

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: P934144

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934144
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

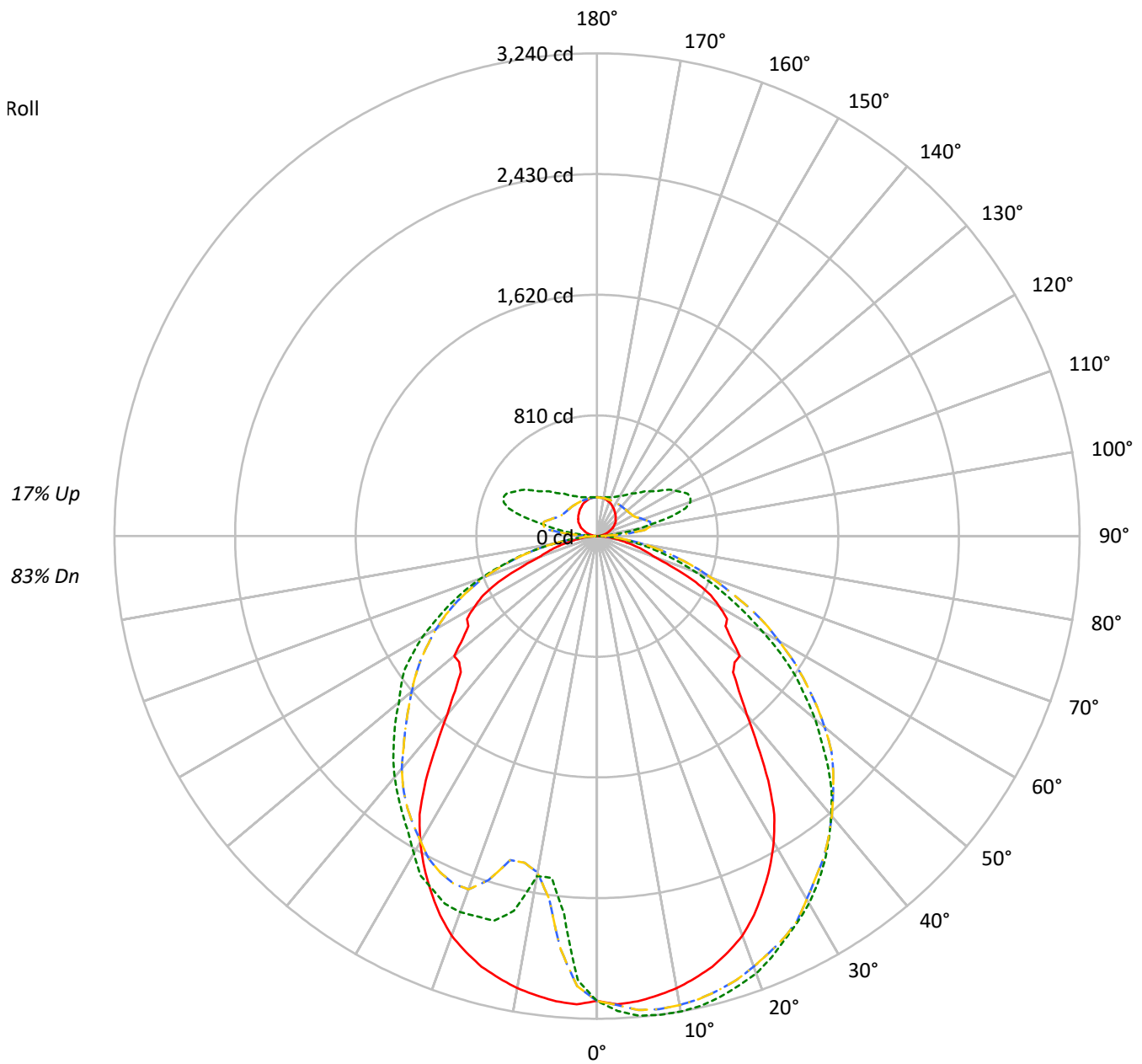
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9776.4 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 99.2
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	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14581	14610	14581	11488
10°	14484	14391	14484	10289
15°	14326	14079	14326	11757
20°	14026	13710	14026	11781
25°	13414	13171	13414	11532
30°	12621	12724	12621	10984
35°	11251	12158	11251	10381
40°	9375	11493	9375	9926
45°	8377	10713	8377	9402
50°	8899	9783	8899	8877
55°	8373	8781	8373	8574
60°	8631	7458	8631	7853
65°	7825	6165	7825	6892
70°	5419	4913	5419	5777
75°	4751	3632	4751	4349
80°	3830	2401	3830	2615
85°	2199	1272	2199	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12838 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.6	2.9
10°-20°	799.5	8.2
20°-30°	1235.9	12.6
30°-40°	1475.4	15.1
40°-50°	1484.0	15.2
50°-60°	1291.3	13.2
60°-70°	915.5	9.4
70°-80°	484.4	5.0
80°-90°	121.6	1.2
90°-100°	126.9	1.3
100°-110°	333.6	3.4
110°-120°	345.9	3.5
120°-130°	277.4	2.8
130°-140°	217.7	2.2
140°-150°	167.1	1.7
150°-160°	120.3	1.2
160°-170°	73.6	0.8
170°-180°	24.9	0.3
0°-30°	2316.9	23.7
0°-40°	3792.3	38.8
0°-60°	6567.6	67.2
0°-90°	8089.1	82.7
90°-120°	806.3	8.2
90°-150°	1468.5	15.0
90°-180°	1687.0	17.3
0°-180°	9776.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3119	3119	3119	3119	3119	
5°	3134	3232	3134	2541	3134	297
15°	2993	3202	2993	2674	2993	842
25°	2636	2987	2636	2615	2636	1210
35°	2004	2665	2004	2275	2004	1240
45°	1293	2196	1293	1927	1293	1035
55°	1054	1620	1054	1582	1054	968
65°	732	977	732	1092	732	699
75°	277	463	277	555	277	292
85°	47	118	47	100	47	64
90°	2	7	2	7	2	3
95°	17	77	17	77	17	19
105°	60	522	60	522	60	64
115°	107	672	107	672	107	105
125°	148	536	148	536	148	132
135°	177	416	177	416	177	137
145°	205	337	205	337	205	129
155°	232	290	232	290	232	107
165°	250	270	250	270	250	71
175°	260	262	260	262	260	25
180°	260	260	260	260	260	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3145.9	3145.9	3163.7	3169.6	3169.6	3160.8	3151.9	3160.8	3187.3	3196.2	3193.2
5°	3134.2	3157.8	3190.2	3196.2	3202.0	3199.1	3193.2	3199.1	3228.6	3234.5	3237.5
7.5°	3110.5	3154.8	3196.2	3205.0	3213.9	3205.0	3202.0	3208.0	3237.5	3243.4	3243.4
10°	3081.1	3143.1	3190.2	3196.2	3205.0	3196.2	3196.2	3208.0	3237.5	3243.4	3246.3
12.5°	3039.7	3125.3	3169.6	3175.5	3187.3	3184.3	3181.4	3193.2	3222.7	3228.6	3228.6
15°	2992.6	3092.8	3134.2	3140.1	3160.8	3154.8	3154.8	3166.6	3199.1	3208.0	3205.0
17.5°	2927.6	3051.5	3098.8	3107.6	3122.4	3119.4	3122.4	3134.2	3163.7	3169.6	3172.5
20°	2853.8	2995.4	3051.5	3060.4	3075.1	3075.1	3075.1	3089.9	3119.4	3131.2	3131.2
22.5°	2753.4	2936.5	2995.4	3001.4	3019.1	3019.1	3025.0	3045.7	3072.2	3075.1	3075.1
25°	2635.5	2871.5	2921.7	2939.4	2957.1	2966.0	2974.9	2986.6	2995.4	2992.6	2995.4
27.5°	2511.5	2788.9	2853.8	2865.6	2889.2	2898.1	2909.9	2912.9	2915.8	2924.6	2918.7
30°	2372.8	2673.8	2771.1	2783.0	2821.4	2827.2	2815.4	2821.4	2836.1	2842.0	2847.9
32.5°	2216.4	2502.7	2685.6	2712.2	2747.6	2729.9	2726.9	2735.7	2759.4	2759.4	2765.3
35°	2003.8	2369.8	2605.9	2629.5	2656.0	2635.5	2647.2	2650.2	2664.9	2673.8	2670.9
37.5°	1770.8	2254.7	2523.3	2541.0	2561.7	2535.1	2552.8	2561.7	2573.5	2567.5	2567.5
40°	1564.2	2074.7	2425.9	2437.7	2455.4	2434.7	2452.4	2458.4	2464.3	2458.4	2455.4
42.5°	1410.7	1877.0	2322.6	2337.3	2325.5	2340.3	2346.2	2358.0	2349.2	2337.3	2337.3
45°	1292.6	1823.9	2210.4	2228.1	2210.4	2234.1	2243.0	2243.0	2216.4	2210.4	2207.5
47.5°	1254.2	1717.6	2098.3	2098.3	2089.5	2119.0	2133.7	2113.0	2086.5	2077.6	2077.6
50°	1251.3	1599.6	1944.8	1933.0	1974.4	2009.8	1995.0	1974.4	1953.7	1921.3	1921.3
52.5°	1136.2	1454.9	1747.1	1791.4	1856.3	1877.0	1853.3	1832.7	1797.3	1782.5	1770.8
55°	1053.6	1304.5	1567.1	1655.6	1723.5	1750.1	1705.8	1685.1	1632.0	1623.2	1617.3
57.5°	1035.9	1086.0	1401.8	1513.9	1596.6	1593.6	1567.1	1528.8	1484.5	1475.6	1472.7
60°	950.3	785.0	1224.8	1357.6	1443.1	1434.3	1410.7	1375.3	1334.0	1328.0	1322.2
62.5°	861.7	569.6	1024.0	1174.5	1295.6	1292.6	1271.9	1218.8	1189.4	1174.5	1162.8
65°	731.9	478.1	728.9	976.9	1151.0	1156.8	1112.6	1074.3	1041.7	1024.0	1021.2
67.5°	557.8	389.5	492.9	814.6	1012.3	1006.3	950.3	932.6	891.3	882.4	864.7
70°	413.2	259.7	342.4	661.1	876.5	861.7	817.4	796.9	758.5	737.8	726.0
72.5°	342.4	209.5	250.9	513.5	737.8	720.1	681.8	658.1	625.7	608.0	596.1
75°	277.4	221.3	191.8	380.7	599.1	587.3	551.9	528.3	501.7	478.1	481.0
77.5°	203.6	206.6	153.5	280.4	475.2	457.5	436.8	407.2	395.5	371.8	371.8
80°	153.5	162.3	115.1	191.8	342.4	342.4	324.7	304.0	283.3	271.6	271.6
82.5°	103.2	103.2	85.5	121.0	233.2	224.3	212.5	206.6	194.8	188.9	188.9
85°	47.2	59.0	53.1	73.8	126.9	132.8	132.8	126.9	123.9	118.1	121.0
87.5°	14.7	26.6	32.4	41.3	65.0	67.8	70.8	70.8	70.8	73.8	73.8
90°	1.7	3.1	4.5	4.9	7.7	11.4	13.3	11.8	8.8	6.6	6.6
92.5°	7.0	18.8	30.8	33.7	47.4	65.7	74.7	65.5	47.1	33.2	31.9
95°	16.7	38.5	60.3	65.7	116.6	184.5	218.5	195.0	148.0	112.7	108.7
97.5°	29.0	48.2	67.3	72.1	157.1	270.3	327.0	312.2	282.5	260.1	252.5
100°	38.5	55.8	73.2	77.5	171.8	297.5	360.3	361.5	363.6	365.3	356.2
102.5°	46.5	62.7	78.9	82.9	178.6	306.1	369.8	388.8	426.6	455.0	447.3
105°	60.1	73.9	87.6	91.0	183.7	307.0	368.8	411.3	496.2	559.8	555.7
107.5°	74.0	86.9	99.7	102.9	184.5	293.4	347.8	407.0	525.5	614.3	615.4
110°	83.5	95.1	106.6	109.5	183.1	281.2	330.3	396.5	529.0	628.3	632.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	92.8	103.8	114.8	117.6	183.2	270.7	314.5	382.2	517.7	619.4	626.1
115°	106.7	116.9	127.1	129.6	184.9	258.6	295.4	360.7	491.3	589.2	598.5
117.5°	120.5	129.8	139.0	141.4	188.4	251.0	282.3	341.2	459.0	547.5	557.8
120°	128.5	137.3	146.0	148.2	191.1	248.4	277.0	330.8	438.5	519.3	529.2
122.5°	136.4	145.2	154.0	156.2	195.2	247.0	273.0	321.5	418.5	491.2	501.1
125°	148.5	156.5	164.5	166.5	200.6	246.0	268.7	309.8	392.2	454.0	463.1
127.5°	158.3	166.3	174.4	176.4	206.0	245.3	265.0	300.4	371.1	424.2	431.8
130°	163.5	172.2	180.9	183.0	209.9	245.7	263.6	295.1	358.1	405.2	412.3
132.5°	168.9	177.6	186.3	188.4	213.1	246.0	262.4	290.6	346.9	389.2	395.6
135°	176.9	184.9	192.8	194.8	216.6	245.7	260.3	283.9	331.1	366.5	371.9
137.5°	185.1	193.0	200.8	202.8	221.8	247.2	260.0	279.9	319.8	349.7	354.1
140°	191.9	199.2	206.4	208.2	225.1	247.5	258.7	276.0	310.4	336.3	340.4
142.5°	197.3	203.9	210.6	212.3	227.8	248.4	258.7	273.9	304.2	326.8	330.4
145°	205.3	211.1	216.9	218.4	231.3	248.4	257.0	269.4	294.1	312.7	315.4
147.5°	213.3	219.0	224.6	226.0	236.3	250.1	257.0	266.8	286.2	300.8	303.0
150°	218.5	223.7	228.7	230.0	239.0	251.0	257.0	265.2	281.7	294.0	295.8
152.5°	223.9	227.8	231.7	232.7	240.8	251.6	257.0	264.0	278.0	288.6	290.0
155°	232.0	234.8	237.7	238.4	244.6	252.9	257.0	262.6	273.7	282.1	283.0
157.5°	237.9	240.7	243.5	244.2	248.4	254.1	257.0	261.3	270.0	276.5	277.1
160°	241.9	244.1	246.3	246.8	250.2	254.7	257.0	260.7	268.2	273.7	274.1
162.5°	245.9	247.6	249.1	249.6	252.0	255.3	257.0	260.1	266.4	271.1	271.5
165°	250.4	251.8	253.3	253.7	254.8	256.3	257.0	259.3	263.7	267.1	267.5
167.5°	254.4	255.1	255.8	255.9	256.9	258.1	258.7	260.2	263.2	265.4	265.5
170°	257.0	257.7	258.4	258.6	258.6	258.7	258.7	260.2	263.2	265.4	265.4
172.5°	258.4	258.6	258.7	258.7	258.7	258.7	258.7	259.9	262.2	264.0	263.8
175°	260.3	260.3	260.3	260.3	259.8	259.1	258.7	259.4	260.9	262.0	262.0
177.5°	260.3	260.3	260.3	260.3	259.9	259.3	259.1	259.7	260.8	261.7	261.5
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3199.1	3190.2	3199.1	3193.2	3196.2	3187.3	3160.8	3151.9	3160.8	3169.6	3169.6
5°	3237.5	3231.6	3237.5	3237.5	3234.5	3228.6	3199.1	3193.2	3199.1	3202.0	3196.2
7.5°	3249.3	3240.4	3249.3	3243.4	3243.4	3237.5	3208.0	3202.0	3205.0	3213.9	3205.0
10°	3249.3	3240.4	3249.3	3246.3	3243.4	3237.5	3208.0	3196.2	3196.2	3205.0	3196.2
12.5°	3234.5	3228.6	3234.5	3228.6	3228.6	3222.7	3193.2	3181.4	3184.3	3187.3	3175.5
15°	3210.9	3202.0	3210.9	3205.0	3208.0	3199.1	3166.6	3154.8	3154.8	3160.8	3140.1
17.5°	3175.5	3163.7	3175.5	3172.5	3169.6	3163.7	3134.2	3122.4	3119.4	3122.4	3107.6
20°	3134.2	3125.3	3134.2	3131.2	3131.2	3119.4	3089.9	3075.1	3075.1	3075.1	3060.4
22.5°	3069.2	3060.4	3069.2	3075.1	3075.1	3072.2	3045.7	3025.0	3019.1	3019.1	3001.4
25°	2995.4	2986.6	2995.4	2995.4	2992.6	2995.4	2986.6	2974.9	2966.0	2957.1	2939.4
27.5°	2924.6	2918.7	2924.6	2918.7	2924.6	2915.8	2912.9	2909.9	2898.1	2889.2	2865.6
30°	2853.8	2847.9	2853.8	2847.9	2842.0	2836.1	2821.4	2815.4	2827.2	2821.4	2783.0
32.5°	2765.3	2759.4	2765.3	2765.3	2759.4	2759.4	2735.7	2726.9	2729.9	2747.6	2712.2
35°	2673.8	2664.9	2673.8	2670.9	2673.8	2664.9	2650.2	2647.2	2635.5	2656.0	2629.5
37.5°	2567.5	2558.7	2567.5	2567.5	2567.5	2573.5	2561.7	2552.8	2535.1	2561.7	2541.0
40°	2458.4	2446.6	2458.4	2455.4	2458.4	2464.3	2458.4	2452.4	2434.7	2455.4	2437.7
42.5°	2334.4	2331.5	2334.4	2337.3	2337.3	2349.2	2358.0	2346.2	2340.3	2325.5	2337.3
45°	2201.6	2195.7	2201.6	2207.5	2210.4	2216.4	2243.0	2243.0	2234.1	2210.4	2228.1
47.5°	2059.9	2045.2	2059.9	2077.6	2077.6	2086.5	2113.0	2133.7	2119.0	2089.5	2098.3
50°	1909.4	1912.4	1909.4	1921.3	1921.3	1953.7	1974.4	1995.0	2009.8	1974.4	1933.0
52.5°	1761.9	1758.9	1761.9	1770.8	1782.5	1797.3	1832.7	1853.3	1877.0	1856.3	1791.4
55°	1614.3	1620.2	1614.3	1617.3	1623.2	1632.0	1685.1	1705.8	1750.1	1723.5	1655.6
57.5°	1466.8	1457.9	1466.8	1472.7	1475.6	1484.5	1528.8	1567.1	1593.6	1596.6	1513.9
60°	1295.6	1283.8	1295.6	1322.2	1328.0	1334.0	1375.3	1410.7	1434.3	1443.1	1357.6
62.5°	1145.1	1124.4	1145.1	1162.8	1174.5	1189.4	1218.8	1271.9	1292.6	1295.6	1174.5
65°	985.7	976.9	985.7	1021.2	1024.0	1041.7	1074.3	1112.6	1156.8	1151.0	976.9
67.5°	841.1	841.1	841.1	864.7	882.4	891.3	932.6	950.3	1006.3	1012.3	814.6
70°	708.3	705.3	708.3	726.0	737.8	758.5	796.9	817.4	861.7	876.5	661.1
72.5°	581.4	578.4	581.4	596.1	608.0	625.7	658.1	681.8	720.1	737.8	513.5
75°	469.2	463.3	469.2	481.0	478.1	501.7	528.3	551.9	587.3	599.1	380.7
77.5°	360.1	360.1	360.1	371.8	371.8	395.5	407.2	436.8	457.5	475.2	280.4
80°	268.6	265.6	268.6	271.6	271.6	283.3	304.0	324.7	342.4	342.4	191.8
82.5°	188.9	183.0	188.9	188.9	188.9	194.8	206.6	212.5	224.3	233.2	121.0
85°	118.1	118.1	118.1	121.0	118.1	123.9	126.9	132.8	132.8	126.9	73.8
87.5°	76.7	73.8	76.7	73.8	73.8	70.8	70.8	70.8	67.8	65.0	41.3
90°	6.6	6.6	6.6	6.6	6.6	8.8	11.8	13.3	11.4	7.7	4.9
92.5°	26.6	21.3	26.6	31.9	33.2	47.1	65.5	74.7	65.7	47.4	33.7
95°	92.7	76.7	92.7	108.7	112.7	148.0	195.0	218.5	184.5	116.6	65.7
97.5°	222.0	191.6	222.0	252.5	260.1	282.5	312.2	327.0	270.3	157.1	72.1
100°	319.9	283.7	319.9	356.2	365.3	363.6	361.5	360.3	297.5	171.8	77.5
102.5°	416.2	385.2	416.2	447.3	455.0	426.6	388.8	369.8	306.1	178.6	82.9
105°	539.0	522.3	539.0	555.7	559.8	496.2	411.3	368.8	307.0	183.7	91.0
107.5°	619.4	623.4	619.4	615.4	614.3	525.5	407.0	347.8	293.4	184.5	102.9
110°	650.0	667.5	650.0	632.7	628.3	529.0	396.5	330.3	281.2	183.1	109.5



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	652.8	679.5	652.8	626.1	619.4	517.7	382.2	314.5	270.7	183.2	117.6
115°	635.5	672.5	635.5	598.5	589.2	491.3	360.7	295.4	258.6	184.9	129.6
117.5°	598.8	639.9	598.8	557.8	547.5	459.0	341.2	282.3	251.0	188.4	141.4
120°	569.2	609.1	569.2	529.2	519.3	438.5	330.8	277.0	248.4	191.1	148.2
122.5°	540.4	579.7	540.4	501.1	491.2	418.5	321.5	273.0	247.0	195.2	156.2
125°	499.3	535.6	499.3	463.1	454.0	392.2	309.8	268.7	246.0	200.6	166.5
127.5°	462.4	493.0	462.4	431.8	424.2	371.1	300.4	265.0	245.3	206.0	176.4
130°	440.6	468.8	440.6	412.3	405.2	358.1	295.1	263.6	245.7	209.9	183.0
132.5°	420.8	446.1	420.8	395.6	389.2	346.9	290.6	262.4	246.0	213.1	188.4
135°	393.7	415.5	393.7	371.9	366.5	331.1	283.9	260.3	245.7	216.6	194.8
137.5°	372.0	389.9	372.0	354.1	349.7	319.8	279.9	260.0	247.2	221.8	202.8
140°	357.1	373.8	357.1	340.4	336.3	310.4	276.0	258.7	247.5	225.1	208.2
142.5°	344.8	359.1	344.8	330.4	326.8	304.2	273.9	258.7	248.4	227.8	212.3
145°	326.3	337.1	326.3	315.4	312.7	294.1	269.4	257.0	248.4	231.3	218.4
147.5°	312.0	321.1	312.0	303.0	300.8	286.2	266.8	257.0	250.1	236.3	226.0
150°	303.1	310.4	303.1	295.8	294.0	281.7	265.2	257.0	251.0	239.0	230.0
152.5°	295.4	300.9	295.4	290.0	288.6	278.0	264.0	257.0	251.6	240.8	232.7
155°	286.6	290.3	286.6	283.0	282.1	273.7	262.6	257.0	252.9	244.6	238.4
157.5°	279.7	282.3	279.7	277.1	276.5	270.0	261.3	257.0	254.1	248.4	244.2
160°	275.6	277.0	275.6	274.1	273.7	268.2	260.7	257.0	254.7	250.2	246.8
162.5°	272.9	274.3	272.9	271.5	271.1	266.4	260.1	257.0	255.3	252.0	249.6
165°	268.9	270.4	268.9	267.5	267.1	263.7	259.3	257.0	256.3	254.8	253.7
167.5°	266.1	266.8	266.1	265.5	265.4	263.2	260.2	258.7	258.1	256.9	255.9
170°	265.4	265.4	265.4	265.4	265.4	263.2	260.2	258.7	258.7	258.6	258.6
172.5°	263.3	262.7	263.3	263.8	264.0	262.2	259.9	258.7	258.7	258.7	258.7
175°	262.0	262.0	262.0	262.0	262.0	260.9	259.4	258.7	259.1	259.8	260.3
177.5°	260.9	260.3	260.9	261.5	261.7	260.8	259.7	259.1	259.3	259.9	260.3
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3163.7	3145.9	3145.9	3116.5	3104.7	3095.8	3081.1	3036.8	3025.0	3013.1	3030.9
5°	3190.2	3157.8	3134.2	3081.1	3036.8	3019.1	2963.0	2856.8	2786.0	2732.8	2703.3
7.5°	3196.2	3154.8	3110.5	3028.0	2921.7	2874.5	2703.3	2508.5	2455.4	2408.2	2378.6
10°	3190.2	3143.1	3081.1	2957.1	2706.3	2623.6	2452.4	2325.5	2293.1	2284.2	2293.1
12.5°	3169.6	3125.3	3039.7	2833.2	2482.0	2425.9	2325.5	2251.8	2245.8	2260.7	2340.3
15°	3134.2	3092.8	2992.6	2667.9	2358.0	2316.7	2245.8	2219.3	2251.8	2355.1	2594.1
17.5°	3098.8	3051.5	2927.6	2505.6	2263.5	2234.1	2183.9	2237.0	2420.0	2558.7	2638.3
20°	3051.5	2995.4	2853.8	2387.5	2195.7	2169.1	2145.6	2384.6	2523.3	2573.5	2617.8
22.5°	2995.4	2936.5	2753.4	2304.9	2124.9	2104.2	2119.0	2467.2	2523.3	2558.7	2597.1
25°	2921.7	2871.5	2635.5	2240.0	2068.8	2045.2	2101.3	2458.4	2490.8	2499.7	2576.4
27.5°	2853.8	2788.9	2511.5	2181.0	2000.9	1992.1	2116.0	2420.0	2443.6	2452.4	2535.1
30°	2771.1	2673.8	2372.8	2119.0	1930.1	1927.1	2119.0	2372.8	2366.9	2390.5	2473.1
32.5°	2685.6	2502.7	2216.4	2042.2	1862.2	1859.3	2098.3	2301.9	2296.1	2328.5	2390.5
35°	2605.9	2369.8	2003.8	1953.7	1776.6	1779.6	2048.1	2219.3	2222.3	2251.8	2290.1
37.5°	2523.3	2254.7	1770.8	1856.3	1694.0	1694.0	1980.2	2142.6	2136.7	2145.6	2198.7
40°	2425.9	2074.7	1564.2	1729.4	1617.3	1608.4	1897.6	2059.9	2039.3	2036.4	2110.1
42.5°	2322.6	1877.0	1410.7	1561.2	1528.8	1516.9	1797.3	1959.6	1921.3	1930.1	2024.5
45°	2210.4	1823.9	1292.6	1319.2	1437.2	1428.4	1688.1	1844.5	1817.9	1841.6	1939.0
47.5°	2098.3	1717.6	1254.2	1094.9	1339.9	1336.9	1567.1	1732.4	1717.6	1741.2	1844.5
50°	1944.8	1599.6	1251.3	938.5	1230.6	1242.5	1422.5	1623.2	1623.2	1643.8	1753.0
52.5°	1747.1	1454.9	1136.2	850.0	1103.7	1139.1	1295.6	1528.8	1534.6	1555.3	1652.7
55°	1567.1	1304.5	1053.6	782.0	953.2	1030.0	1171.7	1431.4	1443.1	1463.8	1552.3
57.5°	1401.8	1086.0	1035.9	702.4	814.6	888.3	1062.4	1336.9	1342.8	1360.5	1446.1
60°	1224.8	785.0	950.3	616.8	693.5	749.6	962.1	1224.8	1245.4	1257.2	1331.0
62.5°	1024.0	569.6	861.7	557.8	634.5	646.4	879.4	1118.5	1145.1	1154.0	1198.2
65°	728.9	478.1	731.9	507.6	572.5	575.5	790.9	1009.3	1032.9	1047.7	1080.1
67.5°	492.9	389.5	557.8	460.3	525.3	528.3	705.3	882.4	914.9	926.7	947.4
70°	342.4	259.7	413.2	410.2	472.2	478.1	613.8	767.3	796.9	805.7	817.4
72.5°	250.9	209.5	342.4	368.9	416.1	422.1	519.4	637.5	666.9	675.8	681.8
75°	191.8	221.3	277.4	321.7	354.1	357.1	424.9	519.4	540.1	546.0	548.9
77.5°	153.5	206.6	203.6	259.7	289.3	283.3	333.5	401.4	419.1	419.1	419.1
80°	115.1	162.3	153.5	185.9	212.5	206.6	239.0	286.3	292.1	298.1	295.1
82.5°	85.5	103.2	103.2	118.1	141.6	135.8	159.4	185.9	185.9	185.9	191.8
85°	53.1	59.0	47.2	62.0	79.7	76.7	88.5	100.4	103.2	103.2	97.4
87.5°	32.4	26.6	14.7	23.6	35.4	35.4	41.3	44.3	41.3	41.3	41.3
90°	4.5	3.1	1.7	3.1	4.5	4.9	7.7	11.4	13.3	11.8	8.8
92.5°	30.8	18.8	7.0	18.8	30.8	33.7	47.4	65.7	74.7	65.5	47.1
95°	60.3	38.5	16.7	38.5	60.3	65.7	116.6	184.5	218.5	195.0	148.0
97.5°	67.3	48.2	29.0	48.2	67.3	72.1	157.1	270.3	327.0	312.2	282.5
100°	73.2	55.8	38.5	55.8	73.2	77.5	171.8	297.5	360.3	361.5	363.6
102.5°	78.9	62.7	46.5	62.7	78.9	82.9	178.6	306.1	369.8	388.8	426.6
105°	87.6	73.9	60.1	73.9	87.6	91.0	183.7	307.0	368.8	411.3	496.2
107.5°	99.7	86.9	74.0	86.9	99.7	102.9	184.5	293.4	347.8	407.0	525.5
110°	106.6	95.1	83.5	95.1	106.6	109.5	183.1	281.2	330.3	396.5	529.0



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	114.8	103.8	92.8	103.8	114.8	117.6	183.2	270.7	314.5	382.2	517.7
115°	127.1	116.9	106.7	116.9	127.1	129.6	184.9	258.6	295.4	360.7	491.3
117.5°	139.0	129.8	120.5	129.8	139.0	141.4	188.4	251.0	282.3	341.2	459.0
120°	146.0	137.3	128.5	137.3	146.0	148.2	191.1	248.4	277.0	330.8	438.5
122.5°	154.0	145.2	136.4	145.2	154.0	156.2	195.2	247.0	273.0	321.5	418.5
125°	164.5	156.5	148.5	156.5	164.5	166.5	200.6	246.0	268.7	309.8	392.2
127.5°	174.4	166.3	158.3	166.3	174.4	176.4	206.0	245.3	265.0	300.4	371.1
130°	180.9	172.2	163.5	172.2	180.9	183.0	209.9	245.7	263.6	295.1	358.1
132.5°	186.3	177.6	168.9	177.6	186.3	188.4	213.1	246.0	262.4	290.6	346.9
135°	192.8	184.9	176.9	184.9	192.8	194.8	216.6	245.7	260.3	283.9	331.1
137.5°	200.8	193.0	185.1	193.0	200.8	202.8	221.8	247.2	260.0	279.9	319.8
140°	206.4	199.2	191.9	199.2	206.4	208.2	225.1	247.5	258.7	276.0	310.4
142.5°	210.6	203.9	197.3	203.9	210.6	212.3	227.8	248.4	258.7	273.9	304.2
145°	216.9	211.1	205.3	211.1	216.9	218.4	231.3	248.4	257.0	269.4	294.1
147.5°	224.6	219.0	213.3	219.0	224.6	226.0	236.3	250.1	257.0	266.8	286.2
150°	228.7	223.7	218.5	223.7	228.7	230.0	239.0	251.0	257.0	265.2	281.7
152.5°	231.7	227.8	223.9	227.8	231.7	232.7	240.8	251.6	257.0	264.0	278.0
155°	237.7	234.8	232.0	234.8	237.7	238.4	244.6	252.9	257.0	262.6	273.7
157.5°	243.5	240.7	237.9	240.7	243.5	244.2	248.4	254.1	257.0	261.3	270.0
160°	246.3	244.1	241.9	244.1	246.3	246.8	250.2	254.7	257.0	260.7	268.2
162.5°	249.1	247.6	245.9	247.6	249.1	249.6	252.0	255.3	257.0	260.1	266.4
165°	253.3	251.8	250.4	251.8	253.3	253.7	254.8	256.3	257.0	259.3	263.7
167.5°	255.8	255.1	254.4	255.1	255.8	255.9	256.9	258.1	258.7	260.2	263.2
170°	258.4	257.7	257.0	257.7	258.4	258.6	258.6	258.7	258.7	260.2	263.2
172.5°	258.7	258.6	258.4	258.6	258.7	258.7	258.7	258.7	258.7	259.9	262.2
175°	260.3	260.3	260.3	260.3	260.3	260.3	259.8	259.1	258.7	259.4	260.9
177.5°	260.3	260.3	260.3	260.3	260.3	260.3	259.9	259.3	259.1	259.7	260.8
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3010.3	3001.4	3013.1	2980.7	3013.1	3001.4	3010.3	3030.9	3013.1	3025.0	3036.8
5°	2641.3	2626.6	2579.4	2541.0	2579.4	2626.6	2641.3	2703.3	2732.8	2786.0	2856.8
7.5°	2360.9	2349.2	2337.3	2313.8	2337.3	2349.2	2360.9	2378.6	2408.2	2455.4	2508.5
10°	2299.0	2301.9	2319.6	2316.7	2319.6	2301.9	2299.0	2293.1	2284.2	2293.1	2325.5
12.5°	2458.4	2484.9	2582.3	2576.4	2582.3	2484.9	2458.4	2340.3	2260.7	2245.8	2251.8
15°	2641.3	2650.2	2670.9	2673.8	2670.9	2650.2	2641.3	2594.1	2355.1	2251.8	2219.3
17.5°	2659.0	2662.0	2676.7	2676.7	2676.7	2662.0	2659.0	2638.3	2558.7	2420.0	2237.0
20°	2644.3	2650.2	2679.7	2685.6	2679.7	2650.2	2644.3	2617.8	2573.5	2523.3	2384.6
22.5°	2638.3	2650.2	2673.8	2670.9	2673.8	2650.2	2638.3	2597.1	2558.7	2523.3	2467.2
25°	2608.9	2608.9	2611.8	2614.8	2611.8	2608.9	2608.9	2576.4	2499.7	2490.8	2458.4
27.5°	2546.9	2552.8	2570.5	2567.5	2570.5	2552.8	2546.9	2535.1	2452.4	2443.6	2420.0
30°	2490.8	2484.9	2470.1	2458.4	2470.1	2484.9	2490.8	2473.1	2390.5	2366.9	2372.8
32.5°	2396.3	2381.6	2366.9	2358.0	2366.9	2381.6	2396.3	2390.5	2328.5	2296.1	2301.9
35°	2284.2	2287.2	2284.2	2275.4	2284.2	2287.2	2284.2	2290.1	2251.8	2222.3	2219.3
37.5°	2204.6	2210.4	2207.5	2195.7	2207.5	2210.4	2204.6	2198.7	2145.6	2136.7	2142.6
40°	2121.9	2124.9	2121.9	2113.0	2121.9	2124.9	2121.9	2110.1	2036.4	2039.3	2059.9
42.5°	2042.2	2039.3	2030.4	2024.5	2030.4	2039.3	2042.2	2024.5	1930.1	1921.3	1959.6
45°	1950.7	1953.7	1936.0	1927.1	1936.0	1953.7	1950.7	1939.0	1841.6	1817.9	1844.5
47.5°	1859.3	1859.3	1844.5	1835.6	1844.5	1859.3	1859.3	1844.5	1741.2	1717.6	1732.4
50°	1761.9	1758.9	1738.2	1735.3	1738.2	1758.9	1761.9	1753.0	1643.8	1623.2	1623.2
52.5°	1649.7	1649.7	1652.7	1658.6	1652.7	1649.7	1649.7	1652.7	1555.3	1534.6	1528.8
55°	1552.3	1555.3	1575.9	1581.9	1575.9	1555.3	1552.3	1552.3	1463.8	1443.1	1431.4
57.5°	1452.0	1452.0	1466.8	1466.8	1466.8	1452.0	1452.0	1446.1	1360.5	1342.8	1336.9
60°	1336.9	1342.8	1354.6	1351.7	1354.6	1342.8	1336.9	1331.0	1257.2	1245.4	1224.8
62.5°	1215.9	1221.8	1224.8	1218.8	1224.8	1221.8	1215.9	1198.2	1154.0	1145.1	1118.5
65°	1089.0	1094.9	1097.9	1092.0	1097.9	1094.9	1089.0	1080.1	1047.7	1032.9	1009.3
67.5°	959.2	956.2	953.2	965.1	953.2	956.2	959.2	947.4	926.7	914.9	882.4
70°	826.3	826.3	823.4	829.3	823.4	826.3	826.3	817.4	805.7	796.9	767.3
72.5°	684.7	681.8	693.5	684.7	693.5	681.8	684.7	681.8	675.8	666.9	637.5
75°	546.0	551.9	546.0	554.8	546.0	551.9	546.0	548.9	546.0	540.1	519.4
77.5°	416.1	422.1	416.1	416.1	416.1	422.1	416.1	419.1	419.1	419.1	401.4
80°	295.1	292.1	292.1	289.3	292.1	292.1	295.1	295.1	298.1	292.1	286.3
82.5°	188.9	185.9	185.9	191.8	185.9	185.9	188.9	191.8	185.9	185.9	185.9
85°	103.2	106.2	100.4	100.4	100.4	106.2	103.2	97.4	103.2	103.2	100.4
87.5°	38.4	35.4	35.4	35.4	35.4	35.4	38.4	41.3	41.3	41.3	44.3
90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	8.8	11.8	13.3	11.4
92.5°	33.2	31.9	26.6	21.3	26.6	31.9	33.2	47.1	65.5	74.7	65.7
95°	112.7	108.7	92.7	76.7	92.7	108.7	112.7	148.0	195.0	218.5	184.5
97.5°	260.1	252.5	222.0	191.6	222.0	252.5	260.1	282.5	312.2	327.0	270.3
100°	365.3	356.2	319.9	283.7	319.9	356.2	365.3	363.6	361.5	360.3	297.5
102.5°	455.0	447.3	416.2	385.2	416.2	447.3	455.0	426.6	388.8	369.8	306.1
105°	559.8	555.7	539.0	522.3	539.0	555.7	559.8	496.2	411.3	368.8	307.0
107.5°	614.3	615.4	619.4	623.4	619.4	615.4	614.3	525.5	407.0	347.8	293.4
110°	628.3	632.7	650.0	667.5	650.0	632.7	628.3	529.0	396.5	330.3	281.2



TEST NUMBER: P934144

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	619.4	626.1	652.8	679.5	652.8	626.1	619.4	517.7	382.2	314.5	270.7
115°	589.2	598.5	635.5	672.5	635.5	598.5	589.2	491.3	360.7	295.4	258.6
117.5°	547.5	557.8	598.8	639.9	598.8	557.8	547.5	459.0	341.2	282.3	251.0
120°	519.3	529.2	569.2	609.1	569.2	529.2	519.3	438.5	330.8	277.0	248.4
122.5°	491.2	501.1	540.4	579.7	540.4	501.1	491.2	418.5	321.5	273.0	247.0
125°	454.0	463.1	499.3	535.6	499.3	463.1	454.0	392.2	309.8	268.7	246.0
127.5°	424.2	431.8	462.4	493.0	462.4	431.8	424.2	371.1	300.4	265.0	245.3
130°	405.2	412.3	440.6	468.8	440.6	412.3	405.2	358.1	295.1	263.6	245.7
132.5°	389.2	395.6	420.8	446.1	420.8	395.6	389.2	346.9	290.6	262.4	246.0
135°	366.5	371.9	393.7	415.5	393.7	371.9	366.5	331.1	283.9	260.3	245.7
137.5°	349.7	354.1	372.0	389.9	372.0	354.1	349.7	319.8	279.9	260.0	247.2
140°	336.3	340.4	357.1	373.8	357.1	340.4	336.3	310.4	276.0	258.7	247.5
142.5°	326.8	330.4	344.8	359.1	344.8	330.4	326.8	304.2	273.9	258.7	248.4
145°	312.7	315.4	326.3	337.1	326.3	315.4	312.7	294.1	269.4	257.0	248.4
147.5°	300.8	303.0	312.0	321.1	312.0	303.0	300.8	286.2	266.8	257.0	250.1
150°	294.0	295.8	303.1	310.4	303.1	295.8	294.0	281.7	265.2	257.0	251.0
152.5°	288.6	290.0	295.4	300.9	295.4	290.0	288.6	278.0	264.0	257.0	251.6
155°	282.1	283.0	286.6	290.3	286.6	283.0	282.1	273.7	262.6	257.0	252.9
157.5°	276.5	277.1	279.7	282.3	279.7	277.1	276.5	270.0	261.3	257.0	254.1
160°	273.7	274.1	275.6	277.0	275.6	274.1	273.7	268.2	260.7	257.0	254.7
162.5°	271.1	271.5	272.9	274.3	272.9	271.5	271.1	266.4	260.1	257.0	255.3
165°	267.1	267.5	268.9	270.4	268.9	267.5	267.1	263.7	259.3	257.0	256.3
167.5°	265.4	265.5	266.1	266.8	266.1	265.5	265.4	263.2	260.2	258.7	258.1
170°	265.4	265.4	265.4	265.4	265.4	265.4	265.4	263.2	260.2	258.7	258.7
172.5°	264.0	263.8	263.3	262.7	263.3	263.8	264.0	262.2	259.9	258.7	258.7
175°	262.0	262.0	262.0	262.0	262.0	262.0	262.0	260.9	259.4	258.7	259.1
177.5°	261.7	261.5	260.9	260.3	260.9	261.5	261.7	260.8	259.7	259.1	259.3
180°	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3081.1	3095.8	3104.7	3116.5	3145.9
5°	2963.0	3019.1	3036.8	3081.1	3134.2
7.5°	2703.3	2874.5	2921.7	3028.0	3110.5
10°	2452.4	2623.6	2706.3	2957.1	3081.1
12.5°	2325.5	2425.9	2482.0	2833.2	3039.7
15°	2245.8	2316.7	2358.0	2667.9	2992.6
17.5°	2183.9	2234.1	2263.5	2505.6	2927.6
20°	2145.6	2169.1	2195.7	2387.5	2853.8
22.5°	2119.0	2104.2	2124.9	2304.9	2753.4
25°	2101.3	2045.2	2068.8	2240.0	2635.5
27.5°	2116.0	1992.1	2000.9	2181.0	2511.5
30°	2119.0	1927.1	1930.1	2119.0	2372.8
32.5°	2098.3	1859.3	1862.2	2042.2	2216.4
35°	2048.1	1779.6	1776.6	1953.7	2003.8
37.5°	1980.2	1694.0	1694.0	1856.3	1770.8
40°	1897.6	1608.4	1617.3	1729.4	1564.2
42.5°	1797.3	1516.9	1528.8	1561.2	1410.7
45°	1688.1	1428.4	1437.2	1319.2	1292.6
47.5°	1567.1	1336.9	1339.9	1094.9	1254.2
50°	1422.5	1242.5	1230.6	938.5	1251.3
52.5°	1295.6	1139.1	1103.7	850.0	1136.2
55°	1171.7	1030.0	953.2	782.0	1053.6
57.5°	1062.4	888.3	814.6	702.4	1035.9
60°	962.1	749.6	693.5	616.8	950.3
62.5°	879.4	646.4	634.5	557.8	861.7
65°	790.9	575.5	572.5	507.6	731.9
67.5°	705.3	528.3	525.3	460.3	557.8
70°	613.8	478.1	472.2	410.2	413.2
72.5°	519.4	422.1	416.1	368.9	342.4
75°	424.9	357.1	354.1	321.7	277.4
77.5°	333.5	283.3	289.3	259.7	203.6
80°	239.0	206.6	212.5	185.9	153.5
82.5°	159.4	135.8	141.6	118.1	103.2
85°	88.5	76.7	79.7	62.0	47.2
87.5°	41.3	35.4	35.4	23.6	14.7
90°	7.7	4.9	4.5	3.1	1.7
92.5°	47.4	33.7	30.8	18.8	7.0
95°	116.6	65.7	60.3	38.5	16.7
97.5°	157.1	72.1	67.3	48.2	29.0
100°	171.8	77.5	73.2	55.8	38.5
102.5°	178.6	82.9	78.9	62.7	46.5
105°	183.7	91.0	87.6	73.9	60.1
107.5°	184.5	102.9	99.7	86.9	74.0
110°	183.1	109.5	106.6	95.1	83.5



TEST NUMBER: P934144

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	183.2	117.6	114.8	103.8	92.8
115°	184.9	129.6	127.1	116.9	106.7
117.5°	188.4	141.4	139.0	129.8	120.5
120°	191.1	148.2	146.0	137.3	128.5
122.5°	195.2	156.2	154.0	145.2	136.4
125°	200.6	166.5	164.5	156.5	148.5
127.5°	206.0	176.4	174.4	166.3	158.3
130°	209.9	183.0	180.9	172.2	163.5
132.5°	213.1	188.4	186.3	177.6	168.9
135°	216.6	194.8	192.8	184.9	176.9
137.5°	221.8	202.8	200.8	193.0	185.1
140°	225.1	208.2	206.4	199.2	191.9
142.5°	227.8	212.3	210.6	203.9	197.3
145°	231.3	218.4	216.9	211.1	205.3
147.5°	236.3	226.0	224.6	219.0	213.3
150°	239.0	230.0	228.7	223.7	218.5
152.5°	240.8	232.7	231.7	227.8	223.9
155°	244.6	238.4	237.7	234.8	232.0
157.5°	248.4	244.2	243.5	240.7	237.9
160°	250.2	246.8	246.3	244.1	241.9
162.5°	252.0	249.6	249.1	247.6	245.9
165°	254.8	253.7	253.3	251.8	250.4
167.5°	256.9	255.9	255.8	255.1	254.4
170°	258.6	258.6	258.4	257.7	257.0
172.5°	258.7	258.7	258.7	258.6	258.4
175°	259.8	260.3	260.3	260.3	260.3
177.5°	259.9	260.3	260.3	260.3	260.3
180°	260.3	260.3	260.3	260.3	260.3



TEST NUMBER: P934144
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.70	17.96	17.32	18.59	19.30	19.54	20.80	20.15	21.42	22.14
	3H	17.21	18.34	17.84	18.98	19.72	20.92	22.05	21.55	22.69	23.43
	4H	17.42	18.48	18.07	19.13	19.89	21.38	22.45	22.03	23.10	23.86
	6H	17.56	18.54	18.22	19.20	19.98	21.69	22.67	22.35	23.33	24.11
	8H	17.57	18.51	18.24	19.19	19.97	21.77	22.71	22.45	23.39	24.17
	12H	17.55	18.45	18.23	19.12	19.93	21.83	22.73	22.51	23.40	24.21
4H	2H	17.78	18.85	18.43	19.50	20.26	20.00	21.06	20.65	21.71	22.47
	3H	18.85	19.74	19.51	20.42	21.20	21.54	22.43	22.20	23.12	23.90
	4H	19.14	19.95	19.82	20.64	21.45	22.09	22.89	22.77	23.58	24.39
	6H	19.29	19.99	19.99	20.70	21.52	22.48	23.18	23.18	23.89	24.71
	8H	19.30	19.96	20.01	20.67	21.50	22.59	23.25	23.30	23.96	24.79
	12H	19.29	19.88	20.01	20.61	21.45	22.67	23.26	23.40	24.00	24.83
8H	4H	19.63	20.28	20.33	20.99	21.83	22.24	22.90	22.95	23.61	24.44
	6H	19.90	20.45	20.64	21.20	22.04	22.70	23.24	23.43	24.00	24.83
	8H	19.95	20.43	20.70	21.19	22.04	22.85	23.34	23.60	24.10	24.95
	12H	19.95	20.38	20.70	21.13	22.04	22.97	23.40	23.72	24.15	25.06
12H	4H	19.65	20.24	20.38	20.98	21.82	22.23	22.81	22.95	23.55	24.39
	6H	19.97	20.45	20.72	21.21	22.06	22.70	23.18	23.45	23.94	24.79
	8H	20.05	20.48	20.80	21.23	22.14	22.88	23.31	23.63	24.05	24.97