30°	12887	13024	12887	11243
35°	11483	12445	11483	10626
40°	9563	11764	9563	10160
45°	8539	10965	8539	9624
50°	9065	10014	9065	9086
55°	8520	8988	8520	8775
60°	8772	7634	8772	8038
65°	7941	6310	7941	7054
70°	5484	5029	5484	5913
75°	4793	3718	4793	4452
80°	3834	2458	3834	2676
85°	2158	1301	2158	1106

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13096 cd/sqm



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.2	2.1
10°-20°	613.7	6.0
20°-30°	948.8	9.3
30°-40°	1132.6	11.1
40°-50°	1139.2	11.1
50°-60°	991.3	9.7
60°-70°	702.8	6.9
70°-80°	371.8	3.6
80°-90°	95.0	0.9
90°-100°	301.4	2.9
100°-110°	792.6	7.8
110°-120°	821.8	8.0
120°-130°	659.2	6.4
130°-140°	517.2	5.1
140°-150°	397.0	3.9
150°-160°	285.9	2.8
160°-170°	174.9	1.7
170°-180°	59.1	0.6
0°-30°	1778.7	17.4
0°-40°	2911.3	28.5
0°-60°	5041.8	49.3
0°-90°	6211.4	60.8
90°-120°	1915.8	18.7
90°-150°	3489.2	34.1
90°-180°	4009.0	39.2
0°-180°	10220.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2395	2395	2395	2395	2395	
5°	2406	2481	2406	1951	2406	228
15°	2297	2458	2297	2053	2297	646
25°	2023	2293	2023	2007	2023	929
35°	1538	2046	1538	1747	1538	952
45°	992	1686	992	1479	992	795
55°	809	1244	809	1214	809	743
65°	562	750	562	838	562	537
75°	213	356	213	426	213	224
85°	36	91	36	77	36	49
90°	4	16	4	16	4	5
95°	40	182	40	182	40	44
105°	143	1241	143	1241	143	151
115°	254	1598	254	1598	254	250
125°	353	1273	353	1273	353	313
135°	420	987	420	987	420	325
145°	488	801	488	801	488	306
155°	551	690	551	690	551	253
165°	595	642	595	642	595	168
175°	618	623	618	623	618	59
180°	618	618	618	618	618	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2415.1	2415.1	2428.7	2433.2	2433.2	2426.4	2419.6	2426.4	2446.8	2453.6	2451.3
5°	2406.1	2424.2	2449.1	2453.6	2458.2	2455.9	2451.3	2455.9	2478.5	2483.1	2485.3
7.5°	2387.9	2421.9	2453.6	2460.4	2467.2	2460.4	2458.2	2462.6	2485.3	2489.9	2489.9
10°	2365.3	2412.8	2449.1	2453.6	2460.4	2453.6	2453.6	2462.6	2485.3	2489.9	2492.1
12.5°	2333.6	2399.3	2433.2	2437.7	2446.8	2444.5	2442.3	2451.3	2474.0	2478.5	2478.5
15°	2297.3	2374.3	2406.1	2410.6	2426.4	2421.9	2421.9	2431.0	2455.9	2462.6	2460.4
17.5°	2247.4	2342.6	2378.8	2385.6	2397.0	2394.7	2397.0	2406.1	2428.7	2433.2	2435.5
20°	2190.8	2299.6	2342.6	2349.4	2360.7	2360.7	2360.7	2372.0	2394.7	2403.7	2403.7
22.5°	2113.8	2254.2	2299.6	2304.1	2317.7	2317.7	2322.2	2338.0	2358.5	2360.7	2360.7
25°	2023.1	2204.4	2242.9	2256.5	2270.1	2276.9	2283.7	2292.8	2299.6	2297.3	2299.6
27.5°	1928.0	2140.9	2190.8	2199.9	2218.0	2224.8	2233.9	2236.1	2238.4	2245.2	2240.7
30°	1821.5	2052.6	2127.4	2136.4	2165.9	2170.4	2161.4	2165.9	2177.2	2181.7	2186.3
32.5°	1701.4	1921.2	2061.7	2082.0	2109.3	2095.7	2093.4	2100.2	2118.3	2118.3	2122.8
35°	1538.3	1819.2	2000.5	2018.7	2039.0	2023.1	2032.2	2034.5	2045.8	2052.6	2050.3
37.5°	1359.4	1730.9	1937.1	1950.6	1966.5	1946.1	1959.7	1966.5	1975.5	1971.1	1971.1
40°	1200.8	1592.7	1862.3	1871.4	1884.9	1869.1	1882.7	1887.3	1891.7	1887.3	1884.9
42.5°	1082.9	1440.9	1783.0	1794.3	1785.2	1796.6	1801.1	1810.2	1803.4	1794.3	1794.3
45°	992.3	1400.2	1696.9	1710.5	1696.9	1715.1	1721.9	1721.9	1701.4	1696.9	1694.6
47.5°	962.9	1318.6	1610.8	1610.8	1604.0	1626.7	1638.0	1622.2	1601.7	1594.9	1594.9
50°	960.6	1228.0	1493.0	1484.0	1515.7	1542.9	1531.6	1515.7	1499.8	1474.9	1474.9
52.5°	872.3	1116.9	1341.3	1375.2	1425.1	1440.9	1422.7	1406.9	1379.7	1368.4	1359.4
55°	808.8	1001.3	1203.0	1271.0	1323.1	1343.5	1309.5	1293.7	1252.9	1246.1	1241.5
57.5°	795.2	833.7	1076.1	1162.3	1225.7	1223.4	1203.0	1173.5	1139.6	1132.8	1130.5
60°	729.5	602.6	940.2	1042.1	1107.8	1101.0	1082.9	1055.8	1024.0	1019.6	1015.0
62.5°	661.5	437.3	786.1	901.7	994.6	992.3	976.4	935.6	913.1	901.7	892.6
65°	561.9	367.0	559.6	749.9	883.6	888.1	854.1	824.7	799.8	786.1	783.9
67.5°	428.2	299.0	378.4	625.3	777.1	772.6	729.5	715.9	684.2	677.4	663.8
70°	317.1	199.4	262.8	507.5	672.9	661.5	627.6	611.7	582.3	566.4	557.4
72.5°	262.8	160.9	192.5	394.2	566.4	552.8	523.3	505.2	480.3	466.8	457.6
75°	213.0	170.0	147.3	292.2	459.9	450.9	423.6	405.5	385.2	367.0	369.3
77.5°	156.3	158.6	117.8	215.2	364.7	351.2	335.3	312.7	303.6	285.5	285.5
80°	117.8	124.6	88.4	147.3	262.8	262.8	249.2	233.3	217.5	208.4	208.4
82.5°	79.3	79.3	65.7	92.9	179.0	172.2	163.1	158.6	149.5	145.0	145.0
85°	36.2	45.3	40.8	56.7	97.4	101.9	101.9	97.4	95.2	90.6	92.9
87.5°	11.3	20.4	24.9	31.7	49.8	52.1	54.4	54.4	54.4	56.7	56.7
90°	4.1	7.4	10.8	11.6	18.2	27.0	31.5	28.0	21.1	15.8	15.8
92.5°	16.6	44.8	73.0	80.1	112.6	155.9	177.6	155.7	111.8	78.8	75.7
95°	39.8	91.5	143.1	156.0	277.1	438.5	519.2	463.4	351.5	267.7	258.2
97.5°	68.9	114.4	160.0	171.4	373.3	642.4	777.0	741.7	671.1	618.1	599.9
100°	91.3	132.6	174.0	184.3	408.3	707.0	856.3	858.9	864.1	867.9	846.4
102.5°	110.4	149.0	187.5	197.2	424.4	727.2	878.7	923.7	1013.7	1081.2	1062.8
105°	142.8	175.5	208.2	216.3	436.2	729.5	876.2	977.1	1178.9	1330.3	1320.4
107.5°	176.0	206.5	236.9	244.5	438.5	697.0	826.4	967.2	1248.7	1459.8	1462.2
110°	198.4	225.9	253.3	260.2	435.1	668.3	784.9	942.2	1257.0	1493.0	1503.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	220.4	246.5	272.8	279.3	435.2	643.1	747.1	908.2	1230.2	1471.8	1487.6
115°	253.6	277.8	301.9	308.0	439.3	614.3	701.9	857.0	1167.3	1400.0	1421.9
117.5°	286.4	308.3	330.3	335.8	447.5	596.3	670.7	810.8	1090.8	1300.8	1325.2
120°	305.5	326.2	346.8	352.0	454.1	590.2	658.3	786.2	1042.0	1234.0	1257.7
122.5°	324.2	345.0	365.9	371.1	463.6	587.1	648.8	763.9	994.3	1167.1	1190.5
125°	352.8	371.8	390.8	395.5	476.5	584.4	638.4	736.2	932.0	1078.7	1100.2
127.5°	376.1	395.3	414.4	419.2	489.3	582.9	629.7	713.6	881.7	1007.8	1026.0
130°	388.5	409.2	429.8	435.0	498.8	583.9	626.4	701.2	850.8	963.0	979.7
132.5°	401.3	422.0	442.7	447.8	506.4	584.4	623.4	690.4	824.3	924.8	939.8
135°	420.4	439.3	458.1	462.8	514.7	583.9	618.4	674.5	786.7	870.8	883.7
137.5°	440.0	458.5	477.2	481.8	527.1	587.4	617.6	665.0	759.8	830.9	841.6
140°	456.1	473.3	490.5	494.8	534.8	588.1	614.7	655.6	737.6	799.0	808.9
142.5°	468.6	484.5	500.4	504.3	541.1	590.1	614.7	650.6	722.6	776.6	785.1
145°	487.7	501.6	515.3	518.8	549.4	590.2	610.6	640.0	698.8	742.9	749.4
147.5°	506.7	520.2	533.7	537.1	561.5	594.2	610.6	633.7	680.0	714.7	720.1
150°	519.2	531.4	543.6	546.6	568.0	596.4	610.6	630.1	669.2	698.6	702.9
152.5°	532.1	541.4	550.6	552.9	572.1	597.7	610.6	627.2	660.6	685.7	689.0
155°	551.2	558.0	564.8	566.5	581.2	600.7	610.6	623.9	650.5	670.4	672.5
157.5°	565.3	572.0	578.6	580.3	590.4	603.9	610.6	620.9	641.5	657.1	658.6
160°	574.8	580.0	585.2	586.5	594.5	605.2	610.6	619.4	637.1	650.4	651.3
162.5°	584.4	588.3	592.2	593.1	598.9	606.7	610.6	618.1	633.0	644.2	645.0
165°	594.8	598.3	601.8	602.7	605.3	608.8	610.6	615.9	626.6	634.7	635.5
167.5°	604.3	606.0	607.6	608.1	610.3	613.2	614.7	618.1	625.2	630.5	630.8
170°	610.6	612.2	613.9	614.3	614.4	614.6	614.7	618.1	625.2	630.5	630.5
172.5°	613.9	614.2	614.6	614.7	614.7	614.7	614.7	617.4	623.0	627.2	626.8
175°	618.4	618.4	618.4	618.4	617.2	615.5	614.7	616.4	619.9	622.6	622.6
177.5°	618.4	618.4	618.4	618.4	617.4	616.2	615.6	617.0	619.7	621.8	621.4
180°	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2455.9	2449.1	2455.9	2451.3	2453.6	2446.8	2426.4	2419.6	2426.4	2433.2	2433.2
5°	2485.3	2480.8	2485.3	2485.3	2483.1	2478.5	2455.9	2451.3	2455.9	2458.2	2453.6
7.5°	2494.4	2487.6	2494.4	2489.9	2489.9	2485.3	2462.6	2458.2	2460.4	2467.2	2460.4
10°	2494.4	2487.6	2494.4	2492.1	2489.9	2485.3	2462.6	2453.6	2453.6	2460.4	2453.6
12.5°	2483.1	2478.5	2483.1	2478.5	2478.5	2474.0	2451.3	2442.3	2444.5	2446.8	2437.7
15°	2465.0	2458.2	2465.0	2460.4	2462.6	2455.9	2431.0	2421.9	2421.9	2426.4	2410.6
17.5°	2437.7	2428.7	2437.7	2435.5	2433.2	2428.7	2406.1	2397.0	2394.7	2397.0	2385.6
20°	2406.1	2399.3	2406.1	2403.7	2403.7	2394.7	2372.0	2360.7	2360.7	2360.7	2349.4
22.5°	2356.2	2349.4	2356.2	2360.7	2360.7	2358.5	2338.0	2322.2	2317.7	2317.7	2304.1
25°	2299.6	2292.8	2299.6	2299.6	2297.3	2299.6	2292.8	2283.7	2276.9	2270.1	2256.5
27.5°	2245.2	2240.7	2245.2	2240.7	2245.2	2238.4	2236.1	2233.9	2224.8	2218.0	2199.9
30°	2190.8	2186.3	2190.8	2186.3	2181.7	2177.2	2165.9	2161.4	2170.4	2165.9	2136.4
32.5°	2122.8	2118.3	2122.8	2122.8	2118.3	2118.3	2100.2	2093.4	2095.7	2109.3	2082.0
35°	2052.6	2045.8	2052.6	2050.3	2052.6	2045.8	2034.5	2032.2	2023.1	2039.0	2018.7
37.5°	1971.1	1964.2	1971.1	1971.1	1971.1	1975.5	1966.5	1959.7	1946.1	1966.5	1950.6
40°	1887.3	1878.2	1887.3	1884.9	1887.3	1891.7	1887.3	1882.7	1869.1	1884.9	1871.4
42.5°	1792.1	1789.8	1792.1	1794.3	1794.3	1803.4	1810.2	1801.1	1796.6	1785.2	1794.3
45°	1690.1	1685.6	1690.1	1694.6	1696.9	1701.4	1721.9	1721.9	1715.1	1696.9	1710.5
47.5°	1581.4	1570.0	1581.4	1594.9	1594.9	1601.7	1622.2	1638.0	1626.7	1604.0	1610.8
50°	1465.9	1468.1	1465.9	1474.9	1474.9	1499.8	1515.7	1531.6	1542.9	1515.7	1484.0
52.5°	1352.6	1350.3	1352.6	1359.4	1368.4	1379.7	1406.9	1422.7	1440.9	1425.1	1375.2
55°	1239.2	1243.8	1239.2	1241.5	1246.1	1252.9	1293.7	1309.5	1343.5	1323.1	1271.0
57.5°	1126.0	1119.2	1126.0	1130.5	1132.8	1139.6	1173.5	1203.0	1223.4	1225.7	1162.3
60°	994.6	985.5	994.6	1015.0	1019.6	1024.0	1055.8	1082.9	1101.0	1107.8	1042.1
62.5°	879.1	863.2	879.1	892.6	901.7	913.1	935.6	976.4	992.3	994.6	901.7
65°	756.7	749.9	756.7	783.9	786.1	799.8	824.7	854.1	888.1	883.6	749.9
67.5°	645.7	645.7	645.7	663.8	677.4	684.2	715.9	729.5	772.6	777.1	625.3
70°	543.7	541.5	543.7	557.4	566.4	582.3	611.7	627.6	661.5	672.9	507.5
72.5°	446.3	444.1	446.3	457.6	466.8	480.3	505.2	523.3	552.8	566.4	394.2
75°	360.3	355.7	360.3	369.3	367.0	385.2	405.5	423.6	450.9	459.9	292.2
77.5°	276.4	276.4	276.4	285.5	285.5	303.6	312.7	335.3	351.2	364.7	215.2
80°	206.2	203.9	206.2	208.4	208.4	217.5	233.3	249.2	262.8	262.8	147.3
82.5°	145.0	140.5	145.0	145.0	145.0	149.5	158.6	163.1	172.2	179.0	92.9
85°	90.6	90.6	90.6	92.9	90.6	95.2	97.4	101.9	101.9	97.4	56.7
87.5°	58.9	56.7	58.9	56.7	56.7	54.4	54.4	54.4	52.1	49.8	31.7
90°	15.8	15.8	15.8	15.8	15.8	21.1	28.0	31.5	27.0	18.2	11.6
92.5°	63.1	50.6	63.1	75.7	78.8	111.8	155.7	177.6	155.9	112.6	80.1
95°	220.2	182.2	220.2	258.2	267.7	351.5	463.4	519.2	438.5	277.1	156.0
97.5°	527.6	455.3	527.6	599.9	618.1	671.1	741.7	777.0	642.4	373.3	171.4
100°	760.2	674.0	760.2	846.4	867.9	864.1	858.9	856.3	707.0	408.3	184.3
102.5°	989.0	915.2	989.0	1062.8	1081.2	1013.7	923.7	878.7	727.2	424.4	197.2
105°	1280.6	1241.0	1280.6	1320.4	1330.3	1178.9	977.1	876.2	729.5	436.2	216.3
107.5°	1471.8	1481.3	1471.8	1462.2	1459.8	1248.7	967.2	826.4	697.0	438.5	244.5
110°	1544.6	1585.9	1544.6	1503.4	1493.0	1257.0	942.2	784.9	668.3	435.1	260.2



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1551.1	1614.6	1551.1	1487.6	1471.8	1230.2	908.2	747.1	643.1	435.2	279.3
115°	1510.0	1598.0	1510.0	1421.9	1400.0	1167.3	857.0	701.9	614.3	439.3	308.0
117.5°	1422.7	1520.3	1422.7	1325.2	1300.8	1090.8	810.8	670.7	596.3	447.5	335.8
120°	1352.5	1447.3	1352.5	1257.7	1234.0	1042.0	786.2	658.3	590.2	454.1	352.0
122.5°	1284.0	1377.6	1284.0	1190.5	1167.1	994.3	763.9	648.8	587.1	463.6	371.1
125°	1186.5	1272.6	1186.5	1100.2	1078.7	932.0	736.2	638.4	584.4	476.5	395.5
127.5°	1098.6	1171.3	1098.6	1026.0	1007.8	881.7	713.6	629.7	582.9	489.3	419.2
130°	1046.9	1114.0	1046.9	979.7	963.0	850.8	701.2	626.4	583.9	498.8	435.0
132.5°	999.9	1060.1	999.9	939.8	924.8	824.3	690.4	623.4	584.4	506.4	447.8
135°	935.6	987.4	935.6	883.7	870.8	786.7	674.5	618.4	583.9	514.7	462.8
137.5°	884.0	926.5	884.0	841.6	830.9	759.8	665.0	617.6	587.4	527.1	481.8
140°	848.6	888.2	848.6	808.9	799.0	737.6	655.6	614.7	588.1	534.8	494.8
142.5°	819.2	853.3	819.2	785.1	776.6	722.6	650.6	614.7	590.1	541.1	504.3
145°	775.2	801.0	775.2	749.4	742.9	698.8	640.0	610.6	590.2	549.4	518.8
147.5°	741.4	762.8	741.4	720.1	714.7	680.0	633.7	610.6	594.2	561.5	537.1
150°	720.3	737.6	720.3	702.9	698.6	669.2	630.1	610.6	596.4	568.0	546.6
152.5°	702.0	715.2	702.0	689.0	685.7	660.6	627.2	610.6	597.7	572.1	552.9
155°	681.2	689.8	681.2	672.5	670.4	650.5	623.9	610.6	600.7	581.2	566.5
157.5°	664.6	670.7	664.6	658.6	657.1	641.5	620.9	610.6	603.9	590.4	580.3
160°	654.7	658.3	654.7	651.3	650.4	637.1	619.4	610.6	605.2	594.5	586.5
162.5°	648.3	651.6	648.3	645.0	644.2	633.0	618.1	610.6	606.7	598.9	593.1
165°	639.0	642.5	639.0	635.5	634.7	626.6	615.9	610.6	608.8	605.3	602.7
167.5°	632.3	633.8	632.3	630.8	630.5	625.2	618.1	614.7	613.2	610.3	608.1
170°	630.5	630.5	630.5	630.5	630.5	625.2	618.1	614.7	614.6	614.4	614.3
172.5°	625.5	624.2	625.5	626.8	627.2	623.0	617.4	614.7	614.7	614.7	614.7
175°	622.6	622.6	622.6	622.6	622.6	619.9	616.4	614.7	615.5	617.2	618.4
177.5°	619.9	618.4	619.9	621.4	621.8	619.7	617.0	615.6	616.2	617.4	618.4
180°	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2428.7	2415.1	2415.1	2392.5	2383.4	2376.6	2365.3	2331.3	2322.2	2313.1	2326.7
5°	2449.1	2424.2	2406.1	2365.3	2331.3	2317.7	2274.7	2193.1	2138.7	2097.9	2075.3
7.5°	2453.6	2421.9	2387.9	2324.5	2242.9	2206.6	2075.3	1925.7	1884.9	1848.7	1826.0
10°	2449.1	2412.8	2365.3	2270.1	2077.6	2014.1	1882.7	1785.2	1760.3	1753.6	1760.3
12.5°	2433.2	2399.3	2333.6	2175.0	1905.4	1862.3	1785.2	1728.6	1724.1	1735.4	1796.6
15°	2406.1	2374.3	2297.3	2048.1	1810.2	1778.5	1724.1	1703.7	1728.6	1807.9	1991.4
17.5°	2378.8	2342.6	2247.4	1923.5	1737.7	1715.1	1676.5	1717.3	1857.8	1964.2	2025.4
20°	2342.6	2299.6	2190.8	1832.8	1685.6	1665.2	1647.1	1830.6	1937.1	1975.5	2009.6
22.5°	2299.6	2254.2	2113.8	1769.4	1631.2	1615.4	1626.7	1894.1	1937.1	1964.2	1993.7
25°	2242.9	2204.4	2023.1	1719.5	1588.1	1570.0	1613.1	1887.3	1912.2	1919.0	1977.9
27.5°	2190.8	2140.9	1928.0	1674.3	1536.0	1529.2	1624.4	1857.8	1875.9	1882.7	1946.1
30°	2127.4	2052.6	1821.5	1626.7	1481.7	1479.4	1626.7	1821.5	1817.0	1835.1	1898.5
32.5°	2061.7	1921.2	1701.4	1567.8	1429.6	1427.3	1610.8	1767.1	1762.7	1787.6	1835.1
35°	2000.5	1819.2	1538.3	1499.8	1363.8	1366.2	1572.4	1703.7	1706.0	1728.6	1758.1
37.5°	1937.1	1730.9	1359.4	1425.1	1300.5	1300.5	1520.2	1644.8	1640.3	1647.1	1687.9
40°	1862.3	1592.7	1200.8	1327.6	1241.5	1234.8	1456.8	1581.4	1565.5	1563.2	1619.9
42.5°	1783.0	1440.9	1082.9	1198.5	1173.5	1164.5	1379.7	1504.3	1474.9	1481.7	1554.1
45°	1696.9	1400.2	992.3	1012.7	1103.4	1096.5	1295.9	1416.0	1395.6	1413.7	1488.4
47.5°	1610.8	1318.6	962.9	840.5	1028.6	1026.3	1203.0	1329.9	1318.6	1336.7	1416.0
50°	1493.0	1228.0	960.6	720.4	944.7	953.8	1092.0	1246.1	1246.1	1261.9	1345.7
52.5°	1341.3	1116.9	872.3	652.5	847.4	874.5	994.6	1173.5	1178.1	1194.0	1268.7
55°	1203.0	1001.3	808.8	600.4	731.8	790.7	899.4	1098.8	1107.8	1123.7	1191.6
57.5°	1076.1	833.7	795.2	539.2	625.3	682.0	815.6	1026.3	1030.8	1044.5	1110.2
60°	940.2	602.6	729.5	473.5	532.4	575.5	738.6	940.2	956.1	965.1	1021.8
62.5°	786.1	437.3	661.5	428.2	487.1	496.1	675.2	858.6	879.1	885.8	919.8
65°	559.6	367.0	561.9	389.7	439.5	441.8	607.2	774.8	792.9	804.3	829.2
67.5°	378.4	299.0	428.2	353.4	403.3	405.5	541.5	677.4	702.3	711.4	727.2
70°	262.8	199.4	317.1	314.9	362.5	367.0	471.2	589.0	611.7	618.5	627.6
72.5°	192.5	160.9	262.8	283.2	319.5	324.0	398.7	489.3	512.0	518.8	523.3
75°	147.3	170.0	213.0	247.0	271.9	274.1	326.3	398.7	414.6	419.2	421.4
77.5°	117.8	158.6	156.3	199.4	222.0	217.5	256.0	308.1	321.7	321.7	321.7
80°	88.4	124.6	117.8	142.7	163.1	158.6	183.5	219.8	224.3	228.8	226.5
82.5°	65.7	79.3	79.3	90.6	108.7	104.3	122.4	142.7	142.7	142.7	147.3
85°	40.8	45.3	36.2	47.6	61.1	58.9	67.9	77.0	79.3	79.3	74.8
87.5°	24.9	20.4	11.3	18.1	27.2	27.2	31.7	34.0	31.7	31.7	31.7
90°	10.8	7.4	4.1	7.4	10.8	11.6	18.2	27.0	31.5	28.0	21.1
92.5°	73.0	44.8	16.6	44.8	73.0	80.1	112.6	155.9	177.6	155.7	111.8
95°	143.1	91.5	39.8	91.5	143.1	156.0	277.1	438.5	519.2	463.4	351.5
97.5°	160.0	114.4	68.9	114.4	160.0	171.4	373.3	642.4	777.0	741.7	671.1
100°	174.0	132.6	91.3	132.6	174.0	184.3	408.3	707.0	856.3	858.9	864.1
102.5°	187.5	149.0	110.4	149.0	187.5	197.2	424.4	727.2	878.7	923.7	1013.7
105°	208.2	175.5	142.8	175.5	208.2	216.3	436.2	729.5	876.2	977.1	1178.9
107.5°	236.9	206.5	176.0	206.5	236.9	244.5	438.5	697.0	826.4	967.2	1248.7
110°	253.3	225.9	198.4	225.9	253.3	260.2	435.1	668.3	784.9	942.2	1257.0



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	272.8	246.5	220.4	246.5	272.8	279.3	435.2	643.1	747.1	908.2	1230.2
115°	301.9	277.8	253.6	277.8	301.9	308.0	439.3	614.3	701.9	857.0	1167.3
117.5°	330.3	308.3	286.4	308.3	330.3	335.8	447.5	596.3	670.7	810.8	1090.8
120°	346.8	326.2	305.5	326.2	346.8	352.0	454.1	590.2	658.3	786.2	1042.0
122.5°	365.9	345.0	324.2	345.0	365.9	371.1	463.6	587.1	648.8	763.9	994.3
125°	390.8	371.8	352.8	371.8	390.8	395.5	476.5	584.4	638.4	736.2	932.0
127.5°	414.4	395.3	376.1	395.3	414.4	419.2	489.3	582.9	629.7	713.6	881.7
130°	429.8	409.2	388.5	409.2	429.8	435.0	498.8	583.9	626.4	701.2	850.8
132.5°	442.7	422.0	401.3	422.0	442.7	447.8	506.4	584.4	623.4	690.4	824.3
135°	458.1	439.3	420.4	439.3	458.1	462.8	514.7	583.9	618.4	674.5	786.7
137.5°	477.2	458.5	440.0	458.5	477.2	481.8	527.1	587.4	617.6	665.0	759.8
140°	490.5	473.3	456.1	473.3	490.5	494.8	534.8	588.1	614.7	655.6	737.6
142.5°	500.4	484.5	468.6	484.5	500.4	504.3	541.1	590.1	614.7	650.6	722.6
145°	515.3	501.6	487.7	501.6	515.3	518.8	549.4	590.2	610.6	640.0	698.8
147.5°	533.7	520.2	506.7	520.2	533.7	537.1	561.5	594.2	610.6	633.7	680.0
150°	543.6	531.4	519.2	531.4	543.6	546.6	568.0	596.4	610.6	630.1	669.2
152.5°	550.6	541.4	532.1	541.4	550.6	552.9	572.1	597.7	610.6	627.2	660.6
155°	564.8	558.0	551.2	558.0	564.8	566.5	581.2	600.7	610.6	623.9	650.5
157.5°	578.6	572.0	565.3	572.0	578.6	580.3	590.4	603.9	610.6	620.9	641.5
160°	585.2	580.0	574.8	580.0	585.2	586.5	594.5	605.2	610.6	619.4	637.1
162.5°	592.2	588.3	584.4	588.3	592.2	593.1	598.9	606.7	610.6	618.1	633.0
165°	601.8	598.3	594.8	598.3	601.8	602.7	605.3	608.8	610.6	615.9	626.6
167.5°	607.6	606.0	604.3	606.0	607.6	608.1	610.3	613.2	614.7	618.1	625.2
170°	613.9	612.2	610.6	612.2	613.9	614.3	614.4	614.6	614.7	618.1	625.2
172.5°	614.6	614.2	613.9	614.2	614.6	614.7	614.7	614.7	614.7	617.4	623.0
175°	618.4	618.4	618.4	618.4	618.4	618.4	617.2	615.5	614.7	616.4	619.9
177.5°	618.4	618.4	618.4	618.4	618.4	618.4	617.4	616.2	615.6	617.0	619.7
180°	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2310.9	2304.1	2313.1	2288.2	2313.1	2304.1	2310.9	2326.7	2313.1	2322.2	2331.3
5°	2027.7	2016.3	1980.1	1950.6	1980.1	2016.3	2027.7	2075.3	2097.9	2138.7	2193.1
7.5°	1812.5	1803.4	1794.3	1776.2	1794.3	1803.4	1812.5	1826.0	1848.7	1884.9	1925.7
10°	1764.9	1767.1	1780.8	1778.5	1780.8	1767.1	1764.9	1760.3	1753.6	1760.3	1785.2
12.5°	1887.3	1907.6	1982.4	1977.9	1982.4	1907.6	1887.3	1796.6	1735.4	1724.1	1728.6
15°	2027.7	2034.5	2050.3	2052.6	2050.3	2034.5	2027.7	1991.4	1807.9	1728.6	1703.7
17.5°	2041.2	2043.6	2054.9	2054.9	2054.9	2043.6	2041.2	2025.4	1964.2	1857.8	1717.3
20°	2030.0	2034.5	2057.1	2061.7	2057.1	2034.5	2030.0	2009.6	1975.5	1937.1	1830.6
22.5°	2025.4	2034.5	2052.6	2050.3	2052.6	2034.5	2025.4	1993.7	1964.2	1937.1	1894.1
25°	2002.8	2002.8	2005.0	2007.3	2005.0	2002.8	2002.8	1977.9	1919.0	1912.2	1887.3
27.5°	1955.2	1959.7	1973.3	1971.1	1973.3	1959.7	1955.2	1946.1	1882.7	1875.9	1857.8
30°	1912.2	1907.6	1896.3	1887.3	1896.3	1907.6	1912.2	1898.5	1835.1	1817.0	1821.5
32.5°	1839.7	1828.4	1817.0	1810.2	1817.0	1828.4	1839.7	1835.1	1787.6	1762.7	1767.1
35°	1753.6	1755.8	1753.6	1746.8	1753.6	1755.8	1753.6	1758.1	1728.6	1706.0	1703.7
37.5°	1692.4	1696.9	1694.6	1685.6	1694.6	1696.9	1692.4	1687.9	1647.1	1640.3	1644.8
40°	1628.9	1631.2	1628.9	1622.2	1628.9	1631.2	1628.9	1619.9	1563.2	1565.5	1581.4
42.5°	1567.8	1565.5	1558.7	1554.1	1558.7	1565.5	1567.8	1554.1	1481.7	1474.9	1504.3
45°	1497.5	1499.8	1486.2	1479.4	1486.2	1499.8	1497.5	1488.4	1413.7	1395.6	1416.0
47.5°	1427.3	1427.3	1416.0	1409.2	1416.0	1427.3	1427.3	1416.0	1336.7	1318.6	1329.9
50°	1352.6	1350.3	1334.5	1332.1	1334.5	1350.3	1352.6	1345.7	1261.9	1246.1	1246.1
52.5°	1266.4	1266.4	1268.7	1273.2	1268.7	1266.4	1266.4	1268.7	1194.0	1178.1	1173.5
55°	1191.6	1194.0	1209.9	1214.3	1209.9	1194.0	1191.6	1191.6	1123.7	1107.8	1098.8
57.5°	1114.7	1114.7	1126.0	1126.0	1126.0	1114.7	1114.7	1110.2	1044.5	1030.8	1026.3
60°	1026.3	1030.8	1039.9	1037.7	1039.9	1030.8	1026.3	1021.8	965.1	956.1	940.2
62.5°	933.4	938.0	940.2	935.6	940.2	938.0	933.4	919.8	885.8	879.1	858.6
65°	836.0	840.5	842.8	838.3	842.8	840.5	836.0	829.2	804.3	792.9	774.8
67.5°	736.3	734.0	731.8	740.9	731.8	734.0	736.3	727.2	711.4	702.3	677.4
70°	634.4	634.4	632.1	636.6	632.1	634.4	634.4	627.6	618.5	611.7	589.0
72.5°	525.6	523.3	532.4	525.6	532.4	523.3	525.6	523.3	518.8	512.0	489.3
75°	419.2	423.6	419.2	426.0	419.2	423.6	419.2	421.4	419.2	414.6	398.7
77.5°	319.5	324.0	319.5	319.5	319.5	324.0	319.5	321.7	321.7	321.7	308.1
80°	226.5	224.3	224.3	222.0	224.3	224.3	226.5	226.5	228.8	224.3	219.8
82.5°	145.0	142.7	142.7	147.3	142.7	142.7	145.0	147.3	142.7	142.7	142.7
85°	79.3	81.6	77.0	77.0	77.0	81.6	79.3	74.8	79.3	79.3	77.0
87.5°	29.5	27.2	27.2	27.2	27.2	27.2	29.5	31.7	31.7	31.7	34.0
90°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	21.1	28.0	31.5	27.0
92.5°	78.8	75.7	63.1	50.6	63.1	75.7	78.8	111.8	155.7	177.6	155.9
95°	267.7	258.2	220.2	182.2	220.2	258.2	267.7	351.5	463.4	519.2	438.5
97.5°	618.1	599.9	527.6	455.3	527.6	599.9	618.1	671.1	741.7	777.0	642.4
100°	867.9	846.4	760.2	674.0	760.2	846.4	867.9	864.1	858.9	856.3	707.0
102.5°	1081.2	1062.8	989.0	915.2	989.0	1062.8	1081.2	1013.7	923.7	878.7	727.2
105°	1330.3	1320.4	1280.6	1241.0	1280.6	1320.4	1330.3	1178.9	977.1	876.2	729.5
107.5°	1459.8	1462.2	1471.8	1481.3	1471.8	1462.2	1459.8	1248.7	967.2	826.4	697.0
110°	1493.0	1503.4	1544.6	1585.9	1544.6	1503.4	1493.0	1257.0	942.2	784.9	668.3



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1471.8	1487.6	1551.1	1614.6	1551.1	1487.6	1471.8	1230.2	908.2	747.1	643.1
115°	1400.0	1421.9	1510.0	1598.0	1510.0	1421.9	1400.0	1167.3	857.0	701.9	614.3
117.5°	1300.8	1325.2	1422.7	1520.3	1422.7	1325.2	1300.8	1090.8	810.8	670.7	596.3
120°	1234.0	1257.7	1352.5	1447.3	1352.5	1257.7	1234.0	1042.0	786.2	658.3	590.2
122.5°	1167.1	1190.5	1284.0	1377.6	1284.0	1190.5	1167.1	994.3	763.9	648.8	587.1
125°	1078.7	1100.2	1186.5	1272.6	1186.5	1100.2	1078.7	932.0	736.2	638.4	584.4
127.5°	1007.8	1026.0	1098.6	1171.3	1098.6	1026.0	1007.8	881.7	713.6	629.7	582.9
130°	963.0	979.7	1046.9	1114.0	1046.9	979.7	963.0	850.8	701.2	626.4	583.9
132.5°	924.8	939.8	999.9	1060.1	999.9	939.8	924.8	824.3	690.4	623.4	584.4
135°	870.8	883.7	935.6	987.4	935.6	883.7	870.8	786.7	674.5	618.4	583.9
137.5°	830.9	841.6	884.0	926.5	884.0	841.6	830.9	759.8	665.0	617.6	587.4
140°	799.0	808.9	848.6	888.2	848.6	808.9	799.0	737.6	655.6	614.7	588.1
142.5°	776.6	785.1	819.2	853.3	819.2	785.1	776.6	722.6	650.6	614.7	590.1
145°	742.9	749.4	775.2	801.0	775.2	749.4	742.9	698.8	640.0	610.6	590.2
147.5°	714.7	720.1	741.4	762.8	741.4	720.1	714.7	680.0	633.7	610.6	594.2
150°	698.6	702.9	720.3	737.6	720.3	702.9	698.6	669.2	630.1	610.6	596.4
152.5°	685.7	689.0	702.0	715.2	702.0	689.0	685.7	660.6	627.2	610.6	597.7
155°	670.4	672.5	681.2	689.8	681.2	672.5	670.4	650.5	623.9	610.6	600.7
157.5°	657.1	658.6	664.6	670.7	664.6	658.6	657.1	641.5	620.9	610.6	603.9
160°	650.4	651.3	654.7	658.3	654.7	651.3	650.4	637.1	619.4	610.6	605.2
162.5°	644.2	645.0	648.3	651.6	648.3	645.0	644.2	633.0	618.1	610.6	606.7
165°	634.7	635.5	639.0	642.5	639.0	635.5	634.7	626.6	615.9	610.6	608.8
167.5°	630.5	630.8	632.3	633.8	632.3	630.8	630.5	625.2	618.1	614.7	613.2
170°	630.5	630.5	630.5	630.5	630.5	630.5	630.5	625.2	618.1	614.7	614.6
172.5°	627.2	626.8	625.5	624.2	625.5	626.8	627.2	623.0	617.4	614.7	614.7
175°	622.6	622.6	622.6	622.6	622.6	622.6	622.6	619.9	616.4	614.7	615.5
177.5°	621.8	621.4	619.9	618.4	619.9	621.4	621.8	619.7	617.0	615.6	616.2
180°	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4	618.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2394.7	2394.7	2394.7	2394.7	2394.7
2.5°	2365.3	2376.6	2383.4	2392.5	2415.1
5°	2274.7	2317.7	2331.3	2365.3	2406.1
7.5°	2075.3	2206.6	2242.9	2324.5	2387.9
10°	1882.7	2014.1	2077.6	2270.1	2365.3
12.5°	1785.2	1862.3	1905.4	2175.0	2333.6
15°	1724.1	1778.5	1810.2	2048.1	2297.3
17.5°	1676.5	1715.1	1737.7	1923.5	2247.4
20°	1647.1	1665.2	1685.6	1832.8	2190.8
22.5°	1626.7	1615.4	1631.2	1769.4	2113.8
25°	1613.1	1570.0	1588.1	1719.5	2023.1
27.5°	1624.4	1529.2	1536.0	1674.3	1928.0
30°	1626.7	1479.4	1481.7	1626.7	1821.5
32.5°	1610.8	1427.3	1429.6	1567.8	1701.4
35°	1572.4	1366.2	1363.8	1499.8	1538.3
37.5°	1520.2	1300.5	1300.5	1425.1	1359.4
40°	1456.8	1234.8	1241.5	1327.6	1200.8
42.5°	1379.7	1164.5	1173.5	1198.5	1082.9
45°	1295.9	1096.5	1103.4	1012.7	992.3
47.5°	1203.0	1026.3	1028.6	840.5	962.9
50°	1092.0	953.8	944.7	720.4	960.6
52.5°	994.6	874.5	847.4	652.5	872.3
55°	899.4	790.7	731.8	600.4	808.8
57.5°	815.6	682.0	625.3	539.2	795.2
60°	738.6	575.5	532.4	473.5	729.5
62.5°	675.2	496.1	487.1	428.2	661.5
65°	607.2	441.8	439.5	389.7	561.9
67.5°	541.5	405.5	403.3	353.4	428.2
70°	471.2	367.0	362.5	314.9	317.1
72.5°	398.7	324.0	319.5	283.2	262.8
75°	326.3	274.1	271.9	247.0	213.0
77.5°	256.0	217.5	222.0	199.4	156.3
80°	183.5	158.6	163.1	142.7	117.8
82.5°	122.4	104.3	108.7	90.6	79.3
85°	67.9	58.9	61.1	47.6	36.2
87.5°	31.7	27.2	27.2	18.1	11.3
90°	18.2	11.6	10.8	7.4	4.1
92.5°	112.6	80.1	73.0	44.8	16.6
95°	277.1	156.0	143.1	91.5	39.8
97.5°	373.3	171.4	160.0	114.4	68.9
100°	408.3	184.3	174.0	132.6	91.3
102.5°	424.4	197.2	187.5	149.0	110.4
105°	436.2	216.3	208.2	175.5	142.8
107.5°	438.5	244.5	236.9	206.5	176.0
110°	435.1	260.2	253.3	225.9	198.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	435.2	279.3	272.8	246.5	220.4
115°	439.3	308.0	301.9	277.8	253.6
117.5°	447.5	335.8	330.3	308.3	286.4
120°	454.1	352.0	346.8	326.2	305.5
122.5°	463.6	371.1	365.9	345.0	324.2
125°	476.5	395.5	390.8	371.8	352.8
127.5°	489.3	419.2	414.4	395.3	376.1
130°	498.8	435.0	429.8	409.2	388.5
132.5°	506.4	447.8	442.7	422.0	401.3
135°	514.7	462.8	458.1	439.3	420.4
137.5°	527.1	481.8	477.2	458.5	440.0
140°	534.8	494.8	490.5	473.3	456.1
142.5°	541.1	504.3	500.4	484.5	468.6
145°	549.4	518.8	515.3	501.6	487.7
147.5°	561.5	537.1	533.7	520.2	506.7
150°	568.0	546.6	543.6	531.4	519.2
152.5°	572.1	552.9	550.6	541.4	532.1
155°	581.2	566.5	564.8	558.0	551.2
157.5°	590.4	580.3	578.6	572.0	565.3
160°	594.5	586.5	585.2	580.0	574.8
162.5°	598.9	593.1	592.2	588.3	584.4
165°	605.3	602.7	601.8	598.3	594.8
167.5°	610.3	608.1	607.6	606.0	604.3
170°	614.4	614.3	613.9	612.2	610.6
172.5°	614.7	614.7	614.6	614.2	613.9
175°	617.2	618.4	618.4	618.4	618.4
177.5°	617.4	618.4	618.4	618.4	618.4
180°	618.4	618.4	618.4	618.4	618.4



TEST NUMBER: P934939

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3500K

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	15.11	16.07	15.97	16.95	18.06	17.93	18.90	18.79	19.78	20.89
	3H	15.59	16.46	16.46	17.35	18.48	19.28	20.15	20.15	21.04	22.18
	4H	15.79	16.61	16.68	17.50	18.65	19.73	20.55	20.62	21.45	22.59
	6H	15.91	16.67	16.81	17.57	18.73	20.02	20.78	20.92	21.68	22.84
	8H	15.92	16.64	16.82	17.56	18.71	20.10	20.82	21.00	21.74	22.89
	12H	15.89	16.58	16.80	17.49	18.67	20.14	20.82	21.05	21.74	22.92
4H	2H	16.15	16.97	17.04	17.87	19.01	18.35	19.17	19.25	20.07	21.21
	3H	17.19	17.87	18.09	18.80	19.96	19.87	20.55	20.77	21.48	22.64
	4H	17.47	18.09	18.38	19.01	20.20	20.40	21.02	21.31	21.94	23.13
	6H	17.60	18.14	18.53	19.08	20.27	20.77	21.31	21.70	22.25	23.44
	8H	17.61	18.11	18.54	19.05	20.25	20.88	21.38	21.81	22.32	23.52
	12H	17.58	18.03	18.53	18.99	20.20	20.94	21.39	21.89	22.35	23.56
8H	4H	17.93	18.43	18.86	19.37	20.57	20.53	21.03	21.46	21.98	23.18
	6H	18.20	18.61	19.15	19.59	20.79	20.97	21.39	21.93	22.37	23.57
	8H	18.24	18.61	19.21	19.58	20.80	21.12	21.49	22.09	22.46	23.68
	12H	18.23	18.55	19.20	19.52	20.78	21.23	21.55	22.20	22.52	23.78
12H	4H	17.94	18.39	18.89	19.35	20.56	20.50	20.95	21.45	21.91	23.12
	6H	18.26	18.62	19.22	19.60	20.82	20.97	21.34	21.94	22.31	23.53
	8H	18.33	18.65	19.30	19.62	20.88	21.13	21.46	22.11	22.42	23.69