

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: P934446

Luminaire Tested: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934446
REPORT IS A COMBINATION OF REPORTS P933700 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

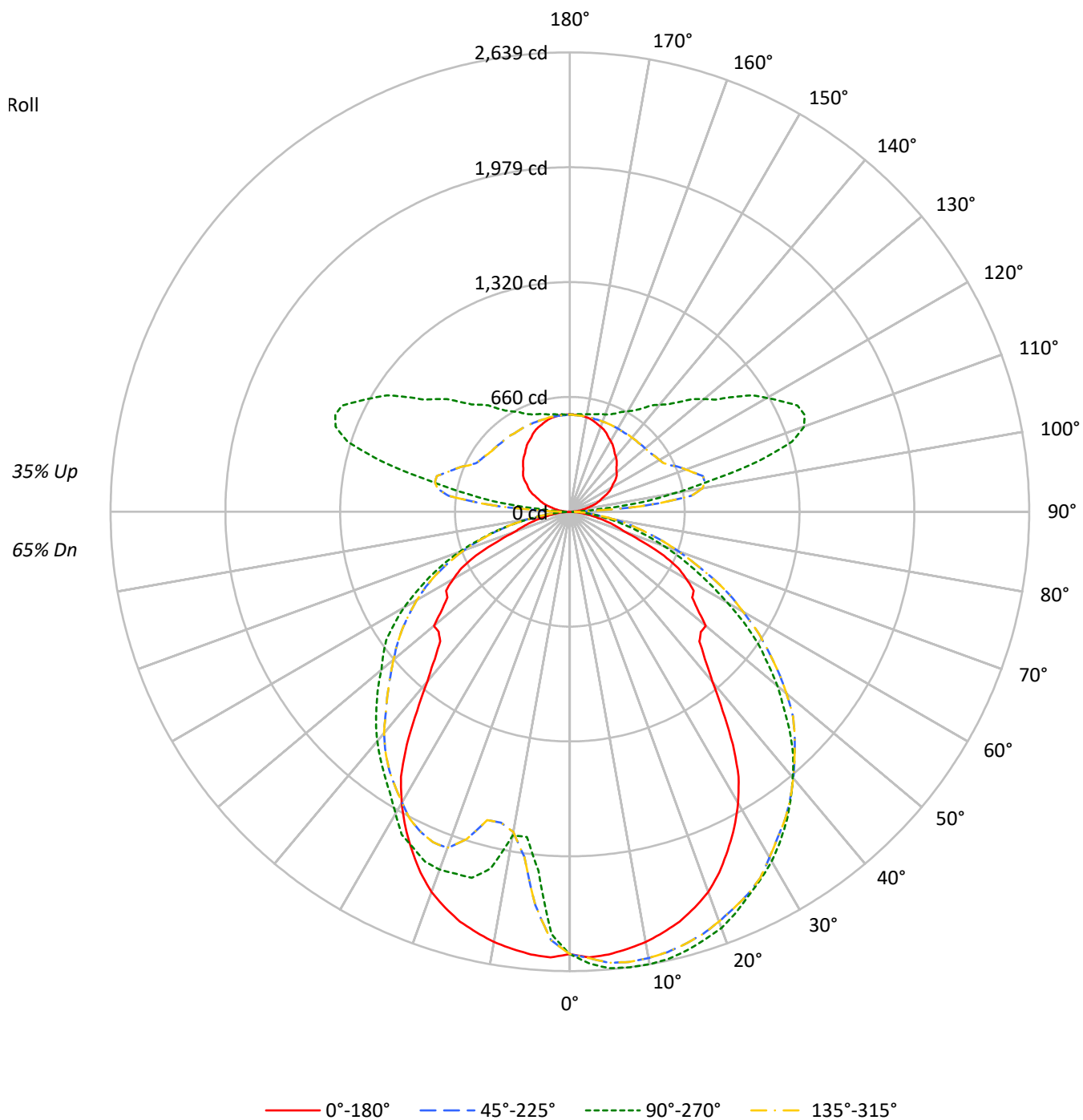
Lumens per Lamp: N/A
Luminaire Lumens: 10211.6 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P934446

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	65		
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	55		
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	46		
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	39		
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	33		
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	29		
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	25		
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	22		
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	20		
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	18		
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	16		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11788	11788	11788	11788
5°	11876	11899	11876	9357
10°	11796	11721	11796	8380
15°	11668	11467	11668	9576
20°	11424	11167	11424	9596
25°	10925	10728	10925	9392
30°	10279	10364	10279	8946
35°	9164	9903	9164	8455
40°	7635	9361	7635	8084
45°	6823	8725	6823	7658
50°	7249	7968	7249	7231
55°	6820	7152	6820	6983
60°	7030	6074	7030	6396
65°	6373	5022	6373	5613
70°	4413	4002	4413	4705
75°	3871	2958	3871	3542
80°	3119	1955	3119	2130
85°	1793	1035	1793	880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 10457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.3	2.2
10°-20°	651.2	6.4
20°-30°	1006.6	9.9
30°-40°	1201.6	11.8
40°-50°	1208.7	11.8
50°-60°	1051.7	10.3
60°-70°	745.7	7.3
70°-80°	394.5	3.9
80°-90°	100.4	1.0
90°-100°	272.3	2.7
100°-110°	716.0	7.0
110°-120°	742.4	7.3
120°-130°	595.5	5.8
130°-140°	467.3	4.6
140°-150°	358.6	3.5
150°-160°	258.3	2.5
160°-170°	158.0	1.5
170°-180°	53.4	0.5
0°-30°	1887.1	18.5
0°-40°	3088.7	30.2
0°-60°	5349.2	52.4
0°-90°	6589.7	64.5
90°-120°	1730.7	16.9
90°-150°	3152.2	30.9
90°-180°	3622.0	35.5
0°-180°	10211.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2541	2541	2541	2541	2541	
5°	2553	2632	2553	2070	2553	242
15°	2437	2608	2437	2178	2437	686
25°	2146	2433	2146	2130	2146	986
35°	1632	2171	1632	1853	1632	1010
45°	1053	1788	1053	1570	1053	843
55°	858	1320	858	1288	858	789
65°	596	796	596	889	596	570
75°	226	377	226	452	226	238
85°	38	96	38	82	38	52
90°	4	14	4	14	4	5
95°	36	165	36	165	36	40
105°	129	1121	129	1121	129	137
115°	229	1444	229	1444	229	226
125°	319	1150	319	1150	319	283
135°	380	892	380	892	380	294
145°	441	724	441	724	441	276
155°	498	623	498	623	498	229
165°	537	580	537	580	537	152
175°	559	562	559	562	559	53
180°	559	559	559	559	559	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2562.4	2562.4	2576.7	2581.5	2581.5	2574.4	2567.2	2574.4	2596.0	2603.2	2600.8
5°	2552.7	2571.9	2598.4	2603.2	2608.0	2605.6	2600.8	2605.6	2629.7	2634.5	2636.9
7.5°	2533.5	2569.5	2603.2	2610.4	2617.7	2610.4	2608.0	2612.8	2636.9	2641.7	2641.7
10°	2509.4	2559.9	2598.4	2603.2	2610.4	2603.2	2603.2	2612.8	2636.9	2641.7	2644.0
12.5°	2475.8	2545.5	2581.5	2586.4	2596.0	2593.6	2591.2	2600.8	2624.8	2629.7	2629.7
15°	2437.4	2519.1	2552.7	2557.5	2574.4	2569.5	2569.5	2579.2	2605.6	2612.8	2610.4
17.5°	2384.4	2485.4	2523.9	2531.1	2543.1	2540.7	2543.1	2552.7	2576.7	2581.5	2584.0
20°	2324.4	2439.7	2485.4	2492.6	2504.7	2504.7	2504.7	2516.7	2540.7	2550.3	2550.3
22.5°	2242.6	2391.7	2439.7	2444.6	2458.9	2458.9	2463.8	2480.6	2502.2	2504.7	2504.7
25°	2146.5	2338.8	2379.6	2394.1	2408.5	2415.7	2422.9	2432.6	2439.7	2437.4	2439.7
27.5°	2045.5	2271.5	2324.4	2333.9	2353.2	2360.4	2370.1	2372.4	2374.9	2382.1	2377.2
30°	1932.5	2177.8	2257.1	2266.7	2297.9	2302.7	2293.1	2297.9	2309.9	2314.8	2319.6
32.5°	1805.2	2038.3	2187.4	2209.0	2237.8	2223.4	2221.0	2228.2	2247.4	2247.4	2252.3
35°	1632.1	1930.2	2122.5	2141.6	2163.3	2146.5	2156.1	2158.5	2170.6	2177.8	2175.3
37.5°	1442.2	1836.4	2055.1	2069.6	2086.4	2064.8	2079.2	2086.4	2096.0	2091.3	2091.3
40°	1273.9	1689.8	1975.8	1985.5	1999.8	1983.0	1997.5	2002.3	2007.1	2002.3	1999.8
42.5°	1149.0	1528.7	1891.7	1903.7	1894.1	1906.1	1911.0	1920.5	1913.3	1903.7	1903.7
45°	1052.8	1485.4	1800.4	1814.8	1800.4	1819.6	1826.8	1826.8	1805.2	1800.4	1798.0
47.5°	1021.6	1398.9	1709.0	1709.0	1701.8	1725.9	1737.9	1721.0	1699.4	1692.2	1692.2
50°	1019.2	1302.8	1584.0	1574.4	1608.1	1636.9	1624.9	1608.1	1591.2	1564.8	1564.8
52.5°	925.5	1185.0	1422.9	1459.1	1511.9	1528.7	1509.5	1492.7	1463.9	1451.9	1442.2
55°	858.2	1062.5	1276.4	1348.4	1403.8	1425.4	1389.3	1372.6	1329.3	1322.1	1317.2
57.5°	843.7	884.5	1141.8	1233.1	1300.4	1298.0	1276.4	1245.1	1209.1	1201.8	1199.4
60°	774.0	639.4	997.5	1105.7	1175.4	1168.2	1149.0	1120.1	1086.5	1081.6	1076.8
62.5°	701.9	463.9	834.0	956.7	1055.2	1052.8	1036.0	992.7	968.7	956.7	947.0
65°	596.1	389.4	593.7	795.7	937.5	942.2	906.2	875.0	848.5	834.0	831.7
67.5°	454.3	317.3	401.4	663.4	824.5	819.7	774.0	759.5	725.9	718.7	704.2
70°	336.5	211.5	278.8	538.4	713.9	701.9	665.9	649.0	617.7	600.9	591.3
72.5°	278.8	170.6	204.3	418.3	600.9	586.5	555.2	536.0	509.6	495.1	485.6
75°	226.0	180.3	156.3	310.1	487.9	478.4	449.5	430.3	408.6	389.4	391.8
77.5°	165.8	168.3	125.0	228.3	387.0	372.6	355.8	331.7	322.1	302.9	302.9
80°	125.0	132.2	93.8	156.3	278.8	278.8	264.4	247.6	230.8	221.1	221.1
82.5°	84.1	84.1	69.7	98.5	189.9	182.7	173.1	168.3	158.6	153.8	153.8
85°	38.5	48.0	43.3	60.1	103.3	108.2	108.2	103.3	101.0	96.1	98.5
87.5°	12.0	21.6	26.5	33.7	52.8	55.3	57.7	57.7	57.7	60.1	60.1
90°	3.7	6.7	9.7	10.5	16.5	24.5	28.5	25.3	19.0	14.3	14.3
92.5°	15.0	40.5	66.0	72.4	101.8	140.9	160.5	140.6	101.0	71.2	68.4
95°	36.0	82.7	129.4	141.0	250.3	396.1	469.1	418.6	317.6	241.9	233.3
97.5°	62.2	103.3	144.5	154.8	337.2	580.3	702.0	670.0	606.2	558.3	542.0
100°	82.5	119.8	157.1	166.5	368.9	638.7	773.6	775.9	780.6	784.0	764.5
102.5°	99.8	134.6	169.4	178.1	383.3	657.0	793.8	834.5	915.8	976.8	960.1
105°	129.0	158.5	188.0	195.4	394.1	659.1	791.6	882.7	1065.1	1201.8	1192.8
107.5°	159.0	186.5	213.9	220.9	396.1	629.7	746.5	873.7	1128.0	1318.8	1321.0
110°	179.2	204.0	229.0	235.1	393.1	603.7	709.1	851.2	1135.5	1348.7	1358.1

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	199.1	222.8	246.4	252.3	393.2	581.1	675.0	820.4	1111.4	1329.6	1344.0
115°	229.1	251.0	272.8	278.3	396.9	555.1	634.1	774.3	1054.5	1264.8	1284.6
117.5°	258.7	278.5	298.4	303.4	404.2	538.7	605.9	732.4	985.4	1175.2	1197.2
120°	276.0	294.6	313.4	318.0	410.2	533.2	594.7	710.2	941.4	1114.8	1136.1
122.5°	292.8	311.6	330.5	335.2	418.8	530.3	586.1	690.1	898.4	1054.5	1075.6
125°	318.7	335.8	353.0	357.3	430.4	528.0	576.7	665.1	842.0	974.6	994.1
127.5°	339.7	357.0	374.3	378.7	442.1	526.6	568.8	644.8	796.6	910.5	926.8
130°	350.9	369.6	388.3	393.0	450.5	527.4	565.8	633.4	768.6	869.9	885.1
132.5°	362.6	381.2	400.0	404.6	457.5	528.0	563.2	623.7	744.7	835.4	849.0
135°	379.9	396.9	413.8	418.1	464.9	527.4	558.7	609.4	710.7	786.7	798.4
137.5°	397.5	414.3	431.2	435.4	476.2	530.7	558.0	600.8	686.5	750.7	760.3
140°	412.1	427.6	443.1	447.0	483.1	531.2	555.3	592.4	666.3	721.8	730.7
142.5°	423.3	437.6	452.0	455.5	488.8	533.1	555.3	587.8	652.8	701.6	709.3
145°	440.6	453.1	465.6	468.7	496.4	533.2	551.6	578.2	631.4	671.2	677.0
147.5°	457.8	470.0	482.2	485.2	507.3	536.9	551.6	572.5	614.3	645.7	650.5
150°	469.1	480.1	491.1	493.8	513.1	538.8	551.6	569.3	604.6	631.1	635.0
152.5°	480.7	489.1	497.4	499.5	516.9	540.1	551.6	566.7	596.8	619.5	622.5
155°	497.9	504.1	510.3	511.9	525.1	542.8	551.6	563.6	587.5	605.5	607.5
157.5°	510.7	516.7	522.7	524.2	533.3	545.5	551.6	560.9	579.5	593.5	594.9
160°	519.3	524.0	528.7	529.9	537.1	546.8	551.6	559.6	575.5	587.5	588.4
162.5°	528.0	531.5	535.0	535.9	541.1	548.1	551.6	558.3	571.9	582.0	582.7
165°	537.3	540.5	543.6	544.4	546.8	550.0	551.6	556.4	566.1	573.3	574.2
167.5°	546.0	547.4	549.0	549.3	551.3	554.0	555.3	558.5	564.9	569.6	570.0
170°	551.6	553.1	554.6	555.0	555.1	555.2	555.3	558.5	564.9	569.6	569.6
172.5°	554.6	555.0	555.2	555.3	555.3	555.3	555.3	557.9	562.9	566.6	566.3
175°	558.7	558.7	558.7	558.7	557.6	556.1	555.3	556.9	560.1	562.4	562.4
177.5°	558.7	558.7	558.7	558.7	557.8	556.6	556.1	557.3	559.8	561.7	561.3
180°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2605.6	2598.4	2605.6	2600.8	2603.2	2596.0	2574.4	2567.2	2574.4	2581.5	2581.5
5°	2636.9	2632.0	2636.9	2636.9	2634.5	2629.7	2605.6	2600.8	2605.6	2608.0	2603.2
7.5°	2646.5	2639.2	2646.5	2641.7	2641.7	2636.9	2612.8	2608.0	2610.4	2617.7	2610.4
10°	2646.5	2639.2	2646.5	2644.0	2641.7	2636.9	2612.8	2603.2	2603.2	2610.4	2603.2
12.5°	2634.5	2629.7	2634.5	2629.7	2629.7	2624.8	2600.8	2591.2	2593.6	2596.0	2586.4
15°	2615.2	2608.0	2615.2	2610.4	2612.8	2605.6	2579.2	2569.5	2569.5	2574.4	2557.5
17.5°	2586.4	2576.7	2586.4	2584.0	2581.5	2576.7	2552.7	2543.1	2540.7	2543.1	2531.1
20°	2552.7	2545.5	2552.7	2550.3	2550.3	2540.7	2516.7	2504.7	2504.7	2504.7	2492.6
22.5°	2499.9	2492.6	2499.9	2504.7	2504.7	2502.2	2480.6	2463.8	2458.9	2458.9	2444.6
25°	2439.7	2432.6	2439.7	2439.7	2437.4	2439.7	2432.6	2422.9	2415.7	2408.5	2394.1
27.5°	2382.1	2377.2	2382.1	2377.2	2382.1	2374.9	2372.4	2370.1	2360.4	2353.2	2333.9
30°	2324.4	2319.6	2324.4	2319.6	2314.8	2309.9	2297.9	2293.1	2302.7	2297.9	2266.7
32.5°	2252.3	2247.4	2252.3	2252.3	2247.4	2247.4	2228.2	2221.0	2223.4	2237.8	2209.0
35°	2177.8	2170.6	2177.8	2175.3	2177.8	2170.6	2158.5	2156.1	2146.5	2163.3	2141.6
37.5°	2091.3	2084.0	2091.3	2091.3	2091.3	2096.0	2086.4	2079.2	2064.8	2086.4	2069.6
40°	2002.3	1992.7	2002.3	1999.8	2002.3	2007.1	2002.3	1997.5	1983.0	1999.8	1985.5
42.5°	1901.3	1899.0	1901.3	1903.7	1903.7	1913.3	1920.5	1911.0	1906.1	1894.1	1903.7
45°	1793.2	1788.3	1793.2	1798.0	1800.4	1805.2	1826.8	1826.8	1819.6	1800.4	1814.8
47.5°	1677.7	1665.7	1677.7	1692.2	1692.2	1699.4	1721.0	1737.9	1725.9	1701.8	1709.0
50°	1555.2	1557.6	1555.2	1564.8	1564.8	1591.2	1608.1	1624.9	1636.9	1608.1	1574.4
52.5°	1435.0	1432.6	1435.0	1442.2	1451.9	1463.9	1492.7	1509.5	1528.7	1511.9	1459.1
55°	1314.8	1319.6	1314.8	1317.2	1322.1	1329.3	1372.6	1389.3	1425.4	1403.8	1348.4
57.5°	1194.6	1187.4	1194.6	1199.4	1201.8	1209.1	1245.1	1276.4	1298.0	1300.4	1233.1
60°	1055.2	1045.6	1055.2	1076.8	1081.6	1086.5	1120.1	1149.0	1168.2	1175.4	1105.7
62.5°	932.7	915.8	932.7	947.0	956.7	968.7	992.7	1036.0	1052.8	1055.2	956.7
65°	802.8	795.7	802.8	831.7	834.0	848.5	875.0	906.2	942.2	937.5	795.7
67.5°	685.0	685.0	685.0	704.2	718.7	725.9	759.5	774.0	819.7	824.5	663.4
70°	576.9	574.5	576.9	591.3	600.9	617.7	649.0	665.9	701.9	713.9	538.4
72.5°	473.6	471.1	473.6	485.6	495.1	509.6	536.0	555.2	586.5	600.9	418.3
75°	382.2	377.4	382.2	391.8	389.4	408.6	430.3	449.5	478.4	487.9	310.1
77.5°	293.3	293.3	293.3	302.9	302.9	322.1	331.7	355.8	372.6	387.0	228.3
80°	218.8	216.3	218.8	221.1	221.1	230.8	247.6	264.4	278.8	278.8	156.3
82.5°	153.8	149.0	153.8	153.8	153.8	158.6	168.3	173.1	182.7	189.9	98.5
85°	96.1	96.1	96.1	98.5	96.1	101.0	103.3	108.2	108.2	103.3	60.1
87.5°	62.5	60.1	62.5	60.1	60.1	57.7	57.7	57.7	55.3	52.8	33.7
90°	14.3	14.3	14.3	14.3	14.3	19.0	25.3	28.5	24.5	16.5	10.5
92.5°	57.0	45.8	57.0	68.4	71.2	101.0	140.6	160.5	140.9	101.8	72.4
95°	198.9	164.6	198.9	233.3	241.9	317.6	418.6	469.1	396.1	250.3	141.0
97.5°	476.6	411.3	476.6	542.0	558.3	606.2	670.0	702.0	580.3	337.2	154.8
100°	686.8	608.9	686.8	764.5	784.0	780.6	775.9	773.6	638.7	368.9	166.5
102.5°	893.4	826.8	893.4	960.1	976.8	915.8	834.5	793.8	657.0	383.3	178.1
105°	1157.0	1121.1	1157.0	1192.8	1201.8	1065.1	882.7	791.6	659.1	394.1	195.4
107.5°	1329.6	1338.3	1329.6	1321.0	1318.8	1128.0	873.7	746.5	629.7	396.1	220.9
110°	1395.4	1432.8	1395.4	1358.1	1348.7	1135.5	851.2	709.1	603.7	393.1	235.1

TEST NUMBER: P934446

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1401.3	1458.6	1401.3	1344.0	1329.6	1111.4	820.4	675.0	581.1	393.2	252.3
115°	1364.1	1443.6	1364.1	1284.6	1264.8	1054.5	774.3	634.1	555.1	396.9	278.3
117.5°	1285.4	1373.6	1285.4	1197.2	1175.2	985.4	732.4	605.9	538.7	404.2	303.4
120°	1221.8	1307.5	1221.8	1136.1	1114.8	941.4	710.2	594.7	533.2	410.2	318.0
122.5°	1160.1	1244.6	1160.1	1075.6	1054.5	898.4	690.1	586.1	530.3	418.8	335.2
125°	1071.8	1149.7	1071.8	994.1	974.6	842.0	665.1	576.7	528.0	430.4	357.3
127.5°	992.5	1058.2	992.5	926.8	910.5	796.6	644.8	568.8	526.6	442.1	378.7
130°	945.7	1006.4	945.7	885.1	869.9	768.6	633.4	565.8	527.4	450.5	393.0
132.5°	903.4	957.7	903.4	849.0	835.4	744.7	623.7	563.2	528.0	457.5	404.6
135°	845.2	892.1	845.2	798.4	786.7	710.7	609.4	558.7	527.4	464.9	418.1
137.5°	798.7	837.0	798.7	760.3	750.7	686.5	600.8	558.0	530.7	476.2	435.4
140°	766.6	802.4	766.6	730.7	721.8	666.3	592.4	555.3	531.2	483.1	447.0
142.5°	740.1	770.9	740.1	709.3	701.6	652.8	587.8	555.3	533.1	488.8	455.5
145°	700.4	723.7	700.4	677.0	671.2	631.4	578.2	551.6	533.2	496.4	468.7
147.5°	669.9	689.2	669.9	650.5	645.7	614.3	572.5	551.6	536.9	507.3	485.2
150°	650.7	666.3	650.7	635.0	631.1	604.6	569.3	551.6	538.8	513.1	493.8
152.5°	634.3	646.1	634.3	622.5	619.5	596.8	566.7	551.6	540.1	516.9	499.5
155°	615.4	623.2	615.4	607.5	605.5	587.5	563.6	551.6	542.8	525.1	511.9
157.5°	600.5	605.9	600.5	594.9	593.5	579.5	560.9	551.6	545.5	533.3	524.2
160°	591.5	594.7	591.5	588.4	587.5	575.5	559.6	551.6	546.8	537.1	529.9
162.5°	585.7	588.7	585.7	582.7	582.0	571.9	558.3	551.6	548.1	541.1	535.9
165°	577.3	580.4	577.3	574.2	573.3	566.1	556.4	551.6	550.0	546.8	544.4
167.5°	571.3	572.6	571.3	570.0	569.6	564.9	558.5	555.3	554.0	551.3	549.3
170°	569.6	569.6	569.6	569.6	569.6	564.9	558.5	555.3	555.2	555.1	555.0
172.5°	565.2	564.0	565.2	566.3	566.6	562.9	557.9	555.3	555.3	555.3	555.3
175°	562.4	562.4	562.4	562.4	562.4	560.1	556.9	555.3	556.1	557.6	558.7
177.5°	560.1	558.7	560.1	561.3	561.7	559.8	557.3	556.1	556.6	557.8	558.7
180°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7

TEST NUMBER: P934446

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2576.7	2562.4	2562.4	2538.3	2528.7	2521.5	2509.4	2473.4	2463.8	2454.2	2468.6
5°	2598.4	2571.9	2552.7	2509.4	2473.4	2458.9	2413.3	2326.8	2269.1	2225.8	2201.8
7.5°	2603.2	2569.5	2533.5	2466.2	2379.6	2341.2	2201.8	2043.1	1999.8	1961.5	1937.3
10°	2598.4	2559.9	2509.4	2408.5	2204.1	2136.9	1997.5	1894.1	1867.7	1860.5	1867.7
12.5°	2581.5	2545.5	2475.8	2307.6	2021.5	1975.8	1894.1	1834.0	1829.2	1841.2	1906.1
15°	2552.7	2519.1	2437.4	2172.9	1920.5	1886.9	1829.2	1807.5	1834.0	1918.2	2112.8
17.5°	2523.9	2485.4	2384.4	2040.8	1843.7	1819.6	1778.7	1822.0	1971.0	2084.0	2148.9
20°	2485.4	2439.7	2324.4	1944.6	1788.3	1766.7	1747.5	1942.2	2055.1	2096.0	2132.1
22.5°	2439.7	2391.7	2242.6	1877.3	1730.7	1713.8	1725.9	2009.5	2055.1	2084.0	2115.3
25°	2379.6	2338.8	2146.5	1824.4	1685.0	1665.7	1711.4	2002.3	2028.7	2035.9	2098.4
27.5°	2324.4	2271.5	2045.5	1776.3	1629.7	1622.5	1723.5	1971.0	1990.3	1997.5	2064.8
30°	2257.1	2177.8	1932.5	1725.9	1572.0	1569.6	1725.9	1932.5	1927.8	1947.0	2014.3
32.5°	2187.4	2038.3	1805.2	1663.4	1516.7	1514.4	1709.0	1874.9	1870.0	1896.5	1947.0
35°	2122.5	1930.2	1632.1	1591.2	1447.1	1449.4	1668.2	1807.5	1810.0	1834.0	1865.3
37.5°	2055.1	1836.4	1442.2	1511.9	1379.7	1379.7	1612.9	1745.0	1740.3	1747.5	1790.7
40°	1975.8	1689.8	1273.9	1408.6	1317.2	1310.0	1545.6	1677.7	1660.9	1658.5	1718.7
42.5°	1891.7	1528.7	1149.0	1271.6	1245.1	1235.5	1463.9	1596.0	1564.8	1572.0	1648.9
45°	1800.4	1485.4	1052.8	1074.5	1170.6	1163.4	1374.9	1502.3	1480.7	1499.9	1579.2
47.5°	1709.0	1398.9	1021.6	891.8	1091.3	1088.8	1276.4	1410.9	1398.9	1418.2	1502.3
50°	1584.0	1302.8	1019.2	764.4	1002.3	1012.0	1158.6	1322.1	1322.1	1338.9	1427.8
52.5°	1422.9	1185.0	925.5	692.2	899.0	927.8	1055.2	1245.1	1249.9	1266.8	1346.1
55°	1276.4	1062.5	858.2	637.0	776.4	838.9	954.3	1165.8	1175.4	1192.3	1264.3
57.5°	1141.8	884.5	843.7	572.1	663.4	723.5	865.3	1088.8	1093.7	1108.1	1177.8
60°	997.5	639.4	774.0	502.4	564.9	610.5	783.6	997.5	1014.3	1024.0	1084.1
62.5°	834.0	463.9	701.9	454.3	516.8	526.4	716.3	911.0	932.7	939.8	975.9
65°	593.7	389.4	596.1	413.4	466.3	468.7	644.2	822.0	841.3	853.3	879.7
67.5°	401.4	317.3	454.3	375.0	427.9	430.3	574.5	718.7	745.2	754.7	771.6
70°	278.8	211.5	336.5	334.1	384.6	389.4	499.9	624.9	649.0	656.2	665.9
72.5°	204.3	170.6	278.8	300.5	338.9	343.8	423.1	519.2	543.2	550.4	555.2
75°	156.3	180.3	226.0	262.0	288.4	290.8	346.1	423.1	439.9	444.7	447.1
77.5°	125.0	168.3	165.8	211.5	235.6	230.8	271.6	326.9	341.3	341.3	341.3
80°	93.8	132.2	125.0	151.5	173.1	168.3	194.7	233.1	238.0	242.8	240.3
82.5°	69.7	84.1	84.1	96.1	115.3	110.6	129.8	151.5	151.5	151.5	156.3
85°	43.3	48.0	38.5	50.5	64.9	62.5	72.1	81.7	84.1	84.1	79.3
87.5°	26.5	21.6	12.0	19.2	28.8	28.8	33.7	36.0	33.7	33.7	33.7
90°	9.7	6.7	3.7	6.7	9.7	10.5	16.5	24.5	28.5	25.3	19.0
92.5°	66.0	40.5	15.0	40.5	66.0	72.4	101.8	140.9	160.5	140.6	101.0
95°	129.4	82.7	36.0	82.7	129.4	141.0	250.3	396.1	469.1	418.6	317.6
97.5°	144.5	103.3	62.2	103.3	144.5	154.8	337.2	580.3	702.0	670.0	606.2
100°	157.1	119.8	82.5	119.8	157.1	166.5	368.9	638.7	773.6	775.9	780.6
102.5°	169.4	134.6	99.8	134.6	169.4	178.1	383.3	657.0	793.8	834.5	915.8
105°	188.0	158.5	129.0	158.5	188.0	195.4	394.1	659.1	791.6	882.7	1065.1
107.5°	213.9	186.5	159.0	186.5	213.9	220.9	396.1	629.7	746.5	873.7	1128.0
110°	229.0	204.0	179.2	204.0	229.0	235.1	393.1	603.7	709.1	851.2	1135.5

TEST NUMBER: P934446

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	246.4	222.8	199.1	222.8	246.4	252.3	393.2	581.1	675.0	820.4	1111.4
115°	272.8	251.0	229.1	251.0	272.8	278.3	396.9	555.1	634.1	774.3	1054.5
117.5°	298.4	278.5	258.7	278.5	298.4	303.4	404.2	538.7	605.9	732.4	985.4
120°	313.4	294.6	276.0	294.6	313.4	318.0	410.2	533.2	594.7	710.2	941.4
122.5°	330.5	311.6	292.8	311.6	330.5	335.2	418.8	530.3	586.1	690.1	898.4
125°	353.0	335.8	318.7	335.8	353.0	357.3	430.4	528.0	576.7	665.1	842.0
127.5°	374.3	357.0	339.7	357.0	374.3	378.7	442.1	526.6	568.8	644.8	796.6
130°	388.3	369.6	350.9	369.6	388.3	393.0	450.5	527.4	565.8	633.4	768.6
132.5°	400.0	381.2	362.6	381.2	400.0	404.6	457.5	528.0	563.2	623.7	744.7
135°	413.8	396.9	379.9	396.9	413.8	418.1	464.9	527.4	558.7	609.4	710.7
137.5°	431.2	414.3	397.5	414.3	431.2	435.4	476.2	530.7	558.0	600.8	686.5
140°	443.1	427.6	412.1	427.6	443.1	447.0	483.1	531.2	555.3	592.4	666.3
142.5°	452.0	437.6	423.3	437.6	452.0	455.5	488.8	533.1	555.3	587.8	652.8
145°	465.6	453.1	440.6	453.1	465.6	468.7	496.4	533.2	551.6	578.2	631.4
147.5°	482.2	470.0	457.8	470.0	482.2	485.2	507.3	536.9	551.6	572.5	614.3
150°	491.1	480.1	469.1	480.1	491.1	493.8	513.1	538.8	551.6	569.3	604.6
152.5°	497.4	489.1	480.7	489.1	497.4	499.5	516.9	540.1	551.6	566.7	596.8
155°	510.3	504.1	497.9	504.1	510.3	511.9	525.1	542.8	551.6	563.6	587.5
157.5°	522.7	516.7	510.7	516.7	522.7	524.2	533.3	545.5	551.6	560.9	579.5
160°	528.7	524.0	519.3	524.0	528.7	529.9	537.1	546.8	551.6	559.6	575.5
162.5°	535.0	531.5	528.0	531.5	535.0	535.9	541.1	548.1	551.6	558.3	571.9
165°	543.6	540.5	537.3	540.5	543.6	544.4	546.8	550.0	551.6	556.4	566.1
167.5°	549.0	547.4	546.0	547.4	549.0	549.3	551.3	554.0	555.3	558.5	564.9
170°	554.6	553.1	551.6	553.1	554.6	555.0	555.1	555.2	555.3	558.5	564.9
172.5°	555.2	555.0	554.6	555.0	555.2	555.3	555.3	555.3	555.3	557.9	562.9
175°	558.7	558.7	558.7	558.7	558.7	558.7	557.6	556.1	555.3	556.9	560.1
177.5°	558.7	558.7	558.7	558.7	558.7	558.7	557.8	556.6	556.1	557.3	559.8
180°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7

TEST NUMBER: P934446

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2451.7	2444.6	2454.2	2427.7	2454.2	2444.6	2451.7	2468.6	2454.2	2463.8	2473.4
5°	2151.3	2139.3	2100.8	2069.6	2100.8	2139.3	2151.3	2201.8	2225.8	2269.1	2326.8
7.5°	1923.0	1913.3	1903.7	1884.5	1903.7	1913.3	1923.0	1937.3	1961.5	1999.8	2043.1
10°	1872.5	1874.9	1889.3	1886.9	1889.3	1874.9	1872.5	1867.7	1860.5	1867.7	1894.1
12.5°	2002.3	2023.9	2103.3	2098.4	2103.3	2023.9	2002.3	1906.1	1841.2	1829.2	1834.0
15°	2151.3	2158.5	2175.3	2177.8	2175.3	2158.5	2151.3	2112.8	1918.2	1834.0	1807.5
17.5°	2165.8	2168.1	2180.1	2180.1	2180.1	2168.1	2165.8	2148.9	2084.0	1971.0	1822.0
20°	2153.7	2158.5	2182.6	2187.4	2182.6	2158.5	2153.7	2132.1	2096.0	2055.1	1942.2
22.5°	2148.9	2158.5	2177.8	2175.3	2177.8	2158.5	2148.9	2115.3	2084.0	2055.1	2009.5
25°	2124.8	2124.8	2127.3	2129.6	2127.3	2124.8	2124.8	2098.4	2035.9	2028.7	2002.3
27.5°	2074.4	2079.2	2093.6	2091.3	2093.6	2079.2	2074.4	2064.8	1997.5	1990.3	1971.0
30°	2028.7	2023.9	2011.8	2002.3	2011.8	2023.9	2028.7	2014.3	1947.0	1927.8	1932.5
32.5°	1951.8	1939.8	1927.8	1920.5	1927.8	1939.8	1951.8	1947.0	1896.5	1870.0	1874.9
35°	1860.5	1862.8	1860.5	1853.2	1860.5	1862.8	1860.5	1865.3	1834.0	1810.0	1807.5
37.5°	1795.5	1800.4	1798.0	1788.3	1798.0	1800.4	1795.5	1790.7	1747.5	1740.3	1745.0
40°	1728.2	1730.7	1728.2	1721.0	1728.2	1730.7	1728.2	1718.7	1658.5	1660.9	1677.7
42.5°	1663.4	1660.9	1653.7	1648.9	1653.7	1660.9	1663.4	1648.9	1572.0	1564.8	1596.0
45°	1588.9	1591.2	1576.9	1569.6	1576.9	1591.2	1588.9	1579.2	1499.9	1480.7	1502.3
47.5°	1514.4	1514.4	1502.3	1495.1	1502.3	1514.4	1514.4	1502.3	1418.2	1398.9	1410.9
50°	1435.0	1432.6	1415.8	1413.4	1415.8	1432.6	1435.0	1427.8	1338.9	1322.1	1322.1
52.5°	1343.6	1343.6	1346.1	1350.9	1346.1	1343.6	1343.6	1346.1	1266.8	1249.9	1245.1
55°	1264.3	1266.8	1283.6	1288.4	1283.6	1266.8	1264.3	1264.3	1192.3	1175.4	1165.8
57.5°	1182.6	1182.6	1194.6	1194.6	1194.6	1182.6	1182.6	1177.8	1108.1	1093.7	1088.8
60°	1088.8	1093.7	1103.3	1100.9	1103.3	1093.7	1088.8	1084.1	1024.0	1014.3	997.5
62.5°	990.3	995.1	997.5	992.7	997.5	995.1	990.3	975.9	939.8	932.7	911.0
65°	887.0	891.8	894.2	889.4	894.2	891.8	887.0	879.7	853.3	841.3	822.0
67.5°	781.2	778.8	776.4	786.0	776.4	778.8	781.2	771.6	754.7	745.2	718.7
70°	673.0	673.0	670.6	675.4	670.6	673.0	673.0	665.9	656.2	649.0	624.9
72.5°	557.7	555.2	564.9	557.7	564.9	555.2	557.7	555.2	550.4	543.2	519.2
75°	444.7	449.5	444.7	451.9	444.7	449.5	444.7	447.1	444.7	439.9	423.1
77.5°	338.9	343.8	338.9	338.9	338.9	343.8	338.9	341.3	341.3	341.3	326.9
80°	240.3	238.0	238.0	235.6	238.0	238.0	240.3	240.3	242.8	238.0	233.1
82.5°	153.8	151.5	151.5	156.3	151.5	151.5	153.8	156.3	151.5	151.5	151.5
85°	84.1	86.5	81.7	81.7	81.7	86.5	84.1	79.3	84.1	84.1	81.7
87.5°	31.3	28.8	28.8	28.8	28.8	28.8	31.3	33.7	33.7	33.7	36.0
90°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	19.0	25.3	28.5	24.5
92.5°	71.2	68.4	57.0	45.8	57.0	68.4	71.2	101.0	140.6	160.5	140.9
95°	241.9	233.3	198.9	164.6	198.9	233.3	241.9	317.6	418.6	469.1	396.1
97.5°	558.3	542.0	476.6	411.3	476.6	542.0	558.3	606.2	670.0	702.0	580.3
100°	784.0	764.5	686.8	608.9	686.8	764.5	784.0	780.6	775.9	773.6	638.7
102.5°	976.8	960.1	893.4	826.8	893.4	960.1	976.8	915.8	834.5	793.8	657.0
105°	1201.8	1192.8	1157.0	1121.1	1157.0	1192.8	1201.8	1065.1	882.7	791.6	659.1
107.5°	1318.8	1321.0	1329.6	1338.3	1329.6	1321.0	1318.8	1128.0	873.7	746.5	629.7
110°	1348.7	1358.1	1395.4	1432.8	1395.4	1358.1	1348.7	1135.5	851.2	709.1	603.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1329.6	1344.0	1401.3	1458.6	1401.3	1344.0	1329.6	1111.4	820.4	675.0	581.1
115°	1264.8	1284.6	1364.1	1443.6	1364.1	1284.6	1264.8	1054.5	774.3	634.1	555.1
117.5°	1175.2	1197.2	1285.4	1373.6	1285.4	1197.2	1175.2	985.4	732.4	605.9	538.7
120°	1114.8	1136.1	1221.8	1307.5	1221.8	1136.1	1114.8	941.4	710.2	594.7	533.2
122.5°	1054.5	1075.6	1160.1	1244.6	1160.1	1075.6	1054.5	898.4	690.1	586.1	530.3
125°	974.6	994.1	1071.8	1149.7	1071.8	994.1	974.6	842.0	665.1	576.7	528.0
127.5°	910.5	926.8	992.5	1058.2	992.5	926.8	910.5	796.6	644.8	568.8	526.6
130°	869.9	885.1	945.7	1006.4	945.7	885.1	869.9	768.6	633.4	565.8	527.4
132.5°	835.4	849.0	903.4	957.7	903.4	849.0	835.4	744.7	623.7	563.2	528.0
135°	786.7	798.4	845.2	892.1	845.2	798.4	786.7	710.7	609.4	558.7	527.4
137.5°	750.7	760.3	798.7	837.0	798.7	760.3	750.7	686.5	600.8	558.0	530.7
140°	721.8	730.7	766.6	802.4	766.6	730.7	721.8	666.3	592.4	555.3	531.2
142.5°	701.6	709.3	740.1	770.9	740.1	709.3	701.6	652.8	587.8	555.3	533.1
145°	671.2	677.0	700.4	723.7	700.4	677.0	671.2	631.4	578.2	551.6	533.2
147.5°	645.7	650.5	669.9	689.2	669.9	650.5	645.7	614.3	572.5	551.6	536.9
150°	631.1	635.0	650.7	666.3	650.7	635.0	631.1	604.6	569.3	551.6	538.8
152.5°	619.5	622.5	634.3	646.1	634.3	622.5	619.5	596.8	566.7	551.6	540.1
155°	605.5	607.5	615.4	623.2	615.4	607.5	605.5	587.5	563.6	551.6	542.8
157.5°	593.5	594.9	600.5	605.9	600.5	594.9	593.5	579.5	560.9	551.6	545.5
160°	587.5	588.4	591.5	594.7	591.5	588.4	587.5	575.5	559.6	551.6	546.8
162.5°	582.0	582.7	585.7	588.7	585.7	582.7	582.0	571.9	558.3	551.6	548.1
165°	573.3	574.2	577.3	580.4	577.3	574.2	573.3	566.1	556.4	551.6	550.0
167.5°	569.6	570.0	571.3	572.6	571.3	570.0	569.6	564.9	558.5	555.3	554.0
170°	569.6	569.6	569.6	569.6	569.6	569.6	569.6	564.9	558.5	555.3	555.2
172.5°	566.6	566.3	565.2	564.0	565.2	566.3	566.6	562.9	557.9	555.3	555.3
175°	562.4	562.4	562.4	562.4	562.4	562.4	562.4	560.1	556.9	555.3	556.1
177.5°	561.7	561.3	560.1	558.7	560.1	561.3	561.7	559.8	557.3	556.1	556.6
180°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2540.7	2540.7	2540.7	2540.7	2540.7
2.5°	2509.4	2521.5	2528.7	2538.3	2562.4
5°	2413.3	2458.9	2473.4	2509.4	2552.7
7.5°	2201.8	2341.2	2379.6	2466.2	2533.5
10°	1997.5	2136.9	2204.1	2408.5	2509.4
12.5°	1894.1	1975.8	2021.5	2307.6	2475.8
15°	1829.2	1886.9	1920.5	2172.9	2437.4
17.5°	1778.7	1819.6	1843.7	2040.8	2384.4
20°	1747.5	1766.7	1788.3	1944.6	2324.4
22.5°	1725.9	1713.8	1730.7	1877.3	2242.6
25°	1711.4	1665.7	1685.0	1824.4	2146.5
27.5°	1723.5	1622.5	1629.7	1776.3	2045.5
30°	1725.9	1569.6	1572.0	1725.9	1932.5
32.5°	1709.0	1514.4	1516.7	1663.4	1805.2
35°	1668.2	1449.4	1447.1	1591.2	1632.1
37.5°	1612.9	1379.7	1379.7	1511.9	1442.2
40°	1545.6	1310.0	1317.2	1408.6	1273.9
42.5°	1463.9	1235.5	1245.1	1271.6	1149.0
45°	1374.9	1163.4	1170.6	1074.5	1052.8
47.5°	1276.4	1088.8	1091.3	891.8	1021.6
50°	1158.6	1012.0	1002.3	764.4	1019.2
52.5°	1055.2	927.8	899.0	692.2	925.5
55°	954.3	838.9	776.4	637.0	858.2
57.5°	865.3	723.5	663.4	572.1	843.7
60°	783.6	610.5	564.9	502.4	774.0
62.5°	716.3	526.4	516.8	454.3	701.9
65°	644.2	468.7	466.3	413.4	596.1
67.5°	574.5	430.3	427.9	375.0	454.3
70°	499.9	389.4	384.6	334.1	336.5
72.5°	423.1	343.8	338.9	300.5	278.8
75°	346.1	290.8	288.4	262.0	226.0
77.5°	271.6	230.8	235.6	211.5	165.8
80°	194.7	168.3	173.1	151.5	125.0
82.5°	129.8	110.6	115.3	96.1	84.1
85°	72.1	62.5	64.9	50.5	38.5
87.5°	33.7	28.8	28.8	19.2	12.0
90°	16.5	10.5	9.7	6.7	3.7
92.5°	101.8	72.4	66.0	40.5	15.0
95°	250.3	141.0	129.4	82.7	36.0
97.5°	337.2	154.8	144.5	103.3	62.2
100°	368.9	166.5	157.1	119.8	82.5
102.5°	383.3	178.1	169.4	134.6	99.8
105°	394.1	195.4	188.0	158.5	129.0
107.5°	396.1	220.9	213.9	186.5	159.0
110°	393.1	235.1	229.0	204.0	179.2

TEST NUMBER: P934446

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	393.2	252.3	246.4	222.8	199.1
115°	396.9	278.3	272.8	251.0	229.1
117.5°	404.2	303.4	298.4	278.5	258.7
120°	410.2	318.0	313.4	294.6	276.0
122.5°	418.8	335.2	330.5	311.6	292.8
125°	430.4	357.3	353.0	335.8	318.7
127.5°	442.1	378.7	374.3	357.0	339.7
130°	450.5	393.0	388.3	369.6	350.9
132.5°	457.5	404.6	400.0	381.2	362.6
135°	464.9	418.1	413.8	396.9	379.9
137.5°	476.2	435.4	431.2	414.3	397.5
140°	483.1	447.0	443.1	427.6	412.1
142.5°	488.8	455.5	452.0	437.6	423.3
145°	496.4	468.7	465.6	453.1	440.6
147.5°	507.3	485.2	482.2	470.0	457.8
150°	513.1	493.8	491.1	480.1	469.1
152.5°	516.9	499.5	497.4	489.1	480.7
155°	525.1	511.9	510.3	504.1	497.9
157.5°	533.3	524.2	522.7	516.7	510.7
160°	537.1	529.9	528.7	524.0	519.3
162.5°	541.1	535.9	535.0	531.5	528.0
165°	546.8	544.4	543.6	540.5	537.3
167.5°	551.3	549.3	549.0	547.4	546.0
170°	555.1	555.0	554.6	553.1	551.6
172.5°	555.3	555.3	555.2	555.0	554.6
175°	557.6	558.7	558.7	558.7	558.7
177.5°	557.8	558.7	558.7	558.7	558.7
180°	558.7	558.7	558.7	558.7	558.7

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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	14.62	15.63	15.44	16.48	17.52	17.46	18.47	18.28	19.31	20.36
	3H	15.11	16.02	15.94	16.87	17.94	18.82	19.72	19.65	20.58	21.65
	4H	15.31	16.16	16.16	17.02	18.11	19.27	20.13	20.12	20.99	22.07
	6H	15.43	16.22	16.30	17.09	18.19	19.57	20.35	20.43	21.22	22.32
	8H	15.44	16.19	16.31	17.08	18.18	19.65	20.40	20.52	21.28	22.38
	12H	15.42	16.13	16.29	17.01	18.14	19.69	20.41	20.57	21.29	22.41
4H	2H	15.67	16.53	16.53	17.39	18.48	17.89	18.74	18.74	19.60	20.69
	3H	16.71	17.43	17.58	18.32	19.42	19.41	20.12	20.28	21.01	22.12
	4H	17.00	17.65	17.88	18.54	19.66	19.94	20.59	20.82	21.48	22.61
	6H	17.13	17.69	18.03	18.61	19.74	20.32	20.88	21.21	21.79	22.92
	8H	17.14	17.66	18.04	18.57	19.72	20.43	20.95	21.33	21.86	23.01
	12H	17.11	17.59	18.03	18.51	19.66	20.50	20.97	21.41	21.90	23.04
8H	4H	17.46	17.99	18.36	18.90	20.04	20.08	20.60	20.98	21.51	22.66
	6H	17.73	18.16	18.66	19.12	20.26	20.52	20.96	21.45	21.91	23.05
	8H	17.78	18.16	18.71	19.10	20.26	20.68	21.06	21.61	22.01	23.17
	12H	17.77	18.10	18.70	19.04	20.25	20.79	21.12	21.72	22.06	23.27
12H	4H	17.48	17.95	18.40	18.88	20.03	20.05	20.52	20.97	21.45	22.60
	6H	17.79	18.18	18.73	19.12	20.28	20.52	20.91	21.46	21.85	23.01
	8H	17.87	18.21	18.81	19.14	20.35	20.69	21.03	21.63	21.97	23.18

END OF REPORT