

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: P934537

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934537
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

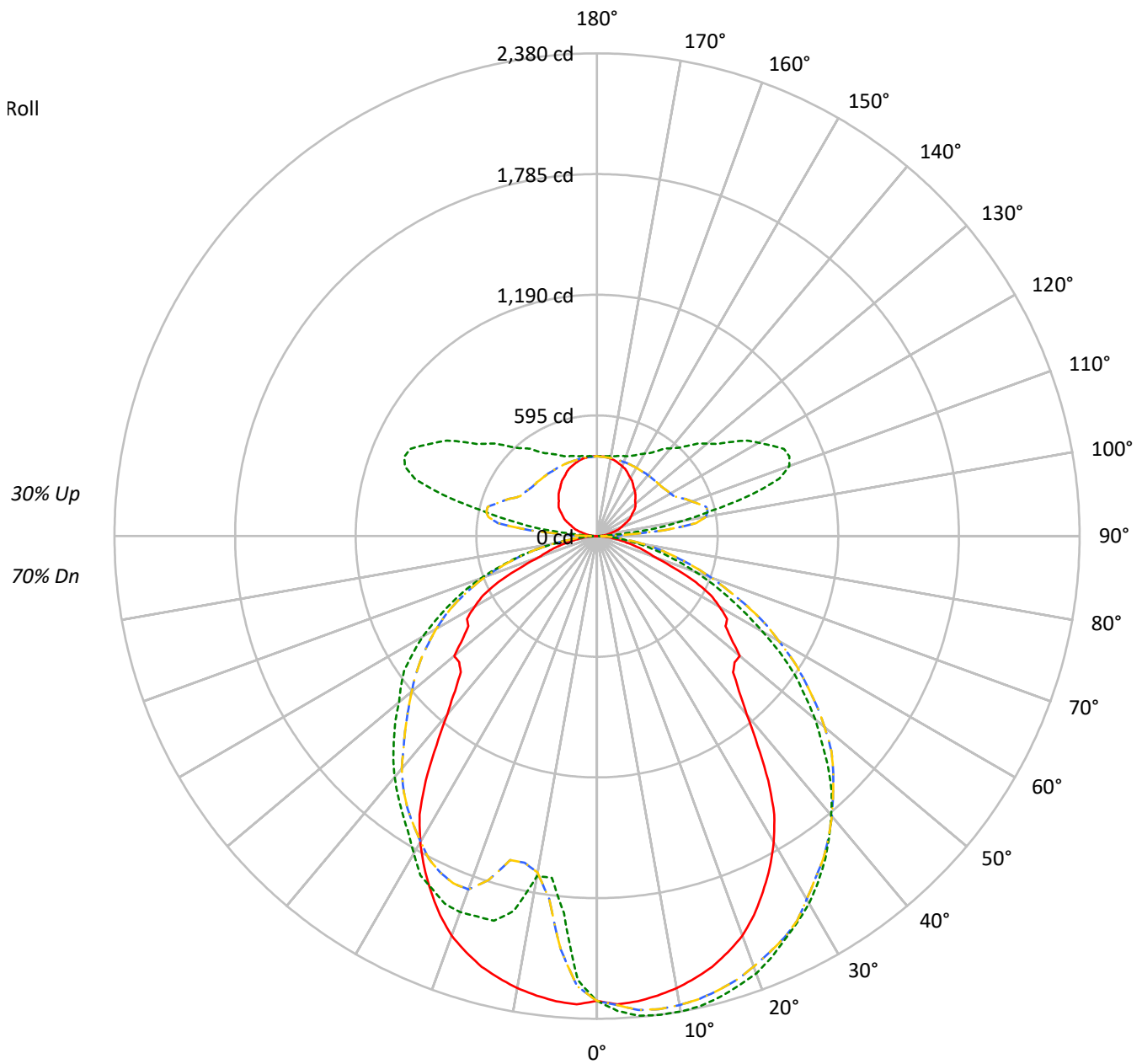
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8493.5 lumens
Efficiency: N/A
Efficacy: 101.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70	
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	59	
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50	
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42	
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36	
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31	
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27	
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24	
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	22	
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19	
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14276	14309	14276	11251
10°	14175	14096	14175	10077
15°	14016	13790	14016	11515
20°	13718	13428	13718	11539
25°	13112	12900	13112	11295
30°	12331	12462	12331	10758
35°	10988	11908	10988	10167
40°	9151	11256	9151	9722
45°	8171	10492	8171	9209
50°	8674	9582	8674	8695
55°	8153	8600	8153	8397
60°	8395	7304	8395	7691
65°	7599	6039	7599	6750
70°	5249	4812	5249	5658
75°	4586	3558	4586	4260
80°	3668	2352	3668	2560
85°	2069	1245	2069	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12531 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.8	2.4
10°-20°	587.3	6.9
20°-30°	907.8	10.7
30°-40°	1083.8	12.8
40°-50°	1090.1	12.8
50°-60°	948.5	11.2
60°-70°	672.5	7.9
70°-80°	355.8	4.2
80°-90°	90.1	1.1
90°-100°	191.8	2.3
100°-110°	504.2	5.9
110°-120°	522.8	6.2
120°-130°	419.4	4.9
130°-140°	329.1	3.9
140°-150°	252.6	3.0
150°-160°	181.9	2.1
160°-170°	111.3	1.3
170°-180°	37.6	0.4
0°-30°	1702.0	20.0
0°-40°	2785.7	32.8
0°-60°	4824.4	56.8
0°-90°	5942.8	70.0
90°-120°	1218.9	14.4
90°-150°	2219.9	26.1
90°-180°	2551.0	30.0
0°-180°	8493.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2292	2292	2292	2292	2292	
5°	2302	2374	2302	1866	2302	218
15°	2198	2352	2198	1964	2198	619
25°	1936	2194	1936	1921	1936	889
35°	1472	1958	1472	1671	1472	911
45°	950	1613	950	1416	950	761
55°	774	1190	774	1162	774	711
65°	538	718	538	802	538	514
75°	204	340	204	408	204	214
85°	35	87	35	74	35	47
90°	3	10	3	10	3	4
95°	25	116	25	116	25	28
105°	91	790	91	790	91	96
115°	161	1017	161	1017	161	159
125°	224	810	224	810	224	199
135°	268	628	268	628	268	207
145°	310	510	310	510	310	194
155°	351	439	351	439	351	161
165°	378	409	378	409	378	107
175°	394	396	394	396	394	37
180°	394	394	394	394	394	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2310.9	2310.9	2324.0	2328.3	2328.3	2321.8	2315.3	2321.8	2341.3	2347.8	2345.6
5°	2302.3	2319.6	2343.5	2347.8	2352.2	2350.0	2345.6	2350.0	2371.7	2376.0	2378.1
7.5°	2285.0	2317.4	2347.8	2354.3	2360.8	2354.3	2352.2	2356.5	2378.1	2382.5	2382.5
10°	2263.3	2308.8	2343.5	2347.8	2354.3	2347.8	2347.8	2356.5	2378.1	2382.5	2384.6
12.5°	2232.9	2295.8	2328.3	2332.6	2341.3	2339.1	2337.0	2345.6	2367.3	2371.7	2371.7
15°	2198.3	2271.9	2302.3	2306.7	2321.8	2317.4	2317.4	2326.1	2350.0	2356.5	2354.3
17.5°	2150.5	2241.6	2276.3	2282.7	2293.6	2291.5	2293.6	2302.3	2324.0	2328.3	2330.5
20°	2096.4	2200.4	2241.6	2248.1	2258.9	2258.9	2258.9	2269.8	2291.5	2300.1	2300.1
22.5°	2022.7	2157.0	2200.4	2204.8	2217.7	2217.7	2222.1	2237.2	2256.8	2258.9	2258.9
25°	1935.9	2109.4	2146.2	2159.2	2172.2	2178.7	2185.2	2193.9	2200.4	2198.3	2200.4
27.5°	1844.8	2048.6	2096.4	2105.0	2122.3	2128.8	2137.5	2139.7	2141.9	2148.4	2144.0
30°	1742.9	1964.1	2035.6	2044.3	2072.5	2076.8	2068.2	2072.5	2083.3	2087.7	2092.0
32.5°	1628.1	1838.3	1972.8	1992.3	2018.3	2005.3	2003.1	2009.6	2026.9	2026.9	2031.3
35°	1472.0	1740.8	1914.3	1931.6	1951.1	1935.9	1944.6	1946.7	1957.6	1964.1	1961.9
37.5°	1300.8	1656.2	1853.5	1866.5	1881.7	1862.2	1875.2	1881.7	1890.4	1886.1	1886.1
40°	1149.0	1524.0	1782.0	1790.7	1803.7	1788.5	1801.5	1805.9	1810.2	1805.9	1803.7
42.5°	1036.2	1378.7	1706.1	1717.0	1708.3	1719.1	1723.5	1732.2	1725.6	1717.0	1717.0
45°	949.5	1339.8	1623.7	1636.8	1623.7	1641.1	1647.6	1647.6	1628.1	1623.7	1621.6
47.5°	921.3	1261.7	1541.4	1541.4	1534.9	1556.6	1567.4	1552.2	1532.6	1526.2	1526.2
50°	919.2	1175.0	1428.6	1420.0	1450.3	1476.4	1465.5	1450.3	1435.1	1411.3	1411.3
52.5°	834.7	1068.8	1283.4	1315.9	1363.6	1378.7	1361.4	1346.3	1320.2	1309.4	1300.8
55°	773.9	958.2	1151.1	1216.2	1266.1	1285.5	1253.0	1237.9	1198.9	1192.4	1188.0
57.5°	760.9	797.8	1029.7	1112.2	1172.8	1170.7	1151.1	1122.9	1090.5	1084.0	1081.8
60°	698.1	576.6	899.7	997.2	1060.1	1053.6	1036.2	1010.3	979.9	975.6	971.2
62.5°	633.0	418.4	752.2	862.8	951.7	949.5	934.3	895.3	873.7	862.8	854.1
65°	537.7	351.2	535.5	717.6	845.5	849.8	817.3	789.1	765.3	752.2	750.1
67.5°	409.7	286.1	362.1	598.3	743.6	739.2	698.1	685.0	654.7	648.2	635.2
70°	303.5	190.8	251.5	485.6	643.8	633.0	600.5	585.3	557.1	541.9	533.3
72.5°	251.5	153.9	184.2	377.2	541.9	529.0	500.8	483.4	459.6	446.6	437.9
75°	203.8	162.6	140.9	279.6	440.0	431.4	405.4	388.0	368.6	351.2	353.4
77.5°	149.6	151.8	112.7	205.9	349.0	336.0	320.8	299.2	290.5	273.2	273.2
80°	112.7	119.2	84.6	140.9	251.5	251.5	238.5	223.3	208.2	199.4	199.4
82.5°	75.8	75.8	62.9	88.9	171.3	164.8	156.0	151.8	143.1	138.7	138.7
85°	34.7	43.4	39.0	54.2	93.2	97.5	97.5	93.2	91.1	86.7	88.9
87.5°	10.8	19.5	23.8	30.3	47.7	49.9	52.0	52.0	52.0	54.2	54.2
90°	2.6	4.8	6.9	7.4	11.6	17.3	20.1	17.9	13.3	10.0	10.0
92.5°	10.6	28.5	46.5	51.0	71.7	99.2	113.0	99.0	71.1	50.1	48.2
95°	25.4	58.2	91.1	99.2	176.3	279.0	330.4	294.8	223.7	170.3	164.2
97.5°	43.8	72.9	101.8	109.1	237.5	408.8	494.4	471.9	426.9	393.2	381.6
100°	58.1	84.4	110.7	117.3	259.7	449.8	544.8	546.4	549.7	552.2	538.5
102.5°	70.2	94.8	119.3	125.5	270.0	462.7	559.0	587.6	645.0	687.9	676.2
105°	90.9	111.6	132.4	137.6	277.5	464.1	557.4	621.6	750.0	846.4	840.0
107.5°	112.0	131.4	150.7	155.5	279.0	443.5	525.7	615.2	794.3	928.7	930.2
110°	126.2	143.7	161.2	165.5	276.8	425.2	499.3	599.4	799.7	949.9	956.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	140.2	156.9	173.6	177.7	276.9	409.2	475.3	577.8	782.7	936.4	946.5
115°	161.3	176.7	192.1	195.9	279.5	390.8	446.5	545.3	742.7	890.7	904.7
117.5°	182.2	196.2	210.1	213.6	284.7	379.4	426.7	515.8	694.0	827.6	843.1
120°	194.3	207.5	220.6	224.0	288.9	375.5	418.8	500.2	663.0	785.0	800.1
122.5°	206.3	219.5	232.7	236.1	294.9	373.4	412.7	486.0	632.7	742.6	757.4
125°	224.5	236.5	248.6	251.6	303.1	371.8	406.1	468.4	592.9	686.3	700.0
127.5°	239.2	251.5	263.7	266.7	311.3	370.9	400.6	454.1	560.9	641.1	652.6
130°	247.2	260.3	273.5	276.7	317.3	371.4	398.5	446.0	541.3	612.7	623.3
132.5°	255.4	268.5	281.7	284.9	322.2	371.8	396.7	439.3	524.4	588.3	597.9
135°	267.5	279.5	291.4	294.4	327.5	371.5	393.5	429.2	500.5	554.0	562.3
137.5°	279.9	291.8	303.6	306.5	335.3	373.7	392.9	423.0	483.4	528.6	535.4
140°	290.2	301.2	312.0	314.7	340.2	374.1	391.1	417.2	469.3	508.3	514.6
142.5°	298.1	308.2	318.2	320.8	344.2	375.5	391.1	414.0	459.7	494.0	499.5
145°	310.3	319.1	327.9	330.1	349.6	375.5	388.5	407.2	444.6	472.7	476.8
147.5°	322.4	331.0	339.6	341.7	357.3	378.0	388.5	403.1	432.6	454.7	458.2
150°	330.4	338.1	345.8	347.8	361.4	379.4	388.5	400.9	425.8	444.4	447.1
152.5°	338.5	344.4	350.3	351.7	363.9	380.3	388.5	399.0	420.3	436.2	438.3
155°	350.7	355.1	359.3	360.4	369.8	382.2	388.5	396.9	413.8	426.5	427.8
157.5°	359.7	363.9	368.1	369.2	375.6	384.2	388.5	395.0	408.2	418.0	418.9
160°	365.7	369.0	372.2	373.1	378.2	385.0	388.5	394.1	405.4	413.8	414.3
162.5°	371.8	374.3	376.8	377.4	381.0	386.0	388.5	393.2	402.7	409.8	410.3
165°	378.4	380.6	382.8	383.4	385.1	387.3	388.5	391.9	398.6	403.7	404.3
167.5°	384.4	385.5	386.6	386.8	388.3	390.2	391.1	393.3	397.8	401.1	401.4
170°	388.5	389.5	390.6	390.8	390.9	391.0	391.1	393.3	397.8	401.1	401.1
172.5°	390.6	390.8	391.0	391.1	391.1	391.1	391.1	392.8	396.3	399.0	398.8
175°	393.5	393.5	393.5	393.5	392.7	391.6	391.1	392.2	394.4	396.1	396.1
177.5°	393.5	393.5	393.5	393.5	392.9	392.0	391.6	392.5	394.3	395.5	395.3
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2350.0	2343.5	2350.0	2345.6	2347.8	2341.3	2321.8	2315.3	2321.8	2328.3	2328.3
5°	2378.1	2373.8	2378.1	2378.1	2376.0	2371.7	2350.0	2345.6	2350.0	2352.2	2347.8
7.5°	2386.9	2380.4	2386.9	2382.5	2382.5	2378.1	2356.5	2352.2	2354.3	2360.8	2354.3
10°	2386.9	2380.4	2386.9	2384.6	2382.5	2378.1	2356.5	2347.8	2347.8	2354.3	2347.8
12.5°	2376.0	2371.7	2376.0	2371.7	2371.7	2367.3	2345.6	2337.0	2339.1	2341.3	2332.6
15°	2358.7	2352.2	2358.7	2354.3	2356.5	2350.0	2326.1	2317.4	2317.4	2321.8	2306.7
17.5°	2332.6	2324.0	2332.6	2330.5	2328.3	2324.0	2302.3	2293.6	2291.5	2293.6	2282.7
20°	2302.3	2295.8	2302.3	2300.1	2300.1	2291.5	2269.8	2258.9	2258.9	2258.9	2248.1
22.5°	2254.6	2248.1	2254.6	2258.9	2258.9	2256.8	2237.2	2222.1	2217.7	2217.7	2204.8
25°	2200.4	2193.9	2200.4	2200.4	2198.3	2200.4	2193.9	2185.2	2178.7	2172.2	2159.2
27.5°	2148.4	2144.0	2148.4	2144.0	2148.4	2141.9	2139.7	2137.5	2128.8	2122.3	2105.0
30°	2096.4	2092.0	2096.4	2092.0	2087.7	2083.3	2072.5	2068.2	2076.8	2072.5	2044.3
32.5°	2031.3	2026.9	2031.3	2031.3	2026.9	2026.9	2009.6	2003.1	2005.3	2018.3	1992.3
35°	1964.1	1957.6	1964.1	1961.9	1964.1	1957.6	1946.7	1944.6	1935.9	1951.1	1931.6
37.5°	1886.1	1879.5	1886.1	1886.1	1886.1	1890.4	1881.7	1875.2	1862.2	1881.7	1866.5
40°	1805.9	1797.2	1805.9	1803.7	1805.9	1810.2	1805.9	1801.5	1788.5	1803.7	1790.7
42.5°	1714.8	1712.6	1714.8	1717.0	1717.0	1725.6	1732.2	1723.5	1719.1	1708.3	1717.0
45°	1617.2	1612.9	1617.2	1621.6	1623.7	1628.1	1647.6	1647.6	1641.1	1623.7	1636.8
47.5°	1513.2	1502.3	1513.2	1526.2	1526.2	1532.6	1552.2	1567.4	1556.6	1534.9	1541.4
50°	1402.6	1404.8	1402.6	1411.3	1411.3	1435.1	1450.3	1465.5	1476.4	1450.3	1420.0
52.5°	1294.3	1292.0	1294.3	1300.8	1309.4	1320.2	1346.3	1361.4	1378.7	1363.6	1315.9
55°	1185.8	1190.1	1185.8	1188.0	1192.4	1198.9	1237.9	1253.0	1285.5	1266.1	1216.2
57.5°	1077.4	1070.9	1077.4	1081.8	1084.0	1090.5	1122.9	1151.1	1170.7	1172.8	1112.2
60°	951.7	943.0	951.7	971.2	975.6	979.9	1010.3	1036.2	1053.6	1060.1	997.2
62.5°	841.1	825.9	841.1	854.1	862.8	873.7	895.3	934.3	949.5	951.7	862.8
65°	724.0	717.6	724.0	750.1	752.2	765.3	789.1	817.3	849.8	845.5	717.6
67.5°	617.9	617.9	617.9	635.2	648.2	654.7	685.0	698.1	739.2	743.6	598.3
70°	520.2	518.1	520.2	533.3	541.9	557.1	585.3	600.5	633.0	643.8	485.6
72.5°	427.1	424.9	427.1	437.9	446.6	459.6	483.4	500.8	529.0	541.9	377.2
75°	344.7	340.4	344.7	353.4	351.2	368.6	388.0	405.4	431.4	440.0	279.6
77.5°	264.5	264.5	264.5	273.2	273.2	290.5	299.2	320.8	336.0	349.0	205.9
80°	197.3	195.1	197.3	199.4	199.4	208.2	223.3	238.5	251.5	251.5	140.9
82.5°	138.7	134.4	138.7	138.7	138.7	143.1	151.8	156.0	164.8	171.3	88.9
85°	86.7	86.7	86.7	88.9	86.7	91.1	93.2	97.5	97.5	93.2	54.2
87.5°	56.4	54.2	56.4	54.2	54.2	52.0	52.0	52.0	49.9	47.7	30.3
90°	10.0	10.0	10.0	10.0	10.0	13.3	17.9	20.1	17.3	11.6	7.4
92.5°	40.1	32.2	40.1	48.2	50.1	71.1	99.0	113.0	99.2	71.7	51.0
95°	140.1	115.9	140.1	164.2	170.3	223.7	294.8	330.4	279.0	176.3	99.2
97.5°	335.7	289.7	335.7	381.6	393.2	426.9	471.9	494.4	408.8	237.5	109.1
100°	483.7	428.9	483.7	538.5	552.2	549.7	546.4	544.8	449.8	259.7	117.3
102.5°	629.2	582.3	629.2	676.2	687.9	645.0	587.6	559.0	462.7	270.0	125.5
105°	814.8	789.6	814.8	840.0	846.4	750.0	621.6	557.4	464.1	277.5	137.6
107.5°	936.3	942.4	936.3	930.2	928.7	794.3	615.2	525.7	443.5	279.0	155.5
110°	982.7	1009.0	982.7	956.5	949.9	799.7	599.4	499.3	425.2	276.8	165.5



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	986.9	1027.2	986.9	946.5	936.4	782.7	577.8	475.3	409.2	276.9	177.7
115°	960.6	1016.7	960.6	904.7	890.7	742.7	545.3	446.5	390.8	279.5	195.9
117.5°	905.2	967.3	905.2	843.1	827.6	694.0	515.8	426.7	379.4	284.7	213.6
120°	860.4	920.8	860.4	800.1	785.0	663.0	500.2	418.8	375.5	288.9	224.0
122.5°	817.0	876.4	817.0	757.4	742.6	632.7	486.0	412.7	373.4	294.9	236.1
125°	754.8	809.6	754.8	700.0	686.3	592.9	468.4	406.1	371.8	303.1	251.6
127.5°	698.9	745.2	698.9	652.6	641.1	560.9	454.1	400.6	370.9	311.3	266.7
130°	666.0	708.8	666.0	623.3	612.7	541.3	446.0	398.5	371.4	317.3	276.7
132.5°	636.2	674.4	636.2	597.9	588.3	524.4	439.3	396.7	371.8	322.2	284.9
135°	595.2	628.2	595.2	562.3	554.0	500.5	429.2	393.5	371.5	327.5	294.4
137.5°	562.4	589.4	562.4	535.4	528.6	483.4	423.0	392.9	373.7	335.3	306.5
140°	539.8	565.1	539.8	514.6	508.3	469.3	417.2	391.1	374.1	340.2	314.7
142.5°	521.2	542.9	521.2	499.5	494.0	459.7	414.0	391.1	375.5	344.2	320.8
145°	493.3	509.7	493.3	476.8	472.7	444.6	407.2	388.5	375.5	349.6	330.1
147.5°	471.7	485.3	471.7	458.2	454.7	432.6	403.1	388.5	378.0	357.3	341.7
150°	458.2	469.3	458.2	447.1	444.4	425.8	400.9	388.5	379.4	361.4	347.8
152.5°	446.6	455.0	446.6	438.3	436.2	420.3	399.0	388.5	380.3	363.9	351.7
155°	433.4	438.9	433.4	427.8	426.5	413.8	396.9	388.5	382.2	369.8	360.4
157.5°	422.9	426.7	422.9	418.9	418.0	408.2	395.0	388.5	384.2	375.6	369.2
160°	416.6	418.8	416.6	414.3	413.8	405.4	394.1	388.5	385.0	378.2	373.1
162.5°	412.5	414.6	412.5	410.3	409.8	402.7	393.2	388.5	386.0	381.0	377.4
165°	406.6	408.8	406.6	404.3	403.7	398.6	391.9	388.5	387.3	385.1	383.4
167.5°	402.3	403.2	402.3	401.4	401.1	397.8	393.3	391.1	390.2	388.3	386.8
170°	401.1	401.1	401.1	401.1	401.1	397.8	393.3	391.1	391.0	390.9	390.8
172.5°	397.9	397.2	397.9	398.8	399.0	396.3	392.8	391.1	391.1	391.1	391.1
175°	396.1	396.1	396.1	396.1	396.1	394.4	392.2	391.1	391.6	392.7	393.5
177.5°	394.4	393.5	394.4	395.3	395.5	394.3	392.5	391.6	392.0	392.9	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2324.0	2310.9	2310.9	2289.3	2280.6	2274.1	2263.3	2230.7	2222.1	2213.4	2226.4
5°	2343.5	2319.6	2302.3	2263.3	2230.7	2217.7	2176.6	2098.5	2046.5	2007.5	1985.8
7.5°	2347.8	2317.4	2285.0	2224.2	2146.2	2111.5	1985.8	1842.7	1803.7	1769.0	1747.3
10°	2343.5	2308.8	2263.3	2172.2	1988.0	1927.3	1801.5	1708.3	1684.4	1677.9	1684.4
12.5°	2328.3	2295.8	2232.9	2081.2	1823.2	1782.0	1708.3	1654.1	1649.7	1660.6	1719.1
15°	2302.3	2271.9	2198.3	1959.8	1732.2	1701.8	1649.7	1630.3	1654.1	1730.0	1905.6
17.5°	2276.3	2241.6	2150.5	1840.6	1662.7	1641.1	1604.2	1643.3	1777.7	1879.5	1938.1
20°	2241.6	2200.4	2096.4	1753.8	1612.9	1593.4	1576.0	1751.6	1853.5	1890.4	1922.9
22.5°	2200.4	2157.0	2022.7	1693.1	1560.8	1545.7	1556.6	1812.4	1853.5	1879.5	1907.7
25°	2146.2	2109.4	1935.9	1645.4	1519.7	1502.3	1543.5	1805.9	1829.7	1836.2	1892.6
27.5°	2096.4	2048.6	1844.8	1602.1	1469.8	1463.3	1554.3	1777.7	1795.0	1801.5	1862.2
30°	2035.6	1964.1	1742.9	1556.6	1417.8	1415.6	1556.6	1742.9	1738.7	1756.0	1816.6
32.5°	1972.8	1838.3	1628.1	1500.2	1368.0	1365.8	1541.4	1690.9	1686.6	1710.5	1756.0
35°	1914.3	1740.8	1472.0	1435.1	1305.0	1307.2	1504.5	1630.3	1632.4	1654.1	1682.3
37.5°	1853.5	1656.2	1300.8	1363.6	1244.4	1244.4	1454.7	1573.9	1569.5	1576.0	1615.1
40°	1782.0	1524.0	1149.0	1270.3	1188.0	1181.5	1393.9	1513.2	1498.0	1495.8	1550.1
42.5°	1706.1	1378.7	1036.2	1146.8	1122.9	1114.3	1320.2	1439.5	1411.3	1417.8	1487.1
45°	1623.7	1339.8	949.5	969.0	1055.8	1049.2	1240.0	1354.9	1335.4	1352.8	1424.3
47.5°	1541.4	1261.7	921.3	804.2	984.2	982.1	1151.1	1272.6	1261.7	1279.1	1354.9
50°	1428.6	1175.0	919.2	689.4	904.0	912.6	1044.9	1192.4	1192.4	1207.5	1287.7
52.5°	1283.4	1068.8	834.7	624.4	810.8	836.8	951.7	1122.9	1127.3	1142.5	1214.0
55°	1151.1	958.2	773.9	574.5	700.2	756.6	860.6	1051.4	1060.1	1075.3	1140.3
57.5°	1029.7	797.8	760.9	516.0	598.3	652.6	780.4	982.1	986.3	999.4	1062.3
60°	899.7	576.6	698.1	453.1	509.5	550.7	706.7	899.7	914.9	923.5	977.7
62.5°	752.2	418.4	633.0	409.7	466.1	474.7	646.1	821.6	841.1	847.6	880.2
65°	535.5	351.2	537.7	372.9	420.6	422.7	581.0	741.4	758.7	769.6	793.5
67.5°	362.1	286.1	409.7	338.1	385.9	388.0	518.1	648.2	672.0	680.7	695.9
70°	251.5	190.8	303.5	301.3	346.9	351.2	450.9	563.6	585.3	591.8	600.5
72.5°	184.2	153.9	251.5	271.0	305.7	310.0	381.5	468.2	489.9	496.4	500.8
75°	140.9	162.6	203.8	236.3	260.2	262.3	312.2	381.5	396.7	401.1	403.2
77.5°	112.7	151.8	149.6	190.8	212.4	208.2	245.0	294.8	307.8	307.8	307.8
80°	84.6	119.2	112.7	136.6	156.0	151.8	175.6	210.3	214.6	218.9	216.8
82.5°	62.9	75.8	75.8	86.7	104.0	99.8	117.1	136.6	136.6	136.6	140.9
85°	39.0	43.4	34.7	45.5	58.5	56.4	65.0	73.7	75.8	75.8	71.6
87.5°	23.8	19.5	10.8	17.3	26.1	26.1	30.3	32.5	30.3	30.3	30.3
90°	6.9	4.8	2.6	4.8	6.9	7.4	11.6	17.3	20.1	17.9	13.3
92.5°	46.5	28.5	10.6	28.5	46.5	51.0	71.7	99.2	113.0	99.0	71.1
95°	91.1	58.2	25.4	58.2	91.1	99.2	176.3	279.0	330.4	294.8	223.7
97.5°	101.8	72.9	43.8	72.9	101.8	109.1	237.5	408.8	494.4	471.9	426.9
100°	110.7	84.4	58.1	84.4	110.7	117.3	259.7	449.8	544.8	546.4	549.7
102.5°	119.3	94.8	70.2	94.8	119.3	125.5	270.0	462.7	559.0	587.6	645.0
105°	132.4	111.6	90.9	111.6	132.4	137.6	277.5	464.1	557.4	621.6	750.0
107.5°	150.7	131.4	112.0	131.4	150.7	155.5	279.0	443.5	525.7	615.2	794.3
110°	161.2	143.7	126.2	143.7	161.2	165.5	276.8	425.2	499.3	599.4	799.7



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	173.6	156.9	140.2	156.9	173.6	177.7	276.9	409.2	475.3	577.8	782.7
115°	192.1	176.7	161.3	176.7	192.1	195.9	279.5	390.8	446.5	545.3	742.7
117.5°	210.1	196.2	182.2	196.2	210.1	213.6	284.7	379.4	426.7	515.8	694.0
120°	220.6	207.5	194.3	207.5	220.6	224.0	288.9	375.5	418.8	500.2	663.0
122.5°	232.7	219.5	206.3	219.5	232.7	236.1	294.9	373.4	412.7	486.0	632.7
125°	248.6	236.5	224.5	236.5	248.6	251.6	303.1	371.8	406.1	468.4	592.9
127.5°	263.7	251.5	239.2	251.5	263.7	266.7	311.3	370.9	400.6	454.1	560.9
130°	273.5	260.3	247.2	260.3	273.5	276.7	317.3	371.4	398.5	446.0	541.3
132.5°	281.7	268.5	255.4	268.5	281.7	284.9	322.2	371.8	396.7	439.3	524.4
135°	291.4	279.5	267.5	279.5	291.4	294.4	327.5	371.5	393.5	429.2	500.5
137.5°	303.6	291.8	279.9	291.8	303.6	306.5	335.3	373.7	392.9	423.0	483.4
140°	312.0	301.2	290.2	301.2	312.0	314.7	340.2	374.1	391.1	417.2	469.3
142.5°	318.2	308.2	298.1	308.2	318.2	320.8	344.2	375.5	391.1	414.0	459.7
145°	327.9	319.1	310.3	319.1	327.9	330.1	349.6	375.5	388.5	407.2	444.6
147.5°	339.6	331.0	322.4	331.0	339.6	341.7	357.3	378.0	388.5	403.1	432.6
150°	345.8	338.1	330.4	338.1	345.8	347.8	361.4	379.4	388.5	400.9	425.8
152.5°	350.3	344.4	338.5	344.4	350.3	351.7	363.9	380.3	388.5	399.0	420.3
155°	359.3	355.1	350.7	355.1	359.3	360.4	369.8	382.2	388.5	396.9	413.8
157.5°	368.1	363.9	359.7	363.9	368.1	369.2	375.6	384.2	388.5	395.0	408.2
160°	372.2	369.0	365.7	369.0	372.2	373.1	378.2	385.0	388.5	394.1	405.4
162.5°	376.8	374.3	371.8	374.3	376.8	377.4	381.0	386.0	388.5	393.2	402.7
165°	382.8	380.6	378.4	380.6	382.8	383.4	385.1	387.3	388.5	391.9	398.6
167.5°	386.6	385.5	384.4	385.5	386.6	386.8	388.3	390.2	391.1	393.3	397.8
170°	390.6	389.5	388.5	389.5	390.6	390.8	390.9	391.0	391.1	393.3	397.8
172.5°	391.0	390.8	390.6	390.8	391.0	391.1	391.1	391.1	391.1	392.8	396.3
175°	393.5	393.5	393.5	393.5	393.5	393.5	392.7	391.6	391.1	392.2	394.4
177.5°	393.5	393.5	393.5	393.5	393.5	393.5	392.9	392.0	391.6	392.5	394.3
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2211.3	2204.8	2213.4	2189.6	2213.4	2204.8	2211.3	2226.4	2213.4	2222.1	2230.7
5°	1940.2	1929.4	1894.7	1866.5	1894.7	1929.4	1940.2	1985.8	2007.5	2046.5	2098.5
7.5°	1734.3	1725.6	1717.0	1699.6	1717.0	1725.6	1734.3	1747.3	1769.0	1803.7	1842.7
10°	1688.8	1690.9	1704.0	1701.8	1704.0	1690.9	1688.8	1684.4	1677.9	1684.4	1708.3
12.5°	1805.9	1825.4	1896.9	1892.6	1896.9	1825.4	1805.9	1719.1	1660.6	1649.7	1654.1
15°	1940.2	1946.7	1961.9	1964.1	1961.9	1946.7	1940.2	1905.6	1730.0	1654.1	1630.3
17.5°	1953.2	1955.4	1966.3	1966.3	1966.3	1955.4	1953.2	1938.1	1879.5	1777.7	1643.3
20°	1942.5	1946.7	1968.4	1972.8	1968.4	1946.7	1942.5	1922.9	1890.4	1853.5	1751.6
22.5°	1938.1	1946.7	1964.1	1961.9	1964.1	1946.7	1938.1	1907.7	1879.5	1853.5	1812.4
25°	1916.4	1916.4	1918.5	1920.8	1918.5	1916.4	1916.4	1892.6	1836.2	1829.7	1805.9
27.5°	1870.9	1875.2	1888.2	1886.1	1888.2	1875.2	1870.9	1862.2	1801.5	1795.0	1777.7
30°	1829.7	1825.4	1814.5	1805.9	1814.5	1825.4	1829.7	1816.6	1756.0	1738.7	1742.9
32.5°	1760.4	1749.5	1738.7	1732.2	1738.7	1749.5	1760.4	1756.0	1710.5	1686.6	1690.9
35°	1677.9	1680.1	1677.9	1671.4	1677.9	1680.1	1677.9	1682.3	1654.1	1632.4	1630.3
37.5°	1619.4	1623.7	1621.6	1612.9	1621.6	1623.7	1619.4	1615.1	1576.0	1569.5	1573.9
40°	1558.7	1560.8	1558.7	1552.2	1558.7	1560.8	1558.7	1550.1	1495.8	1498.0	1513.2
42.5°	1500.2	1498.0	1491.5	1487.1	1491.5	1498.0	1500.2	1487.1	1417.8	1411.3	1439.5
45°	1433.0	1435.1	1422.1	1415.6	1422.1	1435.1	1433.0	1424.3	1352.8	1335.4	1354.9
47.5°	1365.8	1365.8	1354.9	1348.4	1354.9	1365.8	1365.8	1354.9	1279.1	1261.7	1272.6
50°	1294.3	1292.0	1276.9	1274.7	1276.9	1292.0	1294.3	1287.7	1207.5	1192.4	1192.4
52.5°	1211.8	1211.8	1214.0	1218.3	1214.0	1211.8	1211.8	1214.0	1142.5	1127.3	1122.9
55°	1140.3	1142.5	1157.7	1162.0	1157.7	1142.5	1140.3	1140.3	1075.3	1060.1	1051.4
57.5°	1066.6	1066.6	1077.4	1077.4	1077.4	1066.6	1066.6	1062.3	999.4	986.3	982.1
60°	982.1	986.3	995.1	992.9	995.1	986.3	982.1	977.7	923.5	914.9	899.7
62.5°	893.2	897.5	899.7	895.3	899.7	897.5	893.2	880.2	847.6	841.1	821.6
65°	800.0	804.2	806.5	802.1	806.5	804.2	800.0	793.5	769.6	758.7	741.4
67.5°	704.6	702.3	700.2	708.9	700.2	702.3	704.6	695.9	680.7	672.0	648.2
70°	607.0	607.0	604.8	609.2	604.8	607.0	607.0	600.5	591.8	585.3	563.6
72.5°	502.9	500.8	509.5	502.9	509.5	500.8	502.9	500.8	496.4	489.9	468.2
75°	401.1	405.4	401.1	407.6	401.1	405.4	401.1	403.2	401.1	396.7	381.5
77.5°	305.7	310.0	305.7	305.7	305.7	310.0	305.7	307.8	307.8	307.8	294.8
80°	216.8	214.6	214.6	212.4	214.6	214.6	216.8	216.8	218.9	214.6	210.3
82.5°	138.7	136.6	136.6	140.9	136.6	136.6	138.7	140.9	136.6	136.6	136.6
85°	75.8	78.1	73.7	73.7	73.7	78.1	75.8	71.6	75.8	75.8	73.7
87.5°	28.2	26.1	26.1	26.1	26.1	26.1	28.2	30.3	30.3	30.3	32.5
90°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	13.3	17.9	20.1	17.3
92.5°	50.1	48.2	40.1	32.2	40.1	48.2	50.1	71.1	99.0	113.0	99.2
95°	170.3	164.2	140.1	115.9	140.1	164.2	170.3	223.7	294.8	330.4	279.0
97.5°	393.2	381.6	335.7	289.7	335.7	381.6	393.2	426.9	471.9	494.4	408.8
100°	552.2	538.5	483.7	428.9	483.7	538.5	552.2	549.7	546.4	544.8	449.8
102.5°	687.9	676.2	629.2	582.3	629.2	676.2	687.9	645.0	587.6	559.0	462.7
105°	846.4	840.0	814.8	789.6	814.8	840.0	846.4	750.0	621.6	557.4	464.1
107.5°	928.7	930.2	936.3	942.4	936.3	930.2	928.7	794.3	615.2	525.7	443.5
110°	949.9	956.5	982.7	1009.0	982.7	956.5	949.9	799.7	599.4	499.3	425.2



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	936.4	946.5	986.9	1027.2	986.9	946.5	936.4	782.7	577.8	475.3	409.2
115°	890.7	904.7	960.6	1016.7	960.6	904.7	890.7	742.7	545.3	446.5	390.8
117.5°	827.6	843.1	905.2	967.3	905.2	843.1	827.6	694.0	515.8	426.7	379.4
120°	785.0	800.1	860.4	920.8	860.4	800.1	785.0	663.0	500.2	418.8	375.5
122.5°	742.6	757.4	817.0	876.4	817.0	757.4	742.6	632.7	486.0	412.7	373.4
125°	686.3	700.0	754.8	809.6	754.8	700.0	686.3	592.9	468.4	406.1	371.8
127.5°	641.1	652.6	698.9	745.2	698.9	652.6	641.1	560.9	454.1	400.6	370.9
130°	612.7	623.3	666.0	708.8	666.0	623.3	612.7	541.3	446.0	398.5	371.4
132.5°	588.3	597.9	636.2	674.4	636.2	597.9	588.3	524.4	439.3	396.7	371.8
135°	554.0	562.3	595.2	628.2	595.2	562.3	554.0	500.5	429.2	393.5	371.5
137.5°	528.6	535.4	562.4	589.4	562.4	535.4	528.6	483.4	423.0	392.9	373.7
140°	508.3	514.6	539.8	565.1	539.8	514.6	508.3	469.3	417.2	391.1	374.1
142.5°	494.0	499.5	521.2	542.9	521.2	499.5	494.0	459.7	414.0	391.1	375.5
145°	472.7	476.8	493.3	509.7	493.3	476.8	472.7	444.6	407.2	388.5	375.5
147.5°	454.7	458.2	471.7	485.3	471.7	458.2	454.7	432.6	403.1	388.5	378.0
150°	444.4	447.1	458.2	469.3	458.2	447.1	444.4	425.8	400.9	388.5	379.4
152.5°	436.2	438.3	446.6	455.0	446.6	438.3	436.2	420.3	399.0	388.5	380.3
155°	426.5	427.8	433.4	438.9	433.4	427.8	426.5	413.8	396.9	388.5	382.2
157.5°	418.0	418.9	422.9	426.7	422.9	418.9	418.0	408.2	395.0	388.5	384.2
160°	413.8	414.3	416.6	418.8	416.6	414.3	413.8	405.4	394.1	388.5	385.0
162.5°	409.8	410.3	412.5	414.6	412.5	410.3	409.8	402.7	393.2	388.5	386.0
165°	403.7	404.3	406.6	408.8	406.6	404.3	403.7	398.6	391.9	388.5	387.3
167.5°	401.1	401.4	402.3	403.2	402.3	401.4	401.1	397.8	393.3	391.1	390.2
170°	401.1	401.1	401.1	401.1	401.1	401.1	401.1	397.8	393.3	391.1	391.0
172.5°	399.0	398.8	397.9	397.2	397.9	398.8	399.0	396.3	392.8	391.1	391.1
175°	396.1	396.1	396.1	396.1	396.1	396.1	396.1	394.4	392.2	391.1	391.6
177.5°	395.5	395.3	394.4	393.5	394.4	395.3	395.5	394.3	392.5	391.6	392.0
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2263.3	2274.1	2280.6	2289.3	2310.9
5°	2176.6	2217.7	2230.7	2263.3	2302.3
7.5°	1985.8	2111.5	2146.2	2224.2	2285.0
10°	1801.5	1927.3	1988.0	2172.2	2263.3
12.5°	1708.3	1782.0	1823.2	2081.2	2232.9
15°	1649.7	1701.8	1732.2	1959.8	2198.3
17.5°	1604.2	1641.1	1662.7	1840.6	2150.5
20°	1576.0	1593.4	1612.9	1753.8	2096.4
22.5°	1556.6	1545.7	1560.8	1693.1	2022.7
25°	1543.5	1502.3	1519.7	1645.4	1935.9
27.5°	1554.3	1463.3	1469.8	1602.1	1844.8
30°	1556.6	1415.6	1417.8	1556.6	1742.9
32.5°	1541.4	1365.8	1368.0	1500.2	1628.1
35°	1504.5	1307.2	1305.0	1435.1	1472.0
37.5°	1454.7	1244.4	1244.4	1363.6	1300.8
40°	1393.9	1181.5	1188.0	1270.3	1149.0
42.5°	1320.2	1114.3	1122.9	1146.8	1036.2
45°	1240.0	1049.2	1055.8	969.0	949.5
47.5°	1151.1	982.1	984.2	804.2	921.3
50°	1044.9	912.6	904.0	689.4	919.2
52.5°	951.7	836.8	810.8	624.4	834.7
55°	860.6	756.6	700.2	574.5	773.9
57.5°	780.4	652.6	598.3	516.0	760.9
60°	706.7	550.7	509.5	453.1	698.1
62.5°	646.1	474.7	466.1	409.7	633.0
65°	581.0	422.7	420.6	372.9	537.7
67.5°	518.1	388.0	385.9	338.1	409.7
70°	450.9	351.2	346.9	301.3	303.5
72.5°	381.5	310.0	305.7	271.0	251.5
75°	312.2	262.3	260.2	236.3	203.8
77.5°	245.0	208.2	212.4	190.8	149.6
80°	175.6	151.8	156.0	136.6	112.7
82.5°	117.1	99.8	104.0	86.7	75.8
85°	65.0	56.4	58.5	45.5	34.7
87.5°	30.3	26.1	26.1	17.3	10.8
90°	11.6	7.4	6.9	4.8	2.6
92.5°	71.7	51.0	46.5	28.5	10.6
95°	176.3	99.2	91.1	58.2	25.4
97.5°	237.5	109.1	101.8	72.9	43.8
100°	259.7	117.3	110.7	84.4	58.1
102.5°	270.0	125.5	119.3	94.8	70.2
105°	277.5	137.6	132.4	111.6	90.9
107.5°	279.0	155.5	150.7	131.4	112.0
110°	276.8	165.5	161.2	143.7	126.2



TEST NUMBER: P934537

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	276.9	177.7	173.6	156.9	140.2
115°	279.5	195.9	192.1	176.7	161.3
117.5°	284.7	213.6	210.1	196.2	182.2
120°	288.9	224.0	220.6	207.5	194.3
122.5°	294.9	236.1	232.7	219.5	206.3
125°	303.1	251.6	248.6	236.5	224.5
127.5°	311.3	266.7	263.7	251.5	239.2
130°	317.3	276.7	273.5	260.3	247.2
132.5°	322.2	284.9	281.7	268.5	255.4
135°	327.5	294.4	291.4	279.5	267.5
137.5°	335.3	306.5	303.6	291.8	279.9
140°	340.2	314.7	312.0	301.2	290.2
142.5°	344.2	320.8	318.2	308.2	298.1
145°	349.6	330.1	327.9	319.1	310.3
147.5°	357.3	341.7	339.6	331.0	322.4
150°	361.4	347.8	345.8	338.1	330.4
152.5°	363.9	351.7	350.3	344.4	338.5
155°	369.8	360.4	359.3	355.1	350.7
157.5°	375.6	369.2	368.1	363.9	359.7
160°	378.2	373.1	372.2	369.0	365.7
162.5°	381.0	377.4	376.8	374.3	371.8
165°	385.1	383.4	382.8	380.6	378.4
167.5°	388.3	386.8	386.6	385.5	384.4
170°	390.9	390.8	390.6	389.5	388.5
172.5°	391.1	391.1	391.0	390.8	390.6
175°	392.7	393.5	393.5	393.5	393.5
177.5°	392.9	393.5	393.5	393.5	393.5
180°	393.5	393.5	393.5	393.5	393.5



TEST NUMBER: P934537
 CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-2700K

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	15.68	16.76	16.45	17.54	18.50	18.51	19.58	19.27	20.37	21.32
	3H	16.17	17.14	16.95	17.94	18.92	19.87	20.83	20.64	21.63	22.61
	4H	16.38	17.29	17.17	18.09	19.09	20.32	21.23	21.11	22.03	23.03
	6H	16.51	17.35	17.31	18.16	19.17	20.61	21.45	21.42	22.27	23.28
	8H	16.51	17.31	17.33	18.15	19.16	20.69	21.49	21.51	22.33	23.34
	12H	16.49	17.25	17.32	18.08	19.12	20.74	21.50	21.56	22.33	23.36
4H	2H	16.74	17.65	17.54	18.45	19.45	18.94	19.85	19.74	20.66	21.65
	3H	17.79	18.54	18.60	19.38	20.40	20.47	21.22	21.28	22.06	23.08
	4H	18.07	18.76	18.90	19.60	20.64	21.00	21.69	21.83	22.53	23.57
	6H	18.21	18.80	19.05	19.67	20.71	21.38	21.97	22.22	22.84	23.88
	8H	18.22	18.78	19.06	19.63	20.69	21.49	22.05	22.33	22.90	23.96
	12H	18.20	18.70	19.06	19.58	20.64	21.55	22.06	22.42	22.93	24.00
8H	4H	18.54	19.10	19.39	19.96	21.01	21.14	21.70	21.99	22.56	23.62
	6H	18.81	19.27	19.68	20.17	21.23	21.59	22.05	22.46	22.95	24.01
	8H	18.86	19.26	19.74	20.16	21.23	21.74	22.15	22.62	23.04	24.12
	12H	18.85	19.21	19.74	20.10	21.22	21.85	22.21	22.73	23.09	24.22
12H	4H	18.56	19.06	19.42	19.94	21.00	21.12	21.62	21.98	22.50	23.56
	6H	18.87	19.28	19.76	20.18	21.25	21.59	22.00	22.47	22.89	23.96
	8H	18.95	19.31	19.84	20.20	21.32	21.76	22.12	22.64	23.00	24.13