

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: P934963

Luminaire Tested: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934963
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-93050-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

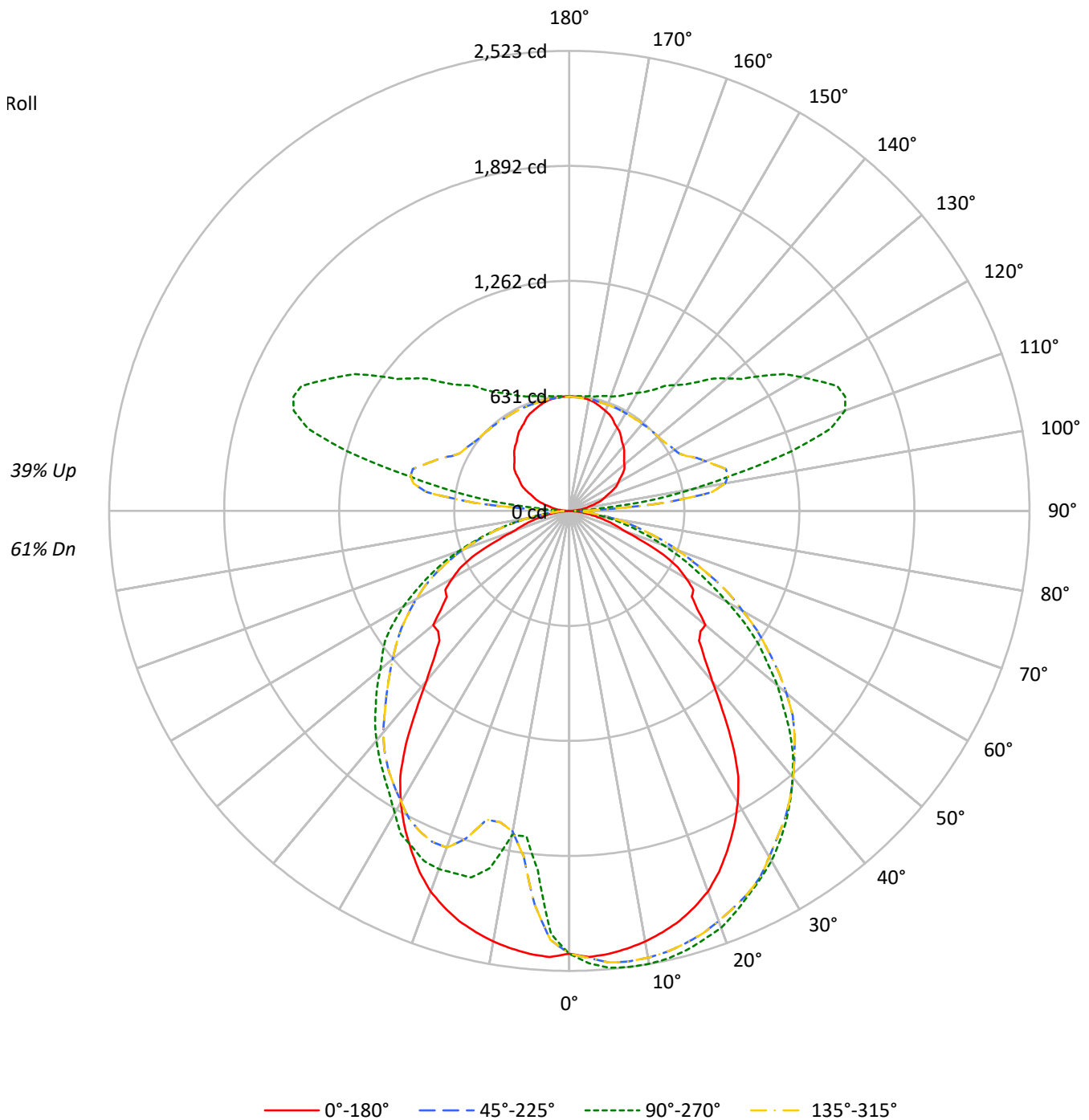
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10364.1 lumens
Efficiency: N/A
Efficacy: 111.4 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 (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: P934963
CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P934963

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15022	15022	15022	15022
5°	15129	15164	15129	11923
10°	15022	14938	15022	10679
15°	14853	14614	14853	12203
20°	14537	14231	14537	12229
25°	13895	13671	13895	11969
30°	13068	13207	13068	11401
35°	11645	12619	11645	10775
40°	9697	11928	9697	10302
45°	8659	11120	8659	9759
50°	9192	10154	9192	9214
55°	8640	9115	8640	8899
60°	8896	7741	8896	8150
65°	8053	6399	8053	7153
70°	5562	5100	5562	5996
75°	4860	3770	4860	4514
80°	3890	2491	3890	2713
85°	2188	1320	2188	1122

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13279 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.2	2.1
10°-20°	622.4	6.0
20°-30°	962.1	9.3
30°-40°	1148.5	11.1
40°-50°	1155.3	11.1
50°-60°	1005.2	9.7
60°-70°	712.7	6.9
70°-80°	377.1	3.6
80°-90°	96.3	0.9
90°-100°	305.7	2.9
100°-110°	803.7	7.8
110°-120°	833.3	8.0
120°-130°	668.4	6.4
130°-140°	524.5	5.1
140°-150°	402.6	3.9
150°-160°	289.9	2.8
160°-170°	177.4	1.7
170°-180°	59.9	0.6
0°-30°	1803.7	17.4
0°-40°	2952.2	28.5
0°-60°	5112.6	49.3
0°-90°	6298.7	60.8
90°-120°	1942.7	18.7
90°-150°	3538.2	34.1
90°-180°	4065.0	39.2
0°-180°	10364.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2428	2428	2428	2428	2428	
5°	2440	2516	2440	1978	2440	231
15°	2330	2493	2330	2081	2330	655
25°	2052	2325	2052	2036	2052	942
35°	1560	2074	1560	1771	1560	965
45°	1006	1709	1006	1500	1006	806
55°	820	1261	820	1231	820	754
65°	570	760	570	850	570	545
75°	216	361	216	432	216	227
85°	37	92	37	78	37	50
90°	4	16	4	16	4	5
95°	40	185	40	185	40	45
105°	145	1258	145	1258	145	154
115°	257	1620	257	1620	257	254
125°	358	1290	358	1290	358	318
135°	426	1001	426	1001	426	330
145°	495	812	495	812	495	310
155°	559	700	559	700	559	257
165°	603	652	603	652	603	170
175°	627	631	627	631	627	60
180°	627	627	627	627	627	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2449.0	2449.0	2462.9	2467.4	2467.4	2460.5	2453.6	2460.5	2481.2	2488.1	2485.8
5°	2439.9	2458.2	2483.5	2488.1	2492.7	2490.4	2485.8	2490.4	2513.4	2518.0	2520.2
7.5°	2421.5	2455.9	2488.1	2495.0	2501.9	2495.0	2492.7	2497.2	2520.2	2524.9	2524.9
10°	2398.5	2446.7	2483.5	2488.1	2495.0	2488.1	2488.1	2497.2	2520.2	2524.9	2527.1
12.5°	2366.4	2433.0	2467.4	2472.0	2481.2	2478.9	2476.6	2485.8	2508.7	2513.4	2513.4
15°	2329.6	2407.6	2439.9	2444.5	2460.5	2455.9	2455.9	2465.1	2490.4	2497.2	2495.0
17.5°	2279.0	2375.5	2412.3	2419.1	2430.6	2428.4	2430.6	2439.9	2462.9	2467.4	2469.7
20°	2221.6	2331.9	2375.5	2382.4	2393.9	2393.9	2393.9	2405.4	2428.4	2437.5	2437.5
22.5°	2143.5	2285.9	2331.9	2336.5	2350.3	2350.3	2354.9	2370.9	2391.6	2393.9	2393.9
25°	2051.5	2235.4	2274.4	2288.2	2302.0	2308.9	2315.8	2325.0	2331.9	2329.6	2331.9
27.5°	1955.1	2171.0	2221.6	2230.8	2249.1	2256.0	2265.3	2267.5	2269.9	2276.8	2272.1
30°	1847.1	2081.4	2157.3	2166.4	2196.3	2200.9	2191.8	2196.3	2207.8	2212.4	2217.0
32.5°	1725.3	1948.2	2090.7	2111.3	2138.9	2125.1	2122.8	2129.7	2148.0	2148.0	2152.7
35°	1560.0	1844.8	2028.6	2047.0	2067.7	2051.5	2060.8	2063.0	2074.5	2081.4	2079.2
37.5°	1378.5	1755.2	1964.3	1978.0	1994.2	1973.4	1987.3	1994.2	2003.3	1998.8	1998.8
40°	1217.6	1615.1	1888.4	1897.7	1911.4	1895.3	1909.2	1913.8	1918.3	1913.8	1911.4
42.5°	1098.1	1461.1	1808.1	1819.6	1810.3	1821.8	1826.4	1835.7	1828.7	1819.6	1819.6
45°	1006.3	1419.8	1720.7	1734.6	1720.7	1739.2	1746.1	1746.1	1725.3	1720.7	1718.4
47.5°	976.4	1337.1	1633.5	1633.5	1626.6	1649.6	1661.1	1644.9	1624.2	1617.3	1617.3
50°	974.1	1245.2	1514.0	1504.8	1537.0	1564.6	1553.1	1537.0	1520.9	1495.6	1495.6
52.5°	884.5	1132.6	1360.1	1394.5	1445.1	1461.1	1442.7	1426.7	1399.1	1387.6	1378.5
55°	820.2	1015.4	1219.9	1288.9	1341.7	1362.4	1327.9	1311.8	1270.5	1263.6	1259.0
57.5°	806.4	845.4	1091.3	1178.6	1242.9	1240.6	1219.9	1190.0	1155.6	1148.7	1146.4
60°	739.8	611.1	953.4	1056.8	1123.4	1116.5	1098.1	1070.6	1038.4	1033.9	1029.3
62.5°	670.8	443.4	797.2	914.4	1008.5	1006.3	990.2	948.8	925.9	914.4	905.2
65°	569.8	372.2	567.4	760.4	896.0	900.5	866.1	836.3	811.0	797.2	794.9
67.5°	434.2	303.2	383.7	634.1	788.0	783.4	739.8	725.9	693.8	686.9	673.2
70°	321.6	202.2	266.5	514.6	682.3	670.8	636.4	620.3	590.4	574.3	565.2
72.5°	266.5	163.1	195.2	399.7	574.3	560.6	530.7	512.3	487.1	473.3	464.1
75°	216.0	172.3	149.4	296.3	466.3	457.2	429.6	411.2	390.6	372.2	374.5
77.5°	158.5	160.8	119.5	218.2	369.8	356.1	340.0	317.1	307.8	289.5	289.5
80°	119.5	126.4	89.6	149.4	266.5	266.5	252.7	236.6	220.6	211.4	211.4
82.5°	80.4	80.4	66.6	94.2	181.5	174.6	165.4	160.8	151.6	147.0	147.0
85°	36.7	46.0	41.4	57.5	98.8	103.4	103.4	98.8	96.5	91.9	94.2
87.5°	11.5	20.6	25.3	32.1	50.5	52.9	55.1	55.1	55.1	57.5	57.5
90°	4.2	7.5	11.0	11.8	18.5	27.4	32.0	28.4	21.4	16.0	16.0
92.5°	16.8	45.4	74.0	81.2	114.1	158.1	180.1	157.9	113.3	79.9	76.8
95°	40.4	92.8	145.1	158.2	281.0	444.7	526.5	469.9	356.5	271.5	261.9
97.5°	69.9	116.0	162.2	173.8	378.5	651.4	787.9	752.1	680.5	626.7	608.4
100°	92.6	134.5	176.4	186.9	414.0	716.9	868.3	870.9	876.2	880.1	858.3
102.5°	112.0	151.1	190.2	200.0	430.3	737.4	891.0	936.7	1028.0	1096.4	1077.7
105°	144.8	178.0	211.1	219.3	442.4	739.8	888.5	990.8	1195.4	1349.0	1338.9
107.5°	178.5	209.4	240.2	247.9	444.6	706.8	838.0	980.7	1266.2	1480.3	1482.7
110°	201.2	229.1	256.9	263.9	441.2	677.7	795.9	955.5	1274.6	1514.0	1524.5



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	223.5	250.0	276.6	283.2	441.4	652.2	757.6	920.9	1247.5	1492.4	1508.5
115°	257.2	281.7	306.1	312.3	445.4	622.9	711.7	869.0	1183.7	1419.7	1441.9
117.5°	290.4	312.6	334.9	340.5	453.8	604.6	680.1	822.2	1106.1	1319.1	1343.8
120°	309.7	330.7	351.7	356.9	460.5	598.5	667.6	797.3	1056.7	1251.3	1275.4
122.5°	328.8	349.8	371.0	376.3	470.1	595.3	657.9	774.6	1008.3	1183.5	1207.2
125°	357.7	377.0	396.3	401.1	483.2	592.6	647.4	746.6	945.1	1093.9	1115.7
127.5°	381.3	400.8	420.2	425.1	496.2	591.1	638.5	723.7	894.1	1021.9	1040.4
130°	393.9	414.9	435.8	441.1	505.8	592.1	635.2	711.0	862.7	976.5	993.5
132.5°	407.0	428.0	448.9	454.1	513.5	592.6	632.2	700.1	835.9	937.7	953.0
135°	426.3	445.4	464.5	469.3	521.9	592.1	627.1	683.9	797.7	883.0	896.1
137.5°	446.2	465.0	483.9	488.6	534.5	595.7	626.3	674.3	770.5	842.6	853.4
140°	462.5	479.9	497.4	501.7	542.3	596.3	623.3	664.8	747.9	810.2	820.3
142.5°	475.2	491.3	507.4	511.4	548.7	598.4	623.3	659.8	732.7	787.5	796.2
145°	494.6	508.6	522.5	526.1	557.1	598.5	619.1	649.0	708.7	753.4	759.9
147.5°	513.9	527.5	541.2	544.6	569.4	602.6	619.1	642.6	689.6	724.8	730.2
150°	526.5	538.8	551.2	554.3	576.0	604.7	619.1	639.0	678.6	708.4	712.8
152.5°	539.6	549.0	558.3	560.7	580.1	606.1	619.1	636.1	669.9	695.3	698.7
155°	558.9	565.8	572.8	574.5	589.4	609.2	619.1	632.6	659.6	679.8	681.9
157.5°	573.2	580.0	586.7	588.4	598.7	612.3	619.1	629.6	650.5	666.3	667.8
160°	582.9	588.2	593.4	594.7	602.8	613.7	619.1	628.1	646.0	659.5	660.4
162.5°	592.6	596.6	600.5	601.5	607.4	615.2	619.1	626.7	641.8	653.3	654.1
165°	603.1	606.7	610.3	611.2	613.8	617.3	619.1	624.6	635.4	643.6	644.5
167.5°	612.8	614.5	616.1	616.6	618.9	621.8	623.3	626.8	634.0	639.3	639.7
170°	619.1	620.8	622.5	622.9	623.0	623.2	623.3	626.8	634.0	639.3	639.3
172.5°	622.5	622.8	623.2	623.3	623.3	623.3	623.3	626.1	631.7	636.0	635.6
175°	627.1	627.1	627.1	627.1	625.8	624.1	623.3	625.1	628.6	631.3	631.3
177.5°	627.1	627.1	627.1	627.1	626.1	624.8	624.2	625.6	628.5	630.5	630.2
180°	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-400K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2490.4	2483.5	2490.4	2485.8	2488.1	2481.2	2460.5	2453.6	2460.5	2467.4	2467.4
5°	2520.2	2515.6	2520.2	2520.2	2518.0	2513.4	2490.4	2485.8	2490.4	2492.7	2488.1
7.5°	2529.5	2522.6	2529.5	2524.9	2524.9	2520.2	2497.2	2492.7	2495.0	2501.9	2495.0
10°	2529.5	2522.6	2529.5	2527.1	2524.9	2520.2	2497.2	2488.1	2488.1	2495.0	2488.1
12.5°	2518.0	2513.4	2518.0	2513.4	2513.4	2508.7	2485.8	2476.6	2478.9	2481.2	2472.0
15°	2499.6	2492.7	2499.6	2495.0	2497.2	2490.4	2465.1	2455.9	2455.9	2460.5	2444.5
17.5°	2472.0	2462.9	2472.0	2469.7	2467.4	2462.9	2439.9	2430.6	2428.4	2430.6	2419.1
20°	2439.9	2433.0	2439.9	2437.5	2437.5	2428.4	2405.4	2393.9	2393.9	2393.9	2382.4
22.5°	2389.3	2382.4	2389.3	2393.9	2393.9	2391.6	2370.9	2354.9	2350.3	2350.3	2336.5
25°	2331.9	2325.0	2331.9	2331.9	2329.6	2331.9	2325.0	2315.8	2308.9	2302.0	2288.2
27.5°	2276.8	2272.1	2276.8	2272.1	2276.8	2269.9	2267.5	2265.3	2256.0	2249.1	2230.8
30°	2221.6	2217.0	2221.6	2217.0	2212.4	2207.8	2196.3	2191.8	2200.9	2196.3	2166.4
32.5°	2152.7	2148.0	2152.7	2152.7	2148.0	2148.0	2129.7	2122.8	2125.1	2138.9	2111.3
35°	2081.4	2074.5	2081.4	2079.2	2081.4	2074.5	2063.0	2060.8	2051.5	2067.7	2047.0
37.5°	1998.8	1991.8	1998.8	1998.8	1998.8	2003.3	1994.2	1987.3	1973.4	1994.2	1978.0
40°	1913.8	1904.5	1913.8	1911.4	1913.8	1918.3	1913.8	1909.2	1895.3	1911.4	1897.7
42.5°	1817.3	1814.9	1817.3	1819.6	1819.6	1828.7	1835.7	1826.4	1821.8	1810.3	1819.6
45°	1713.8	1709.3	1713.8	1718.4	1720.7	1725.3	1746.1	1746.1	1739.2	1720.7	1734.6
47.5°	1603.6	1592.1	1603.6	1617.3	1617.3	1624.2	1644.9	1661.1	1649.6	1626.6	1633.5
50°	1486.5	1488.7	1486.5	1495.6	1495.6	1520.9	1537.0	1553.1	1564.6	1537.0	1504.8
52.5°	1371.6	1369.2	1371.6	1378.5	1387.6	1399.1	1426.7	1442.7	1461.1	1445.1	1394.5
55°	1256.6	1261.3	1256.6	1259.0	1263.6	1270.5	1311.8	1327.9	1362.4	1341.7	1288.9
57.5°	1141.8	1134.9	1141.8	1146.4	1148.7	1155.6	1190.0	1219.9	1240.6	1242.9	1178.6
60°	1008.5	999.4	1008.5	1029.3	1033.9	1038.4	1070.6	1098.1	1116.5	1123.4	1056.8
62.5°	891.4	875.3	891.4	905.2	914.4	925.9	948.8	990.2	1006.3	1008.5	914.4
65°	767.3	760.4	767.3	794.9	797.2	811.0	836.3	866.1	900.5	896.0	760.4
67.5°	654.8	654.8	654.8	673.2	686.9	693.8	725.9	739.8	783.4	788.0	634.1
70°	551.3	549.1	551.3	565.2	574.3	590.4	620.3	636.4	670.8	682.3	514.6
72.5°	452.6	450.3	452.6	464.1	473.3	487.1	512.3	530.7	560.6	574.3	399.7
75°	365.3	360.7	365.3	374.5	372.2	390.6	411.2	429.6	457.2	466.3	296.3
77.5°	280.3	280.3	280.3	289.5	289.5	307.8	317.1	340.0	356.1	369.8	218.2
80°	209.1	206.7	209.1	211.4	211.4	220.6	236.6	252.7	266.5	266.5	149.4
82.5°	147.0	142.5	147.0	147.0	147.0	151.6	160.8	165.4	174.6	181.5	94.2
85°	91.9	91.9	91.9	94.2	91.9	96.5	98.8	103.4	103.4	98.8	57.5
87.5°	59.7	57.5	59.7	57.5	57.5	55.1	55.1	55.1	52.9	50.5	32.1
90°	16.0	16.0	16.0	16.0	16.0	21.4	28.4	32.0	27.4	18.5	11.8
92.5°	64.0	51.3	64.0	76.8	79.9	113.3	157.9	180.1	158.1	114.1	81.2
95°	223.3	184.7	223.3	261.9	271.5	356.5	469.9	526.5	444.7	281.0	158.2
97.5°	535.0	461.7	535.0	608.4	626.7	680.5	752.1	787.9	651.4	378.5	173.8
100°	770.8	683.5	770.8	858.3	880.1	876.2	870.9	868.3	716.9	414.0	186.9
102.5°	1002.9	928.1	1002.9	1077.7	1096.4	1028.0	936.7	891.0	737.4	430.3	200.0
105°	1298.6	1258.4	1298.6	1338.9	1349.0	1195.4	990.8	888.5	739.8	442.4	219.3
107.5°	1492.4	1502.1	1492.4	1482.7	1480.3	1266.2	980.7	838.0	706.8	444.6	247.9
110°	1566.3	1608.2	1566.3	1524.5	1514.0	1274.6	955.5	795.9	677.7	441.2	263.9



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1572.9	1637.3	1572.9	1508.5	1492.4	1247.5	920.9	757.6	652.2	441.4	283.2
115°	1531.2	1620.4	1531.2	1441.9	1419.7	1183.7	869.0	711.7	622.9	445.4	312.3
117.5°	1442.7	1541.7	1442.7	1343.8	1319.1	1106.1	822.2	680.1	604.6	453.8	340.5
120°	1371.5	1467.6	1371.5	1275.4	1251.3	1056.7	797.3	667.6	598.5	460.5	356.9
122.5°	1302.1	1396.9	1302.1	1207.2	1183.5	1008.3	774.6	657.9	595.3	470.1	376.3
125°	1203.1	1290.5	1203.1	1115.7	1093.9	945.1	746.6	647.4	592.6	483.2	401.1
127.5°	1114.1	1187.8	1114.1	1040.4	1021.9	894.1	723.7	638.5	591.1	496.2	425.1
130°	1061.6	1129.6	1061.6	993.5	976.5	862.7	711.0	635.2	592.1	505.8	441.1
132.5°	1014.0	1075.0	1014.0	953.0	937.7	835.9	700.1	632.2	592.6	513.5	454.1
135°	948.7	1001.3	948.7	896.1	883.0	797.7	683.9	627.1	592.1	521.9	469.3
137.5°	896.4	939.5	896.4	853.4	842.6	770.5	674.3	626.3	595.7	534.5	488.6
140°	860.5	900.7	860.5	820.3	810.2	747.9	664.8	623.3	596.3	542.3	501.7
142.5°	830.8	865.3	830.8	796.2	787.5	732.7	659.8	623.3	598.4	548.7	511.4
145°	786.1	812.3	786.1	759.9	753.4	708.7	649.0	619.1	598.5	557.1	526.1
147.5°	751.8	773.6	751.8	730.2	724.8	689.6	642.6	619.1	602.6	569.4	544.6
150°	730.4	747.9	730.4	712.8	708.4	678.6	639.0	619.1	604.7	576.0	554.3
152.5°	711.9	725.2	711.9	698.7	695.3	669.9	636.1	619.1	606.1	580.1	560.7
155°	690.7	699.5	690.7	681.9	679.8	659.6	632.6	619.1	609.2	589.4	574.5
157.5°	674.0	680.1	674.0	667.8	666.3	650.5	629.6	619.1	612.3	598.7	588.4
160°	663.9	667.6	663.9	660.4	659.5	646.0	628.1	619.1	613.7	602.8	594.7
162.5°	657.4	660.8	657.4	654.1	653.3	641.8	626.7	619.1	615.2	607.4	601.5
165°	648.0	651.5	648.0	644.5	643.6	635.4	624.6	619.1	617.3	613.8	611.2
167.5°	641.2	642.7	641.2	639.7	639.3	634.0	626.8	623.3	621.8	618.9	616.6
170°	639.3	639.3	639.3	639.3	639.3	634.0	626.8	623.3	623.2	623.0	622.9
172.5°	634.3	633.0	634.3	635.6	636.0	631.7	626.1	623.3	623.3	623.3	623.3
175°	631.3	631.3	631.3	631.3	631.3	628.6	625.1	623.3	624.1	625.8	627.1
177.5°	628.6	627.1	628.6	630.2	630.5	628.5	625.6	624.2	624.8	626.1	627.1
180°	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-400K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2462.9	2449.0	2449.0	2426.1	2416.9	2410.0	2398.5	2364.0	2354.9	2345.6	2359.4
5°	2483.5	2458.2	2439.9	2398.5	2364.0	2350.3	2306.6	2223.9	2168.8	2127.4	2104.4
7.5°	2488.1	2455.9	2421.5	2357.1	2274.4	2237.6	2104.4	1952.8	1911.4	1874.7	1851.7
10°	2483.5	2446.7	2398.5	2302.0	2106.8	2042.4	1909.2	1810.3	1785.1	1778.2	1785.1
12.5°	2467.4	2433.0	2366.4	2205.5	1932.2	1888.4	1810.3	1752.9	1748.3	1759.8	1821.8
15°	2439.9	2407.6	2329.6	2076.9	1835.7	1803.4	1748.3	1727.7	1752.9	1833.3	2019.4
17.5°	2412.3	2375.5	2279.0	1950.5	1762.1	1739.2	1700.1	1741.4	1883.9	1991.8	2053.9
20°	2375.5	2331.9	2221.6	1858.6	1709.3	1688.6	1670.2	1856.3	1964.3	2003.3	2037.8
22.5°	2331.9	2285.9	2143.5	1794.3	1654.1	1638.1	1649.6	1920.7	1964.3	1991.8	2021.7
25°	2274.4	2235.4	2051.5	1743.7	1610.5	1592.1	1635.7	1913.8	1939.0	1945.9	2005.7
27.5°	2221.6	2171.0	1955.1	1697.8	1557.6	1550.7	1647.2	1883.9	1902.3	1909.2	1973.4
30°	2157.3	2081.4	1847.1	1649.6	1502.5	1500.2	1649.6	1847.1	1842.5	1860.9	1925.2
32.5°	2090.7	1948.2	1725.3	1589.8	1449.7	1447.4	1633.5	1791.9	1787.4	1812.7	1860.9
35°	2028.6	1844.8	1560.0	1520.9	1383.0	1385.3	1594.4	1727.7	1729.9	1752.9	1782.8
37.5°	1964.3	1755.2	1378.5	1445.1	1318.7	1318.7	1541.6	1667.9	1663.3	1670.2	1711.6
40°	1888.4	1615.1	1217.6	1346.2	1259.0	1252.1	1477.2	1603.6	1587.5	1585.2	1642.7
42.5°	1808.1	1461.1	1098.1	1215.4	1190.0	1180.9	1399.1	1525.5	1495.6	1502.5	1576.0
45°	1720.7	1419.8	1006.3	1026.9	1118.9	1111.9	1314.1	1435.9	1415.2	1433.6	1509.4
47.5°	1633.5	1337.1	976.4	852.3	1043.0	1040.8	1219.9	1348.6	1337.1	1355.5	1435.9
50°	1514.0	1245.2	974.1	730.6	958.0	967.2	1107.4	1263.6	1263.6	1279.6	1364.6
52.5°	1360.1	1132.6	884.5	661.7	859.3	886.8	1008.5	1190.0	1194.6	1210.7	1286.5
55°	1219.9	1015.4	820.2	608.8	742.1	801.8	912.0	1114.3	1123.4	1139.5	1208.4
57.5°	1091.3	845.4	806.4	546.8	634.1	691.5	827.0	1040.8	1045.3	1059.1	1125.7
60°	953.4	611.1	739.8	480.2	539.9	583.6	748.9	953.4	969.5	978.7	1036.1
62.5°	797.2	443.4	670.8	434.2	493.9	503.1	684.7	870.7	891.4	898.3	932.8
65°	567.4	372.2	569.8	395.2	445.7	448.0	615.7	785.7	804.1	815.6	840.9
67.5°	383.7	303.2	434.2	358.4	409.0	411.2	549.1	686.9	712.2	721.4	737.4
70°	266.5	202.2	321.6	319.3	367.6	372.2	477.8	597.3	620.3	627.2	636.4
72.5°	195.2	163.1	266.5	287.2	324.0	328.6	404.3	496.2	519.2	526.1	530.7
75°	149.4	172.3	216.0	250.5	275.7	278.0	330.8	404.3	420.4	425.1	427.3
77.5°	119.5	160.8	158.5	202.2	225.1	220.6	259.6	312.5	326.2	326.2	326.2
80°	89.6	126.4	119.5	144.7	165.4	160.8	186.1	222.9	227.5	232.0	229.7
82.5°	66.6	80.4	80.4	91.9	110.2	105.7	124.1	144.7	144.7	144.7	149.4
85°	41.4	46.0	36.7	48.2	62.0	59.7	68.9	78.1	80.4	80.4	75.9
87.5°	25.3	20.6	11.5	18.4	27.6	27.6	32.1	34.5	32.1	32.1	32.1
90°	11.0	7.5	4.2	7.5	11.0	11.8	18.5	27.4	32.0	28.4	21.4
92.5°	74.0	45.4	16.8	45.4	74.0	81.2	114.1	158.1	180.1	157.9	113.3
95°	145.1	92.8	40.4	92.8	145.1	158.2	281.0	444.7	526.5	469.9	356.5
97.5°	162.2	116.0	69.9	116.0	162.2	173.8	378.5	651.4	787.9	752.1	680.5
100°	176.4	134.5	92.6	134.5	176.4	186.9	414.0	716.9	868.3	870.9	876.2
102.5°	190.2	151.1	112.0	151.1	190.2	200.0	430.3	737.4	891.0	936.7	1028.0
105°	211.1	178.0	144.8	178.0	211.1	219.3	442.4	739.8	888.5	990.8	1195.4
107.5°	240.2	209.4	178.5	209.4	240.2	247.9	444.6	706.8	838.0	980.7	1266.2
110°	256.9	229.1	201.2	229.1	256.9	263.9	441.2	677.7	795.9	955.5	1274.6



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	276.6	250.0	223.5	250.0	276.6	283.2	441.4	652.2	757.6	920.9	1247.5
115°	306.1	281.7	257.2	281.7	306.1	312.3	445.4	622.9	711.7	869.0	1183.7
117.5°	334.9	312.6	290.4	312.6	334.9	340.5	453.8	604.6	680.1	822.2	1106.1
120°	351.7	330.7	309.7	330.7	351.7	356.9	460.5	598.5	667.6	797.3	1056.7
122.5°	371.0	349.8	328.8	349.8	371.0	376.3	470.1	595.3	657.9	774.6	1008.3
125°	396.3	377.0	357.7	377.0	396.3	401.1	483.2	592.6	647.4	746.6	945.1
127.5°	420.2	400.8	381.3	400.8	420.2	425.1	496.2	591.1	638.5	723.7	894.1
130°	435.8	414.9	393.9	414.9	435.8	441.1	505.8	592.1	635.2	711.0	862.7
132.5°	448.9	428.0	407.0	428.0	448.9	454.1	513.5	592.6	632.2	700.1	835.9
135°	464.5	445.4	426.3	445.4	464.5	469.3	521.9	592.1	627.1	683.9	797.7
137.5°	483.9	465.0	446.2	465.0	483.9	488.6	534.5	595.7	626.3	674.3	770.5
140°	497.4	479.9	462.5	479.9	497.4	501.7	542.3	596.3	623.3	664.8	747.9
142.5°	507.4	491.3	475.2	491.3	507.4	511.4	548.7	598.4	623.3	659.8	732.7
145°	522.5	508.6	494.6	508.6	522.5	526.1	557.1	598.5	619.1	649.0	708.7
147.5°	541.2	527.5	513.9	527.5	541.2	544.6	569.4	602.6	619.1	642.6	689.6
150°	551.2	538.8	526.5	538.8	551.2	554.3	576.0	604.7	619.1	639.0	678.6
152.5°	558.3	549.0	539.6	549.0	558.3	560.7	580.1	606.1	619.1	636.1	669.9
155°	572.8	565.8	558.9	565.8	572.8	574.5	589.4	609.2	619.1	632.6	659.6
157.5°	586.7	580.0	573.2	580.0	586.7	588.4	598.7	612.3	619.1	629.6	650.5
160°	593.4	588.2	582.9	588.2	593.4	594.7	602.8	613.7	619.1	628.1	646.0
162.5°	600.5	596.6	592.6	596.6	600.5	601.5	607.4	615.2	619.1	626.7	641.8
165°	610.3	606.7	603.1	606.7	610.3	611.2	613.8	617.3	619.1	624.6	635.4
167.5°	616.1	614.5	612.8	614.5	616.1	616.6	618.9	621.8	623.3	626.8	634.0
170°	622.5	620.8	619.1	620.8	622.5	622.9	623.0	623.2	623.3	626.8	634.0
172.5°	623.2	622.8	622.5	622.8	623.2	623.3	623.3	623.3	623.3	626.1	631.7
175°	627.1	627.1	627.1	627.1	627.1	627.1	625.8	624.1	623.3	625.1	628.6
177.5°	627.1	627.1	627.1	627.1	627.1	627.1	626.1	624.8	624.2	625.6	628.5
180°	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2343.4	2336.5	2345.6	2320.4	2345.6	2336.5	2343.4	2359.4	2345.6	2354.9	2364.0
5°	2056.2	2044.7	2007.9	1978.0	2007.9	2044.7	2056.2	2104.4	2127.4	2168.8	2223.9
7.5°	1837.9	1828.7	1819.6	1801.2	1819.6	1828.7	1837.9	1851.7	1874.7	1911.4	1952.8
10°	1789.7	1791.9	1805.8	1803.4	1805.8	1791.9	1789.7	1785.1	1778.2	1785.1	1810.3
12.5°	1913.8	1934.4	2010.3	2005.7	2010.3	1934.4	1913.8	1821.8	1759.8	1748.3	1752.9
15°	2056.2	2063.0	2079.2	2081.4	2079.2	2063.0	2056.2	2019.4	1833.3	1752.9	1727.7
17.5°	2069.9	2072.3	2083.8	2083.8	2083.8	2072.3	2069.9	2053.9	1991.8	1883.9	1741.4
20°	2058.5	2063.0	2086.0	2090.7	2086.0	2063.0	2058.5	2037.8	2003.3	1964.3	1856.3
22.5°	2053.9	2063.0	2081.4	2079.2	2081.4	2063.0	2053.9	2021.7	1991.8	1964.3	1920.7
25°	2030.9	2030.9	2033.2	2035.5	2033.2	2030.9	2030.9	2005.7	1945.9	1939.0	1913.8
27.5°	1982.7	1987.3	2001.0	1998.8	2001.0	1987.3	1982.7	1973.4	1909.2	1902.3	1883.9
30°	1939.0	1934.4	1922.9	1913.8	1922.9	1934.4	1939.0	1925.2	1860.9	1842.5	1847.1
32.5°	1865.5	1854.0	1842.5	1835.7	1842.5	1854.0	1865.5	1860.9	1812.7	1787.4	1791.9
35°	1778.2	1780.5	1778.2	1771.3	1778.2	1780.5	1778.2	1782.8	1752.9	1729.9	1727.7
37.5°	1716.2	1720.7	1718.4	1709.3	1718.4	1720.7	1716.2	1711.6	1670.2	1663.3	1667.9
40°	1651.8	1654.1	1651.8	1644.9	1651.8	1654.1	1651.8	1642.7	1585.2	1587.5	1603.6
42.5°	1589.8	1587.5	1580.6	1576.0	1580.6	1587.5	1589.8	1576.0	1502.5	1495.6	1525.5
45°	1518.6	1520.9	1507.1	1500.2	1507.1	1520.9	1518.6	1509.4	1433.6	1415.2	1435.9
47.5°	1447.4	1447.4	1435.9	1429.0	1435.9	1447.4	1447.4	1435.9	1355.5	1337.1	1348.6
50°	1371.6	1369.2	1353.2	1350.9	1353.2	1369.2	1371.6	1364.6	1279.6	1263.6	1263.6
52.5°	1284.2	1284.2	1286.5	1291.1	1286.5	1284.2	1284.2	1286.5	1210.7	1194.6	1190.0
55°	1208.4	1210.7	1226.9	1231.4	1226.9	1210.7	1208.4	1208.4	1139.5	1123.4	1114.3
57.5°	1130.4	1130.4	1141.8	1141.8	1141.8	1130.4	1130.4	1125.7	1059.1	1045.3	1040.8
60°	1040.8	1045.3	1054.5	1052.2	1054.5	1045.3	1040.8	1036.1	978.7	969.5	953.4
62.5°	946.5	951.1	953.4	948.8	953.4	951.1	946.5	932.8	898.3	891.4	870.7
65°	847.8	852.3	854.7	850.0	854.7	852.3	847.8	840.9	815.6	804.1	785.7
67.5°	746.7	744.3	742.1	751.3	742.1	744.3	746.7	737.4	721.4	712.2	686.9
70°	643.3	643.3	640.9	645.6	640.9	643.3	643.3	636.4	627.2	620.3	597.3
72.5°	533.0	530.7	539.9	533.0	539.9	530.7	533.0	530.7	526.1	519.2	496.2
75°	425.1	429.6	425.1	431.9	425.1	429.6	425.1	427.3	425.1	420.4	404.3
77.5°	324.0	328.6	324.0	324.0	324.0	328.6	324.0	326.2	326.2	326.2	312.5
80°	229.7	227.5	227.5	225.1	227.5	227.5	229.7	229.7	232.0	227.5	222.9
82.5°	147.0	144.7	144.7	149.4	144.7	144.7	147.0	149.4	144.7	144.7	144.7
85°	80.4	82.7	78.1	78.1	78.1	82.7	80.4	75.9	80.4	80.4	78.1
87.5°	29.9	27.6	27.6	27.6	27.6	27.6	29.9	32.1	32.1	32.1	34.5
90°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	21.4	28.4	32.0	27.4
92.5°	79.9	76.8	64.0	51.3	64.0	76.8	79.9	113.3	157.9	180.1	158.1
95°	271.5	261.9	223.3	184.7	223.3	261.9	271.5	356.5	469.9	526.5	444.7
97.5°	626.7	608.4	535.0	461.7	535.0	608.4	626.7	680.5	752.1	787.9	651.4
100°	880.1	858.3	770.8	683.5	770.8	858.3	880.1	876.2	870.9	868.3	716.9
102.5°	1096.4	1077.7	1002.9	928.1	1002.9	1077.7	1096.4	1028.0	936.7	891.0	737.4
105°	1349.0	1338.9	1298.6	1258.4	1298.6	1338.9	1349.0	1195.4	990.8	888.5	739.8
107.5°	1480.3	1482.7	1492.4	1502.1	1492.4	1482.7	1480.3	1266.2	980.7	838.0	706.8
110°	1514.0	1524.5	1566.3	1608.2	1566.3	1524.5	1514.0	1274.6	955.5	795.9	677.7



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1492.4	1508.5	1572.9	1637.3	1572.9	1508.5	1492.4	1247.5	920.9	757.6	652.2
115°	1419.7	1441.9	1531.2	1620.4	1531.2	1441.9	1419.7	1183.7	869.0	711.7	622.9
117.5°	1319.1	1343.8	1442.7	1541.7	1442.7	1343.8	1319.1	1106.1	822.2	680.1	604.6
120°	1251.3	1275.4	1371.5	1467.6	1371.5	1275.4	1251.3	1056.7	797.3	667.6	598.5
122.5°	1183.5	1207.2	1302.1	1396.9	1302.1	1207.2	1183.5	1008.3	774.6	657.9	595.3
125°	1093.9	1115.7	1203.1	1290.5	1203.1	1115.7	1093.9	945.1	746.6	647.4	592.6
127.5°	1021.9	1040.4	1114.1	1187.8	1114.1	1040.4	1021.9	894.1	723.7	638.5	591.1
130°	976.5	993.5	1061.6	1129.6	1061.6	993.5	976.5	862.7	711.0	635.2	592.1
132.5°	937.7	953.0	1014.0	1075.0	1014.0	953.0	937.7	835.9	700.1	632.2	592.6
135°	883.0	896.1	948.7	1001.3	948.7	896.1	883.0	797.7	683.9	627.1	592.1
137.5°	842.6	853.4	896.4	939.5	896.4	853.4	842.6	770.5	674.3	626.3	595.7
140°	810.2	820.3	860.5	900.7	860.5	820.3	810.2	747.9	664.8	623.3	596.3
142.5°	787.5	796.2	830.8	865.3	830.8	796.2	787.5	732.7	659.8	623.3	598.4
145°	753.4	759.9	786.1	812.3	786.1	759.9	753.4	708.7	649.0	619.1	598.5
147.5°	724.8	730.2	751.8	773.6	751.8	730.2	724.8	689.6	642.6	619.1	602.6
150°	708.4	712.8	730.4	747.9	730.4	712.8	708.4	678.6	639.0	619.1	604.7
152.5°	695.3	698.7	711.9	725.2	711.9	698.7	695.3	669.9	636.1	619.1	606.1
155°	679.8	681.9	690.7	699.5	690.7	681.9	679.8	659.6	632.6	619.1	609.2
157.5°	666.3	667.8	674.0	680.1	674.0	667.8	666.3	650.5	629.6	619.1	612.3
160°	659.5	660.4	663.9	667.6	663.9	660.4	659.5	646.0	628.1	619.1	613.7
162.5°	653.3	654.1	657.4	660.8	657.4	654.1	653.3	641.8	626.7	619.1	615.2
165°	643.6	644.5	648.0	651.5	648.0	644.5	643.6	635.4	624.6	619.1	617.3
167.5°	639.3	639.7	641.2	642.7	641.2	639.7	639.3	634.0	626.8	623.3	621.8
170°	639.3	639.3	639.3	639.3	639.3	639.3	639.3	634.0	626.8	623.3	623.2
172.5°	636.0	635.6	634.3	633.0	634.3	635.6	636.0	631.7	626.1	623.3	623.3
175°	631.3	631.3	631.3	631.3	631.3	631.3	631.3	628.6	625.1	623.3	624.1
177.5°	630.5	630.2	628.6	627.1	628.6	630.2	630.5	628.5	625.6	624.2	624.8
180°	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1	627.1



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2428.4	2428.4	2428.4	2428.4	2428.4
2.5°	2398.5	2410.0	2416.9	2426.1	2449.0
5°	2306.6	2350.3	2364.0	2398.5	2439.9
7.5°	2104.4	2237.6	2274.4	2357.1	2421.5
10°	1909.2	2042.4	2106.8	2302.0	2398.5
12.5°	1810.3	1888.4	1932.2	2205.5	2366.4
15°	1748.3	1803.4	1835.7	2076.9	2329.6
17.5°	1700.1	1739.2	1762.1	1950.5	2279.0
20°	1670.2	1688.6	1709.3	1858.6	2221.6
22.5°	1649.6	1638.1	1654.1	1794.3	2143.5
25°	1635.7	1592.1	1610.5	1743.7	2051.5
27.5°	1647.2	1550.7	1557.6	1697.8	1955.1
30°	1649.6	1500.2	1502.5	1649.6	1847.1
32.5°	1633.5	1447.4	1449.7	1589.8	1725.3
35°	1594.4	1385.3	1383.0	1520.9	1560.0
37.5°	1541.6	1318.7	1318.7	1445.1	1378.5
40°	1477.2	1252.1	1259.0	1346.2	1217.6
42.5°	1399.1	1180.9	1190.0	1215.4	1098.1
45°	1314.1	1111.9	1118.9	1026.9	1006.3
47.5°	1219.9	1040.8	1043.0	852.3	976.4
50°	1107.4	967.2	958.0	730.6	974.1
52.5°	1008.5	886.8	859.3	661.7	884.5
55°	912.0	801.8	742.1	608.8	820.2
57.5°	827.0	691.5	634.1	546.8	806.4
60°	748.9	583.6	539.9	480.2	739.8
62.5°	684.7	503.1	493.9	434.2	670.8
65°	615.7	448.0	445.7	395.2	569.8
67.5°	549.1	411.2	409.0	358.4	434.2
70°	477.8	372.2	367.6	319.3	321.6
72.5°	404.3	328.6	324.0	287.2	266.5
75°	330.8	278.0	275.7	250.5	216.0
77.5°	259.6	220.6	225.1	202.2	158.5
80°	186.1	160.8	165.4	144.7	119.5
82.5°	124.1	105.7	110.2	91.9	80.4
85°	68.9	59.7	62.0	48.2	36.7
87.5°	32.1	27.6	27.6	18.4	11.5
90°	18.5	11.8	11.0	7.5	4.2
92.5°	114.1	81.2	74.0	45.4	16.8
95°	281.0	158.2	145.1	92.8	40.4
97.5°	378.5	173.8	162.2	116.0	69.9
100°	414.0	186.9	176.4	134.5	92.6
102.5°	430.3	200.0	190.2	151.1	112.0
105°	442.4	219.3	211.1	178.0	144.8
107.5°	444.6	247.9	240.2	209.4	178.5
110°	441.2	263.9	256.9	229.1	201.2



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	441.4	283.2	276.6	250.0	223.5
115°	445.4	312.3	306.1	281.7	257.2
117.5°	453.8	340.5	334.9	312.6	290.4
120°	460.5	356.9	351.7	330.7	309.7
122.5°	470.1	376.3	371.0	349.8	328.8
125°	483.2	401.1	396.3	377.0	357.7
127.5°	496.2	425.1	420.2	400.8	381.3
130°	505.8	441.1	435.8	414.9	393.9
132.5°	513.5	454.1	448.9	428.0	407.0
135°	521.9	469.3	464.5	445.4	426.3
137.5°	534.5	488.6	483.9	465.0	446.2
140°	542.3	501.7	497.4	479.9	462.5
142.5°	548.7	511.4	507.4	491.3	475.2
145°	557.1	526.1	522.5	508.6	494.6
147.5°	569.4	544.6	541.2	527.5	513.9
150°	576.0	554.3	551.2	538.8	526.5
152.5°	580.1	560.7	558.3	549.0	539.6
155°	589.4	574.5	572.8	565.8	558.9
157.5°	598.7	588.4	586.7	580.0	573.2
160°	602.8	594.7	593.4	588.2	582.9
162.5°	607.4	601.5	600.5	596.6	592.6
165°	613.8	611.2	610.3	606.7	603.1
167.5°	618.9	616.6	616.1	614.5	612.8
170°	623.0	622.9	622.5	620.8	619.1
172.5°	623.3	623.3	623.2	622.8	622.5
175°	625.8	627.1	627.1	627.1	627.1
177.5°	626.1	627.1	627.1	627.1	627.1
180°	627.1	627.1	627.1	627.1	627.1



TEST NUMBER: P934963

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-6-4000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.16	16.12	16.01	17.00	18.11	17.98	18.95	18.84	19.83	20.94
	3H	15.64	16.51	16.51	17.40	18.53	19.33	20.20	20.20	21.09	22.22
	4H	15.84	16.66	16.72	17.55	18.70	19.78	20.60	20.67	21.49	22.64
	6H	15.96	16.72	16.86	17.62	18.78	20.07	20.82	20.97	21.73	22.88
	8H	15.97	16.68	16.87	17.61	18.76	20.15	20.86	21.05	21.79	22.94
	12H	15.94	16.63	16.85	17.54	18.72	20.19	20.87	21.10	21.79	22.97
4H	2H	16.20	17.02	17.09	17.92	19.06	18.40	19.22	19.29	20.12	21.26
	3H	17.24	17.92	18.14	18.85	20.01	19.92	20.60	20.82	21.53	22.69
	4H	17.52	18.14	18.43	19.06	20.25	20.45	21.07	21.36	21.99	23.18
	6H	17.65	18.19	18.58	19.13	20.32	20.82	21.35	21.75	22.30	23.49
	8H	17.66	18.16	18.59	19.10	20.30	20.93	21.43	21.86	22.37	23.57
	12H	17.63	18.08	18.58	19.04	20.25	20.99	21.44	21.94	22.40	23.60
8H	4H	17.98	18.48	18.91	19.42	20.62	20.58	21.08	21.51	22.02	23.22
	6H	18.24	18.66	19.20	19.64	20.84	21.02	21.44	21.98	22.42	23.62
	8H	18.29	18.65	19.26	19.63	20.85	21.17	21.54	22.14	22.51	23.73
	12H	18.28	18.60	19.25	19.57	20.83	21.27	21.60	22.24	22.56	23.83
12H	4H	17.99	18.44	18.94	19.40	20.61	20.55	21.00	21.50	21.96	23.17
	6H	18.31	18.67	19.27	19.65	20.86	21.02	21.39	21.99	22.36	23.58
	8H	18.38	18.70	19.35	19.67	20.93	21.18	21.51	22.15	22.47	23.74