

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: P934541

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

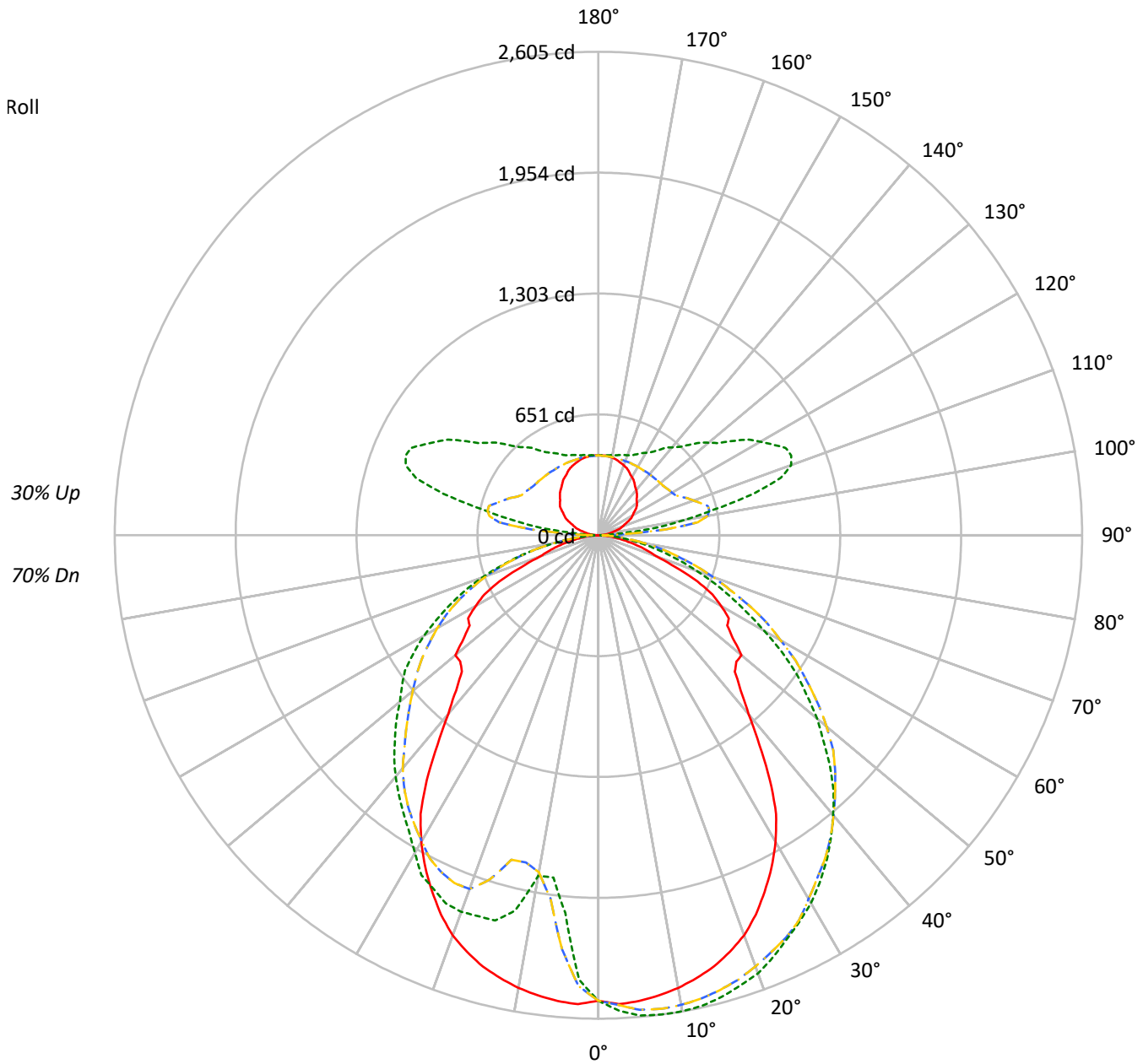
Test Method: LM-79-2019  
Report Number: P934541  
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9294.7 lumens  
Efficiency: N/A  
Efficacy: 110.7 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

TEST NUMBER: P934541  
CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K

### 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°	15512	15512	15512	15512
5°	15623	15659	15623	12313
10°	15513	15425	15513	11028
15°	15339	15091	15339	12601
20°	15011	14695	15011	12628
25°	14349	14118	14349	12360
30°	13495	13638	13495	11773
35°	12025	13032	12025	11127
40°	10014	12318	10014	10639
45°	8942	11483	8942	10078
50°	9492	10486	9492	9515
55°	8922	9412	8922	9189
60°	9186	7994	9186	8417
65°	8316	6607	8316	7387
70°	5744	5266	5744	6191
75°	5018	3893	5018	4661
80°	4016	2573	4016	2802
85°	2260	1363	2260	1159

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13713 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	226.4	2.4
10°-20°	642.7	6.9
20°-30°	993.5	10.7
30°-40°	1186.0	12.8
40°-50°	1193.0	12.8
50°-60°	1038.0	11.2
60°-70°	736.0	7.9
70°-80°	389.4	4.2
80°-90°	98.6	1.1
90°-100°	209.9	2.3
100°-110°	551.8	5.9
110°-120°	572.2	6.2
120°-130°	458.9	4.9
130°-140°	360.1	3.9
140°-150°	276.4	3.0
150°-160°	199.1	2.1
160°-170°	121.8	1.3
170°-180°	41.1	0.4
0°-30°	1862.5	20.0
0°-40°	3048.5	32.8
0°-60°	5279.5	56.8
0°-90°	6503.5	70.0
90°-120°	1333.8	14.4
90°-150°	2429.3	26.1
90°-180°	2791.0	30.0
0°-180°	9294.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2508	2508	2508	2508	2508	
5°	2520	2598	2520	2043	2520	239
15°	2406	2574	2406	2149	2406	677
25°	2118	2401	2118	2102	2118	973
35°	1611	2142	1611	1829	1611	997
45°	1039	1765	1039	1549	1039	832
55°	847	1302	847	1272	847	778
65°	588	785	588	878	588	562
75°	223	372	223	446	223	234
85°	38	95	38	81	38	51
90°	3	11	3	11	3	4
95°	28	127	28	127	28	31
105°	100	864	100	864	100	105
115°	177	1113	177	1113	177	174
125°	246	886	246	886	246	218
135°	293	688	293	688	293	226
145°	340	558	340	558	340	213
155°	384	480	384	480	384	176
165°	414	447	414	447	414	117
175°	431	433	431	433	431	41
180°	431	431	431	431	431	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2528.9	2528.9	2543.2	2547.9	2547.9	2540.8	2533.7	2540.8	2562.2	2569.3	2566.9
5°	2519.5	2538.5	2564.6	2569.3	2574.1	2571.7	2566.9	2571.7	2595.4	2600.2	2602.5
7.5°	2500.5	2536.0	2569.3	2576.4	2583.5	2576.4	2574.1	2578.8	2602.5	2607.3	2607.3
10°	2476.8	2526.6	2564.6	2569.3	2576.4	2569.3	2569.3	2578.8	2602.5	2607.3	2609.6
12.5°	2443.6	2512.4	2547.9	2552.7	2562.2	2559.8	2557.4	2566.9	2590.6	2595.4	2595.4
15°	2405.7	2486.2	2519.5	2524.3	2540.8	2536.0	2536.0	2545.6	2571.7	2578.8	2576.4
17.5°	2353.4	2453.0	2491.0	2498.1	2510.0	2507.6	2510.0	2519.5	2543.2	2547.9	2550.3
20°	2294.1	2408.0	2453.0	2460.1	2472.0	2472.0	2472.0	2483.9	2507.6	2517.1	2517.1
22.5°	2213.5	2360.5	2408.0	2412.8	2427.0	2427.0	2431.7	2448.3	2469.7	2472.0	2472.0
25°	2118.5	2308.3	2348.6	2362.9	2377.1	2384.2	2391.4	2400.9	2408.0	2405.7	2408.0
27.5°	2018.9	2241.9	2294.1	2303.6	2322.6	2329.7	2339.2	2341.5	2344.0	2351.1	2346.3
30°	1907.4	2149.4	2227.7	2237.1	2268.0	2272.7	2263.3	2268.0	2279.8	2284.6	2289.4
32.5°	1781.6	2011.8	2158.9	2180.2	2208.7	2194.5	2192.1	2199.2	2218.2	2218.2	2222.9
35°	1610.9	1905.0	2094.9	2113.8	2135.1	2118.5	2128.0	2130.4	2142.3	2149.4	2147.0
37.5°	1423.5	1812.5	2028.4	2042.6	2059.3	2037.8	2052.1	2059.3	2068.7	2064.0	2064.0
40°	1257.4	1667.8	1950.1	1959.6	1973.8	1957.2	1971.5	1976.2	1980.9	1976.2	1973.8
42.5°	1134.0	1508.8	1867.1	1878.9	1869.4	1881.3	1886.0	1895.6	1888.4	1878.9	1878.9
45°	1039.1	1466.2	1776.9	1791.2	1776.9	1795.9	1803.0	1803.0	1781.6	1776.9	1774.5
47.5°	1008.3	1380.7	1686.8	1686.8	1679.7	1703.4	1715.3	1698.6	1677.2	1670.1	1670.1
50°	1005.9	1285.9	1563.4	1553.9	1587.1	1615.6	1603.8	1587.1	1570.5	1544.4	1544.4
52.5°	913.4	1169.6	1404.5	1440.0	1492.3	1508.8	1489.8	1473.3	1444.8	1432.9	1423.5
55°	846.9	1048.6	1259.7	1330.9	1385.5	1406.8	1371.2	1354.7	1312.0	1304.8	1300.1
57.5°	832.7	873.0	1126.9	1217.1	1283.4	1281.1	1259.7	1228.9	1193.3	1186.2	1183.8
60°	763.9	631.0	984.5	1091.3	1160.1	1153.0	1134.0	1105.6	1072.3	1067.6	1062.9
62.5°	692.7	457.9	823.2	944.2	1041.4	1039.1	1022.5	979.8	956.1	944.2	934.7
65°	588.4	384.4	586.0	785.2	925.3	929.9	894.4	863.6	837.5	823.2	820.9
67.5°	448.4	313.1	396.2	654.8	813.8	809.0	763.9	749.6	716.5	709.3	695.1
70°	332.1	208.8	275.2	531.4	704.6	692.7	657.2	640.6	609.7	593.1	583.6
72.5°	275.2	168.4	201.6	412.8	593.1	578.9	548.0	529.0	503.0	488.8	479.2
75°	223.0	178.0	154.2	306.0	481.6	472.1	443.6	424.6	403.3	384.4	386.7
77.5°	163.7	166.1	123.4	225.4	381.9	367.7	351.1	327.4	317.9	298.9	298.9
80°	123.4	130.5	92.5	154.2	275.2	275.2	261.0	244.3	227.8	218.3	218.3
82.5°	83.0	83.0	68.8	97.3	187.4	180.3	170.8	166.1	156.6	151.8	151.8
85°	37.9	47.5	42.7	59.4	102.0	106.7	106.7	102.0	99.6	94.9	97.3
87.5°	11.9	21.3	26.1	33.2	52.2	54.6	56.9	56.9	56.9	59.4	59.4
90°	2.9	5.2	7.6	8.1	12.7	18.9	22.0	19.5	14.6	10.9	10.9
92.5°	11.6	31.2	50.8	55.8	78.4	108.6	123.7	108.3	77.8	54.9	52.7
95°	27.8	63.7	99.6	108.6	192.9	305.4	361.5	322.7	244.8	186.4	179.7
97.5°	48.0	79.7	111.4	119.4	259.9	447.4	541.0	516.4	467.2	430.2	417.6
100°	63.6	92.3	121.1	128.3	284.2	492.2	596.2	597.9	601.6	604.3	589.3
102.5°	76.8	103.8	130.6	137.3	295.5	506.3	611.8	643.1	705.8	752.8	740.0
105°	99.5	122.2	144.9	150.6	303.7	507.9	610.0	680.3	820.8	926.2	919.3
107.5°	122.5	143.8	164.9	170.2	305.3	485.3	575.3	673.3	869.3	1016.3	1018.0
110°	138.1	157.2	176.4	181.1	302.9	465.3	546.4	656.0	875.2	1039.5	1046.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	153.5	171.7	189.9	194.5	303.0	447.8	520.2	632.3	856.6	1024.7	1035.7
115°	176.6	193.4	210.2	214.4	305.8	427.7	488.7	596.7	812.7	974.7	990.0
117.5°	199.4	214.7	229.9	233.8	311.5	415.2	467.0	564.5	759.4	905.6	922.6
120°	212.6	227.0	241.4	245.1	316.1	410.9	458.3	547.4	725.5	859.1	875.6
122.5°	225.7	240.2	254.7	258.4	322.8	408.7	451.6	531.8	692.3	812.6	828.9
125°	245.6	258.8	272.1	275.4	331.7	406.9	444.5	512.6	648.9	751.0	766.0
127.5°	261.8	275.2	288.5	291.9	340.7	405.8	438.4	496.9	613.8	701.6	714.2
130°	270.5	284.9	299.3	302.8	347.2	406.4	436.0	488.1	592.3	670.5	682.1
132.5°	279.5	293.9	308.3	311.8	352.6	406.9	434.1	480.7	573.9	643.8	654.3
135°	292.7	305.8	318.9	322.2	358.4	406.5	430.6	469.7	547.7	606.3	615.3
137.5°	306.3	319.3	332.2	335.5	367.0	408.9	430.0	463.0	529.0	578.5	585.9
140°	317.6	329.6	341.4	344.4	372.3	409.4	428.0	456.5	513.5	556.2	563.2
142.5°	326.2	337.2	348.3	351.1	376.7	410.9	428.0	453.1	503.1	540.6	546.6
145°	339.6	349.2	358.8	361.3	382.6	410.9	425.1	445.6	486.5	517.3	521.8
147.5°	352.9	362.2	371.6	374.0	391.0	413.7	425.1	441.2	473.4	497.6	501.4
150°	361.5	370.1	378.5	380.6	395.5	415.2	425.1	438.8	466.0	486.3	489.3
152.5°	370.4	376.9	383.3	384.9	398.3	416.1	425.1	436.7	460.0	477.4	479.6
155°	383.8	388.6	393.2	394.4	404.6	418.3	425.1	434.4	452.9	466.7	468.2
157.5°	393.6	398.2	402.9	404.0	411.0	420.4	425.1	432.3	446.7	457.4	458.5
160°	400.2	403.8	407.3	408.3	413.9	421.4	425.1	431.3	443.6	452.9	453.4
162.5°	406.9	409.6	412.3	413.0	417.0	422.4	425.1	430.3	440.7	448.5	449.0
165°	414.1	416.5	418.9	419.6	421.5	423.9	425.1	428.8	436.2	441.8	442.5
167.5°	420.7	421.8	423.0	423.3	424.9	427.0	428.0	430.4	435.3	438.9	439.2
170°	425.1	426.2	427.4	427.7	427.8	427.9	428.0	430.4	435.3	438.9	438.9
172.5°	427.4	427.7	427.9	428.0	428.0	428.0	428.0	429.9	433.7	436.6	436.4
175°	430.6	430.6	430.6	430.6	429.8	428.6	428.0	429.2	431.6	433.4	433.4
177.5°	430.6	430.6	430.6	430.6	430.0	429.0	428.6	429.5	431.5	432.9	432.6
180°	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2571.7	2564.6	2571.7	2566.9	2569.3	2562.2	2540.8	2533.7	2540.8	2547.9	2547.9
5°	2602.5	2597.7	2602.5	2602.5	2600.2	2595.4	2571.7	2566.9	2571.7	2574.1	2569.3
7.5°	2612.0	2604.9	2612.0	2607.3	2607.3	2602.5	2578.8	2574.1	2576.4	2583.5	2576.4
10°	2612.0	2604.9	2612.0	2609.6	2607.3	2602.5	2578.8	2569.3	2569.3	2576.4	2569.3
12.5°	2600.2	2595.4	2600.2	2595.4	2595.4	2590.6	2566.9	2557.4	2559.8	2562.2	2552.7
15°	2581.2	2574.1	2581.2	2576.4	2578.8	2571.7	2545.6	2536.0	2536.0	2540.8	2524.3
17.5°	2552.7	2543.2	2552.7	2550.3	2547.9	2543.2	2519.5	2510.0	2507.6	2510.0	2498.1
20°	2519.5	2512.4	2519.5	2517.1	2517.1	2507.6	2483.9	2472.0	2472.0	2472.0	2460.1
22.5°	2467.2	2460.1	2467.2	2472.0	2472.0	2469.7	2448.3	2431.7	2427.0	2427.0	2412.8
25°	2408.0	2400.9	2408.0	2408.0	2405.7	2408.0	2400.9	2391.4	2384.2	2377.1	2362.9
27.5°	2351.1	2346.3	2351.1	2346.3	2351.1	2344.0	2341.5	2339.2	2329.7	2322.6	2303.6
30°	2294.1	2289.4	2294.1	2289.4	2284.6	2279.8	2268.0	2263.3	2272.7	2268.0	2237.1
32.5°	2222.9	2218.2	2222.9	2222.9	2218.2	2218.2	2199.2	2192.1	2194.5	2208.7	2180.2
35°	2149.4	2142.3	2149.4	2147.0	2149.4	2142.3	2130.4	2128.0	2118.5	2135.1	2113.8
37.5°	2064.0	2056.8	2064.0	2064.0	2064.0	2068.7	2059.3	2052.1	2037.8	2059.3	2042.6
40°	1976.2	1966.7	1976.2	1973.8	1976.2	1980.9	1976.2	1971.5	1957.2	1973.8	1959.6
42.5°	1876.6	1874.2	1876.6	1878.9	1878.9	1888.4	1895.6	1886.0	1881.3	1869.4	1878.9
45°	1769.8	1765.1	1769.8	1774.5	1776.9	1781.6	1803.0	1803.0	1795.9	1776.9	1791.2
47.5°	1655.9	1644.1	1655.9	1670.1	1670.1	1677.2	1698.6	1715.3	1703.4	1679.7	1686.8
50°	1535.0	1537.3	1535.0	1544.4	1544.4	1570.5	1587.1	1603.8	1615.6	1587.1	1553.9
52.5°	1416.4	1413.9	1416.4	1423.5	1432.9	1444.8	1473.3	1489.8	1508.8	1492.3	1440.0
55°	1297.7	1302.4	1297.7	1300.1	1304.8	1312.0	1354.7	1371.2	1406.8	1385.5	1330.9
57.5°	1179.0	1171.9	1179.0	1183.8	1186.2	1193.3	1228.9	1259.7	1281.1	1283.4	1217.1
60°	1041.4	1032.0	1041.4	1062.9	1067.6	1072.3	1105.6	1134.0	1153.0	1160.1	1091.3
62.5°	920.5	903.9	920.5	934.7	944.2	956.1	979.8	1022.5	1039.1	1041.4	944.2
65°	792.4	785.2	792.4	820.9	823.2	837.5	863.6	894.4	929.9	925.3	785.2
67.5°	676.2	676.2	676.2	695.1	709.3	716.5	749.6	763.9	809.0	813.8	654.8
70°	569.3	567.0	569.3	583.6	593.1	609.7	640.6	657.2	692.7	704.6	531.4
72.5°	467.4	465.0	467.4	479.2	488.8	503.0	529.0	548.0	578.9	593.1	412.8
75°	377.2	372.5	377.2	386.7	384.4	403.3	424.6	443.6	472.1	481.6	306.0
77.5°	289.5	289.5	289.5	298.9	298.9	317.9	327.4	351.1	367.7	381.9	225.4
80°	215.9	213.5	215.9	218.3	218.3	227.8	244.3	261.0	275.2	275.2	154.2
82.5°	151.8	147.1	151.8	151.8	151.8	156.6	166.1	170.8	180.3	187.4	97.3
85°	94.9	94.9	94.9	97.3	94.9	99.6	102.0	106.7	106.7	102.0	59.4
87.5°	61.7	59.4	61.7	59.4	59.4	56.9	56.9	56.9	54.6	52.2	33.2
90°	10.9	10.9	10.9	10.9	10.9	14.6	19.5	22.0	18.9	12.7	8.1
92.5°	43.9	35.2	43.9	52.7	54.9	77.8	108.3	123.7	108.6	78.4	55.8
95°	153.3	126.8	153.3	179.7	186.4	244.8	322.7	361.5	305.4	192.9	108.6
97.5°	367.3	317.1	367.3	417.6	430.2	467.2	516.4	541.0	447.4	259.9	119.4
100°	529.3	469.3	529.3	589.3	604.3	601.6	597.9	596.2	492.2	284.2	128.3
102.5°	688.6	637.2	688.6	740.0	752.8	705.8	643.1	611.8	506.3	295.5	137.3
105°	891.7	864.0	891.7	919.3	926.2	820.8	680.3	610.0	507.9	303.7	150.6
107.5°	1024.6	1031.4	1024.6	1018.0	1016.3	869.3	673.3	575.3	485.3	305.3	170.2
110°	1075.4	1104.2	1075.4	1046.7	1039.5	875.2	656.0	546.4	465.3	302.9	181.1





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1080.0	1124.1	1080.0	1035.7	1024.7	856.6	632.3	520.2	447.8	303.0	194.5
115°	1051.3	1112.6	1051.3	990.0	974.7	812.7	596.7	488.7	427.7	305.8	214.4
117.5°	990.6	1058.6	990.6	922.6	905.6	759.4	564.5	467.0	415.2	311.5	233.8
120°	941.6	1007.7	941.6	875.6	859.1	725.5	547.4	458.3	410.9	316.1	245.1
122.5°	894.0	959.1	894.0	828.9	812.6	692.3	531.8	451.6	408.7	322.8	258.4
125°	826.0	886.0	826.0	766.0	751.0	648.9	512.6	444.5	406.9	331.7	275.4
127.5°	764.9	815.5	764.9	714.2	701.6	613.8	496.9	438.4	405.8	340.7	291.9
130°	728.9	775.6	728.9	682.1	670.5	592.3	488.1	436.0	406.4	347.2	302.8
132.5°	696.2	738.0	696.2	654.3	643.8	573.9	480.7	434.1	406.9	352.6	311.8
135°	651.4	687.5	651.4	615.3	606.3	547.7	469.7	430.6	406.5	358.4	322.2
137.5°	615.5	645.0	615.5	585.9	578.5	529.0	463.0	430.0	408.9	367.0	335.5
140°	590.7	618.4	590.7	563.2	556.2	513.5	456.5	428.0	409.4	372.3	344.4
142.5°	570.4	594.1	570.4	546.6	540.6	503.1	453.1	428.0	410.9	376.7	351.1
145°	539.8	557.7	539.8	521.8	517.3	486.5	445.6	425.1	410.9	382.6	361.3
147.5°	516.2	531.1	516.2	501.4	497.6	473.4	441.2	425.1	413.7	391.0	374.0
150°	501.5	513.5	501.5	489.3	486.3	466.0	438.8	425.1	415.2	395.5	380.6
152.5°	488.8	497.9	488.8	479.6	477.4	460.0	436.7	425.1	416.1	398.3	384.9
155°	474.3	480.3	474.3	468.2	466.7	452.9	434.4	425.1	418.3	404.6	394.4
157.5°	462.8	467.0	462.8	458.5	457.4	446.7	432.3	425.1	420.4	411.0	404.0
160°	455.9	458.3	455.9	453.4	452.9	443.6	431.3	425.1	421.4	413.9	408.3
162.5°	451.4	453.7	451.4	449.0	448.5	440.7	430.3	425.1	422.4	417.0	413.0
165°	444.9	447.4	444.9	442.5	441.8	436.2	428.8	425.1	423.9	421.5	419.6
167.5°	440.2	441.3	440.2	439.2	438.9	435.3	430.4	428.0	427.0	424.9	423.3
170°	438.9	438.9	438.9	438.9	438.9	435.3	430.4	428.0	427.9	427.8	427.7
172.5°	435.5	434.6	435.5	436.4	436.6	433.7	429.9	428.0	428.0	428.0	428.0
175°	433.4	433.4	433.4	433.4	433.4	431.6	429.2	428.0	428.6	429.8	430.6
177.5°	431.6	430.6	431.6	432.6	432.9	431.5	429.5	428.6	429.0	430.0	430.6
180°	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6



TEST NUMBER: P934541

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2543.2	2528.9	2528.9	2505.3	2495.8	2488.7	2476.8	2441.2	2431.7	2422.2	2436.4
5°	2564.6	2538.5	2519.5	2476.8	2441.2	2427.0	2381.9	2296.5	2239.6	2196.8	2173.1
7.5°	2569.3	2536.0	2500.5	2434.1	2348.6	2310.7	2173.1	2016.5	1973.8	1935.9	1912.1
10°	2564.6	2526.6	2476.8	2377.1	2175.5	2109.1	1971.5	1869.4	1843.3	1836.2	1843.3
12.5°	2547.9	2512.4	2443.6	2277.5	1995.2	1950.1	1869.4	1810.2	1805.4	1817.3	1881.3
15°	2519.5	2486.2	2405.7	2144.7	1895.6	1862.3	1805.4	1784.1	1810.2	1893.2	2085.3
17.5°	2491.0	2453.0	2353.4	2014.2	1819.6	1795.9	1755.6	1798.3	1945.4	2056.8	2120.9
20°	2453.0	2408.0	2294.1	1919.2	1765.1	1743.7	1724.7	1916.9	2028.4	2068.7	2104.3
22.5°	2408.0	2360.5	2213.5	1852.9	1708.1	1691.5	1703.4	1983.4	2028.4	2056.8	2087.7
25°	2348.6	2308.3	2118.5	1800.6	1663.0	1644.1	1689.1	1976.2	2002.3	2009.4	2071.1
27.5°	2294.1	2241.9	2018.9	1753.2	1608.4	1601.3	1701.0	1945.4	1964.4	1971.5	2037.8
30°	2227.7	2149.4	1907.4	1703.4	1551.5	1549.2	1703.4	1907.4	1902.7	1921.7	1988.0
32.5°	2158.9	2011.8	1781.6	1641.7	1497.0	1494.6	1686.8	1850.4	1845.8	1871.8	1921.7
35°	2094.9	1905.0	1610.9	1570.5	1428.1	1430.6	1646.5	1784.1	1786.4	1810.2	1841.0
37.5°	2028.4	1812.5	1423.5	1492.3	1361.8	1361.8	1591.9	1722.4	1717.6	1724.7	1767.4
40°	1950.1	1667.8	1257.4	1390.2	1300.1	1293.0	1525.4	1655.9	1639.3	1637.0	1696.3
42.5°	1867.1	1508.8	1134.0	1255.0	1228.9	1219.4	1444.8	1575.3	1544.4	1551.5	1627.4
45°	1776.9	1466.2	1039.1	1060.4	1155.4	1148.2	1357.0	1482.7	1461.4	1480.4	1558.6
47.5°	1686.8	1380.7	1008.3	880.1	1077.1	1074.7	1259.7	1392.6	1380.7	1399.7	1482.7
50°	1563.4	1285.9	1005.9	754.4	989.3	998.7	1143.5	1304.8	1304.8	1321.4	1409.2
52.5°	1404.5	1169.6	913.4	683.3	887.3	915.7	1041.4	1228.9	1233.6	1250.3	1328.5
55°	1259.7	1048.6	846.9	628.7	766.3	828.0	941.8	1150.6	1160.1	1176.7	1247.8
57.5°	1126.9	873.0	832.7	564.7	654.8	714.1	854.0	1074.7	1079.4	1093.7	1162.5
60°	984.5	631.0	763.9	495.9	557.6	602.6	773.4	984.5	1001.2	1010.6	1070.0
62.5°	823.2	457.9	692.7	448.4	510.1	519.5	707.0	899.1	920.5	927.6	963.2
65°	586.0	384.4	588.4	408.1	460.2	462.6	635.8	811.3	830.3	842.2	868.3
67.5°	396.2	313.1	448.4	370.1	422.3	424.6	567.0	709.3	735.4	745.0	761.5
70°	275.2	208.8	332.1	329.8	379.6	384.4	493.4	616.8	640.6	647.7	657.2
72.5°	201.6	168.4	275.2	296.6	334.5	339.3	417.5	512.4	536.1	543.3	548.0
75°	154.2	178.0	223.0	258.6	284.7	287.0	341.6	417.5	434.2	438.9	441.3
77.5°	123.4	166.1	163.7	208.8	232.5	227.8	268.1	322.7	336.9	336.9	336.9
80°	92.5	130.5	123.4	149.5	170.8	166.1	192.2	230.1	234.9	239.6	237.2
82.5°	68.8	83.0	83.0	94.9	113.8	109.2	128.1	149.5	149.5	149.5	154.2
85°	42.7	47.5	37.9	49.8	64.0	61.7	71.1	80.7	83.0	83.0	78.3
87.5°	26.1	21.3	11.9	19.0	28.5	28.5	33.2	35.6	33.2	33.2	33.2
90°	7.6	5.2	2.9	5.2	7.6	8.1	12.7	18.9	22.0	19.5	14.6
92.5°	50.8	31.2	11.6	31.2	50.8	55.8	78.4	108.6	123.7	108.3	77.8
95°	99.6	63.7	27.8	63.7	99.6	108.6	192.9	305.4	361.5	322.7	244.8
97.5°	111.4	79.7	48.0	79.7	111.4	119.4	259.9	447.4	541.0	516.4	467.2
100°	121.1	92.3	63.6	92.3	121.1	128.3	284.2	492.2	596.2	597.9	601.6
102.5°	130.6	103.8	76.8	103.8	130.6	137.3	295.5	506.3	611.8	643.1	705.8
105°	144.9	122.2	99.5	122.2	144.9	150.6	303.7	507.9	610.0	680.3	820.8
107.5°	164.9	143.8	122.5	143.8	164.9	170.2	305.3	485.3	575.3	673.3	869.3
110°	176.4	157.2	138.1	157.2	176.4	181.1	302.9	465.3	546.4	656.0	875.2



TEST NUMBER: P934541

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	189.9	171.7	153.5	171.7	189.9	194.5	303.0	447.8	520.2	632.3	856.6
115°	210.2	193.4	176.6	193.4	210.2	214.4	305.8	427.7	488.7	596.7	812.7
117.5°	229.9	214.7	199.4	214.7	229.9	233.8	311.5	415.2	467.0	564.5	759.4
120°	241.4	227.0	212.6	227.0	241.4	245.1	316.1	410.9	458.3	547.4	725.5
122.5°	254.7	240.2	225.7	240.2	254.7	258.4	322.8	408.7	451.6	531.8	692.3
125°	272.1	258.8	245.6	258.8	272.1	275.4	331.7	406.9	444.5	512.6	648.9
127.5°	288.5	275.2	261.8	275.2	288.5	291.9	340.7	405.8	438.4	496.9	613.8
130°	299.3	284.9	270.5	284.9	299.3	302.8	347.2	406.4	436.0	488.1	592.3
132.5°	308.3	293.9	279.5	293.9	308.3	311.8	352.6	406.9	434.1	480.7	573.9
135°	318.9	305.8	292.7	305.8	318.9	322.2	358.4	406.5	430.6	469.7	547.7
137.5°	332.2	319.3	306.3	319.3	332.2	335.5	367.0	408.9	430.0	463.0	529.0
140°	341.4	329.6	317.6	329.6	341.4	344.4	372.3	409.4	428.0	456.5	513.5
142.5°	348.3	337.2	326.2	337.2	348.3	351.1	376.7	410.9	428.0	453.1	503.1
145°	358.8	349.2	339.6	349.2	358.8	361.3	382.6	410.9	425.1	445.6	486.5
147.5°	371.6	362.2	352.9	362.2	371.6	374.0	391.0	413.7	425.1	441.2	473.4
150°	378.5	370.1	361.5	370.1	378.5	380.6	395.5	415.2	425.1	438.8	466.0
152.5°	383.3	376.9	370.4	376.9	383.3	384.9	398.3	416.1	425.1	436.7	460.0
155°	393.2	388.6	383.8	388.6	393.2	394.4	404.6	418.3	425.1	434.4	452.9
157.5°	402.9	398.2	393.6	398.2	402.9	404.0	411.0	420.4	425.1	432.3	446.7
160°	407.3	403.8	400.2	403.8	407.3	408.3	413.9	421.4	425.1	431.3	443.6
162.5°	412.3	409.6	406.9	409.6	412.3	413.0	417.0	422.4	425.1	430.3	440.7
165°	418.9	416.5	414.1	416.5	418.9	419.6	421.5	423.9	425.1	428.8	436.2
167.5°	423.0	421.8	420.7	421.8	423.0	423.3	424.9	427.0	428.0	430.4	435.3
170°	427.4	426.2	425.1	426.2	427.4	427.7	427.8	427.9	428.0	430.4	435.3
172.5°	427.9	427.7	427.4	427.7	427.9	428.0	428.0	428.0	428.0	429.9	433.7
175°	430.6	430.6	430.6	430.6	430.6	430.6	429.8	428.6	428.0	429.2	431.6
177.5°	430.6	430.6	430.6	430.6	430.6	430.6	430.0	429.0	428.6	429.5	431.5
180°	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6



TEST NUMBER: P934541

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2419.9	2412.8	2422.2	2396.1	2422.2	2412.8	2419.9	2436.4	2422.2	2431.7	2441.2
5°	2123.3	2111.4	2073.5	2042.6	2073.5	2111.4	2123.3	2173.1	2196.8	2239.6	2296.5
7.5°	1897.9	1888.4	1878.9	1860.0	1878.9	1888.4	1897.9	1912.1	1935.9	1973.8	2016.5
10°	1848.1	1850.4	1864.7	1862.3	1864.7	1850.4	1848.1	1843.3	1836.2	1843.3	1869.4
12.5°	1976.2	1997.6	2075.9	2071.1	2075.9	1997.6	1976.2	1881.3	1817.3	1805.4	1810.2
15°	2123.3	2130.4	2147.0	2149.4	2147.0	2130.4	2123.3	2085.3	1893.2	1810.2	1784.1
17.5°	2137.5	2139.9	2151.8	2151.8	2151.8	2139.9	2137.5	2120.9	2056.8	1945.4	1798.3
20°	2125.7	2130.4	2154.1	2158.9	2154.1	2130.4	2125.7	2104.3	2068.7	2028.4	1916.9
22.5°	2120.9	2130.4	2149.4	2147.0	2149.4	2130.4	2120.9	2087.7	2056.8	2028.4	1983.4
25°	2097.2	2097.2	2099.5	2102.0	2099.5	2097.2	2097.2	2071.1	2009.4	2002.3	1976.2
27.5°	2047.4	2052.1	2066.4	2064.0	2066.4	2052.1	2047.4	2037.8	1971.5	1964.4	1945.4
30°	2002.3	1997.6	1985.7	1976.2	1985.7	1997.6	2002.3	1988.0	1921.7	1902.7	1907.4
32.5°	1926.4	1914.6	1902.7	1895.6	1902.7	1914.6	1926.4	1921.7	1871.8	1845.8	1850.4
35°	1836.2	1838.6	1836.2	1829.1	1836.2	1838.6	1836.2	1841.0	1810.2	1786.4	1784.1
37.5°	1772.2	1776.9	1774.5	1765.1	1774.5	1776.9	1772.2	1767.4	1724.7	1717.6	1722.4
40°	1705.7	1708.1	1705.7	1698.6	1705.7	1708.1	1705.7	1696.3	1637.0	1639.3	1655.9
42.5°	1641.7	1639.3	1632.2	1627.4	1632.2	1639.3	1641.7	1627.4	1551.5	1544.4	1575.3
45°	1568.2	1570.5	1556.3	1549.2	1556.3	1570.5	1568.2	1558.6	1480.4	1461.4	1482.7
47.5°	1494.6	1494.6	1482.7	1475.6	1482.7	1494.6	1494.6	1482.7	1399.7	1380.7	1392.6
50°	1416.4	1413.9	1397.4	1395.0	1397.4	1413.9	1416.4	1409.2	1321.4	1304.8	1304.8
52.5°	1326.2	1326.2	1328.5	1333.3	1328.5	1326.2	1326.2	1328.5	1250.3	1233.6	1228.9
55°	1247.8	1250.3	1266.9	1271.6	1266.9	1250.3	1247.8	1247.8	1176.7	1160.1	1150.6
57.5°	1167.3	1167.3	1179.0	1179.0	1179.0	1167.3	1167.3	1162.5	1093.7	1079.4	1074.7
60°	1074.7	1079.4	1088.9	1086.6	1088.9	1079.4	1074.7	1070.0	1010.6	1001.2	984.5
62.5°	977.4	982.2	984.5	979.8	984.5	982.2	977.4	963.2	927.6	920.5	899.1
65°	875.4	880.1	882.5	877.8	882.5	880.1	875.4	868.3	842.2	830.3	811.3
67.5°	771.0	768.6	766.3	775.8	766.3	768.6	771.0	761.5	745.0	735.4	709.3
70°	664.3	664.3	661.9	666.6	661.9	664.3	664.3	657.2	647.7	640.6	616.8
72.5°	550.4	548.0	557.6	550.4	557.6	548.0	550.4	548.0	543.3	536.1	512.4
75°	438.9	443.6	438.9	446.0	438.9	443.6	438.9	441.3	438.9	434.2	417.5
77.5°	334.5	339.3	334.5	334.5	334.5	339.3	334.5	336.9	336.9	336.9	322.7
80°	237.2	234.9	234.9	232.5	234.9	234.9	237.2	237.2	239.6	234.9	230.1
82.5°	151.8	149.5	149.5	154.2	149.5	149.5	151.8	154.2	149.5	149.5	149.5
85°	83.0	85.4	80.7	80.7	80.7	85.4	83.0	78.3	83.0	83.0	80.7
87.5°	30.8	28.5	28.5	28.5	28.5	28.5	30.8	33.2	33.2	33.2	35.6
90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	14.6	19.5	22.0	18.9
92.5°	54.9	52.7	43.9	35.2	43.9	52.7	54.9	77.8	108.3	123.7	108.6
95°	186.4	179.7	153.3	126.8	153.3	179.7	186.4	244.8	322.7	361.5	305.4
97.5°	430.2	417.6	367.3	317.1	367.3	417.6	430.2	467.2	516.4	541.0	447.4
100°	604.3	589.3	529.3	469.3	529.3	589.3	604.3	601.6	597.9	596.2	492.2
102.5°	752.8	740.0	688.6	637.2	688.6	740.0	752.8	705.8	643.1	611.8	506.3
105°	926.2	919.3	891.7	864.0	891.7	919.3	926.2	820.8	680.3	610.0	507.9
107.5°	1016.3	1018.0	1024.6	1031.4	1024.6	1018.0	1016.3	869.3	673.3	575.3	485.3
110°	1039.5	1046.7	1075.4	1104.2	1075.4	1046.7	1039.5	875.2	656.0	546.4	465.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1024.7	1035.7	1080.0	1124.1	1080.0	1035.7	1024.7	856.6	632.3	520.2	447.8
115°	974.7	990.0	1051.3	1112.6	1051.3	990.0	974.7	812.7	596.7	488.7	427.7
117.5°	905.6	922.6	990.6	1058.6	990.6	922.6	905.6	759.4	564.5	467.0	415.2
120°	859.1	875.6	941.6	1007.7	941.6	875.6	859.1	725.5	547.4	458.3	410.9
122.5°	812.6	828.9	894.0	959.1	894.0	828.9	812.6	692.3	531.8	451.6	408.7
125°	751.0	766.0	826.0	886.0	826.0	766.0	751.0	648.9	512.6	444.5	406.9
127.5°	701.6	714.2	764.9	815.5	764.9	714.2	701.6	613.8	496.9	438.4	405.8
130°	670.5	682.1	728.9	775.6	728.9	682.1	670.5	592.3	488.1	436.0	406.4
132.5°	643.8	654.3	696.2	738.0	696.2	654.3	643.8	573.9	480.7	434.1	406.9
135°	606.3	615.3	651.4	687.5	651.4	615.3	606.3	547.7	469.7	430.6	406.5
137.5°	578.5	585.9	615.5	645.0	615.5	585.9	578.5	529.0	463.0	430.0	408.9
140°	556.2	563.2	590.7	618.4	590.7	563.2	556.2	513.5	456.5	428.0	409.4
142.5°	540.6	546.6	570.4	594.1	570.4	546.6	540.6	503.1	453.1	428.0	410.9
145°	517.3	521.8	539.8	557.7	539.8	521.8	517.3	486.5	445.6	425.1	410.9
147.5°	497.6	501.4	516.2	531.1	516.2	501.4	497.6	473.4	441.2	425.1	413.7
150°	486.3	489.3	501.5	513.5	501.5	489.3	486.3	466.0	438.8	425.1	415.2
152.5°	477.4	479.6	488.8	497.9	488.8	479.6	477.4	460.0	436.7	425.1	416.1
155°	466.7	468.2	474.3	480.3	474.3	468.2	466.7	452.9	434.4	425.1	418.3
157.5°	457.4	458.5	462.8	467.0	462.8	458.5	457.4	446.7	432.3	425.1	420.4
160°	452.9	453.4	455.9	458.3	455.9	453.4	452.9	443.6	431.3	425.1	421.4
162.5°	448.5	449.0	451.4	453.7	451.4	449.0	448.5	440.7	430.3	425.1	422.4
165°	441.8	442.5	444.9	447.4	444.9	442.5	441.8	436.2	428.8	425.1	423.9
167.5°	438.9	439.2	440.2	441.3	440.2	439.2	438.9	435.3	430.4	428.0	427.0
170°	438.9	438.9	438.9	438.9	438.9	438.9	438.9	435.3	430.4	428.0	427.9
172.5°	436.6	436.4	435.5	434.6	435.5	436.4	436.6	433.7	429.9	428.0	428.0
175°	433.4	433.4	433.4	433.4	433.4	433.4	433.4	431.6	429.2	428.0	428.6
177.5°	432.9	432.6	431.6	430.6	431.6	432.6	432.9	431.5	429.5	428.6	429.0
180°	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6	430.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2476.8	2488.7	2495.8	2505.3	2528.9
5°	2381.9	2427.0	2441.2	2476.8	2519.5
7.5°	2173.1	2310.7	2348.6	2434.1	2500.5
10°	1971.5	2109.1	2175.5	2377.1	2476.8
12.5°	1869.4	1950.1	1995.2	2277.5	2443.6
15°	1805.4	1862.3	1895.6	2144.7	2405.7
17.5°	1755.6	1795.9	1819.6	2014.2	2353.4
20°	1724.7	1743.7	1765.1	1919.2	2294.1
22.5°	1703.4	1691.5	1708.1	1852.9	2213.5
25°	1689.1	1644.1	1663.0	1800.6	2118.5
27.5°	1701.0	1601.3	1608.4	1753.2	2018.9
30°	1703.4	1549.2	1551.5	1703.4	1907.4
32.5°	1686.8	1494.6	1497.0	1641.7	1781.6
35°	1646.5	1430.6	1428.1	1570.5	1610.9
37.5°	1591.9	1361.8	1361.8	1492.3	1423.5
40°	1525.4	1293.0	1300.1	1390.2	1257.4
42.5°	1444.8	1219.4	1228.9	1255.0	1134.0
45°	1357.0	1148.2	1155.4	1060.4	1039.1
47.5°	1259.7	1074.7	1077.1	880.1	1008.3
50°	1143.5	998.7	989.3	754.4	1005.9
52.5°	1041.4	915.7	887.3	683.3	913.4
55°	941.8	828.0	766.3	628.7	846.9
57.5°	854.0	714.1	654.8	564.7	832.7
60°	773.4	602.6	557.6	495.9	763.9
62.5°	707.0	519.5	510.1	448.4	692.7
65°	635.8	462.6	460.2	408.1	588.4
67.5°	567.0	424.6	422.3	370.1	448.4
70°	493.4	384.4	379.6	329.8	332.1
72.5°	417.5	339.3	334.5	296.6	275.2
75°	341.6	287.0	284.7	258.6	223.0
77.5°	268.1	227.8	232.5	208.8	163.7
80°	192.2	166.1	170.8	149.5	123.4
82.5°	128.1	109.2	113.8	94.9	83.0
85°	71.1	61.7	64.0	49.8	37.9
87.5°	33.2	28.5	28.5	19.0	11.9
90°	12.7	8.1	7.6	5.2	2.9
92.5°	78.4	55.8	50.8	31.2	11.6
95°	192.9	108.6	99.6	63.7	27.8
97.5°	259.9	119.4	111.4	79.7	48.0
100°	284.2	128.3	121.1	92.3	63.6
102.5°	295.5	137.3	130.6	103.8	76.8
105°	303.7	150.6	144.9	122.2	99.5
107.5°	305.3	170.2	164.9	143.8	122.5
110°	302.9	181.1	176.4	157.2	138.1



TEST NUMBER: P934541

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	303.0	194.5	189.9	171.7	153.5
115°	305.8	214.4	210.2	193.4	176.6
117.5°	311.5	233.8	229.9	214.7	199.4
120°	316.1	245.1	241.4	227.0	212.6
122.5°	322.8	258.4	254.7	240.2	225.7
125°	331.7	275.4	272.1	258.8	245.6
127.5°	340.7	291.9	288.5	275.2	261.8
130°	347.2	302.8	299.3	284.9	270.5
132.5°	352.6	311.8	308.3	293.9	279.5
135°	358.4	322.2	318.9	305.8	292.7
137.5°	367.0	335.5	332.2	319.3	306.3
140°	372.3	344.4	341.4	329.6	317.6
142.5°	376.7	351.1	348.3	337.2	326.2
145°	382.6	361.3	358.8	349.2	339.6
147.5°	391.0	374.0	371.6	362.2	352.9
150°	395.5	380.6	378.5	370.1	361.5
152.5°	398.3	384.9	383.3	376.9	370.4
155°	404.6	394.4	393.2	388.6	383.8
157.5°	411.0	404.0	402.9	398.2	393.6
160°	413.9	408.3	407.3	403.8	400.2
162.5°	417.0	413.0	412.3	409.6	406.9
165°	421.5	419.6	418.9	416.5	414.1
167.5°	424.9	423.3	423.0	421.8	420.7
170°	427.8	427.7	427.4	426.2	425.1
172.5°	428.0	428.0	427.9	427.7	427.4
175°	429.8	430.6	430.6	430.6	430.6
177.5°	430.0	430.6	430.6	430.6	430.6
180°	430.6	430.6	430.6	430.6	430.6



TEST NUMBER: P934541  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.00	17.07	16.76	17.86	18.81	18.82	19.89	19.58	20.68	21.63
	3H	16.49	17.45	17.27	18.25	19.23	20.18	21.14	20.96	21.94	22.92
	4H	16.69	17.60	17.49	18.40	19.40	20.63	21.54	21.43	22.35	23.34
	6H	16.82	17.66	17.63	18.47	19.48	20.93	21.77	21.73	22.58	23.59
	8H	16.83	17.63	17.64	18.46	19.47	21.01	21.81	21.82	22.64	23.65
	12H	16.80	17.57	17.63	18.39	19.43	21.05	21.81	21.88	22.64	23.68
4H	2H	17.05	17.96	17.85	18.77	19.76	19.25	20.16	20.05	20.97	21.97
	3H	18.10	18.86	18.91	19.70	20.71	20.78	21.54	21.59	22.38	23.39
	4H	18.38	19.07	19.21	19.91	20.95	21.31	22.00	22.14	22.84	23.88
	6H	18.52	19.12	19.36	19.98	21.03	21.69	22.29	22.53	23.15	24.19
	8H	18.53	19.09	19.38	19.95	21.00	21.80	22.36	22.65	23.22	24.27
	12H	18.51	19.01	19.38	19.89	20.95	21.87	22.37	22.73	23.25	24.31
8H	4H	18.85	19.41	19.70	20.27	21.33	21.46	22.01	22.30	22.87	23.93
	6H	19.12	19.59	20.00	20.49	21.54	21.90	22.36	22.77	23.26	24.32
	8H	19.17	19.58	20.05	20.47	21.55	22.05	22.46	22.94	23.36	24.43
	12H	19.16	19.52	20.05	20.41	21.54	22.16	22.52	23.05	23.41	24.54
12H	4H	18.87	19.37	19.74	20.25	21.31	21.43	21.93	22.30	22.81	23.87
	6H	19.19	19.60	20.07	20.49	21.57	21.90	22.31	22.78	23.20	24.28
	8H	19.26	19.62	20.15	20.51	21.64	22.07	22.43	22.96	23.32	24.44