

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: P934538

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934538
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-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

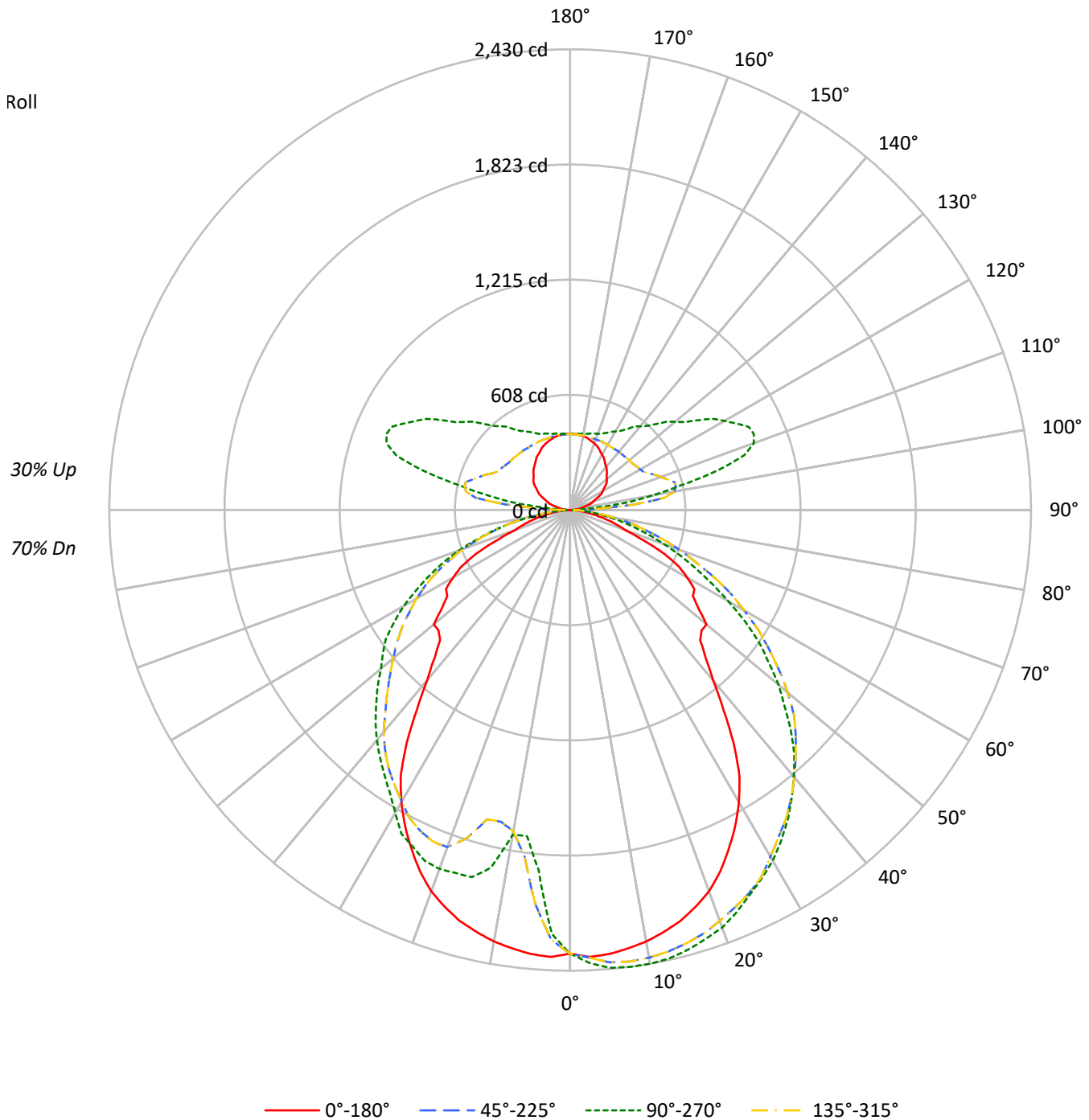
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8671.5 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

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

TEST NUMBER: P934538
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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	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	74	74	74	74	74	74	74	74	74		
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	63	63	63	63	63	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	53	53	53	53	53	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	45	45	45	45	45	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	39	39	39	39	39	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	34	34	34	34	34	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	30	30	30	30	30	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	27	27	27	27	27	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	24	24	24	24	24	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	21	21	21	21	21	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	19	19	19	19	19	19	19	19	19	18	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14575	14609	14575	11487
10°	14472	14391	14472	10288
15°	14310	14079	14310	11756
20°	14005	13710	14005	11781
25°	13387	13171	13387	11531
30°	12590	12724	12590	10983
35°	11219	12158	11219	10381
40°	9343	11492	9343	9925
45°	8342	10712	8342	9402
50°	8856	9783	8856	8877
55°	8324	8781	8324	8573
60°	8570	7458	8570	7852
65°	7757	6165	7757	6891
70°	5358	4913	5358	5776
75°	4683	3632	4683	4349
80°	3746	2401	3746	2614
85°	2111	1271	2111	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12793 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.2	2.4
10°-20°	599.6	6.9
20°-30°	926.9	10.7
30°-40°	1106.5	12.8
40°-50°	1113.0	12.8
50°-60°	968.4	11.2
60°-70°	686.6	7.9
70°-80°	363.3	4.2
80°-90°	92.0	1.1
90°-100°	195.8	2.3
100°-110°	514.8	5.9
110°-120°	533.8	6.2
120°-130°	428.2	4.9
130°-140°	336.0	3.9
140°-150°	257.9	3.0
150°-160°	185.7	2.1
160°-170°	113.6	1.3
170°-180°	38.4	0.4
0°-30°	1737.6	20.0
0°-40°	2844.1	32.8
0°-60°	4925.5	56.8
0°-90°	6067.4	70.0
90°-120°	1244.4	14.4
90°-150°	2266.4	26.1
90°-180°	2604.0	30.0
0°-180°	8671.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2340	2340	2340	2340	2340	
5°	2351	2424	2351	1906	2351	223
15°	2244	2402	2244	2005	2244	631
25°	1976	2240	1976	1961	1976	908
35°	1503	1999	1503	1706	1503	930
45°	969	1647	969	1445	969	777
55°	790	1215	790	1186	790	726
65°	549	733	549	819	549	525
75°	208	348	208	416	208	219
85°	35	88	35	75	35	48
90°	3	10	3	10	3	4
95°	26	118	26	118	26	29
105°	93	806	93	806	93	98
115°	165	1038	165	1038	165	163
125°	229	827	229	827	229	203
135°	273	641	273	641	273	211
145°	317	520	317	520	317	198
155°	358	448	358	448	358	165
165°	386	417	386	417	386	109
175°	402	404	402	404	402	38
180°	402	402	402	402	402	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2359.4	2359.4	2372.7	2377.1	2377.1	2370.5	2363.8	2370.5	2390.4	2397.0	2394.8
5°	2350.6	2368.3	2392.6	2397.0	2401.5	2399.2	2394.8	2399.2	2421.4	2425.8	2428.0
7.5°	2332.9	2366.0	2397.0	2403.7	2410.3	2403.7	2401.5	2405.9	2428.0	2432.5	2432.5
10°	2310.7	2357.2	2392.6	2397.0	2403.7	2397.0	2397.0	2405.9	2428.0	2432.5	2434.6
12.5°	2279.8	2343.9	2377.1	2381.5	2390.4	2388.2	2386.0	2394.8	2416.9	2421.4	2421.4
15°	2244.4	2319.5	2350.6	2355.0	2370.5	2366.0	2366.0	2374.9	2399.2	2405.9	2403.7
17.5°	2195.6	2288.6	2324.0	2330.6	2341.7	2339.5	2341.7	2350.6	2372.7	2377.1	2379.3
20°	2140.3	2246.5	2288.6	2295.2	2306.3	2306.3	2306.3	2317.3	2339.5	2348.3	2348.3
22.5°	2065.1	2202.2	2246.5	2251.0	2264.2	2264.2	2268.7	2284.1	2304.1	2306.3	2306.3
25°	1976.5	2153.6	2191.2	2204.5	2217.8	2224.4	2231.0	2239.9	2246.5	2244.4	2246.5
27.5°	1883.5	2091.6	2140.3	2149.1	2166.8	2173.5	2182.4	2184.5	2186.8	2193.4	2189.0
30°	1779.5	2005.2	2078.3	2087.1	2115.9	2120.4	2111.5	2115.9	2127.0	2131.4	2135.9
32.5°	1662.2	1876.9	2014.1	2034.0	2060.6	2047.4	2045.1	2051.7	2069.4	2069.4	2073.9
35°	1502.9	1777.3	1954.4	1972.1	1992.0	1976.5	1985.4	1987.5	1998.6	2005.2	2003.1
37.5°	1328.0	1691.0	1892.4	1905.7	1921.2	1901.2	1914.6	1921.2	1930.0	1925.6	1925.6
40°	1173.1	1556.0	1819.3	1828.2	1841.5	1826.0	1839.3	1843.7	1848.1	1843.7	1841.5
42.5°	1058.0	1407.6	1741.9	1753.0	1744.1	1755.1	1759.6	1768.5	1761.8	1753.0	1753.0
45°	969.4	1367.9	1657.7	1671.1	1657.7	1675.5	1682.2	1682.2	1662.2	1657.7	1655.6
47.5°	940.7	1288.2	1573.7	1573.7	1567.0	1589.2	1600.3	1584.7	1564.8	1558.2	1558.2
50°	938.5	1199.7	1458.6	1449.8	1480.7	1507.3	1496.2	1480.7	1465.2	1440.9	1440.9
52.5°	852.2	1091.2	1310.3	1343.5	1392.2	1407.6	1389.9	1374.5	1347.9	1336.8	1328.0
55°	790.2	978.2	1175.2	1241.7	1292.6	1312.5	1279.3	1263.8	1224.0	1217.4	1212.9
57.5°	776.9	814.5	1051.3	1135.5	1197.4	1195.2	1175.2	1146.5	1113.3	1106.7	1104.4
60°	712.7	588.7	918.5	1018.1	1082.3	1075.7	1058.0	1031.4	1000.4	996.0	991.6
62.5°	646.3	427.2	768.0	880.9	971.6	969.4	953.9	914.1	892.0	880.9	872.0
65°	548.9	358.6	546.7	732.6	863.2	867.6	834.4	805.7	781.3	768.0	765.8
67.5°	418.3	292.1	369.7	610.9	759.2	754.7	712.7	699.4	668.4	661.8	648.5
70°	309.8	194.8	256.7	495.8	657.3	646.3	613.1	597.6	568.8	553.3	544.5
72.5°	256.7	157.1	188.1	385.1	553.3	540.1	511.3	493.6	469.2	456.0	447.1
75°	208.1	166.0	143.9	285.5	449.3	440.5	413.9	396.2	376.3	358.6	360.8
77.5°	152.7	155.0	115.1	210.2	356.3	343.1	327.5	305.5	296.6	278.9	278.9
80°	115.1	121.7	86.3	143.9	256.7	256.7	243.5	227.9	212.5	203.6	203.6
82.5°	77.4	77.4	64.2	90.8	174.8	168.2	159.3	155.0	146.1	141.6	141.6
85°	35.4	44.3	39.9	55.4	95.1	99.6	99.6	95.1	93.0	88.5	90.8
87.5°	11.1	19.9	24.3	31.0	48.7	50.9	53.1	53.1	53.1	55.4	55.4
90°	2.7	4.9	7.1	7.6	11.9	17.6	20.5	18.2	13.6	10.2	10.2
92.5°	10.8	29.1	47.4	52.1	73.2	101.3	115.4	101.1	72.6	51.2	49.2
95°	25.9	59.4	93.0	101.3	180.0	284.9	337.3	301.0	228.4	173.9	167.7
97.5°	44.7	74.4	103.9	111.4	242.5	417.4	504.7	481.8	435.8	401.4	389.6
100°	59.3	86.2	113.0	119.7	265.2	459.2	556.2	557.8	561.2	563.8	549.8
102.5°	71.7	96.8	121.8	128.1	275.6	472.4	570.7	600.0	658.5	702.3	690.4
105°	92.8	114.0	135.2	140.5	283.3	473.9	569.1	634.7	765.7	864.1	857.6
107.5°	114.3	134.1	153.8	158.8	284.8	452.8	536.7	628.1	811.0	948.2	949.7
110°	128.9	146.7	164.6	169.0	282.6	434.1	509.8	612.0	816.5	969.8	976.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	143.2	160.2	177.2	181.5	282.7	417.8	485.3	589.9	799.1	956.0	966.3
115°	164.7	180.4	196.1	200.0	285.3	399.0	455.9	556.7	758.2	909.4	923.7
117.5°	186.0	200.3	214.5	218.1	290.6	387.4	435.7	526.6	708.5	844.9	860.8
120°	198.4	211.8	225.2	228.6	294.9	383.3	427.6	510.7	676.9	801.5	816.9
122.5°	210.6	224.1	237.6	241.0	301.1	381.3	421.4	496.2	645.9	758.1	773.3
125°	229.2	241.5	253.8	256.9	309.5	379.6	414.7	478.2	605.4	700.7	714.6
127.5°	244.3	256.7	269.2	272.3	317.9	378.6	409.0	463.6	572.7	654.5	666.3
130°	252.4	265.8	279.2	282.5	324.0	379.2	406.8	455.4	552.6	625.5	636.4
132.5°	260.7	274.2	287.6	290.9	328.9	379.6	405.0	448.5	535.4	600.7	610.4
135°	273.1	285.3	297.5	300.6	334.3	379.2	401.7	438.2	511.0	565.6	574.1
137.5°	285.8	297.9	309.9	313.0	342.4	381.5	401.1	431.9	493.5	539.7	546.6
140°	296.3	307.5	318.6	321.3	347.3	382.0	399.3	425.9	479.1	518.9	525.4
142.5°	304.3	314.6	324.9	327.5	351.4	383.3	399.3	422.7	469.3	504.4	510.0
145°	316.8	325.8	334.8	337.0	356.9	383.3	396.6	415.7	453.9	482.6	486.8
147.5°	329.2	337.9	346.7	348.9	364.8	386.0	396.6	411.6	441.7	464.3	467.8
150°	337.3	345.2	353.1	355.1	369.0	387.4	396.6	409.3	434.7	453.7	456.5
152.5°	345.6	351.6	357.6	359.1	371.6	388.2	396.6	407.4	429.1	445.3	447.4
155°	358.1	362.5	366.9	368.0	377.5	390.2	396.6	405.2	422.5	435.4	436.8
157.5°	367.2	371.5	375.8	376.9	383.4	392.2	396.6	403.3	416.7	426.8	427.7
160°	373.4	376.7	380.0	380.9	386.1	393.1	396.6	402.4	413.9	422.5	423.0
162.5°	379.6	382.1	384.7	385.3	389.0	394.1	396.6	401.5	411.2	418.4	418.9
165°	386.3	388.6	390.8	391.5	393.2	395.5	396.6	400.1	407.0	412.2	412.8
167.5°	392.5	393.5	394.7	394.9	396.4	398.3	399.3	401.6	406.1	409.5	409.8
170°	396.6	397.6	398.8	399.0	399.1	399.2	399.3	401.6	406.1	409.5	409.5
172.5°	398.8	399.0	399.2	399.3	399.3	399.3	399.3	401.0	404.6	407.3	407.2
175°	401.7	401.7	401.7	401.7	401.0	399.8	399.3	400.4	402.7	404.4	404.4
177.5°	401.7	401.7	401.7	401.7	401.1	400.3	399.8	400.7	402.5	403.8	403.6
180°	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2399.2	2392.6	2399.2	2394.8	2397.0	2390.4	2370.5	2363.8	2370.5	2377.1	2377.1
5°	2428.0	2423.6	2428.0	2428.0	2425.8	2421.4	2399.2	2394.8	2399.2	2401.5	2397.0
7.5°	2436.9	2430.3	2436.9	2432.5	2432.5	2428.0	2405.9	2401.5	2403.7	2410.3	2403.7
10°	2436.9	2430.3	2436.9	2434.6	2432.5	2428.0	2405.9	2397.0	2397.0	2403.7	2397.0
12.5°	2425.8	2421.4	2425.8	2421.4	2421.4	2416.9	2394.8	2386.0	2388.2	2390.4	2381.5
15°	2408.1	2401.5	2408.1	2403.7	2405.9	2399.2	2374.9	2366.0	2366.0	2370.5	2355.0
17.5°	2381.5	2372.7	2381.5	2379.3	2377.1	2372.7	2350.6	2341.7	2339.5	2341.7	2330.6
20°	2350.6	2343.9	2350.6	2348.3	2348.3	2339.5	2317.3	2306.3	2306.3	2306.3	2295.2
22.5°	2301.8	2295.2	2301.8	2306.3	2306.3	2304.1	2284.1	2268.7	2264.2	2264.2	2251.0
25°	2246.5	2239.9	2246.5	2246.5	2244.4	2246.5	2239.9	2231.0	2224.4	2217.8	2204.5
27.5°	2193.4	2189.0	2193.4	2189.0	2193.4	2186.8	2184.5	2182.4	2173.5	2166.8	2149.1
30°	2140.3	2135.9	2140.3	2135.9	2131.4	2127.0	2115.9	2111.5	2120.4	2115.9	2087.1
32.5°	2073.9	2069.4	2073.9	2073.9	2069.4	2069.4	2051.7	2045.1	2047.4	2060.6	2034.0
35°	2005.2	1998.6	2005.2	2003.1	2005.2	1998.6	1987.5	1985.4	1976.5	1992.0	1972.1
37.5°	1925.6	1918.9	1925.6	1925.6	1925.6	1930.0	1921.2	1914.6	1901.2	1921.2	1905.7
40°	1843.7	1834.8	1843.7	1841.5	1843.7	1848.1	1843.7	1839.3	1826.0	1841.5	1828.2
42.5°	1750.8	1748.5	1750.8	1753.0	1753.0	1761.8	1768.5	1759.6	1755.1	1744.1	1753.0
45°	1651.1	1646.7	1651.1	1655.6	1657.7	1662.2	1682.2	1682.2	1675.5	1657.7	1671.1
47.5°	1544.9	1533.8	1544.9	1558.2	1558.2	1564.8	1584.7	1600.3	1589.2	1567.0	1573.7
50°	1432.1	1434.2	1432.1	1440.9	1440.9	1465.2	1480.7	1496.2	1507.3	1480.7	1449.8
52.5°	1321.4	1319.1	1321.4	1328.0	1336.8	1347.9	1374.5	1389.9	1407.6	1392.2	1343.5
55°	1210.6	1215.1	1210.6	1212.9	1217.4	1224.0	1263.8	1279.3	1312.5	1292.6	1241.7
57.5°	1100.0	1093.4	1100.0	1104.4	1106.7	1113.3	1146.5	1175.2	1195.2	1197.4	1135.5
60°	971.6	962.8	971.6	991.6	996.0	1000.4	1031.4	1058.0	1075.7	1082.3	1018.1
62.5°	858.8	843.3	858.8	872.0	880.9	892.0	914.1	953.9	969.4	971.6	880.9
65°	739.2	732.6	739.2	765.8	768.0	781.3	805.7	834.4	867.6	863.2	732.6
67.5°	630.8	630.8	630.8	648.5	661.8	668.4	699.4	712.7	754.7	759.2	610.9
70°	531.2	529.0	531.2	544.5	553.3	568.8	597.6	613.1	646.3	657.3	495.8
72.5°	436.0	433.8	436.0	447.1	456.0	469.2	493.6	511.3	540.1	553.3	385.1
75°	352.0	347.5	352.0	360.8	358.6	376.3	396.2	413.9	440.5	449.3	285.5
77.5°	270.1	270.1	270.1	278.9	278.9	296.6	305.5	327.5	343.1	356.3	210.2
80°	201.4	199.2	201.4	203.6	203.6	212.5	227.9	243.5	256.7	256.7	143.9
82.5°	141.6	137.3	141.6	141.6	141.6	146.1	155.0	159.3	168.2	174.8	90.8
85°	88.5	88.5	88.5	90.8	88.5	93.0	95.1	99.6	99.6	95.1	55.4
87.5°	57.6	55.4	57.6	55.4	55.4	53.1	53.1	53.1	50.9	48.7	31.0
90°	10.2	10.2	10.2	10.2	10.2	13.6	18.2	20.5	17.6	11.9	7.6
92.5°	41.0	32.9	41.0	49.2	51.2	72.6	101.1	115.4	101.3	73.2	52.1
95°	143.0	118.3	143.0	167.7	173.9	228.4	301.0	337.3	284.9	180.0	101.3
97.5°	342.7	295.8	342.7	389.6	401.4	435.8	481.8	504.7	417.4	242.5	111.4
100°	493.8	437.8	493.8	549.8	563.8	561.2	557.8	556.2	459.2	265.2	119.7
102.5°	642.4	594.5	642.4	690.4	702.3	658.5	600.0	570.7	472.4	275.6	128.1
105°	831.9	806.1	831.9	857.6	864.1	765.7	634.7	569.1	473.9	283.3	140.5
107.5°	955.9	962.2	955.9	949.7	948.2	811.0	628.1	536.7	452.8	284.8	158.8
110°	1003.3	1030.1	1003.3	976.5	969.8	816.5	612.0	509.8	434.1	282.6	169.0



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1007.5	1048.7	1007.5	966.3	956.0	799.1	589.9	485.3	417.8	282.7	181.5
115°	980.8	1038.0	980.8	923.7	909.4	758.2	556.7	455.9	399.0	285.3	200.0
117.5°	924.2	987.6	924.2	860.8	844.9	708.5	526.6	435.7	387.4	290.6	218.1
120°	878.5	940.1	878.5	816.9	801.5	676.9	510.7	427.6	383.3	294.9	228.6
122.5°	834.1	894.8	834.1	773.3	758.1	645.9	496.2	421.4	381.3	301.1	241.0
125°	770.6	826.6	770.6	714.6	700.7	605.4	478.2	414.7	379.6	309.5	256.9
127.5°	713.6	760.8	713.6	666.3	654.5	572.7	463.6	409.0	378.6	317.9	272.3
130°	680.0	723.6	680.0	636.4	625.5	552.6	455.4	406.8	379.2	324.0	282.5
132.5°	649.5	688.6	649.5	610.4	600.7	535.4	448.5	405.0	379.6	328.9	290.9
135°	607.7	641.4	607.7	574.1	565.6	511.0	438.2	401.7	379.2	334.3	300.6
137.5°	574.2	601.8	574.2	546.6	539.7	493.5	431.9	401.1	381.5	342.4	313.0
140°	551.1	576.9	551.1	525.4	518.9	479.1	425.9	399.3	382.0	347.3	321.3
142.5°	532.1	554.3	532.1	510.0	504.4	469.3	422.7	399.3	383.3	351.4	327.5
145°	503.6	520.3	503.6	486.8	482.6	453.9	415.7	396.6	383.3	356.9	337.0
147.5°	481.6	495.5	481.6	467.8	464.3	441.7	411.6	396.6	386.0	364.8	348.9
150°	467.8	479.1	467.8	456.5	453.7	434.7	409.3	396.6	387.4	369.0	355.1
152.5°	456.0	464.5	456.0	447.4	445.3	429.1	407.4	396.6	388.2	371.6	359.1
155°	442.5	448.1	442.5	436.8	435.4	422.5	405.2	396.6	390.2	377.5	368.0
157.5°	431.7	435.7	431.7	427.7	426.8	416.7	403.3	396.6	392.2	383.4	376.9
160°	425.3	427.6	425.3	423.0	422.5	413.9	402.4	396.6	393.1	386.1	380.9
162.5°	421.1	423.3	421.1	418.9	418.4	411.2	401.5	396.6	394.1	389.0	385.3
165°	415.1	417.4	415.1	412.8	412.2	407.0	400.1	396.6	395.5	393.2	391.5
167.5°	410.7	411.7	410.7	409.8	409.5	406.1	401.6	399.3	398.3	396.4	394.9
170°	409.5	409.5	409.5	409.5	409.5	406.1	401.6	399.3	399.2	399.1	399.0
172.5°	406.3	405.5	406.3	407.2	407.3	404.6	401.0	399.3	399.3	399.3	399.3
175°	404.4	404.4	404.4	404.4	404.4	402.7	400.4	399.3	399.8	401.0	401.7
177.5°	402.7	401.7	402.7	403.6	403.8	402.5	400.7	399.8	400.3	401.1	401.7
180°	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2372.7	2359.4	2359.4	2337.3	2328.4	2321.8	2310.7	2277.5	2268.7	2259.8	2273.0
5°	2392.6	2368.3	2350.6	2310.7	2277.5	2264.2	2222.2	2142.5	2089.4	2049.5	2027.4
7.5°	2397.0	2366.0	2332.9	2270.9	2191.2	2155.8	2027.4	1881.3	1841.5	1806.1	1783.9
10°	2392.6	2357.2	2310.7	2217.8	2029.7	1967.7	1839.3	1744.1	1719.7	1713.1	1719.7
12.5°	2377.1	2343.9	2279.8	2124.8	1861.4	1819.3	1744.1	1688.8	1684.3	1695.4	1755.1
15°	2350.6	2319.5	2244.4	2000.9	1768.5	1737.4	1684.3	1664.5	1688.8	1766.2	1945.5
17.5°	2324.0	2288.6	2195.6	1879.1	1697.6	1675.5	1637.9	1677.7	1815.0	1918.9	1978.7
20°	2288.6	2246.5	2140.3	1790.5	1646.7	1626.8	1609.1	1788.4	1892.4	1930.0	1963.2
22.5°	2246.5	2202.2	2065.1	1728.6	1593.6	1578.1	1589.2	1850.4	1892.4	1918.9	1947.7
25°	2191.2	2153.6	1976.5	1679.9	1551.5	1533.8	1575.9	1843.7	1868.1	1874.7	1932.3
27.5°	2140.3	2091.6	1883.5	1635.7	1500.6	1494.0	1586.9	1815.0	1832.7	1839.3	1901.2
30°	2078.3	2005.2	1779.5	1589.2	1447.5	1445.3	1589.2	1779.5	1775.1	1792.8	1854.7
32.5°	2014.1	1876.9	1662.2	1531.6	1396.6	1394.4	1573.7	1726.4	1722.0	1746.3	1792.8
35°	1954.4	1777.3	1502.9	1465.2	1332.4	1334.6	1536.1	1664.5	1666.6	1688.8	1717.6
37.5°	1892.4	1691.0	1328.0	1392.2	1270.5	1270.5	1485.2	1606.9	1602.4	1609.1	1648.9
40°	1819.3	1556.0	1173.1	1297.0	1212.9	1206.3	1423.2	1544.9	1529.4	1527.2	1582.6
42.5°	1741.9	1407.6	1058.0	1170.9	1146.5	1137.7	1347.9	1469.6	1440.9	1447.5	1518.3
45°	1657.7	1367.9	969.4	989.3	1077.9	1071.2	1266.0	1383.3	1363.4	1381.1	1454.1
47.5°	1573.7	1288.2	940.7	821.1	1004.8	1002.7	1175.2	1299.2	1288.2	1305.9	1383.3
50°	1458.6	1199.7	938.5	703.8	923.0	931.8	1066.8	1217.4	1217.4	1232.8	1314.7
52.5°	1310.3	1091.2	852.2	637.5	827.8	854.3	971.6	1146.5	1150.9	1166.4	1239.4
55°	1175.2	978.2	790.2	586.5	714.9	772.4	878.7	1073.5	1082.3	1097.8	1164.2
57.5°	1051.3	814.5	776.9	526.8	610.9	666.2	796.8	1002.7	1007.0	1020.4	1084.5
60°	918.5	588.7	712.7	462.6	520.2	562.2	721.5	918.5	934.0	942.8	998.2
62.5°	768.0	427.2	646.3	418.3	475.9	484.7	659.6	838.8	858.8	865.4	898.6
65°	546.7	358.6	548.9	380.7	429.4	431.6	593.2	756.9	774.6	785.7	810.1
67.5°	369.7	292.1	418.3	345.2	394.0	396.2	529.0	661.8	686.1	695.0	710.4
70°	256.7	194.8	309.8	307.7	354.1	358.6	460.3	575.5	597.6	604.2	613.1
72.5°	188.1	157.1	256.7	276.7	312.1	316.5	389.5	478.0	500.2	506.8	511.3
75°	143.9	166.0	208.1	241.3	265.6	267.8	318.7	389.5	405.1	409.5	411.7
77.5°	115.1	155.0	152.7	194.8	216.9	212.5	250.1	301.0	314.3	314.3	314.3
80°	86.3	121.7	115.1	139.4	159.3	155.0	179.3	214.7	219.1	223.5	221.3
82.5°	64.2	77.4	77.4	88.5	106.2	101.9	119.6	139.4	139.4	139.4	143.9
85°	39.9	44.3	35.4	46.5	59.7	57.6	66.4	75.3	77.4	77.4	73.1
87.5°	24.3	19.9	11.1	17.7	26.6	26.6	31.0	33.2	31.0	31.0	31.0
90°	7.1	4.9	2.7	4.9	7.1	7.6	11.9	17.6	20.5	18.2	13.6
92.5°	47.4	29.1	10.8	29.1	47.4	52.1	73.2	101.3	115.4	101.1	72.6
95°	93.0	59.4	25.9	59.4	93.0	101.3	180.0	284.9	337.3	301.0	228.4
97.5°	103.9	74.4	44.7	74.4	103.9	111.4	242.5	417.4	504.7	481.8	435.8
100°	113.0	86.2	59.3	86.2	113.0	119.7	265.2	459.2	556.2	557.8	561.2
102.5°	121.8	96.8	71.7	96.8	121.8	128.1	275.6	472.4	570.7	600.0	658.5
105°	135.2	114.0	92.8	114.0	135.2	140.5	283.3	473.9	569.1	634.7	765.7
107.5°	153.8	134.1	114.3	134.1	153.8	158.8	284.8	452.8	536.7	628.1	811.0
110°	164.6	146.7	128.9	146.7	164.6	169.0	282.6	434.1	509.8	612.0	816.5



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	177.2	160.2	143.2	160.2	177.2	181.5	282.7	417.8	485.3	589.9	799.1
115°	196.1	180.4	164.7	180.4	196.1	200.0	285.3	399.0	455.9	556.7	758.2
117.5°	214.5	200.3	186.0	200.3	214.5	218.1	290.6	387.4	435.7	526.6	708.5
120°	225.2	211.8	198.4	211.8	225.2	228.6	294.9	383.3	427.6	510.7	676.9
122.5°	237.6	224.1	210.6	224.1	237.6	241.0	301.1	381.3	421.4	496.2	645.9
125°	253.8	241.5	229.2	241.5	253.8	256.9	309.5	379.6	414.7	478.2	605.4
127.5°	269.2	256.7	244.3	256.7	269.2	272.3	317.9	378.6	409.0	463.6	572.7
130°	279.2	265.8	252.4	265.8	279.2	282.5	324.0	379.2	406.8	455.4	552.6
132.5°	287.6	274.2	260.7	274.2	287.6	290.9	328.9	379.6	405.0	448.5	535.4
135°	297.5	285.3	273.1	285.3	297.5	300.6	334.3	379.2	401.7	438.2	511.0
137.5°	309.9	297.9	285.8	297.9	309.9	313.0	342.4	381.5	401.1	431.9	493.5
140°	318.6	307.5	296.3	307.5	318.6	321.3	347.3	382.0	399.3	425.9	479.1
142.5°	324.9	314.6	304.3	314.6	324.9	327.5	351.4	383.3	399.3	422.7	469.3
145°	334.8	325.8	316.8	325.8	334.8	337.0	356.9	383.3	396.6	415.7	453.9
147.5°	346.7	337.9	329.2	337.9	346.7	348.9	364.8	386.0	396.6	411.6	441.7
150°	353.1	345.2	337.3	345.2	353.1	355.1	369.0	387.4	396.6	409.3	434.7
152.5°	357.6	351.6	345.6	351.6	357.6	359.1	371.6	388.2	396.6	407.4	429.1
155°	366.9	362.5	358.1	362.5	366.9	368.0	377.5	390.2	396.6	405.2	422.5
157.5°	375.8	371.5	367.2	371.5	375.8	376.9	383.4	392.2	396.6	403.3	416.7
160°	380.0	376.7	373.4	376.7	380.0	380.9	386.1	393.1	396.6	402.4	413.9
162.5°	384.7	382.1	379.6	382.1	384.7	385.3	389.0	394.1	396.6	401.5	411.2
165°	390.8	388.6	386.3	388.6	390.8	391.5	393.2	395.5	396.6	400.1	407.0
167.5°	394.7	393.5	392.5	393.5	394.7	394.9	396.4	398.3	399.3	401.6	406.1
170°	398.8	397.6	396.6	397.6	398.8	399.0	399.1	399.2	399.3	401.6	406.1
172.5°	399.2	399.0	398.8	399.0	399.2	399.3	399.3	399.3	399.3	401.0	404.6
175°	401.7	401.7	401.7	401.7	401.7	401.7	401.0	399.8	399.3	400.4	402.7
177.5°	401.7	401.7	401.7	401.7	401.7	401.7	401.1	400.3	399.8	400.7	402.5
180°	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7



TEST NUMBER: P934538
 CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2257.6	2251.0	2259.8	2235.5	2259.8	2251.0	2257.6	2273.0	2259.8	2268.7	2277.5
5°	1980.9	1969.8	1934.4	1905.7	1934.4	1969.8	1980.9	2027.4	2049.5	2089.4	2142.5
7.5°	1770.7	1761.8	1753.0	1735.3	1753.0	1761.8	1770.7	1783.9	1806.1	1841.5	1881.3
10°	1724.2	1726.4	1739.7	1737.4	1739.7	1726.4	1724.2	1719.7	1713.1	1719.7	1744.1
12.5°	1843.7	1863.6	1936.7	1932.3	1936.7	1863.6	1843.7	1755.1	1695.4	1684.3	1688.8
15°	1980.9	1987.5	2003.1	2005.2	2003.1	1987.5	1980.9	1945.5	1766.2	1688.8	1664.5
17.5°	1994.2	1996.4	2007.5	2007.5	2007.5	1996.4	1994.2	1978.7	1918.9	1815.0	1677.7
20°	1983.2	1987.5	2009.7	2014.1	2009.7	1987.5	1983.2	1963.2	1930.0	1892.4	1788.4
22.5°	1978.7	1987.5	2005.2	2003.1	2005.2	1987.5	1978.7	1947.7	1918.9	1892.4	1850.4
25°	1956.6	1956.6	1958.8	1961.0	1958.8	1956.6	1956.6	1932.3	1874.7	1868.1	1843.7
27.5°	1910.1	1914.6	1927.8	1925.6	1927.8	1914.6	1910.1	1901.2	1839.3	1832.7	1815.0
30°	1868.1	1863.6	1852.5	1843.7	1852.5	1863.6	1868.1	1854.7	1792.8	1775.1	1779.5
32.5°	1797.3	1786.2	1775.1	1768.5	1775.1	1786.2	1797.3	1792.8	1746.3	1722.0	1726.4
35°	1713.1	1715.3	1713.1	1706.5	1713.1	1715.3	1713.1	1717.6	1688.8	1666.6	1664.5
37.5°	1653.4	1657.7	1655.6	1646.7	1655.6	1657.7	1653.4	1648.9	1609.1	1602.4	1606.9
40°	1591.4	1593.6	1591.4	1584.7	1591.4	1593.6	1591.4	1582.6	1527.2	1529.4	1544.9
42.5°	1531.6	1529.4	1522.7	1518.3	1522.7	1529.4	1531.6	1518.3	1447.5	1440.9	1469.6
45°	1463.0	1465.2	1451.9	1445.3	1451.9	1465.2	1463.0	1454.1	1381.1	1363.4	1383.3
47.5°	1394.4	1394.4	1383.3	1376.7	1383.3	1394.4	1394.4	1383.3	1305.9	1288.2	1299.2
50°	1321.4	1319.1	1303.7	1301.4	1303.7	1319.1	1321.4	1314.7	1232.8	1217.4	1217.4
52.5°	1237.2	1237.2	1239.4	1243.9	1239.4	1237.2	1237.2	1239.4	1166.4	1150.9	1146.5
55°	1164.2	1166.4	1182.0	1186.3	1182.0	1166.4	1164.2	1164.2	1097.8	1082.3	1073.5
57.5°	1089.0	1089.0	1100.0	1100.0	1100.0	1089.0	1089.0	1084.5	1020.4	1007.0	1002.7
60°	1002.7	1007.0	1015.9	1013.7	1015.9	1007.0	1002.7	998.2	942.8	934.0	918.5
62.5°	911.9	916.3	918.5	914.1	918.5	916.3	911.9	898.6	865.4	858.8	838.8
65°	816.7	821.1	823.4	818.9	823.4	821.1	816.7	810.1	785.7	774.6	756.9
67.5°	719.3	717.1	714.9	723.8	714.9	717.1	719.3	710.4	695.0	686.1	661.8
70°	619.8	619.8	617.5	621.9	617.5	619.8	619.8	613.1	604.2	597.6	575.5
72.5°	513.5	511.3	520.2	513.5	520.2	511.3	513.5	511.3	506.8	500.2	478.0
75°	409.5	413.9	409.5	416.1	409.5	413.9	409.5	411.7	409.5	405.1	389.5
77.5°	312.1	316.5	312.1	312.1	312.1	316.5	312.1	314.3	314.3	314.3	301.0
80°	221.3	219.1	219.1	216.9	219.1	219.1	221.3	221.3	223.5	219.1	214.7
82.5°	141.6	139.4	139.4	143.9	139.4	139.4	141.6	143.9	139.4	139.4	139.4
85°	77.4	79.7	75.3	75.3	75.3	79.7	77.4	73.1	77.4	77.4	75.3
87.5°	28.8	26.6	26.6	26.6	26.6	26.6	28.8	31.0	31.0	31.0	33.2
90°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	13.6	18.2	20.5	17.6
92.5°	51.2	49.2	41.0	32.9	41.0	49.2	51.2	72.6	101.1	115.4	101.3
95°	173.9	167.7	143.0	118.3	143.0	167.7	173.9	228.4	301.0	337.3	284.9
97.5°	401.4	389.6	342.7	295.8	342.7	389.6	401.4	435.8	481.8	504.7	417.4
100°	563.8	549.8	493.8	437.8	493.8	549.8	563.8	561.2	557.8	556.2	459.2
102.5°	702.3	690.4	642.4	594.5	642.4	690.4	702.3	658.5	600.0	570.7	472.4
105°	864.1	857.6	831.9	806.1	831.9	857.6	864.1	765.7	634.7	569.1	473.9
107.5°	948.2	949.7	955.9	962.2	955.9	949.7	948.2	811.0	628.1	536.7	452.8
110°	969.8	976.5	1003.3	1030.1	1003.3	976.5	969.8	816.5	612.0	509.8	434.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	956.0	966.3	1007.5	1048.7	1007.5	966.3	956.0	799.1	589.9	485.3	417.8
115°	909.4	923.7	980.8	1038.0	980.8	923.7	909.4	758.2	556.7	455.9	399.0
117.5°	844.9	860.8	924.2	987.6	924.2	860.8	844.9	708.5	526.6	435.7	387.4
120°	801.5	816.9	878.5	940.1	878.5	816.9	801.5	676.9	510.7	427.6	383.3
122.5°	758.1	773.3	834.1	894.8	834.1	773.3	758.1	645.9	496.2	421.4	381.3
125°	700.7	714.6	770.6	826.6	770.6	714.6	700.7	605.4	478.2	414.7	379.6
127.5°	654.5	666.3	713.6	760.8	713.6	666.3	654.5	572.7	463.6	409.0	378.6
130°	625.5	636.4	680.0	723.6	680.0	636.4	625.5	552.6	455.4	406.8	379.2
132.5°	600.7	610.4	649.5	688.6	649.5	610.4	600.7	535.4	448.5	405.0	379.6
135°	565.6	574.1	607.7	641.4	607.7	574.1	565.6	511.0	438.2	401.7	379.2
137.5°	539.7	546.6	574.2	601.8	574.2	546.6	539.7	493.5	431.9	401.1	381.5
140°	518.9	525.4	551.1	576.9	551.1	525.4	518.9	479.1	425.9	399.3	382.0
142.5°	504.4	510.0	532.1	554.3	532.1	510.0	504.4	469.3	422.7	399.3	383.3
145°	482.6	486.8	503.6	520.3	503.6	486.8	482.6	453.9	415.7	396.6	383.3
147.5°	464.3	467.8	481.6	495.5	481.6	467.8	464.3	441.7	411.6	396.6	386.0
150°	453.7	456.5	467.8	479.1	467.8	456.5	453.7	434.7	409.3	396.6	387.4
152.5°	445.3	447.4	456.0	464.5	456.0	447.4	445.3	429.1	407.4	396.6	388.2
155°	435.4	436.8	442.5	448.1	442.5	436.8	435.4	422.5	405.2	396.6	390.2
157.5°	426.8	427.7	431.7	435.7	431.7	427.7	426.8	416.7	403.3	396.6	392.2
160°	422.5	423.0	425.3	427.6	425.3	423.0	422.5	413.9	402.4	396.6	393.1
162.5°	418.4	418.9	421.1	423.3	421.1	418.9	418.4	411.2	401.5	396.6	394.1
165°	412.2	412.8	415.1	417.4	415.1	412.8	412.2	407.0	400.1	396.6	395.5
167.5°	409.5	409.8	410.7	411.7	410.7	409.8	409.5	406.1	401.6	399.3	398.3
170°	409.5	409.5	409.5	409.5	409.5	409.5	409.5	406.1	401.6	399.3	399.2
172.5°	407.3	407.2	406.3	405.5	406.3	407.2	407.3	404.6	401.0	399.3	399.3
175°	404.4	404.4	404.4	404.4	404.4	404.4	404.4	402.7	400.4	399.3	399.8
177.5°	403.8	403.6	402.7	401.7	402.7	403.6	403.8	402.5	400.7	399.8	400.3
180°	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7	401.7



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2310.7	2321.8	2328.4	2337.3	2359.4
5°	2222.2	2264.2	2277.5	2310.7	2350.6
7.5°	2027.4	2155.8	2191.2	2270.9	2332.9
10°	1839.3	1967.7	2029.7	2217.8	2310.7
12.5°	1744.1	1819.3	1861.4	2124.8	2279.8
15°	1684.3	1737.4	1768.5	2000.9	2244.4
17.5°	1637.9	1675.5	1697.6	1879.1	2195.6
20°	1609.1	1626.8	1646.7	1790.5	2140.3
22.5°	1589.2	1578.1	1593.6	1728.6	2065.1
25°	1575.9	1533.8	1551.5	1679.9	1976.5
27.5°	1586.9	1494.0	1500.6	1635.7	1883.5
30°	1589.2	1445.3	1447.5	1589.2	1779.5
32.5°	1573.7	1394.4	1396.6	1531.6	1662.2
35°	1536.1	1334.6	1332.4	1465.2	1502.9
37.5°	1485.2	1270.5	1270.5	1392.2	1328.0
40°	1423.2	1206.3	1212.9	1297.0	1173.1
42.5°	1347.9	1137.7	1146.5	1170.9	1058.0
45°	1266.0	1071.2	1077.9	989.3	969.4
47.5°	1175.2	1002.7	1004.8	821.1	940.7
50°	1066.8	931.8	923.0	703.8	938.5
52.5°	971.6	854.3	827.8	637.5	852.2
55°	878.7	772.4	714.9	586.5	790.2
57.5°	796.8	666.2	610.9	526.8	776.9
60°	721.5	562.2	520.2	462.6	712.7
62.5°	659.6	484.7	475.9	418.3	646.3
65°	593.2	431.6	429.4	380.7	548.9
67.5°	529.0	396.2	394.0	345.2	418.3
70°	460.3	358.6	354.1	307.7	309.8
72.5°	389.5	316.5	312.1	276.7	256.7
75°	318.7	267.8	265.6	241.3	208.1
77.5°	250.1	212.5	216.9	194.8	152.7
80°	179.3	155.0	159.3	139.4	115.1
82.5°	119.6	101.9	106.2	88.5	77.4
85°	66.4	57.6	59.7	46.5	35.4
87.5°	31.0	26.6	26.6	17.7	11.1
90°	11.9	7.6	7.1	4.9	2.7
92.5°	73.2	52.1	47.4	29.1	10.8
95°	180.0	101.3	93.0	59.4	25.9
97.5°	242.5	111.4	103.9	74.4	44.7
100°	265.2	119.7	113.0	86.2	59.3
102.5°	275.6	128.1	121.8	96.8	71.7
105°	283.3	140.5	135.2	114.0	92.8
107.5°	284.8	158.8	153.8	134.1	114.3
110°	282.6	169.0	164.6	146.7	128.9



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	282.7	181.5	177.2	160.2	143.2
115°	285.3	200.0	196.1	180.4	164.7
117.5°	290.6	218.1	214.5	200.3	186.0
120°	294.9	228.6	225.2	211.8	198.4
122.5°	301.1	241.0	237.6	224.1	210.6
125°	309.5	256.9	253.8	241.5	229.2
127.5°	317.9	272.3	269.2	256.7	244.3
130°	324.0	282.5	279.2	265.8	252.4
132.5°	328.9	290.9	287.6	274.2	260.7
135°	334.3	300.6	297.5	285.3	273.1
137.5°	342.4	313.0	309.9	297.9	285.8
140°	347.3	321.3	318.6	307.5	296.3
142.5°	351.4	327.5	324.9	314.6	304.3
145°	356.9	337.0	334.8	325.8	316.8
147.5°	364.8	348.9	346.7	337.9	329.2
150°	369.0	355.1	353.1	345.2	337.3
152.5°	371.6	359.1	357.6	351.6	345.6
155°	377.5	368.0	366.9	362.5	358.1
157.5°	383.4	376.9	375.8	371.5	367.2
160°	386.1	380.9	380.0	376.7	373.4
162.5°	389.0	385.3	384.7	382.1	379.6
165°	393.2	391.5	390.8	388.6	386.3
167.5°	396.4	394.9	394.7	393.5	392.5
170°	399.1	399.0	398.8	397.6	396.6
172.5°	399.3	399.3	399.2	399.0	398.8
175°	401.0	401.7	401.7	401.7	401.7
177.5°	401.1	401.7	401.7	401.7	401.7
180°	401.7	401.7	401.7	401.7	401.7



TEST NUMBER: P934538

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-6-3000K

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	15.75	16.83	16.52	17.62	18.57	18.58	19.65	19.34	20.44	21.39
	3H	16.25	17.21	17.02	18.01	18.99	19.94	20.90	20.72	21.70	22.68
	4H	16.45	17.36	17.24	18.16	19.16	20.39	21.30	21.19	22.11	23.10
	6H	16.58	17.42	17.39	18.23	19.24	20.69	21.53	21.49	22.34	23.35
	8H	16.59	17.39	17.40	18.22	19.23	20.77	21.57	21.58	22.40	23.41
	12H	16.56	17.33	17.39	18.15	19.19	20.81	21.57	21.63	22.40	23.44
4H	2H	16.81	17.72	17.61	18.53	19.52	19.01	19.92	19.81	20.73	21.72
	3H	17.86	18.62	18.67	19.46	20.47	20.54	21.30	21.35	22.14	23.15
	4H	18.14	18.83	18.97	19.67	20.71	21.07	21.76	21.90	22.60	23.64
	6H	18.28	18.88	19.12	19.74	20.78	21.45	22.05	22.29	22.91	23.95
	8H	18.29	18.85	19.14	19.71	20.76	21.56	22.12	22.41	22.97	24.03
	12H	18.27	18.77	19.13	19.65	20.71	21.63	22.13	22.49	23.01	24.07
8H	4H	18.61	19.17	19.46	20.03	21.09	21.21	21.77	22.06	22.63	23.69
	6H	18.88	19.34	19.76	20.24	21.30	21.66	22.12	22.53	23.02	24.08
	8H	18.93	19.34	19.81	20.23	21.31	21.81	22.22	22.70	23.12	24.19
	12H	18.92	19.28	19.81	20.17	21.30	21.92	22.28	22.81	23.17	24.29
12H	4H	18.63	19.13	19.49	20.01	21.07	21.19	21.69	22.06	22.57	23.63
	6H	18.94	19.36	19.83	20.25	21.32	21.66	22.07	22.54	22.96	24.04
	8H	19.02	19.38	19.91	20.27	21.40	21.83	22.19	22.72	23.07	24.20