

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: P934539

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934539
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-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: -

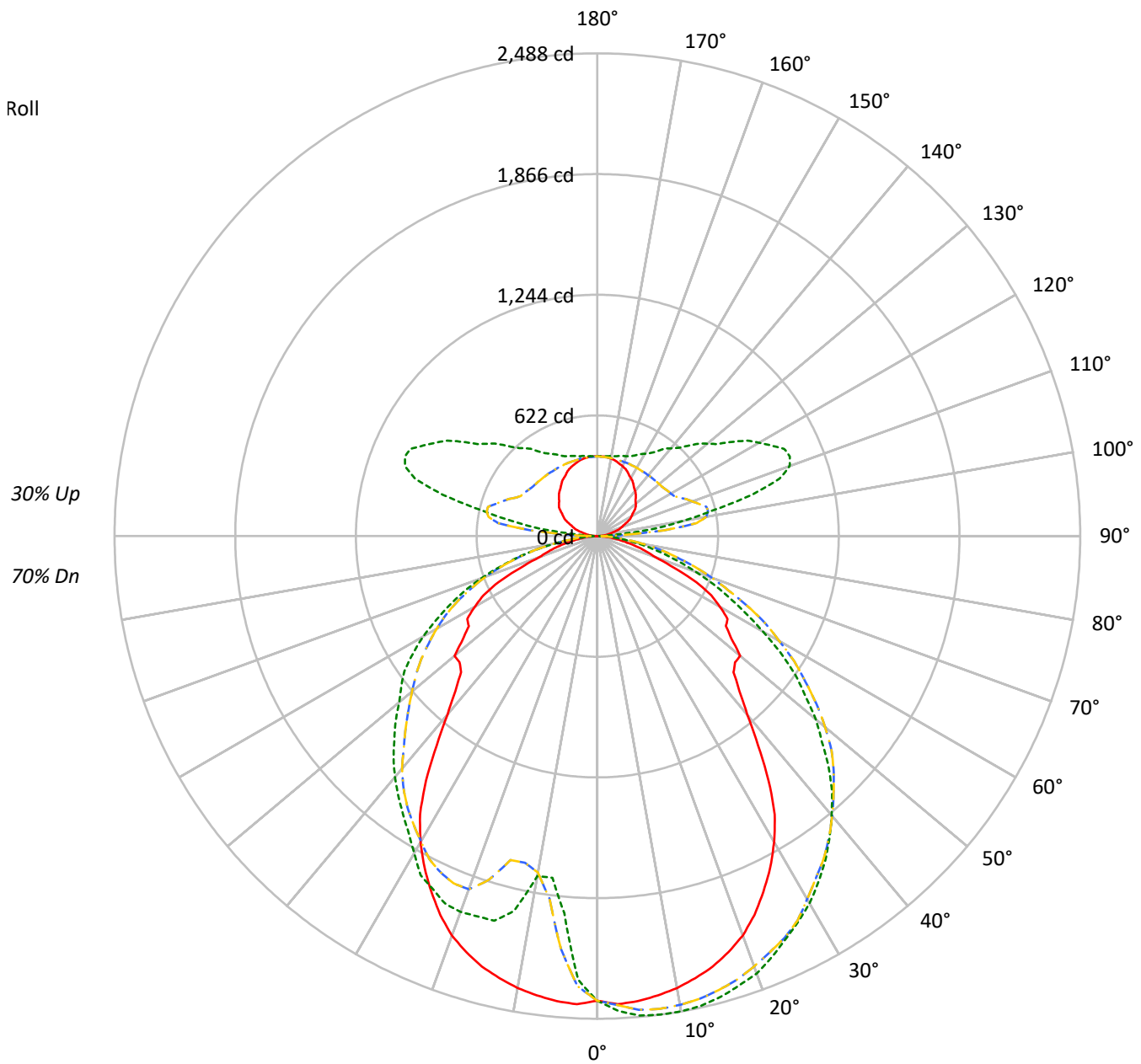
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8876.2 lumens
Efficiency: N/A
Efficacy: 105.7 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): 84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.2	2.4
10°-20°	613.7	6.9
20°-30°	948.8	10.7
30°-40°	1132.6	12.8
40°-50°	1139.2	12.8
50°-60°	991.3	11.2
60°-70°	702.8	7.9
70°-80°	371.8	4.2
80°-90°	94.2	1.1
90°-100°	200.4	2.3
100°-110°	527.0	5.9
110°-120°	546.4	6.2
120°-130°	438.3	4.9
130°-140°	343.9	3.9
140°-150°	264.0	3.0
150°-160°	190.1	2.1
160°-170°	116.3	1.3
170°-180°	39.3	0.4
0°-30°	1778.7	20.0
0°-40°	2911.3	32.8
0°-60°	5041.8	56.8
0°-90°	6210.6	70.0
90°-120°	1273.8	14.4
90°-150°	2319.9	26.1
90°-180°	2666.0	30.0
0°-180°	8876.2	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°	3	10	3	10	3	4
95°	26	121	26	121	26	29
105°	95	825	95	825	95	101
115°	169	1062	169	1062	169	167
125°	235	846	235	846	235	208
135°	280	656	280	656	280	216
145°	324	533	324	533	324	203
155°	366	459	366	459	366	168
165°	395	427	395	427	395	112
175°	411	414	411	414	411	39
180°	411	411	411	411	411	



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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°	2.8	5.0	7.2	7.8	12.1	18.0	21.0	18.7	13.9	10.4	10.4
92.5°	11.1	29.8	48.6	53.3	74.9	103.7	118.1	103.5	74.3	52.4	50.3
95°	26.5	60.8	95.2	103.7	184.2	291.6	345.3	308.1	233.8	178.0	171.7
97.5°	45.8	76.1	106.4	114.0	248.2	427.2	516.6	493.2	446.1	410.9	398.8
100°	60.7	88.2	115.7	122.6	271.4	470.1	569.3	571.0	574.5	577.1	562.8
102.5°	73.4	99.1	124.7	131.1	282.2	483.5	584.2	614.1	674.0	718.9	706.7
105°	95.0	116.7	138.4	143.8	290.0	485.0	582.5	649.6	783.8	884.5	877.9
107.5°	117.0	137.3	157.5	162.5	291.5	463.4	549.4	643.0	830.1	970.5	972.2
110°	131.9	150.1	168.4	173.0	289.3	444.3	521.8	626.4	835.8	992.7	999.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	146.6	164.0	181.4	185.8	289.4	427.7	496.7	603.9	818.0	978.6	989.1
115°	168.6	184.7	200.8	204.8	292.1	408.5	466.7	569.8	776.1	930.8	945.5
117.5°	190.4	205.0	219.6	223.2	297.5	396.5	446.0	539.1	725.3	864.9	881.1
120°	203.1	216.8	230.6	234.0	301.9	392.4	437.7	522.7	692.9	820.4	836.2
122.5°	215.6	229.4	243.2	246.7	308.2	390.3	431.3	507.9	661.2	776.0	791.6
125°	234.6	247.2	259.8	263.0	316.8	388.6	424.4	489.5	619.7	717.2	731.5
127.5°	250.0	262.8	275.6	278.8	325.4	387.6	418.6	474.5	586.2	670.0	682.1
130°	258.3	272.1	285.8	289.2	331.6	388.1	416.4	466.1	565.7	640.3	651.4
132.5°	266.9	280.6	294.4	297.8	336.7	388.6	414.5	459.1	548.1	614.8	624.8
135°	279.6	292.1	304.6	307.7	342.2	388.2	411.2	448.5	523.1	579.0	587.6
137.5°	292.5	304.9	317.2	320.4	350.4	390.5	410.6	442.1	505.1	552.4	559.5
140°	303.3	314.7	326.1	328.9	355.5	391.0	408.7	436.0	490.4	531.2	537.8
142.5°	311.5	322.1	332.6	335.3	359.7	392.4	408.7	432.7	480.4	516.3	522.0
145°	324.3	333.5	342.7	345.0	365.3	392.4	406.0	425.5	464.6	494.0	498.3
147.5°	337.0	345.9	354.9	357.1	373.4	395.1	406.0	421.3	452.1	475.2	478.8
150°	345.3	353.4	361.4	363.5	377.7	396.5	406.0	419.0	445.0	464.4	467.3
152.5°	353.7	359.9	366.1	367.6	380.3	397.4	406.0	417.0	439.3	455.9	458.0
155°	366.5	371.1	375.5	376.7	386.4	399.4	406.0	414.8	432.5	445.7	447.1
157.5°	375.9	380.3	384.7	385.8	392.5	401.5	406.0	412.8	426.6	436.8	437.8
160°	382.2	385.6	389.0	389.9	395.3	402.4	406.0	411.9	423.6	432.5	433.0
162.5°	388.6	391.1	393.7	394.4	398.2	403.4	406.0	411.0	420.9	428.3	428.8
165°	395.4	397.8	400.1	400.7	402.5	404.8	406.0	409.5	416.6	421.9	422.6
167.5°	401.8	402.8	404.0	404.3	405.8	407.7	408.7	411.1	415.7	419.2	419.4
170°	406.0	407.0	408.2	408.5	408.6	408.6	408.7	411.1	415.7	419.2	419.2
172.5°	408.2	408.5	408.6	408.7	408.7	408.7	408.7	410.5	414.2	416.9	416.8
175°	411.2	411.2	411.2	411.2	410.4	409.3	408.7	409.9	412.2	413.9	413.9
177.5°	411.2	411.2	411.2	411.2	410.6	409.7	409.3	410.2	412.0	413.4	413.1
180°	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2



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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°	10.4	10.4	10.4	10.4	10.4	13.9	18.7	21.0	18.0	12.1	7.8
92.5°	42.0	33.7	42.0	50.3	52.4	74.3	103.5	118.1	103.7	74.9	53.3
95°	146.4	121.1	146.4	171.7	178.0	233.8	308.1	345.3	291.6	184.2	103.7
97.5°	350.8	302.8	350.8	398.8	410.9	446.1	493.2	516.6	427.2	248.2	114.0
100°	505.5	448.2	505.5	562.8	577.1	574.5	571.0	569.3	470.1	271.4	122.6
102.5°	657.6	608.5	657.6	706.7	718.9	674.0	614.1	584.2	483.5	282.2	131.1
105°	851.6	825.1	851.6	877.9	884.5	783.8	649.6	582.5	485.0	290.0	143.8
107.5°	978.5	984.9	978.5	972.2	970.5	830.1	643.0	549.4	463.4	291.5	162.5
110°	1027.0	1054.5	1027.0	999.6	992.7	835.8	626.4	521.8	444.3	289.3	173.0



TEST NUMBER: P934539

CATALOG NUMBER: SQ4-FA-050U-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°	1031.3	1073.5	1031.3	989.1	978.6	818.0	603.9	496.7	427.7	289.4	185.8
115°	1003.9	1062.5	1003.9	945.5	930.8	776.1	569.8	466.7	408.5	292.1	204.8
117.5°	946.0	1010.9	946.0	881.1	864.9	725.3	539.1	446.0	396.5	297.5	223.2
120°	899.2	962.3	899.2	836.2	820.4	692.9	522.7	437.7	392.4	301.9	234.0
122.5°	853.8	915.9	853.8	791.6	776.0	661.2	507.9	431.3	390.3	308.2	246.7
125°	788.8	846.1	788.8	731.5	717.2	619.7	489.5	424.4	388.6	316.8	263.0
127.5°	730.4	778.8	730.4	682.1	670.0	586.2	474.5	418.6	387.6	325.4	278.8
130°	696.1	740.7	696.1	651.4	640.3	565.7	466.1	416.4	388.1	331.6	289.2
132.5°	664.8	704.8	664.8	624.8	614.8	548.1	459.1	414.5	388.6	336.7	297.8
135°	622.1	656.5	622.1	587.6	579.0	523.1	448.5	411.2	388.2	342.2	307.7
137.5°	587.8	616.0	587.8	559.5	552.4	505.1	442.1	410.6	390.5	350.4	320.4
140°	564.1	590.6	564.1	537.8	531.2	490.4	436.0	408.7	391.0	355.5	328.9
142.5°	544.7	567.3	544.7	522.0	516.3	480.4	432.7	408.7	392.4	359.7	335.3
145°	515.5	532.6	515.5	498.3	494.0	464.6	425.5	406.0	392.4	365.3	345.0
147.5°	493.0	507.2	493.0	478.8	475.2	452.1	421.3	406.0	395.1	373.4	357.1
150°	478.9	490.4	478.9	467.3	464.4	445.0	419.0	406.0	396.5	377.7	363.5
152.5°	466.8	475.5	466.8	458.0	455.9	439.3	417.0	406.0	397.4	380.3	367.6
155°	452.9	458.6	452.9	447.1	445.7	432.5	414.8	406.0	399.4	386.4	376.7
157.5°	441.9	446.0	441.9	437.8	436.8	426.6	412.8	406.0	401.5	392.5	385.8
160°	435.3	437.7	435.3	433.0	432.5	423.6	411.9	406.0	402.4	395.3	389.9
162.5°	431.0	433.3	431.0	428.8	428.3	420.9	411.0	406.0	403.4	398.2	394.4
165°	424.9	427.2	424.9	422.6	421.9	416.6	409.5	406.0	404.8	402.5	400.7
167.5°	420.4	421.4	420.4	419.4	419.2	415.7	411.1	408.7	407.7	405.8	404.3
170°	419.2	419.2	419.2	419.2	419.2	415.7	411.1	408.7	408.6	408.6	408.5
172.5°	415.9	415.1	415.9	416.8	416.9	414.2	410.5	408.7	408.7	408.7	408.7
175°	413.9	413.9	413.9	413.9	413.9	412.2	409.9	408.7	409.3	410.4	411.2
177.5°	412.2	411.2	412.2	413.1	413.4	412.0	410.2	409.3	409.7	410.6	411.2
180°	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2



TEST NUMBER: P934539

CATALOG NUMBER: SQ4-FA-050U-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°	7.2	5.0	2.8	5.0	7.2	7.8	12.1	18.0	21.0	18.7	13.9
92.5°	48.6	29.8	11.1	29.8	48.6	53.3	74.9	103.7	118.1	103.5	74.3
95°	95.2	60.8	26.5	60.8	95.2	103.7	184.2	291.6	345.3	308.1	233.8
97.5°	106.4	76.1	45.8	76.1	106.4	114.0	248.2	427.2	516.6	493.2	446.1
100°	115.7	88.2	60.7	88.2	115.7	122.6	271.4	470.1	569.3	571.0	574.5
102.5°	124.7	99.1	73.4	99.1	124.7	131.1	282.2	483.5	584.2	614.1	674.0
105°	138.4	116.7	95.0	116.7	138.4	143.8	290.0	485.0	582.5	649.6	783.8
107.5°	157.5	137.3	117.0	137.3	157.5	162.5	291.5	463.4	549.4	643.0	830.1
110°	168.4	150.1	131.9	150.1	168.4	173.0	289.3	444.3	521.8	626.4	835.8



TEST NUMBER: P934539

CATALOG NUMBER: SQ4-FA-050U-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°	181.4	164.0	146.6	164.0	181.4	185.8	289.4	427.7	496.7	603.9	818.0
115°	200.8	184.7	168.6	184.7	200.8	204.8	292.1	408.5	466.7	569.8	776.1
117.5°	219.6	205.0	190.4	205.0	219.6	223.2	297.5	396.5	446.0	539.1	725.3
120°	230.6	216.8	203.1	216.8	230.6	234.0	301.9	392.4	437.7	522.7	692.9
122.5°	243.2	229.4	215.6	229.4	243.2	246.7	308.2	390.3	431.3	507.9	661.2
125°	259.8	247.2	234.6	247.2	259.8	263.0	316.8	388.6	424.4	489.5	619.7
127.5°	275.6	262.8	250.0	262.8	275.6	278.8	325.4	387.6	418.6	474.5	586.2
130°	285.8	272.1	258.3	272.1	285.8	289.2	331.6	388.1	416.4	466.1	565.7
132.5°	294.4	280.6	266.9	280.6	294.4	297.8	336.7	388.6	414.5	459.1	548.1
135°	304.6	292.1	279.6	292.1	304.6	307.7	342.2	388.2	411.2	448.5	523.1
137.5°	317.2	304.9	292.5	304.9	317.2	320.4	350.4	390.5	410.6	442.1	505.1
140°	326.1	314.7	303.3	314.7	326.1	328.9	355.5	391.0	408.7	436.0	490.4
142.5°	332.6	322.1	311.5	322.1	332.6	335.3	359.7	392.4	408.7	432.7	480.4
145°	342.7	333.5	324.3	333.5	342.7	345.0	365.3	392.4	406.0	425.5	464.6
147.5°	354.9	345.9	337.0	345.9	354.9	357.1	373.4	395.1	406.0	421.3	452.1
150°	361.4	353.4	345.3	353.4	361.4	363.5	377.7	396.5	406.0	419.0	445.0
152.5°	366.1	359.9	353.7	359.9	366.1	367.6	380.3	397.4	406.0	417.0	439.3
155°	375.5	371.1	366.5	371.1	375.5	376.7	386.4	399.4	406.0	414.8	432.5
157.5°	384.7	380.3	375.9	380.3	384.7	385.8	392.5	401.5	406.0	412.8	426.6
160°	389.0	385.6	382.2	385.6	389.0	389.9	395.3	402.4	406.0	411.9	423.6
162.5°	393.7	391.1	388.6	391.1	393.7	394.4	398.2	403.4	406.0	411.0	420.9
165°	400.1	397.8	395.4	397.8	400.1	400.7	402.5	404.8	406.0	409.5	416.6
167.5°	404.0	402.8	401.8	402.8	404.0	404.3	405.8	407.7	408.7	411.1	415.7
170°	408.2	407.0	406.0	407.0	408.2	408.5	408.6	408.6	408.7	411.1	415.7
172.5°	408.6	408.5	408.2	408.5	408.6	408.7	408.7	408.7	408.7	410.5	414.2
175°	411.2	411.2	411.2	411.2	411.2	411.2	410.4	409.3	408.7	409.9	412.2
177.5°	411.2	411.2	411.2	411.2	411.2	411.2	410.6	409.7	409.3	410.2	412.0
180°	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2



TEST NUMBER: P934539

CATALOG NUMBER: SQ4-FA-050U-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°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	13.9	18.7	21.0	18.0
92.5°	52.4	50.3	42.0	33.7	42.0	50.3	52.4	74.3	103.5	118.1	103.7
95°	178.0	171.7	146.4	121.1	146.4	171.7	178.0	233.8	308.1	345.3	291.6
97.5°	410.9	398.8	350.8	302.8	350.8	398.8	410.9	446.1	493.2	516.6	427.2
100°	577.1	562.8	505.5	448.2	505.5	562.8	577.1	574.5	571.0	569.3	470.1
102.5°	718.9	706.7	657.6	608.5	657.6	706.7	718.9	674.0	614.1	584.2	483.5
105°	884.5	877.9	851.6	825.1	851.6	877.9	884.5	783.8	649.6	582.5	485.0
107.5°	970.5	972.2	978.5	984.9	978.5	972.2	970.5	830.1	643.0	549.4	463.4
110°	992.7	999.6	1027.0	1054.5	1027.0	999.6	992.7	835.8	626.4	521.8	444.3



TEST NUMBER: P934539

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	978.6	989.1	1031.3	1073.5	1031.3	989.1	978.6	818.0	603.9	496.7	427.7
115°	930.8	945.5	1003.9	1062.5	1003.9	945.5	930.8	776.1	569.8	466.7	408.5
117.5°	864.9	881.1	946.0	1010.9	946.0	881.1	864.9	725.3	539.1	446.0	396.5
120°	820.4	836.2	899.2	962.3	899.2	836.2	820.4	692.9	522.7	437.7	392.4
122.5°	776.0	791.6	853.8	915.9	853.8	791.6	776.0	661.2	507.9	431.3	390.3
125°	717.2	731.5	788.8	846.1	788.8	731.5	717.2	619.7	489.5	424.4	388.6
127.5°	670.0	682.1	730.4	778.8	730.4	682.1	670.0	586.2	474.5	418.6	387.6
130°	640.3	651.4	696.1	740.7	696.1	651.4	640.3	565.7	466.1	416.4	388.1
132.5°	614.8	624.8	664.8	704.8	664.8	624.8	614.8	548.1	459.1	414.5	388.6
135°	579.0	587.6	622.1	656.5	622.1	587.6	579.0	523.1	448.5	411.2	388.2
137.5°	552.4	559.5	587.8	616.0	587.8	559.5	552.4	505.1	442.1	410.6	390.5
140°	531.2	537.8	564.1	590.6	564.1	537.8	531.2	490.4	436.0	408.7	391.0
142.5°	516.3	522.0	544.7	567.3	544.7	522.0	516.3	480.4	432.7	408.7	392.4
145°	494.0	498.3	515.5	532.6	515.5	498.3	494.0	464.6	425.5	406.0	392.4
147.5°	475.2	478.8	493.0	507.2	493.0	478.8	475.2	452.1	421.3	406.0	395.1
150°	464.4	467.3	478.9	490.4	478.9	467.3	464.4	445.0	419.0	406.0	396.5
152.5°	455.9	458.0	466.8	475.5	466.8	458.0	455.9	439.3	417.0	406.0	397.4
155°	445.7	447.1	452.9	458.6	452.9	447.1	445.7	432.5	414.8	406.0	399.4
157.5°	436.8	437.8	441.9	446.0	441.9	437.8	436.8	426.6	412.8	406.0	401.5
160°	432.5	433.0	435.3	437.7	435.3	433.0	432.5	423.6	411.9	406.0	402.4
162.5°	428.3	428.8	431.0	433.3	431.0	428.8	428.3	420.9	411.0	406.0	403.4
165°	421.9	422.6	424.9	427.2	424.9	422.6	421.9	416.6	409.5	406.0	404.8
167.5°	419.2	419.4	420.4	421.4	420.4	419.4	419.2	415.7	411.1	408.7	407.7
170°	419.2	419.2	419.2	419.2	419.2	419.2	419.2	415.7	411.1	408.7	408.6
172.5°	416.9	416.8	415.9	415.1	415.9	416.8	416.9	414.2	410.5	408.7	408.7
175°	413.9	413.9	413.9	413.9	413.9	413.9	413.9	412.2	409.9	408.7	409.3
177.5°	413.4	413.1	412.2	411.2	412.2	413.1	413.4	412.0	410.2	409.3	409.7
180°	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2	411.2



TEST NUMBER: P934539
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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°	12.1	7.8	7.2	5.0	2.8
92.5°	74.9	53.3	48.6	29.8	11.1
95°	184.2	103.7	95.2	60.8	26.5
97.5°	248.2	114.0	106.4	76.1	45.8
100°	271.4	122.6	115.7	88.2	60.7
102.5°	282.2	131.1	124.7	99.1	73.4
105°	290.0	143.8	138.4	116.7	95.0
107.5°	291.5	162.5	157.5	137.3	117.0
110°	289.3	173.0	168.4	150.1	131.9



TEST NUMBER: P934539

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	289.4	185.8	181.4	164.0	146.6
115°	292.1	204.8	200.8	184.7	168.6
117.5°	297.5	223.2	219.6	205.0	190.4
120°	301.9	234.0	230.6	216.8	203.1
122.5°	308.2	246.7	243.2	229.4	215.6
125°	316.8	263.0	259.8	247.2	234.6
127.5°	325.4	278.8	275.6	262.8	250.0
130°	331.6	289.2	285.8	272.1	258.3
132.5°	336.7	297.8	294.4	280.6	266.9
135°	342.2	307.7	304.6	292.1	279.6
137.5°	350.4	320.4	317.2	304.9	292.5
140°	355.5	328.9	326.1	314.7	303.3
142.5°	359.7	335.3	332.6	322.1	311.5
145°	365.3	345.0	342.7	333.5	324.3
147.5°	373.4	357.1	354.9	345.9	337.0
150°	377.7	363.5	361.4	353.4	345.3
152.5°	380.3	367.6	366.1	359.9	353.7
155°	386.4	376.7	375.5	371.1	366.5
157.5°	392.5	385.8	384.7	380.3	375.9
160°	395.3	389.9	389.0	385.6	382.2
162.5°	398.2	394.4	393.7	391.1	388.6
165°	402.5	400.7	400.1	397.8	395.4
167.5°	405.8	404.3	404.0	402.8	401.8
170°	408.6	408.5	408.2	407.0	406.0
172.5°	408.7	408.7	408.6	408.5	408.2
175°	410.4	411.2	411.2	411.2	411.2
177.5°	410.6	411.2	411.2	411.2	411.2
180°	411.2	411.2	411.2	411.2	411.2



TEST NUMBER: P934539
 CATALOG NUMBER: SQ4-FA-050U-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	15.83	16.91	16.60	17.70	18.65	18.66	19.73	19.42	20.52	21.47
	3H	16.33	17.29	17.11	18.09	19.07	20.02	20.98	20.80	21.78	22.76
	4H	16.53	17.44	17.32	18.24	19.24	20.47	21.38	21.27	22.19	23.18
	6H	16.66	17.50	17.47	18.31	19.32	20.77	21.61	21.57	22.42	23.43
	8H	16.67	17.47	17.48	18.30	19.31	20.85	21.65	21.66	22.48	23.49
	12H	16.64	17.41	17.47	18.23	19.27	20.89	21.65	21.72	22.48	23.52
4H	2H	16.89	17.80	17.69	18.61	19.60	19.09	20.00	19.89	20.81	21.81
	3H	17.94	18.70	18.75	19.54	20.55	20.62	21.38	21.43	22.22	23.23
	4H	18.22	18.91	19.05	19.75	20.79	21.15	21.84	21.98	22.68	23.72
	6H	18.36	18.96	19.20	19.82	20.86	21.53	22.13	22.37	22.99	24.03
	8H	18.37	18.93	19.22	19.79	20.84	21.64	22.20	22.49	23.06	24.11
	12H	18.35	18.85	19.22	19.73	20.79	21.71	22.21	22.57	23.09	24.15
8H	4H	18.69	19.25	19.54	20.11	21.17	21.30	21.85	22.14	22.71	23.77
	6H	18.96	19.43	19.84	20.32	21.38	21.74	22.20	22.61	23.10	24.16
	8H	19.01	19.42	19.89	20.31	21.39	21.89	22.30	22.78	23.20	24.27
	12H	19.00	19.36	19.89	20.25	21.38	22.00	22.36	22.89	23.25	24.38
12H	4H	18.71	19.21	19.58	20.09	21.15	21.27	21.77	22.14	22.65	23.71
	6H	19.03	19.44	19.91	20.33	21.41	21.74	22.15	22.62	23.04	24.12
	8H	19.10	19.46	19.99	20.35	21.48	21.91	22.27	22.80	23.16	24.28