

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: P934540

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

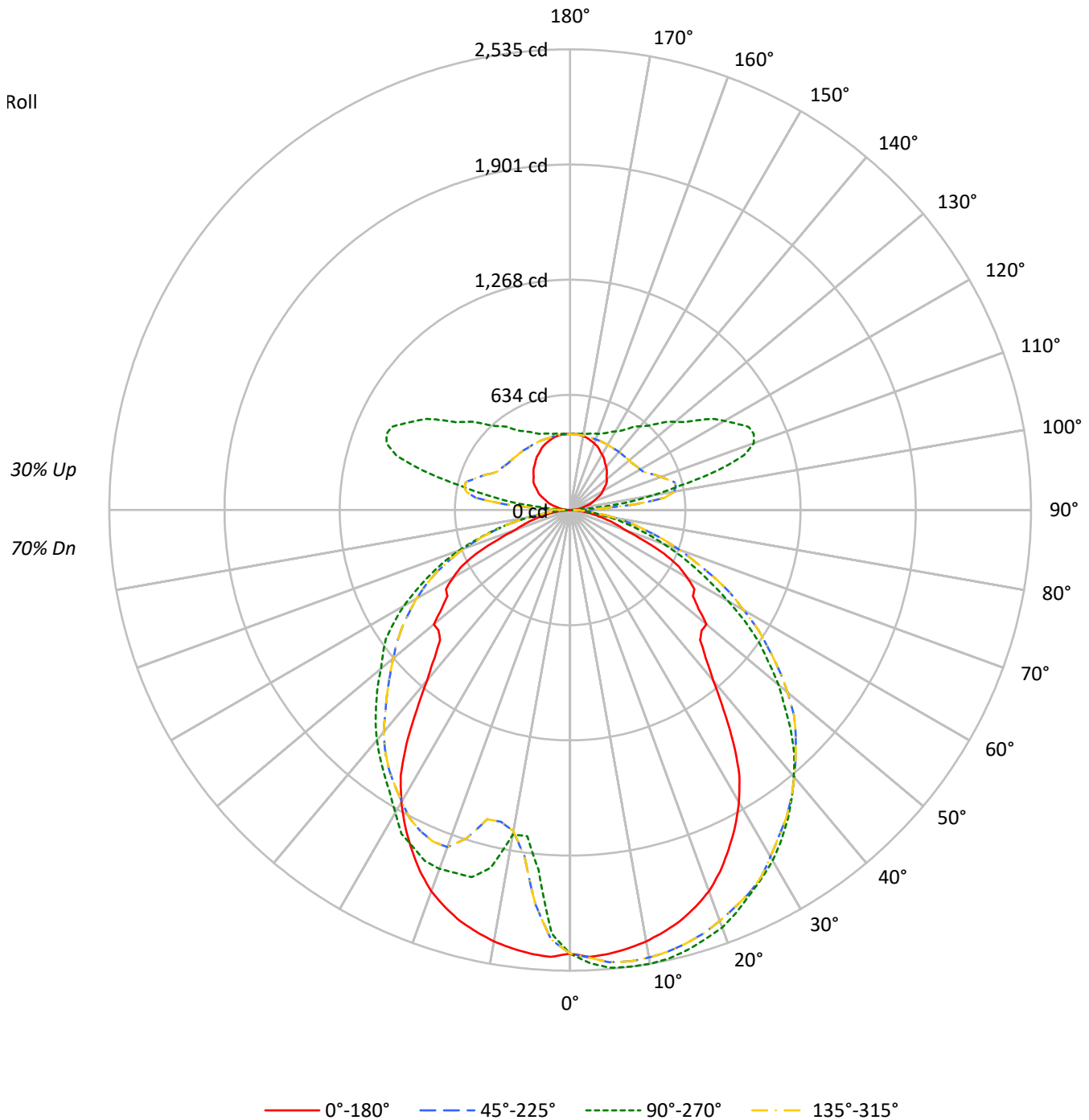
Test Method: LM-79-2019  
Report Number: P934540  
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9045.4 lumens  
Efficiency: N/A  
Efficacy: 107.7 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 (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

### 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	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°	15097	15097	15097	15097
5°	15204	15239	15204	11982
10°	15097	15012	15097	10732
15°	14927	14686	14927	12263
20°	14609	14301	14609	12289
25°	13964	13739	13964	12028
30°	13133	13273	13133	11457
35°	11703	12682	11703	10829
40°	9745	11988	9745	10354
45°	8702	11175	8702	9807
50°	9238	10205	9238	9259
55°	8683	9160	8683	8943
60°	8940	7779	8940	8191
65°	8092	6431	8092	7188
70°	5590	5125	5590	6026
75°	4883	3789	4883	4537
80°	3909	2505	3909	2726
85°	2200	1326	2200	1128

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13345 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	220.3	2.4
10°-20°	625.5	6.9
20°-30°	966.8	10.7
30°-40°	1154.2	12.8
40°-50°	1161.0	12.8
50°-60°	1010.2	11.2
60°-70°	716.2	7.9
70°-80°	378.9	4.2
80°-90°	96.0	1.1
90°-100°	204.3	2.3
100°-110°	537.0	5.9
110°-120°	556.8	6.2
120°-130°	446.6	4.9
130°-140°	350.4	3.9
140°-150°	269.0	3.0
150°-160°	193.7	2.1
160°-170°	118.5	1.3
170°-180°	40.0	0.4
0°-30°	1812.6	20.0
0°-40°	2966.8	32.8
0°-60°	5137.9	56.8
0°-90°	6329.0	70.0
90°-120°	1298.1	14.4
90°-150°	2364.1	26.1
90°-180°	2716.0	30.0
0°-180°	9045.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2440	2440	2440	2440	2440	
5°	2452	2528	2452	1988	2452	233
15°	2341	2505	2341	2092	2341	659
25°	2062	2336	2062	2046	2062	947
35°	1568	2085	1568	1780	1568	970
45°	1011	1718	1011	1508	1011	810
55°	824	1268	824	1238	824	757
65°	573	764	573	854	573	547
75°	217	362	217	434	217	228
85°	37	92	37	78	37	50
90°	3	11	3	11	3	4
95°	27	123	27	123	27	30
105°	97	841	97	841	97	103
115°	172	1083	172	1083	172	170
125°	239	862	239	862	239	212
135°	285	669	285	669	285	220
145°	330	543	330	543	330	207
155°	374	467	374	467	374	172
165°	403	435	403	435	403	114
175°	419	422	419	422	419	40
180°	419	419	419	419	419	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2461.1	2461.1	2475.0	2479.6	2479.6	2472.7	2465.8	2472.7	2493.5	2500.4	2498.0
5°	2451.9	2470.4	2495.8	2500.4	2505.0	2502.7	2498.0	2502.7	2525.8	2530.4	2532.7
7.5°	2433.5	2468.0	2500.4	2507.3	2514.2	2507.3	2505.0	2509.6	2532.7	2537.3	2537.3
10°	2410.4	2458.8	2495.8	2500.4	2507.3	2500.4	2500.4	2509.6	2532.7	2537.3	2539.6
12.5°	2378.1	2445.0	2479.6	2484.2	2493.5	2491.1	2488.9	2498.0	2521.1	2525.8	2525.8
15°	2341.1	2419.5	2451.9	2456.6	2472.7	2468.0	2468.0	2477.3	2502.7	2509.6	2507.3
17.5°	2290.3	2387.3	2424.2	2431.1	2442.6	2440.4	2442.6	2451.9	2475.0	2479.6	2481.9
20°	2232.6	2343.4	2387.3	2394.2	2405.7	2405.7	2405.7	2417.3	2440.4	2449.6	2449.6
22.5°	2154.1	2297.2	2343.4	2348.0	2361.9	2361.9	2366.5	2382.6	2403.4	2405.7	2405.7
25°	2061.7	2246.4	2285.6	2299.6	2313.4	2320.3	2327.2	2336.5	2343.4	2341.1	2343.4
27.5°	1964.7	2181.8	2232.6	2241.8	2260.3	2267.2	2276.5	2278.7	2281.1	2288.0	2283.4
30°	1856.2	2091.7	2167.9	2177.1	2207.1	2211.8	2202.6	2207.1	2218.7	2223.3	2228.0
32.5°	1733.9	1957.8	2101.0	2121.7	2149.5	2135.6	2133.3	2140.2	2158.7	2158.7	2163.3
35°	1567.7	1853.9	2038.7	2057.1	2077.9	2061.7	2071.0	2073.2	2084.8	2091.7	2089.4
37.5°	1385.3	1763.9	1974.0	1987.8	2004.0	1983.2	1997.1	2004.0	2013.2	2008.7	2008.7
40°	1223.6	1623.1	1897.8	1907.1	1920.9	1904.7	1918.6	1923.2	1927.8	1923.2	1920.9
42.5°	1103.6	1468.3	1817.0	1828.6	1819.3	1830.8	1835.5	1844.7	1837.7	1828.6	1828.6
45°	1011.2	1426.9	1729.2	1743.1	1729.2	1747.8	1754.7	1754.7	1733.9	1729.2	1726.9
47.5°	981.2	1343.7	1641.5	1641.5	1634.6	1657.7	1669.3	1653.1	1632.3	1625.3	1625.3
50°	979.0	1251.4	1521.5	1512.3	1544.6	1572.3	1560.8	1544.6	1528.4	1503.0	1503.0
52.5°	888.9	1138.2	1366.8	1401.4	1452.2	1468.3	1449.9	1433.8	1406.0	1394.5	1385.3
55°	824.2	1020.4	1225.9	1295.2	1348.4	1369.1	1334.4	1318.3	1276.8	1269.9	1265.2
57.5°	810.4	849.6	1096.7	1184.4	1249.0	1246.7	1225.9	1195.9	1161.3	1154.4	1152.1
60°	743.4	614.1	958.1	1062.0	1129.0	1122.0	1103.6	1075.9	1043.5	1039.0	1034.3
62.5°	674.1	445.6	801.1	918.9	1013.5	1011.2	995.1	953.5	930.5	918.9	909.6
65°	572.6	374.0	570.3	764.2	900.4	905.0	870.4	840.4	815.0	801.1	798.8
67.5°	436.4	304.7	385.6	637.2	791.9	787.3	743.4	729.5	697.2	690.3	676.5
70°	323.2	203.2	267.8	517.1	685.7	674.1	639.6	623.4	593.4	577.2	568.0
72.5°	267.8	163.9	196.2	401.7	577.2	563.3	533.3	514.9	489.5	475.6	466.4
75°	217.0	173.2	150.1	297.8	468.6	459.5	431.7	413.2	392.5	374.0	376.3
77.5°	159.3	161.6	120.1	219.3	371.7	357.9	341.7	318.6	309.4	290.9	290.9
80°	120.1	127.0	90.1	150.1	267.8	267.8	254.0	237.8	221.7	212.4	212.4
82.5°	80.8	80.8	66.9	94.7	182.4	175.5	166.2	161.6	152.4	147.7	147.7
85°	36.9	46.2	41.6	57.8	99.2	103.9	103.9	99.2	97.0	92.3	94.7
87.5°	11.6	20.7	25.4	32.3	50.8	53.1	55.4	55.4	55.4	57.8	57.8
90°	2.8	5.1	7.4	7.9	12.4	18.4	21.4	19.0	14.2	10.6	10.6
92.5°	11.3	30.4	49.5	54.3	76.3	105.7	120.3	105.4	75.7	53.4	51.3
95°	27.0	61.9	97.0	105.7	187.7	297.2	351.8	314.0	238.2	181.4	174.9
97.5°	46.7	77.6	108.4	116.2	253.0	435.4	526.5	502.6	454.6	418.7	406.4
100°	61.9	89.9	117.9	124.9	276.6	479.0	580.2	581.9	585.4	588.1	573.5
102.5°	74.8	101.0	127.1	133.6	287.5	492.8	595.4	625.8	686.9	732.6	720.2
105°	96.8	118.9	141.0	146.5	295.5	494.3	593.6	662.0	798.8	901.4	894.6
107.5°	119.3	139.9	160.5	165.6	297.1	472.3	559.9	655.2	846.0	989.0	990.7
110°	134.4	153.0	171.6	176.3	294.8	452.8	531.8	638.4	851.7	1011.6	1018.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	149.4	167.1	184.8	189.3	294.9	435.8	506.2	615.4	833.6	997.2	1008.0
115°	171.8	188.2	204.6	208.7	297.6	416.2	475.6	580.7	790.9	948.6	963.5
117.5°	194.0	208.9	223.8	227.5	303.2	404.1	454.5	549.3	739.1	881.3	897.9
120°	206.9	221.0	235.0	238.5	307.6	399.9	446.0	532.7	706.1	836.0	852.1
122.5°	219.7	233.8	247.9	251.4	314.1	397.7	439.5	517.6	673.8	790.8	806.7
125°	239.1	251.9	264.8	268.0	322.8	396.0	432.5	498.8	631.5	730.9	745.4
127.5°	254.8	267.8	280.8	284.1	331.6	395.0	426.6	483.6	597.4	682.8	695.1
130°	263.2	277.3	291.3	294.7	337.9	395.5	424.3	475.0	576.4	652.5	663.9
132.5°	272.0	286.0	300.0	303.5	343.1	396.0	422.4	467.8	558.5	626.6	636.7
135°	284.9	297.6	310.4	313.6	348.8	395.6	419.1	457.1	533.0	590.0	598.8
137.5°	298.1	310.7	323.3	326.5	357.1	398.0	418.4	450.5	514.8	563.0	570.2
140°	309.1	320.7	332.3	335.2	362.3	398.4	416.5	444.3	499.8	541.3	548.1
142.5°	317.5	328.2	338.9	341.7	366.6	399.9	416.5	440.9	489.6	526.1	532.0
145°	330.5	339.8	349.2	351.6	372.3	399.9	413.7	433.6	473.5	503.4	507.8
147.5°	343.4	352.5	361.7	363.9	380.5	402.6	413.7	429.3	460.7	484.3	487.9
150°	351.8	360.1	368.3	370.4	384.9	404.1	413.7	427.0	453.5	473.3	476.2
152.5°	360.5	366.8	373.0	374.6	387.6	405.0	413.7	425.0	447.6	464.6	466.7
155°	373.5	378.1	382.7	383.9	393.8	407.1	413.7	422.7	440.7	454.2	455.6
157.5°	383.0	387.5	392.1	393.1	400.0	409.2	413.7	420.7	434.7	445.2	446.2
160°	389.5	393.0	396.4	397.3	402.8	410.1	413.7	419.7	431.7	440.7	441.3
162.5°	396.0	398.6	401.2	401.9	405.8	411.1	413.7	418.8	428.9	436.4	437.0
165°	403.0	405.3	407.7	408.3	410.2	412.5	413.7	417.3	424.5	430.0	430.6
167.5°	409.4	410.5	411.7	412.0	413.5	415.5	416.5	418.9	423.6	427.2	427.4
170°	413.7	414.8	416.0	416.2	416.3	416.4	416.5	418.9	423.6	427.2	427.2
172.5°	416.0	416.2	416.4	416.5	416.5	416.5	416.5	418.3	422.1	424.9	424.7
175°	419.1	419.1	419.1	419.1	418.3	417.1	416.5	417.7	420.1	421.8	421.8
177.5°	419.1	419.1	419.1	419.1	418.4	417.5	417.1	418.0	419.9	421.3	421.0
180°	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2502.7	2495.8	2502.7	2498.0	2500.4	2493.5	2472.7	2465.8	2472.7	2479.6	2479.6
5°	2532.7	2528.1	2532.7	2532.7	2530.4	2525.8	2502.7	2498.0	2502.7	2505.0	2500.4
7.5°	2542.0	2535.1	2542.0	2537.3	2537.3	2532.7	2509.6	2505.0	2507.3	2514.2	2507.3
10°	2542.0	2535.1	2542.0	2539.6	2537.3	2532.7	2509.6	2500.4	2500.4	2507.3	2500.4
12.5°	2530.4	2525.8	2530.4	2525.8	2525.8	2521.1	2498.0	2488.9	2491.1	2493.5	2484.2
15°	2512.0	2505.0	2512.0	2507.3	2509.6	2502.7	2477.3	2468.0	2468.0	2472.7	2456.6
17.5°	2484.2	2475.0	2484.2	2481.9	2479.6	2475.0	2451.9	2442.6	2440.4	2442.6	2431.1
20°	2451.9	2445.0	2451.9	2449.6	2449.6	2440.4	2417.3	2405.7	2405.7	2405.7	2394.2
22.5°	2401.1	2394.2	2401.1	2405.7	2405.7	2403.4	2382.6	2366.5	2361.9	2361.9	2348.0
25°	2343.4	2336.5	2343.4	2343.4	2341.1	2343.4	2336.5	2327.2	2320.3	2313.4	2299.6
27.5°	2288.0	2283.4	2288.0	2283.4	2288.0	2281.1	2278.7	2276.5	2267.2	2260.3	2241.8
30°	2232.6	2228.0	2232.6	2228.0	2223.3	2218.7	2207.1	2202.6	2211.8	2207.1	2177.1
32.5°	2163.3	2158.7	2163.3	2163.3	2158.7	2158.7	2140.2	2133.3	2135.6	2149.5	2121.7
35°	2091.7	2084.8	2091.7	2089.4	2091.7	2084.8	2073.2	2071.0	2061.7	2077.9	2057.1
37.5°	2008.7	2001.7	2008.7	2008.7	2008.7	2013.2	2004.0	1997.1	1983.2	2004.0	1987.8
40°	1923.2	1914.0	1923.2	1920.9	1923.2	1927.8	1923.2	1918.6	1904.7	1920.9	1907.1
42.5°	1826.3	1823.9	1826.3	1828.6	1828.6	1837.7	1844.7	1835.5	1830.8	1819.3	1828.6
45°	1722.3	1717.8	1722.3	1726.9	1729.2	1733.9	1754.7	1754.7	1747.8	1729.2	1743.1
47.5°	1611.5	1600.0	1611.5	1625.3	1625.3	1632.3	1653.1	1669.3	1657.7	1634.6	1641.5
50°	1493.8	1496.1	1493.8	1503.0	1503.0	1528.4	1544.6	1560.8	1572.3	1544.6	1512.3
52.5°	1378.4	1376.0	1378.4	1385.3	1394.5	1406.0	1433.8	1449.9	1468.3	1452.2	1401.4
55°	1262.8	1267.5	1262.8	1265.2	1269.9	1276.8	1318.3	1334.4	1369.1	1348.4	1295.2
57.5°	1147.4	1140.5	1147.4	1152.1	1154.4	1161.3	1195.9	1225.9	1246.7	1249.0	1184.4
60°	1013.5	1004.3	1013.5	1034.3	1039.0	1043.5	1075.9	1103.6	1122.0	1129.0	1062.0
62.5°	895.8	879.6	895.8	909.6	918.9	930.5	953.5	995.1	1011.2	1013.5	918.9
65°	771.1	764.2	771.1	798.8	801.1	815.0	840.4	870.4	905.0	900.4	764.2
67.5°	658.0	658.0	658.0	676.5	690.3	697.2	729.5	743.4	787.3	791.9	637.2
70°	554.1	551.8	554.1	568.0	577.2	593.4	623.4	639.6	674.1	685.7	517.1
72.5°	454.8	452.5	454.8	466.4	475.6	489.5	514.9	533.3	563.3	577.2	401.7
75°	367.1	362.5	367.1	376.3	374.0	392.5	413.2	431.7	459.5	468.6	297.8
77.5°	281.7	281.7	281.7	290.9	290.9	309.4	318.6	341.7	357.9	371.7	219.3
80°	210.1	207.8	210.1	212.4	212.4	221.7	237.8	254.0	267.8	267.8	150.1
82.5°	147.7	143.2	147.7	147.7	147.7	152.4	161.6	166.2	175.5	182.4	94.7
85°	92.3	92.3	92.3	94.7	92.3	97.0	99.2	103.9	103.9	99.2	57.8
87.5°	60.0	57.8	60.0	57.8	57.8	55.4	55.4	55.4	53.1	50.8	32.3
90°	10.6	10.6	10.6	10.6	10.6	14.2	19.0	21.4	18.4	12.4	7.9
92.5°	42.8	34.3	42.8	51.3	53.4	75.7	105.4	120.3	105.7	76.3	54.3
95°	149.2	123.4	149.2	174.9	181.4	238.2	314.0	351.8	297.2	187.7	105.7
97.5°	357.5	308.5	357.5	406.4	418.7	454.6	502.6	526.5	435.4	253.0	116.2
100°	515.1	456.7	515.1	573.5	588.1	585.4	581.9	580.2	479.0	276.6	124.9
102.5°	670.1	620.1	670.1	720.2	732.6	686.9	625.8	595.4	492.8	287.5	133.6
105°	867.8	840.9	867.8	894.6	901.4	798.8	662.0	593.6	494.3	295.5	146.5
107.5°	997.1	1003.7	997.1	990.7	989.0	846.0	655.2	559.9	472.3	297.1	165.6
110°	1046.5	1074.6	1046.5	1018.6	1011.6	851.7	638.4	531.8	452.8	294.8	176.3





TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1051.0	1093.9	1051.0	1008.0	997.2	833.6	615.4	506.2	435.8	294.9	189.3
115°	1023.1	1082.7	1023.1	963.5	948.6	790.9	580.7	475.6	416.2	297.6	208.7
117.5°	964.0	1030.2	964.0	897.9	881.3	739.1	549.3	454.5	404.1	303.2	227.5
120°	916.4	980.7	916.4	852.1	836.0	706.1	532.7	446.0	399.9	307.6	238.5
122.5°	870.1	933.4	870.1	806.7	790.8	673.8	517.6	439.5	397.7	314.1	251.4
125°	803.8	862.2	803.8	745.4	730.9	631.5	498.8	432.5	396.0	322.8	268.0
127.5°	744.4	793.7	744.4	695.1	682.8	597.4	483.6	426.6	395.0	331.6	284.1
130°	709.3	754.8	709.3	663.9	652.5	576.4	475.0	424.3	395.5	337.9	294.7
132.5°	677.5	718.2	677.5	636.7	626.6	558.5	467.8	422.4	396.0	343.1	303.5
135°	633.9	669.0	633.9	598.8	590.0	533.0	457.1	419.1	395.6	348.8	313.6
137.5°	599.0	627.7	599.0	570.2	563.0	514.8	450.5	418.4	398.0	357.1	326.5
140°	574.9	601.8	574.9	548.1	541.3	499.8	444.3	416.5	398.4	362.3	335.2
142.5°	555.1	578.2	555.1	532.0	526.1	489.6	440.9	416.5	399.9	366.6	341.7
145°	525.3	542.8	525.3	507.8	503.4	473.5	433.6	413.7	399.9	372.3	351.6
147.5°	502.4	516.9	502.4	487.9	484.3	460.7	429.3	413.7	402.6	380.5	363.9
150°	488.0	499.8	488.0	476.2	473.3	453.5	427.0	413.7	404.1	384.9	370.4
152.5°	475.6	484.6	475.6	466.7	464.6	447.6	425.0	413.7	405.0	387.6	374.6
155°	461.5	467.4	461.5	455.6	454.2	440.7	422.7	413.7	407.1	393.8	383.9
157.5°	450.4	454.5	450.4	446.2	445.2	434.7	420.7	413.7	409.2	400.0	393.1
160°	443.6	446.0	443.6	441.3	440.7	431.7	419.7	413.7	410.1	402.8	397.3
162.5°	439.3	441.5	439.3	437.0	436.4	428.9	418.8	413.7	411.1	405.8	401.9
165°	433.0	435.4	433.0	430.6	430.0	424.5	417.3	413.7	412.5	410.2	408.3
167.5°	428.4	429.4	428.4	427.4	427.2	423.6	418.9	416.5	415.5	413.5	412.0
170°	427.2	427.2	427.2	427.2	427.2	423.6	418.9	416.5	416.4	416.3	416.2
172.5°	423.8	423.0	423.8	424.7	424.9	422.1	418.3	416.5	416.5	416.5	416.5
175°	421.8	421.8	421.8	421.8	421.8	420.1	417.7	416.5	417.1	418.3	419.1
177.5°	420.1	419.1	420.1	421.0	421.3	419.9	418.0	417.1	417.5	418.4	419.1
180°	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2475.0	2461.1	2461.1	2438.1	2428.8	2421.9	2410.4	2375.7	2366.5	2357.2	2371.1
5°	2495.8	2470.4	2451.9	2410.4	2375.7	2361.9	2318.0	2234.9	2179.5	2137.9	2114.8
7.5°	2500.4	2468.0	2433.5	2368.8	2285.6	2248.7	2114.8	1962.5	1920.9	1883.9	1860.8
10°	2495.8	2458.8	2410.4	2313.4	2117.2	2052.5	1918.6	1819.3	1793.9	1787.0	1793.9
12.5°	2479.6	2445.0	2378.1	2216.4	1941.7	1897.8	1819.3	1761.6	1757.0	1768.5	1830.8
15°	2451.9	2419.5	2341.1	2087.2	1844.7	1812.4	1757.0	1736.2	1761.6	1842.4	2029.4
17.5°	2424.2	2387.3	2290.3	1960.2	1770.8	1747.8	1708.5	1750.1	1893.2	2001.7	2064.1
20°	2387.3	2343.4	2232.6	1867.8	1717.8	1696.9	1678.5	1865.5	1974.0	2013.2	2047.9
22.5°	2343.4	2297.2	2154.1	1803.2	1662.3	1646.2	1657.7	1930.2	1974.0	2001.7	2031.7
25°	2285.6	2246.4	2061.7	1752.3	1618.4	1600.0	1643.8	1923.2	1948.6	1955.5	2015.6
27.5°	2232.6	2181.8	1964.7	1706.2	1565.3	1558.4	1655.4	1893.2	1911.7	1918.6	1983.2
30°	2167.9	2091.7	1856.2	1657.7	1509.9	1507.6	1657.7	1856.2	1851.7	1870.1	1934.7
32.5°	2101.0	1957.8	1733.9	1597.7	1456.9	1454.5	1641.5	1800.8	1796.3	1821.6	1870.1
35°	2038.7	1853.9	1567.7	1528.4	1389.8	1392.2	1602.3	1736.2	1738.5	1761.6	1791.6
37.5°	1974.0	1763.9	1385.3	1452.2	1325.3	1325.3	1549.2	1676.2	1671.5	1678.5	1720.0
40°	1897.8	1623.1	1223.6	1352.9	1265.2	1258.3	1484.5	1611.5	1595.3	1593.0	1650.8
42.5°	1817.0	1468.3	1103.6	1221.4	1195.9	1186.7	1406.0	1533.0	1503.0	1509.9	1583.8
45°	1729.2	1426.9	1011.2	1032.0	1124.4	1117.4	1320.6	1443.0	1422.2	1440.7	1516.8
47.5°	1641.5	1343.7	981.2	856.5	1048.2	1045.9	1225.9	1355.3	1343.7	1362.2	1443.0
50°	1521.5	1251.4	979.0	734.2	962.8	971.9	1112.8	1269.9	1269.9	1286.0	1371.4
52.5°	1366.8	1138.2	888.9	664.9	863.5	891.2	1013.5	1195.9	1200.5	1216.7	1292.9
55°	1225.9	1020.4	824.2	611.8	745.7	805.8	916.6	1119.8	1129.0	1145.1	1214.4
57.5°	1096.7	849.6	810.4	549.5	637.2	695.0	831.1	1045.9	1050.4	1064.4	1131.3
60°	958.1	614.1	743.4	482.6	542.6	586.4	752.6	958.1	974.3	983.5	1041.3
62.5°	801.1	445.6	674.1	436.4	496.4	505.6	688.0	875.0	895.8	902.7	937.4
65°	570.3	374.0	572.6	397.1	447.9	450.2	618.7	789.6	808.0	819.6	845.1
67.5°	385.6	304.7	436.4	360.1	411.0	413.2	551.8	690.3	715.7	725.0	741.1
70°	267.8	203.2	323.2	320.9	369.4	374.0	480.2	600.3	623.4	630.3	639.6
72.5°	196.2	163.9	267.8	288.6	325.6	330.2	406.3	498.7	521.8	528.7	533.3
75°	150.1	173.2	217.0	251.7	277.1	279.3	332.5	406.3	422.5	427.2	429.4
77.5°	120.1	161.6	159.3	203.2	226.2	221.7	260.9	314.0	327.8	327.8	327.8
80°	90.1	127.0	120.1	145.5	166.2	161.6	187.0	224.0	228.6	233.1	230.9
82.5°	66.9	80.8	80.8	92.3	110.8	106.2	124.7	145.5	145.5	145.5	150.1
85°	41.6	46.2	36.9	48.5	62.3	60.0	69.2	78.5	80.8	80.8	76.2
87.5°	25.4	20.7	11.6	18.5	27.7	27.7	32.3	34.7	32.3	32.3	32.3
90°	7.4	5.1	2.8	5.1	7.4	7.9	12.4	18.4	21.4	19.0	14.2
92.5°	49.5	30.4	11.3	30.4	49.5	54.3	76.3	105.7	120.3	105.4	75.7
95°	97.0	61.9	27.0	61.9	97.0	105.7	187.7	297.2	351.8	314.0	238.2
97.5°	108.4	77.6	46.7	77.6	108.4	116.2	253.0	435.4	526.5	502.6	454.6
100°	117.9	89.9	61.9	89.9	117.9	124.9	276.6	479.0	580.2	581.9	585.4
102.5°	127.1	101.0	74.8	101.0	127.1	133.6	287.5	492.8	595.4	625.8	686.9
105°	141.0	118.9	96.8	118.9	141.0	146.5	295.5	494.3	593.6	662.0	798.8
107.5°	160.5	139.9	119.3	139.9	160.5	165.6	297.1	472.3	559.9	655.2	846.0
110°	171.6	153.0	134.4	153.0	171.6	176.3	294.8	452.8	531.8	638.4	851.7



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	184.8	167.1	149.4	167.1	184.8	189.3	294.9	435.8	506.2	615.4	833.6
115°	204.6	188.2	171.8	188.2	204.6	208.7	297.6	416.2	475.6	580.7	790.9
117.5°	223.8	208.9	194.0	208.9	223.8	227.5	303.2	404.1	454.5	549.3	739.1
120°	235.0	221.0	206.9	221.0	235.0	238.5	307.6	399.9	446.0	532.7	706.1
122.5°	247.9	233.8	219.7	233.8	247.9	251.4	314.1	397.7	439.5	517.6	673.8
125°	264.8	251.9	239.1	251.9	264.8	268.0	322.8	396.0	432.5	498.8	631.5
127.5°	280.8	267.8	254.8	267.8	280.8	284.1	331.6	395.0	426.6	483.6	597.4
130°	291.3	277.3	263.2	277.3	291.3	294.7	337.9	395.5	424.3	475.0	576.4
132.5°	300.0	286.0	272.0	286.0	300.0	303.5	343.1	396.0	422.4	467.8	558.5
135°	310.4	297.6	284.9	297.6	310.4	313.6	348.8	395.6	419.1	457.1	533.0
137.5°	323.3	310.7	298.1	310.7	323.3	326.5	357.1	398.0	418.4	450.5	514.8
140°	332.3	320.7	309.1	320.7	332.3	335.2	362.3	398.4	416.5	444.3	499.8
142.5°	338.9	328.2	317.5	328.2	338.9	341.7	366.6	399.9	416.5	440.9	489.6
145°	349.2	339.8	330.5	339.8	349.2	351.6	372.3	399.9	413.7	433.6	473.5
147.5°	361.7	352.5	343.4	352.5	361.7	363.9	380.5	402.6	413.7	429.3	460.7
150°	368.3	360.1	351.8	360.1	368.3	370.4	384.9	404.1	413.7	427.0	453.5
152.5°	373.0	366.8	360.5	366.8	373.0	374.6	387.6	405.0	413.7	425.0	447.6
155°	382.7	378.1	373.5	378.1	382.7	383.9	393.8	407.1	413.7	422.7	440.7
157.5°	392.1	387.5	383.0	387.5	392.1	393.1	400.0	409.2	413.7	420.7	434.7
160°	396.4	393.0	389.5	393.0	396.4	397.3	402.8	410.1	413.7	419.7	431.7
162.5°	401.2	398.6	396.0	398.6	401.2	401.9	405.8	411.1	413.7	418.8	428.9
165°	407.7	405.3	403.0	405.3	407.7	408.3	410.2	412.5	413.7	417.3	424.5
167.5°	411.7	410.5	409.4	410.5	411.7	412.0	413.5	415.5	416.5	418.9	423.6
170°	416.0	414.8	413.7	414.8	416.0	416.2	416.3	416.4	416.5	418.9	423.6
172.5°	416.4	416.2	416.0	416.2	416.4	416.5	416.5	416.5	416.5	418.3	422.1
175°	419.1	419.1	419.1	419.1	419.1	419.1	418.3	417.1	416.5	417.7	420.1
177.5°	419.1	419.1	419.1	419.1	419.1	419.1	418.4	417.5	417.1	418.0	419.9
180°	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2355.0	2348.0	2357.2	2331.9	2357.2	2348.0	2355.0	2371.1	2357.2	2366.5	2375.7
5°	2066.3	2054.8	2017.8	1987.8	2017.8	2054.8	2066.3	2114.8	2137.9	2179.5	2234.9
7.5°	1847.0	1837.7	1828.6	1810.1	1828.6	1837.7	1847.0	1860.8	1883.9	1920.9	1962.5
10°	1798.5	1800.8	1814.7	1812.4	1814.7	1800.8	1798.5	1793.9	1787.0	1793.9	1819.3
12.5°	1923.2	1944.0	2020.2	2015.6	2020.2	1944.0	1923.2	1830.8	1768.5	1757.0	1761.6
15°	2066.3	2073.2	2089.4	2091.7	2089.4	2073.2	2066.3	2029.4	1842.4	1761.6	1736.2
17.5°	2080.2	2082.5	2094.1	2094.1	2094.1	2082.5	2080.2	2064.1	2001.7	1893.2	1750.1
20°	2068.7	2073.2	2096.3	2101.0	2096.3	2073.2	2068.7	2047.9	2013.2	1974.0	1865.5
22.5°	2064.1	2073.2	2091.7	2089.4	2091.7	2073.2	2064.1	2031.7	2001.7	1974.0	1930.2
25°	2041.0	2041.0	2043.2	2045.6	2043.2	2041.0	2041.0	2015.6	1955.5	1948.6	1923.2
27.5°	1992.5	1997.1	2010.9	2008.7	2010.9	1997.1	1992.5	1983.2	1918.6	1911.7	1893.2
30°	1948.6	1944.0	1932.4	1923.2	1932.4	1944.0	1948.6	1934.7	1870.1	1851.7	1856.2
32.5°	1874.8	1863.2	1851.7	1844.7	1851.7	1863.2	1874.8	1870.1	1821.6	1796.3	1800.8
35°	1787.0	1789.3	1787.0	1780.1	1787.0	1789.3	1787.0	1791.6	1761.6	1738.5	1736.2
37.5°	1724.7	1729.2	1726.9	1717.8	1726.9	1729.2	1724.7	1720.0	1678.5	1671.5	1676.2
40°	1660.0	1662.3	1660.0	1653.1	1660.0	1662.3	1660.0	1650.8	1593.0	1595.3	1611.5
42.5°	1597.7	1595.3	1588.4	1583.8	1588.4	1595.3	1597.7	1583.8	1509.9	1503.0	1533.0
45°	1526.1	1528.4	1514.5	1507.6	1514.5	1528.4	1526.1	1516.8	1440.7	1422.2	1443.0
47.5°	1454.5	1454.5	1443.0	1436.0	1443.0	1454.5	1454.5	1443.0	1362.2	1343.7	1355.3
50°	1378.4	1376.0	1359.9	1357.5	1359.9	1376.0	1378.4	1371.4	1286.0	1269.9	1269.9
52.5°	1290.6	1290.6	1292.9	1297.5	1292.9	1290.6	1290.6	1292.9	1216.7	1200.5	1195.9
55°	1214.4	1216.7	1232.9	1237.5	1232.9	1216.7	1214.4	1214.4	1145.1	1129.0	1119.8
57.5°	1136.0	1136.0	1147.4	1147.4	1147.4	1136.0	1136.0	1131.3	1064.4	1050.4	1045.9
60°	1045.9	1050.4	1059.7	1057.5	1059.7	1050.4	1045.9	1041.3	983.5	974.3	958.1
62.5°	951.2	955.8	958.1	953.5	958.1	955.8	951.2	937.4	902.7	895.8	875.0
65°	852.0	856.5	858.9	854.2	858.9	856.5	852.0	845.1	819.6	808.0	789.6
67.5°	750.4	748.0	745.7	755.0	745.7	748.0	750.4	741.1	725.0	715.7	690.3
70°	646.5	646.5	644.1	648.8	644.1	646.5	646.5	639.6	630.3	623.4	600.3
72.5°	535.6	533.3	542.6	535.6	542.6	533.3	535.6	533.3	528.7	521.8	498.7
75°	427.2	431.7	427.2	434.1	427.2	431.7	427.2	429.4	427.2	422.5	406.3
77.5°	325.6	330.2	325.6	325.6	325.6	330.2	325.6	327.8	327.8	327.8	314.0
80°	230.9	228.6	228.6	226.2	228.6	228.6	230.9	230.9	233.1	228.6	224.0
82.5°	147.7	145.5	145.5	150.1	145.5	145.5	147.7	150.1	145.5	145.5	145.5
85°	80.8	83.1	78.5	78.5	78.5	83.1	80.8	76.2	80.8	80.8	78.5
87.5°	30.0	27.7	27.7	27.7	27.7	27.7	30.0	32.3	32.3	32.3	34.7
90°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	14.2	19.0	21.4	18.4
92.5°	53.4	51.3	42.8	34.3	42.8	51.3	53.4	75.7	105.4	120.3	105.7
95°	181.4	174.9	149.2	123.4	149.2	174.9	181.4	238.2	314.0	351.8	297.2
97.5°	418.7	406.4	357.5	308.5	357.5	406.4	418.7	454.6	502.6	526.5	435.4
100°	588.1	573.5	515.1	456.7	515.1	573.5	588.1	585.4	581.9	580.2	479.0
102.5°	732.6	720.2	670.1	620.1	670.1	720.2	732.6	686.9	625.8	595.4	492.8
105°	901.4	894.6	867.8	840.9	867.8	894.6	901.4	798.8	662.0	593.6	494.3
107.5°	989.0	990.7	997.1	1003.7	997.1	990.7	989.0	846.0	655.2	559.9	472.3
110°	1011.6	1018.6	1046.5	1074.6	1046.5	1018.6	1011.6	851.7	638.4	531.8	452.8



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	997.2	1008.0	1051.0	1093.9	1051.0	1008.0	997.2	833.6	615.4	506.2	435.8
115°	948.6	963.5	1023.1	1082.7	1023.1	963.5	948.6	790.9	580.7	475.6	416.2
117.5°	881.3	897.9	964.0	1030.2	964.0	897.9	881.3	739.1	549.3	454.5	404.1
120°	836.0	852.1	916.4	980.7	916.4	852.1	836.0	706.1	532.7	446.0	399.9
122.5°	790.8	806.7	870.1	933.4	870.1	806.7	790.8	673.8	517.6	439.5	397.7
125°	730.9	745.4	803.8	862.2	803.8	745.4	730.9	631.5	498.8	432.5	396.0
127.5°	682.8	695.1	744.4	793.7	744.4	695.1	682.8	597.4	483.6	426.6	395.0
130°	652.5	663.9	709.3	754.8	709.3	663.9	652.5	576.4	475.0	424.3	395.5
132.5°	626.6	636.7	677.5	718.2	677.5	636.7	626.6	558.5	467.8	422.4	396.0
135°	590.0	598.8	633.9	669.0	633.9	598.8	590.0	533.0	457.1	419.1	395.6
137.5°	563.0	570.2	599.0	627.7	599.0	570.2	563.0	514.8	450.5	418.4	398.0
140°	541.3	548.1	574.9	601.8	574.9	548.1	541.3	499.8	444.3	416.5	398.4
142.5°	526.1	532.0	555.1	578.2	555.1	532.0	526.1	489.6	440.9	416.5	399.9
145°	503.4	507.8	525.3	542.8	525.3	507.8	503.4	473.5	433.6	413.7	399.9
147.5°	484.3	487.9	502.4	516.9	502.4	487.9	484.3	460.7	429.3	413.7	402.6
150°	473.3	476.2	488.0	499.8	488.0	476.2	473.3	453.5	427.0	413.7	404.1
152.5°	464.6	466.7	475.6	484.6	475.6	466.7	464.6	447.6	425.0	413.7	405.0
155°	454.2	455.6	461.5	467.4	461.5	455.6	454.2	440.7	422.7	413.7	407.1
157.5°	445.2	446.2	450.4	454.5	450.4	446.2	445.2	434.7	420.7	413.7	409.2
160°	440.7	441.3	443.6	446.0	443.6	441.3	440.7	431.7	419.7	413.7	410.1
162.5°	436.4	437.0	439.3	441.5	439.3	437.0	436.4	428.9	418.8	413.7	411.1
165°	430.0	430.6	433.0	435.4	433.0	430.6	430.0	424.5	417.3	413.7	412.5
167.5°	427.2	427.4	428.4	429.4	428.4	427.4	427.2	423.6	418.9	416.5	415.5
170°	427.2	427.2	427.2	427.2	427.2	427.2	427.2	423.6	418.9	416.5	416.4
172.5°	424.9	424.7	423.8	423.0	423.8	424.7	424.9	422.1	418.3	416.5	416.5
175°	421.8	421.8	421.8	421.8	421.8	421.8	421.8	420.1	417.7	416.5	417.1
177.5°	421.3	421.0	420.1	419.1	420.1	421.0	421.3	419.9	418.0	417.1	417.5
180°	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1	419.1



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2410.4	2421.9	2428.8	2438.1	2461.1
5°	2318.0	2361.9	2375.7	2410.4	2451.9
7.5°	2114.8	2248.7	2285.6	2368.8	2433.5
10°	1918.6	2052.5	2117.2	2313.4	2410.4
12.5°	1819.3	1897.8	1941.7	2216.4	2378.1
15°	1757.0	1812.4	1844.7	2087.2	2341.1
17.5°	1708.5	1747.8	1770.8	1960.2	2290.3
20°	1678.5	1696.9	1717.8	1867.8	2232.6
22.5°	1657.7	1646.2	1662.3	1803.2	2154.1
25°	1643.8	1600.0	1618.4	1752.3	2061.7
27.5°	1655.4	1558.4	1565.3	1706.2	1964.7
30°	1657.7	1507.6	1509.9	1657.7	1856.2
32.5°	1641.5	1454.5	1456.9	1597.7	1733.9
35°	1602.3	1392.2	1389.8	1528.4	1567.7
37.5°	1549.2	1325.3	1325.3	1452.2	1385.3
40°	1484.5	1258.3	1265.2	1352.9	1223.6
42.5°	1406.0	1186.7	1195.9	1221.4	1103.6
45°	1320.6	1117.4	1124.4	1032.0	1011.2
47.5°	1225.9	1045.9	1048.2	856.5	981.2
50°	1112.8	971.9	962.8	734.2	979.0
52.5°	1013.5	891.2	863.5	664.9	888.9
55°	916.6	805.8	745.7	611.8	824.2
57.5°	831.1	695.0	637.2	549.5	810.4
60°	752.6	586.4	542.6	482.6	743.4
62.5°	688.0	505.6	496.4	436.4	674.1
65°	618.7	450.2	447.9	397.1	572.6
67.5°	551.8	413.2	411.0	360.1	436.4
70°	480.2	374.0	369.4	320.9	323.2
72.5°	406.3	330.2	325.6	288.6	267.8
75°	332.5	279.3	277.1	251.7	217.0
77.5°	260.9	221.7	226.2	203.2	159.3
80°	187.0	161.6	166.2	145.5	120.1
82.5°	124.7	106.2	110.8	92.3	80.8
85°	69.2	60.0	62.3	48.5	36.9
87.5°	32.3	27.7	27.7	18.5	11.6
90°	12.4	7.9	7.4	5.1	2.8
92.5°	76.3	54.3	49.5	30.4	11.3
95°	187.7	105.7	97.0	61.9	27.0
97.5°	253.0	116.2	108.4	77.6	46.7
100°	276.6	124.9	117.9	89.9	61.9
102.5°	287.5	133.6	127.1	101.0	74.8
105°	295.5	146.5	141.0	118.9	96.8
107.5°	297.1	165.6	160.5	139.9	119.3
110°	294.8	176.3	171.6	153.0	134.4



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	294.9	189.3	184.8	167.1	149.4
115°	297.6	208.7	204.6	188.2	171.8
117.5°	303.2	227.5	223.8	208.9	194.0
120°	307.6	238.5	235.0	221.0	206.9
122.5°	314.1	251.4	247.9	233.8	219.7
125°	322.8	268.0	264.8	251.9	239.1
127.5°	331.6	284.1	280.8	267.8	254.8
130°	337.9	294.7	291.3	277.3	263.2
132.5°	343.1	303.5	300.0	286.0	272.0
135°	348.8	313.6	310.4	297.6	284.9
137.5°	357.1	326.5	323.3	310.7	298.1
140°	362.3	335.2	332.3	320.7	309.1
142.5°	366.6	341.7	338.9	328.2	317.5
145°	372.3	351.6	349.2	339.8	330.5
147.5°	380.5	363.9	361.7	352.5	343.4
150°	384.9	370.4	368.3	360.1	351.8
152.5°	387.6	374.6	373.0	366.8	360.5
155°	393.8	383.9	382.7	378.1	373.5
157.5°	400.0	393.1	392.1	387.5	383.0
160°	402.8	397.3	396.4	393.0	389.5
162.5°	405.8	401.9	401.2	398.6	396.0
165°	410.2	408.3	407.7	405.3	403.0
167.5°	413.5	412.0	411.7	410.5	409.4
170°	416.3	416.2	416.0	414.8	413.7
172.5°	416.5	416.5	416.4	416.2	416.0
175°	418.3	419.1	419.1	419.1	419.1
177.5°	418.4	419.1	419.1	419.1	419.1
180°	419.1	419.1	419.1	419.1	419.1



TEST NUMBER: P934540

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-4000K

**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	15.90	16.98	16.67	17.76	18.72	18.72	19.80	19.49	20.59	21.54
	3H	16.39	17.36	17.17	18.15	19.14	20.08	21.05	20.86	21.85	22.83
	4H	16.59	17.51	17.39	18.31	19.31	20.54	21.45	21.33	22.25	23.25
	6H	16.72	17.56	17.53	18.38	19.39	20.83	21.67	21.64	22.49	23.50
	8H	16.73	17.53	17.55	18.36	19.38	20.91	21.71	21.73	22.54	23.56
	12H	16.71	17.47	17.53	18.30	19.34	20.96	21.72	21.78	22.55	23.58
4H	2H	16.96	17.87	17.76	18.67	19.67	19.16	20.07	19.96	20.88	21.87
	3H	18.00	18.76	18.82	19.60	20.61	20.68	21.44	21.50	22.28	23.29
	4H	18.29	18.98	19.12	19.82	20.86	21.22	21.91	22.05	22.75	23.79
	6H	18.43	19.02	19.27	19.89	20.93	21.60	22.19	22.44	23.05	24.10
	8H	18.44	18.99	19.28	19.85	20.91	21.71	22.26	22.55	23.12	24.18
	12H	18.41	18.92	19.28	19.79	20.86	21.77	22.27	22.64	23.15	24.22
8H	4H	18.76	19.32	19.61	20.17	21.23	21.36	21.92	22.21	22.78	23.83
	6H	19.03	19.49	19.90	20.39	21.45	21.81	22.27	22.68	23.17	24.22
	8H	19.07	19.48	19.96	20.38	21.45	21.96	22.37	22.84	23.26	24.34
	12H	19.07	19.43	19.96	20.31	21.44	22.07	22.43	22.95	23.31	24.44
12H	4H	18.78	19.28	19.64	20.16	21.22	21.34	21.84	22.20	22.72	23.78
	6H	19.09	19.50	19.98	20.40	21.47	21.80	22.21	22.69	23.11	24.18
	8H	19.17	19.53	20.06	20.42	21.54	21.97	22.34	22.86	23.22	24.35