

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: P934940

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934940
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

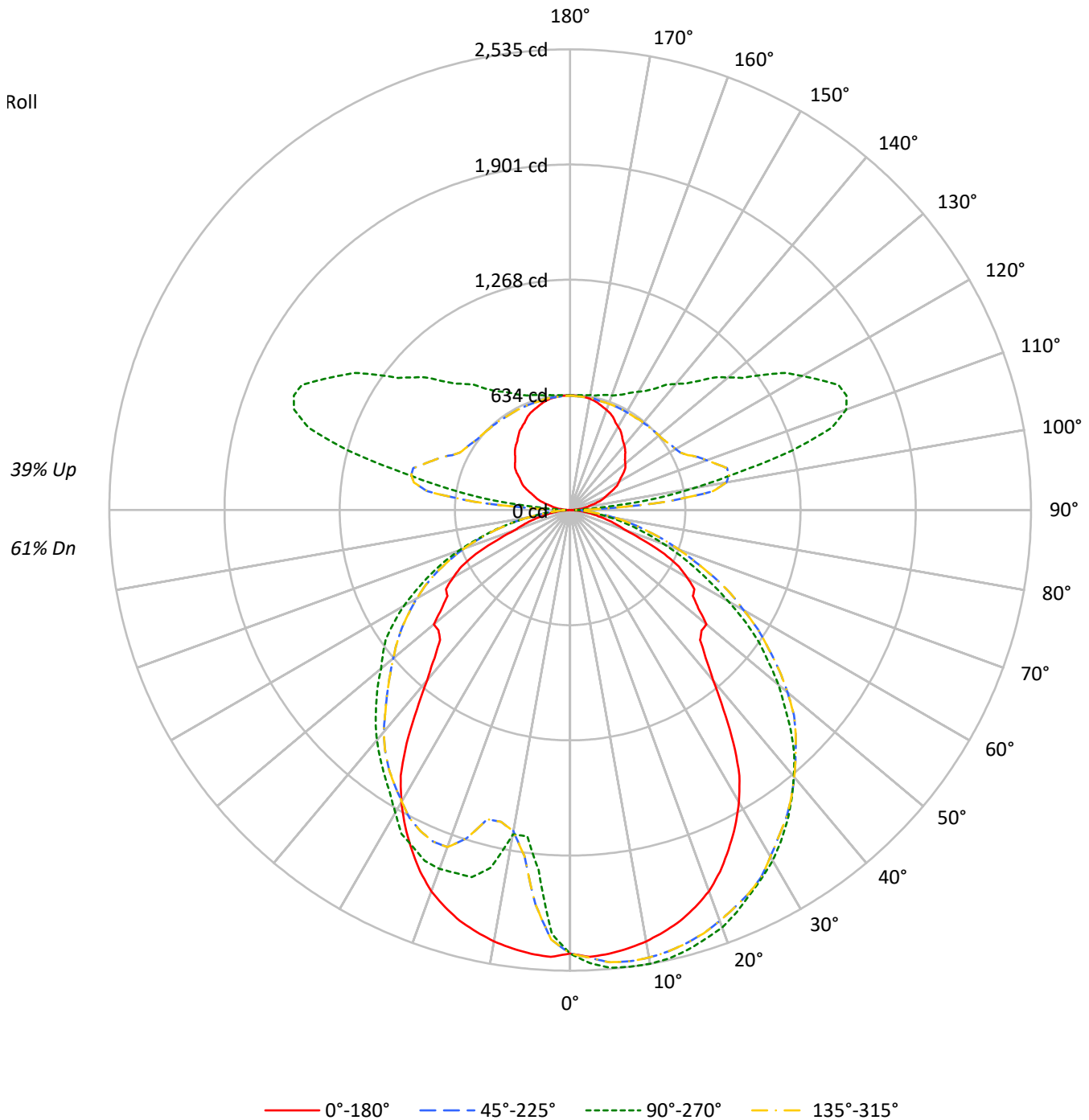
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10415.3 lumens
Efficiency: N/A
Efficacy: 112.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 93
Input Voltage (V): NR
Input Current (A_{in}): 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





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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
RCR																				
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	15

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	2.1
10°-20°	625.5	6.0
20°-30°	966.8	9.3
30°-40°	1154.2	11.1
40°-50°	1161.0	11.1
50°-60°	1010.2	9.7
60°-70°	716.2	6.9
70°-80°	378.9	3.6
80°-90°	96.8	0.9
90°-100°	307.2	2.9
100°-110°	807.7	7.8
110°-120°	837.4	8.0
120°-130°	671.8	6.4
130°-140°	527.1	5.1
140°-150°	404.6	3.9
150°-160°	291.3	2.8
160°-170°	178.3	1.7
170°-180°	60.2	0.6
0°-30°	1812.6	17.4
0°-40°	2966.8	28.5
0°-60°	5137.9	49.3
0°-90°	6329.8	60.8
90°-120°	1952.3	18.7
90°-150°	3555.7	34.1
90°-180°	4086.0	39.2
0°-180°	10415.3	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°	4	16	4	16	4	5
95°	41	186	41	186	41	45
105°	146	1265	146	1265	146	154
115°	258	1628	258	1628	258	255
125°	360	1297	360	1297	360	319
135°	428	1006	428	1006	428	331
145°	497	816	497	816	497	311
155°	562	703	562	703	562	258
165°	606	655	606	655	606	171
175°	630	634	630	634	630	60
180°	630	630	630	630	630	



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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°	4.2	7.5	11.0	11.8	18.6	27.6	32.1	28.6	21.5	16.1	16.1
92.5°	16.9	45.7	74.4	81.6	114.7	158.9	181.0	158.6	113.9	80.3	77.1
95°	40.6	93.2	145.8	159.0	282.4	446.9	529.1	472.2	358.2	272.8	263.2
97.5°	70.2	116.6	163.0	174.7	380.4	654.7	791.8	755.8	683.9	629.8	611.4
100°	93.1	135.2	177.3	187.8	416.1	720.4	872.6	875.3	880.5	884.4	862.5
102.5°	112.5	151.8	191.1	200.9	432.4	741.1	895.4	941.3	1033.1	1101.8	1083.0
105°	145.5	178.8	212.1	220.4	444.5	743.4	892.9	995.7	1201.4	1355.6	1345.5
107.5°	179.4	210.4	241.4	249.1	446.8	710.3	842.1	985.6	1272.5	1487.6	1490.1
110°	202.2	230.2	258.2	265.2	443.4	681.0	799.8	960.2	1281.0	1521.5	1532.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	224.6	251.2	278.0	284.6	443.5	655.4	761.4	925.5	1253.7	1499.8	1516.0
115°	258.4	283.1	307.6	313.8	447.6	626.0	715.2	873.3	1189.5	1426.7	1449.1
117.5°	291.8	314.2	336.6	342.2	456.0	607.6	683.5	826.2	1111.6	1325.6	1350.4
120°	311.3	332.4	353.4	358.7	462.7	601.5	670.9	801.2	1061.9	1257.5	1281.7
122.5°	330.4	351.6	372.9	378.1	472.5	598.3	661.1	778.5	1013.2	1189.4	1213.2
125°	359.5	378.9	398.2	403.1	485.6	595.5	650.6	750.3	949.8	1099.3	1121.2
127.5°	383.2	402.8	422.3	427.2	498.7	594.0	641.7	727.3	898.5	1027.0	1045.5
130°	395.9	417.0	438.0	443.3	508.3	595.0	638.3	714.5	867.0	981.3	998.4
132.5°	409.0	430.1	451.1	456.4	516.0	595.5	635.3	703.5	840.0	942.4	957.7
135°	428.4	447.6	466.8	471.6	524.5	595.0	630.2	687.3	801.7	887.4	900.5
137.5°	448.4	467.3	486.3	491.0	537.1	598.6	629.4	677.7	774.3	846.8	857.6
140°	464.8	482.3	499.8	504.2	545.0	599.3	626.4	668.1	751.6	814.2	824.3
142.5°	477.6	493.8	509.9	513.9	551.4	601.4	626.4	663.0	736.4	791.4	800.1
145°	497.0	511.1	525.1	528.7	559.9	601.5	622.2	652.2	712.2	757.1	763.6
147.5°	516.4	530.1	543.9	547.3	572.3	605.5	622.2	645.8	693.0	728.3	733.8
150°	529.1	541.5	554.0	557.1	578.8	607.7	622.2	642.1	682.0	711.9	716.3
152.5°	542.2	551.7	561.1	563.4	583.0	609.1	622.2	639.2	673.2	698.8	702.1
155°	561.7	568.6	575.6	577.3	592.3	612.2	622.2	635.7	662.9	683.1	685.3
157.5°	576.1	582.9	589.6	591.4	601.6	615.4	622.2	632.7	653.8	669.6	671.1
160°	585.8	591.1	596.4	597.6	605.8	616.7	622.2	631.2	649.2	662.8	663.7
162.5°	595.5	599.5	603.5	604.5	610.4	618.3	622.2	629.8	645.0	656.5	657.3
165°	606.1	609.7	613.3	614.2	616.8	620.4	622.2	627.6	638.6	646.8	647.7
167.5°	615.8	617.6	619.2	619.6	621.9	624.9	626.4	629.9	637.1	642.5	642.8
170°	622.2	623.9	625.6	626.0	626.1	626.3	626.4	629.9	637.1	642.5	642.5
172.5°	625.6	625.9	626.3	626.4	626.4	626.4	626.4	629.2	634.8	639.1	638.7
175°	630.2	630.2	630.2	630.2	628.9	627.2	626.4	628.2	631.7	634.5	634.5
177.5°	630.2	630.2	630.2	630.2	629.2	627.9	627.3	628.7	631.6	633.7	633.3
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



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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°	16.1	16.1	16.1	16.1	16.1	21.5	28.6	32.1	27.6	18.6	11.8
92.5°	64.3	51.6	64.3	77.1	80.3	113.9	158.6	181.0	158.9	114.7	81.6
95°	224.4	185.7	224.4	263.2	272.8	358.2	472.2	529.1	446.9	282.4	159.0
97.5°	537.7	464.0	537.7	611.4	629.8	683.9	755.8	791.8	654.7	380.4	174.7
100°	774.6	686.9	774.6	862.5	884.4	880.5	875.3	872.6	720.4	416.1	187.8
102.5°	1007.9	932.7	1007.9	1083.0	1101.8	1033.1	941.3	895.4	741.1	432.4	200.9
105°	1305.1	1264.7	1305.1	1345.5	1355.6	1201.4	995.7	892.9	743.4	444.5	220.4
107.5°	1499.8	1509.5	1499.8	1490.1	1487.6	1272.5	985.6	842.1	710.3	446.8	249.1
110°	1574.0	1616.2	1574.0	1532.0	1521.5	1281.0	960.2	799.8	681.0	443.4	265.2



TEST NUMBER: P934940

CATALOG NUMBER: SQ4-FA-075U-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°	1580.7	1645.4	1580.7	1516.0	1499.8	1253.7	925.5	761.4	655.4	443.5	284.6
115°	1538.7	1628.4	1538.7	1449.1	1426.7	1189.5	873.3	715.2	626.0	447.6	313.8
117.5°	1449.9	1549.3	1449.9	1350.4	1325.6	1111.6	826.2	683.5	607.6	456.0	342.2
120°	1378.3	1474.9	1378.3	1281.7	1257.5	1061.9	801.2	670.9	601.5	462.7	358.7
122.5°	1308.5	1403.8	1308.5	1213.2	1189.4	1013.2	778.5	661.1	598.3	472.5	378.1
125°	1209.1	1296.9	1209.1	1121.2	1099.3	949.8	750.3	650.6	595.5	485.6	403.1
127.5°	1119.6	1193.6	1119.6	1045.5	1027.0	898.5	727.3	641.7	594.0	498.7	427.2
130°	1066.8	1135.2	1066.8	998.4	981.3	867.0	714.5	638.3	595.0	508.3	443.3
132.5°	1019.0	1080.3	1019.0	957.7	942.4	840.0	703.5	635.3	595.5	516.0	456.4
135°	953.4	1006.2	953.4	900.5	887.4	801.7	687.3	630.2	595.0	524.5	471.6
137.5°	900.8	944.1	900.8	857.6	846.8	774.3	677.7	629.4	598.6	537.1	491.0
140°	864.8	905.2	864.8	824.3	814.2	751.6	668.1	626.4	599.3	545.0	504.2
142.5°	834.9	869.6	834.9	800.1	791.4	736.4	663.0	626.4	601.4	551.4	513.9
145°	790.0	816.3	790.0	763.6	757.1	712.2	652.2	622.2	601.5	559.9	528.7
147.5°	755.5	777.4	755.5	733.8	728.3	693.0	645.8	622.2	605.5	572.3	547.3
150°	734.0	751.6	734.0	716.3	711.9	682.0	642.1	622.2	607.7	578.8	557.1
152.5°	715.4	728.8	715.4	702.1	698.8	673.2	639.2	622.2	609.1	583.0	563.4
155°	694.1	703.0	694.1	685.3	683.1	662.9	635.7	622.2	612.2	592.3	577.3
157.5°	677.3	683.5	677.3	671.1	669.6	653.8	632.7	622.2	615.4	601.6	591.4
160°	667.2	670.9	667.2	663.7	662.8	649.2	631.2	622.2	616.7	605.8	597.6
162.5°	660.7	664.0	660.7	657.3	656.5	645.0	629.8	622.2	618.3	610.4	604.5
165°	651.2	654.8	651.2	647.7	646.8	638.6	627.6	622.2	620.4	616.8	614.2
167.5°	644.4	645.8	644.4	642.8	642.5	637.1	629.9	626.4	624.9	621.9	619.6
170°	642.5	642.5	642.5	642.5	642.5	637.1	629.9	626.4	626.3	626.1	626.0
172.5°	637.5	636.1	637.5	638.7	639.1	634.8	629.2	626.4	626.4	626.4	626.4
175°	634.5	634.5	634.5	634.5	634.5	631.7	628.2	626.4	627.2	628.9	630.2
177.5°	631.7	630.2	631.7	633.3	633.7	631.6	628.7	627.3	627.9	629.2	630.2
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



TEST NUMBER: P934940

CATALOG NUMBER: SQ4-FA-075U-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°	11.0	7.5	4.2	7.5	11.0	11.8	18.6	27.6	32.1	28.6	21.5
92.5°	74.4	45.7	16.9	45.7	74.4	81.6	114.7	158.9	181.0	158.6	113.9
95°	145.8	93.2	40.6	93.2	145.8	159.0	282.4	446.9	529.1	472.2	358.2
97.5°	163.0	116.6	70.2	116.6	163.0	174.7	380.4	654.7	791.8	755.8	683.9
100°	177.3	135.2	93.1	135.2	177.3	187.8	416.1	720.4	872.6	875.3	880.5
102.5°	191.1	151.8	112.5	151.8	191.1	200.9	432.4	741.1	895.4	941.3	1033.1
105°	212.1	178.8	145.5	178.8	212.1	220.4	444.5	743.4	892.9	995.7	1201.4
107.5°	241.4	210.4	179.4	210.4	241.4	249.1	446.8	710.3	842.1	985.6	1272.5
110°	258.2	230.2	202.2	230.2	258.2	265.2	443.4	681.0	799.8	960.2	1281.0



TEST NUMBER: P934940

CATALOG NUMBER: SQ4-FA-075U-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°	278.0	251.2	224.6	251.2	278.0	284.6	443.5	655.4	761.4	925.5	1253.7
115°	307.6	283.1	258.4	283.1	307.6	313.8	447.6	626.0	715.2	873.3	1189.5
117.5°	336.6	314.2	291.8	314.2	336.6	342.2	456.0	607.6	683.5	826.2	1111.6
120°	353.4	332.4	311.3	332.4	353.4	358.7	462.7	601.5	670.9	801.2	1061.9
122.5°	372.9	351.6	330.4	351.6	372.9	378.1	472.5	598.3	661.1	778.5	1013.2
125°	398.2	378.9	359.5	378.9	398.2	403.1	485.6	595.5	650.6	750.3	949.8
127.5°	422.3	402.8	383.2	402.8	422.3	427.2	498.7	594.0	641.7	727.3	898.5
130°	438.0	417.0	395.9	417.0	438.0	443.3	508.3	595.0	638.3	714.5	867.0
132.5°	451.1	430.1	409.0	430.1	451.1	456.4	516.0	595.5	635.3	703.5	840.0
135°	466.8	447.6	428.4	447.6	466.8	471.6	524.5	595.0	630.2	687.3	801.7
137.5°	486.3	467.3	448.4	467.3	486.3	491.0	537.1	598.6	629.4	677.7	774.3
140°	499.8	482.3	464.8	482.3	499.8	504.2	545.0	599.3	626.4	668.1	751.6
142.5°	509.9	493.8	477.6	493.8	509.9	513.9	551.4	601.4	626.4	663.0	736.4
145°	525.1	511.1	497.0	511.1	525.1	528.7	559.9	601.5	622.2	652.2	712.2
147.5°	543.9	530.1	516.4	530.1	543.9	547.3	572.3	605.5	622.2	645.8	693.0
150°	554.0	541.5	529.1	541.5	554.0	557.1	578.8	607.7	622.2	642.1	682.0
152.5°	561.1	551.7	542.2	551.7	561.1	563.4	583.0	609.1	622.2	639.2	673.2
155°	575.6	568.6	561.7	568.6	575.6	577.3	592.3	612.2	622.2	635.7	662.9
157.5°	589.6	582.9	576.1	582.9	589.6	591.4	601.6	615.4	622.2	632.7	653.8
160°	596.4	591.1	585.8	591.1	596.4	597.6	605.8	616.7	622.2	631.2	649.2
162.5°	603.5	599.5	595.5	599.5	603.5	604.5	610.4	618.3	622.2	629.8	645.0
165°	613.3	609.7	606.1	609.7	613.3	614.2	616.8	620.4	622.2	627.6	638.6
167.5°	619.2	617.6	615.8	617.6	619.2	619.6	621.9	624.9	626.4	629.9	637.1
170°	625.6	623.9	622.2	623.9	625.6	626.0	626.1	626.3	626.4	629.9	637.1
172.5°	626.3	625.9	625.6	625.9	626.3	626.4	626.4	626.4	626.4	629.2	634.8
175°	630.2	630.2	630.2	630.2	630.2	630.2	628.9	627.2	626.4	628.2	631.7
177.5°	630.2	630.2	630.2	630.2	630.2	630.2	629.2	627.9	627.3	628.7	631.6
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



TEST NUMBER: P934940
 CATALOG NUMBER: SQ4-FA-075U-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°	16.1	16.1	16.1	16.1	16.1	16.1	16.1	21.5	28.6	32.1	27.6
92.5°	80.3	77.1	64.3	51.6	64.3	77.1	80.3	113.9	158.6	181.0	158.9
95°	272.8	263.2	224.4	185.7	224.4	263.2	272.8	358.2	472.2	529.1	446.9
97.5°	629.8	611.4	537.7	464.0	537.7	611.4	629.8	683.9	755.8	791.8	654.7
100°	884.4	862.5	774.6	686.9	774.6	862.5	884.4	880.5	875.3	872.6	720.4
102.5°	1101.8	1083.0	1007.9	932.7	1007.9	1083.0	1101.8	1033.1	941.3	895.4	741.1
105°	1355.6	1345.5	1305.1	1264.7	1305.1	1345.5	1355.6	1201.4	995.7	892.9	743.4
107.5°	1487.6	1490.1	1499.8	1509.5	1499.8	1490.1	1487.6	1272.5	985.6	842.1	710.3
110°	1521.5	1532.0	1574.0	1616.2	1574.0	1532.0	1521.5	1281.0	960.2	799.8	681.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1499.8	1516.0	1580.7	1645.4	1580.7	1516.0	1499.8	1253.7	925.5	761.4	655.4
115°	1426.7	1449.1	1538.7	1628.4	1538.7	1449.1	1426.7	1189.5	873.3	715.2	626.0
117.5°	1325.6	1350.4	1449.9	1549.3	1449.9	1350.4	1325.6	1111.6	826.2	683.5	607.6
120°	1257.5	1281.7	1378.3	1474.9	1378.3	1281.7	1257.5	1061.9	801.2	670.9	601.5
122.5°	1189.4	1213.2	1308.5	1403.8	1308.5	1213.2	1189.4	1013.2	778.5	661.1	598.3
125°	1099.3	1121.2	1209.1	1296.9	1209.1	1121.2	1099.3	949.8	750.3	650.6	595.5
127.5°	1027.0	1045.5	1119.6	1193.6	1119.6	1045.5	1027.0	898.5	727.3	641.7	594.0
130°	981.3	998.4	1066.8	1135.2	1066.8	998.4	981.3	867.0	714.5	638.3	595.0
132.5°	942.4	957.7	1019.0	1080.3	1019.0	957.7	942.4	840.0	703.5	635.3	595.5
135°	887.4	900.5	953.4	1006.2	953.4	900.5	887.4	801.7	687.3	630.2	595.0
137.5°	846.8	857.6	900.8	944.1	900.8	857.6	846.8	774.3	677.7	629.4	598.6
140°	814.2	824.3	864.8	905.2	864.8	824.3	814.2	751.6	668.1	626.4	599.3
142.5°	791.4	800.1	834.9	869.6	834.9	800.1	791.4	736.4	663.0	626.4	601.4
145°	757.1	763.6	790.0	816.3	790.0	763.6	757.1	712.2	652.2	622.2	601.5
147.5°	728.3	733.8	755.5	777.4	755.5	733.8	728.3	693.0	645.8	622.2	605.5
150°	711.9	716.3	734.0	751.6	734.0	716.3	711.9	682.0	642.1	622.2	607.7
152.5°	698.8	702.1	715.4	728.8	715.4	702.1	698.8	673.2	639.2	622.2	609.1
155°	683.1	685.3	694.1	703.0	694.1	685.3	683.1	662.9	635.7	622.2	612.2
157.5°	669.6	671.1	677.3	683.5	677.3	671.1	669.6	653.8	632.7	622.2	615.4
160°	662.8	663.7	667.2	670.9	667.2	663.7	662.8	649.2	631.2	622.2	616.7
162.5°	656.5	657.3	660.7	664.0	660.7	657.3	656.5	645.0	629.8	622.2	618.3
165°	646.8	647.7	651.2	654.8	651.2	647.7	646.8	638.6	627.6	622.2	620.4
167.5°	642.5	642.8	644.4	645.8	644.4	642.8	642.5	637.1	629.9	626.4	624.9
170°	642.5	642.5	642.5	642.5	642.5	642.5	642.5	637.1	629.9	626.4	626.3
172.5°	639.1	638.7	637.5	636.1	637.5	638.7	639.1	634.8	629.2	626.4	626.4
175°	634.5	634.5	634.5	634.5	634.5	634.5	634.5	631.7	628.2	626.4	627.2
177.5°	633.7	633.3	631.7	630.2	631.7	633.3	633.7	631.6	628.7	627.3	627.9
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



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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°	18.6	11.8	11.0	7.5	4.2
92.5°	114.7	81.6	74.4	45.7	16.9
95°	282.4	159.0	145.8	93.2	40.6
97.5°	380.4	174.7	163.0	116.6	70.2
100°	416.1	187.8	177.3	135.2	93.1
102.5°	432.4	200.9	191.1	151.8	112.5
105°	444.5	220.4	212.1	178.8	145.5
107.5°	446.8	249.1	241.4	210.4	179.4
110°	443.4	265.2	258.2	230.2	202.2



TEST NUMBER: P934940

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	443.5	284.6	278.0	251.2	224.6
115°	447.6	313.8	307.6	283.1	258.4
117.5°	456.0	342.2	336.6	314.2	291.8
120°	462.7	358.7	353.4	332.4	311.3
122.5°	472.5	378.1	372.9	351.6	330.4
125°	485.6	403.1	398.2	378.9	359.5
127.5°	498.7	427.2	422.3	402.8	383.2
130°	508.3	443.3	438.0	417.0	395.9
132.5°	516.0	456.4	451.1	430.1	409.0
135°	524.5	471.6	466.8	447.6	428.4
137.5°	537.1	491.0	486.3	467.3	448.4
140°	545.0	504.2	499.8	482.3	464.8
142.5°	551.4	513.9	509.9	493.8	477.6
145°	559.9	528.7	525.1	511.1	497.0
147.5°	572.3	547.3	543.9	530.1	516.4
150°	578.8	557.1	554.0	541.5	529.1
152.5°	583.0	563.4	561.1	551.7	542.2
155°	592.3	577.3	575.6	568.6	561.7
157.5°	601.6	591.4	589.6	582.9	576.1
160°	605.8	597.6	596.4	591.1	585.8
162.5°	610.4	604.5	603.5	599.5	595.5
165°	616.8	614.2	613.3	609.7	606.1
167.5°	621.9	619.6	619.2	617.6	615.8
170°	626.1	626.0	625.6	623.9	622.2
172.5°	626.4	626.4	626.3	625.9	625.6
175°	628.9	630.2	630.2	630.2	630.2
177.5°	629.2	630.2	630.2	630.2	630.2
180°	630.2	630.2	630.2	630.2	630.2



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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	15.17	16.14	16.03	17.02	18.13	18.00	18.96	18.86	19.84	20.95
	3H	15.66	16.53	16.53	17.41	18.55	19.35	20.22	20.22	21.11	22.24
	4H	15.85	16.67	16.74	17.57	18.71	19.80	20.62	20.68	21.51	22.66
	6H	15.98	16.73	16.88	17.64	18.79	20.09	20.84	20.98	21.74	22.90
	8H	15.98	16.70	16.89	17.62	18.78	20.16	20.88	21.07	21.80	22.96
	12H	15.96	16.64	16.87	17.56	18.74	20.20	20.89	21.12	21.80	22.99
4H	2H	16.22	17.04	17.11	17.93	19.08	18.42	19.24	19.31	20.13	21.28
	3H	17.25	17.94	18.16	18.86	20.02	19.93	20.62	20.84	21.54	22.70
	4H	17.53	18.16	18.45	19.08	20.27	20.46	21.09	21.38	22.01	23.20
	6H	17.67	18.20	18.59	19.15	20.34	20.83	21.37	21.76	22.32	23.51
	8H	17.67	18.18	18.61	19.12	20.32	20.94	21.44	21.87	22.39	23.59
	12H	17.65	18.10	18.60	19.06	20.26	21.00	21.46	21.95	22.42	23.62
8H	4H	18.00	18.50	18.93	19.44	20.64	20.60	21.10	21.53	22.04	23.24
	6H	18.26	18.68	19.22	19.66	20.86	21.04	21.45	22.00	22.44	23.63
	8H	18.30	18.67	19.27	19.65	20.86	21.19	21.56	22.16	22.53	23.75
	12H	18.29	18.62	19.26	19.58	20.85	21.29	21.61	22.26	22.58	23.85
12H	4H	18.01	18.46	18.96	19.42	20.62	20.57	21.02	21.52	21.98	23.19
	6H	18.32	18.69	19.29	19.66	20.88	21.04	21.40	22.00	22.38	23.59
	8H	18.39	18.72	19.36	19.68	20.95	21.20	21.52	22.17	22.49	23.76