

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: P934146

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934146
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-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

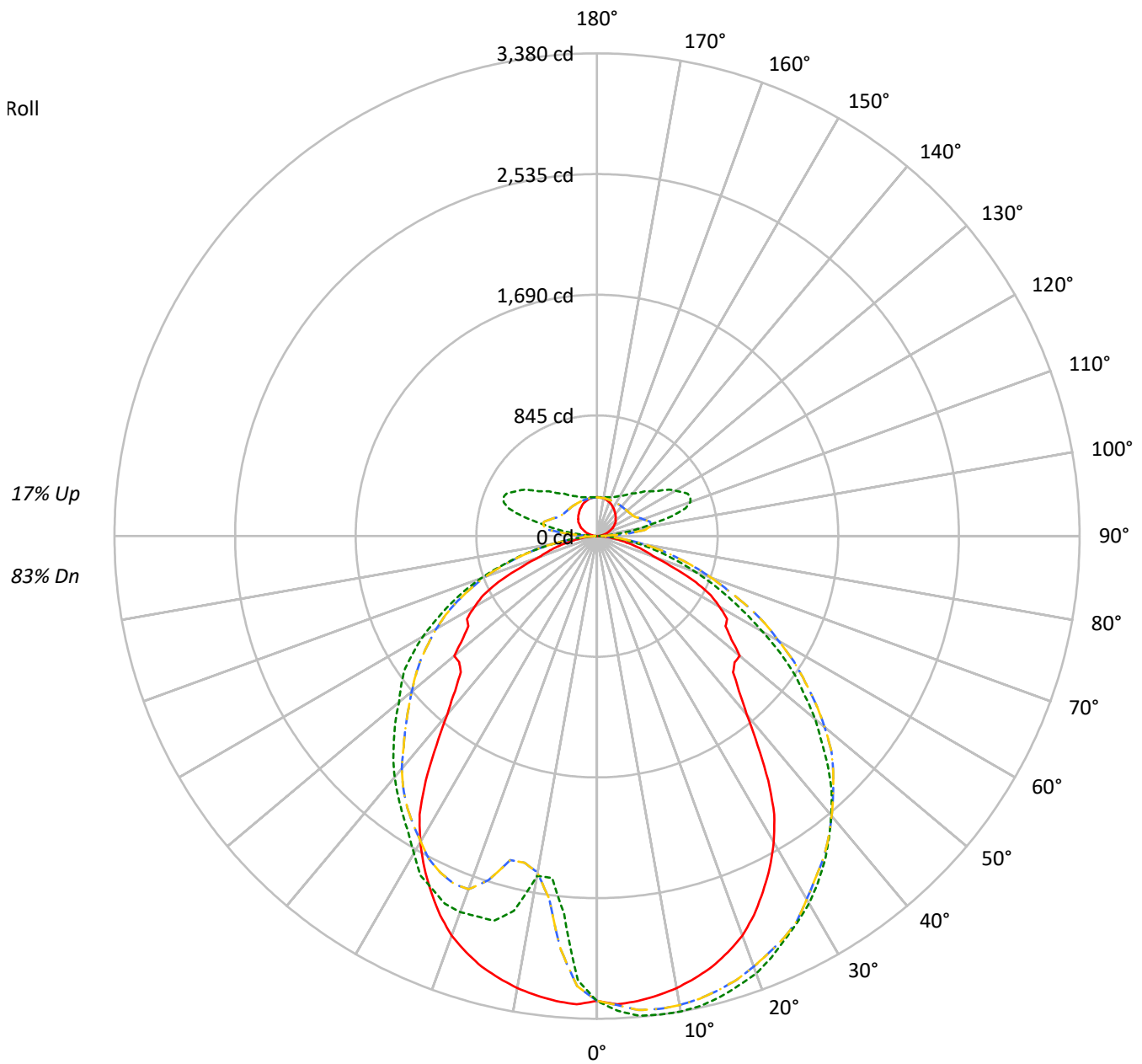
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10198.0 lumens
Efficiency: N/A
Efficacy: 102.8 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
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83	83	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70	70	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59	59	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50	50	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43	43	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37	37	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32	32	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29	29	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26	26	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23	23	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21	21	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15097	15097	15097	15097
5°	15210	15240	15210	11983
10°	15108	15012	15108	10733
15°	14944	14686	14944	12264
20°	14632	14301	14632	12289
25°	13992	13739	13992	12029
30°	13165	13273	13165	11457
35°	11737	12683	11737	10829
40°	9779	11988	9779	10354
45°	8738	11175	8738	9808
50°	9283	10205	9283	9260
55°	8734	9160	8734	8943
60°	9003	7780	9003	8191
65°	8163	6431	8163	7188
70°	5653	5125	5653	6026
75°	4957	3788	4957	4536
80°	3994	2505	3994	2727
85°	2292	1327	2292	1128

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13392 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	293.7	2.9
10°-20°	834.0	8.2
20°-30°	1289.2	12.6
30°-40°	1539.0	15.1
40°-50°	1548.0	15.2
50°-60°	1346.9	13.2
60°-70°	955.0	9.4
70°-80°	505.3	5.0
80°-90°	126.9	1.2
90°-100°	132.3	1.3
100°-110°	347.9	3.4
110°-120°	360.8	3.5
120°-130°	289.4	2.8
130°-140°	227.1	2.2
140°-150°	174.3	1.7
150°-160°	125.5	1.2
160°-170°	76.8	0.8
170°-180°	25.9	0.3
0°-30°	2416.9	23.7
0°-40°	3955.8	38.8
0°-60°	6850.8	67.2
0°-90°	8437.9	82.7
90°-120°	841.0	8.2
90°-150°	1531.8	15.0
90°-180°	1760.0	17.3
0°-180°	10198.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3254	3254	3254	3254	3254	
5°	3269	3371	3269	2651	3269	310
15°	3122	3340	3122	2789	3122	878
25°	2749	3115	2749	2728	2749	1262
35°	2090	2780	2090	2374	2090	1293
45°	1348	2290	1348	2010	1348	1080
55°	1099	1690	1099	1650	1099	1010
65°	764	1019	764	1139	764	730
75°	289	483	289	579	289	304
85°	49	123	49	105	49	66
90°	2	7	2	7	2	4
95°	18	80	18	80	18	19
105°	63	545	63	545	63	66
115°	111	702	111	702	111	110
125°	155	559	155	559	155	138
135°	185	433	185	433	185	143
145°	214	352	214	352	214	134
155°	242	303	242	303	242	111
165°	261	282	261	282	261	74
175°	272	273	272	273	272	26
180°	272	272	272	272	272	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0
2.5°	3281.6	3281.6	3300.1	3306.3	3306.3	3297.1	3287.8	3297.1	3324.7	3334.0	3330.9
5°	3269.3	3294.0	3327.8	3334.0	3340.1	3337.1	3330.9	3337.1	3367.8	3374.0	3377.1
7.5°	3244.7	3290.9	3334.0	3343.2	3352.5	3343.2	3340.1	3346.3	3377.1	3383.2	3383.2
10°	3213.9	3278.6	3327.8	3334.0	3343.2	3334.0	3334.0	3346.3	3377.1	3383.2	3386.3
12.5°	3170.8	3260.0	3306.3	3312.4	3324.7	3321.6	3318.6	3330.9	3361.7	3367.8	3367.8
15°	3121.6	3226.2	3269.3	3275.5	3297.1	3290.9	3290.9	3303.2	3337.1	3346.3	3343.2
17.5°	3053.8	3183.1	3232.4	3241.6	3257.0	3254.0	3257.0	3269.3	3300.1	3306.3	3309.4
20°	2976.9	3124.6	3183.1	3192.4	3207.7	3207.7	3207.7	3223.1	3254.0	3266.2	3266.2
22.5°	2872.2	3063.1	3124.6	3130.8	3149.3	3149.3	3155.4	3177.0	3204.7	3207.7	3207.7
25°	2749.1	2995.3	3047.6	3066.1	3084.6	3093.9	3103.1	3115.4	3124.6	3121.6	3124.6
27.5°	2619.8	2909.1	2976.9	2989.2	3013.8	3023.1	3035.4	3038.5	3041.6	3050.7	3044.6
30°	2475.1	2789.1	2890.6	2903.0	2943.0	2949.1	2936.9	2943.0	2958.4	2964.6	2970.7
32.5°	2311.9	2610.6	2801.4	2829.2	2866.1	2847.6	2844.5	2853.7	2878.4	2878.4	2884.5
35°	2090.3	2472.0	2718.3	2742.9	2770.6	2749.1	2761.4	2764.5	2779.9	2789.1	2786.0
37.5°	1847.1	2352.0	2632.1	2650.6	2672.1	2644.4	2662.9	2672.1	2684.4	2678.2	2678.2
40°	1631.6	2164.1	2530.5	2542.8	2561.3	2539.7	2558.2	2564.4	2570.5	2564.4	2561.3
42.5°	1471.5	1957.9	2422.7	2438.1	2425.8	2441.2	2447.4	2459.7	2450.5	2438.1	2438.1
45°	1348.4	1902.5	2305.7	2324.2	2305.7	2330.4	2339.7	2339.7	2311.9	2305.7	2302.7
47.5°	1308.3	1791.6	2188.8	2188.8	2179.6	2210.3	2225.7	2204.1	2176.5	2167.2	2167.2
50°	1305.2	1668.5	2028.7	2016.4	2059.5	2096.4	2081.1	2059.5	2038.0	2004.1	2004.1
52.5°	1185.2	1517.6	1822.5	1868.7	1936.3	1957.9	1933.3	1911.7	1874.8	1859.4	1847.1
55°	1099.0	1360.7	1634.7	1727.0	1797.8	1825.6	1779.3	1757.8	1702.4	1693.2	1687.0
57.5°	1080.6	1132.9	1462.2	1579.2	1665.5	1662.4	1634.7	1594.7	1548.5	1539.2	1536.2
60°	991.2	818.9	1277.6	1416.1	1505.4	1496.2	1471.5	1434.6	1391.5	1385.3	1379.2
62.5°	898.9	594.2	1068.2	1225.2	1351.4	1348.4	1326.8	1271.4	1240.7	1225.2	1212.9
65°	763.5	498.8	760.4	1019.0	1200.6	1206.7	1160.6	1120.6	1086.7	1068.2	1065.2
67.5°	581.8	406.3	514.1	849.7	1055.9	1049.7	991.2	972.8	929.7	920.5	902.0
70°	431.0	270.9	357.1	689.6	914.3	898.9	852.7	831.2	791.2	769.6	757.3
72.5°	357.1	218.6	261.7	535.7	769.6	751.2	711.2	686.5	652.7	634.2	621.8
75°	289.4	230.9	200.1	397.1	624.9	612.6	575.7	551.1	523.3	498.8	501.8
77.5°	212.4	215.5	160.1	292.4	495.7	477.2	455.6	424.8	412.5	387.9	387.9
80°	160.1	169.3	120.1	200.1	357.1	357.1	338.7	317.1	295.5	283.3	283.3
82.5°	107.7	107.7	89.2	126.3	243.2	234.0	221.7	215.5	203.2	197.0	197.0
85°	49.2	61.6	55.4	77.0	132.4	138.5	138.5	132.4	129.3	123.2	126.3
87.5°	15.4	27.7	33.8	43.1	67.8	70.8	73.9	73.9	73.9	77.0	77.0
90°	1.8	3.3	4.7	5.1	8.0	11.9	13.8	12.3	9.2	6.9	6.9
92.5°	7.3	19.6	32.1	35.2	49.5	68.5	78.0	68.3	49.1	34.7	33.3
95°	17.5	40.1	62.9	68.5	121.6	192.5	228.0	203.4	154.4	117.5	113.3
97.5°	30.3	50.3	70.2	75.2	163.8	282.0	341.1	325.7	294.6	271.3	263.4
100°	40.1	58.2	76.3	80.9	179.2	310.3	375.9	377.0	379.3	381.0	371.6
102.5°	48.5	65.4	82.3	86.5	186.3	319.3	385.8	405.5	445.0	474.6	466.6
105°	62.7	77.0	91.4	95.0	191.6	320.3	384.7	429.0	517.6	584.0	579.6
107.5°	77.2	90.6	104.0	107.3	192.5	306.0	362.8	424.5	548.1	640.8	641.9
110°	87.1	99.2	111.2	114.3	191.0	293.4	344.6	413.6	551.8	655.4	659.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	96.8	108.2	119.7	122.6	191.1	282.4	328.0	398.7	540.1	646.1	653.1
115°	111.3	121.9	132.5	135.2	192.8	269.7	308.1	376.2	512.5	614.6	624.3
117.5°	125.7	135.4	145.0	147.5	196.5	261.8	294.4	355.9	478.8	571.1	581.8
120°	134.1	143.2	152.3	154.5	199.4	259.2	289.0	345.1	457.5	541.7	552.1
122.5°	142.3	151.5	160.6	162.9	203.6	257.7	284.8	335.4	436.5	512.4	522.7
125°	154.9	163.3	171.6	173.6	209.2	256.6	280.3	323.2	409.2	473.6	483.0
127.5°	165.1	173.5	181.9	184.0	214.9	255.9	276.4	313.4	387.1	442.4	450.5
130°	170.6	179.7	188.7	190.9	218.9	256.3	275.0	307.8	373.5	422.7	430.1
132.5°	176.2	185.3	194.3	196.6	222.3	256.6	273.7	303.1	361.9	406.0	412.6
135°	184.6	192.8	201.1	203.2	226.0	256.3	271.5	296.2	345.4	382.3	388.0
137.5°	193.1	201.3	209.5	211.6	231.4	257.9	271.2	292.0	333.6	364.8	369.4
140°	200.2	207.8	215.3	217.2	234.8	258.2	269.9	287.9	323.8	350.8	355.1
142.5°	205.8	212.7	219.7	221.4	237.6	259.2	269.9	285.7	317.3	340.9	344.7
145°	214.1	220.2	226.2	227.8	241.2	259.2	268.1	281.0	306.8	326.2	329.0
147.5°	222.5	228.4	234.3	235.8	246.5	260.9	268.1	278.3	298.5	313.7	316.1
150°	228.0	233.3	238.6	240.0	249.3	261.8	268.1	276.6	293.8	306.6	308.5
152.5°	233.6	237.6	241.7	242.7	251.2	262.4	268.1	275.3	290.0	301.0	302.5
155°	242.0	245.0	248.0	248.7	255.2	263.8	268.1	273.9	285.5	294.3	295.2
157.5°	248.1	251.1	254.0	254.7	259.2	265.1	268.1	272.6	281.6	288.4	289.1
160°	252.3	254.6	256.9	257.4	261.0	265.7	268.1	272.0	279.7	285.5	285.9
162.5°	256.5	258.2	259.9	260.3	262.9	266.3	268.1	271.3	277.9	282.8	283.2
165°	261.2	262.7	264.2	264.6	265.8	267.3	268.1	270.4	275.1	278.6	279.0
167.5°	265.3	266.1	266.8	267.0	268.0	269.3	269.9	271.4	274.5	276.8	277.0
170°	268.1	268.8	269.5	269.7	269.8	269.9	269.9	271.4	274.5	276.8	276.8
172.5°	269.5	269.7	269.9	269.9	269.9	269.9	269.9	271.1	273.5	275.3	275.2
175°	271.5	271.5	271.5	271.5	271.0	270.3	269.9	270.6	272.2	273.3	273.3
177.5°	271.5	271.5	271.5	271.5	271.1	270.5	270.3	270.9	272.1	273.0	272.8
180°	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0
2.5°	3337.1	3327.8	3337.1	3330.9	3334.0	3324.7	3297.1	3287.8	3297.1	3306.3	3306.3
5°	3377.1	3370.9	3377.1	3377.1	3374.0	3367.8	3337.1	3330.9	3337.1	3340.1	3334.0
7.5°	3389.4	3380.1	3389.4	3383.2	3383.2	3377.1	3346.3	3340.1	3343.2	3352.5	3343.2
10°	3389.4	3380.1	3389.4	3386.3	3383.2	3377.1	3346.3	3334.0	3334.0	3343.2	3334.0
12.5°	3374.0	3367.8	3374.0	3367.8	3367.8	3361.7	3330.9	3318.6	3321.6	3324.7	3312.4
15°	3349.4	3340.1	3349.4	3343.2	3346.3	3337.1	3303.2	3290.9	3290.9	3297.1	3275.5
17.5°	3312.4	3300.1	3312.4	3309.4	3306.3	3300.1	3269.3	3257.0	3254.0	3257.0	3241.6
20°	3269.3	3260.0	3269.3	3266.2	3266.2	3254.0	3223.1	3207.7	3207.7	3207.7	3192.4
22.5°	3201.6	3192.4	3201.6	3207.7	3207.7	3204.7	3177.0	3155.4	3149.3	3149.3	3130.8
25°	3124.6	3115.4	3124.6	3124.6	3121.6	3124.6	3115.4	3103.1	3093.9	3084.6	3066.1
27.5°	3050.7	3044.6	3050.7	3044.6	3050.7	3041.6	3038.5	3035.4	3023.1	3013.8	2989.2
30°	2976.9	2970.7	2976.9	2970.7	2964.6	2958.4	2943.0	2936.9	2949.1	2943.0	2903.0
32.5°	2884.5	2878.4	2884.5	2884.5	2878.4	2878.4	2853.7	2844.5	2847.6	2866.1	2829.2
35°	2789.1	2779.9	2789.1	2786.0	2789.1	2779.9	2764.5	2761.4	2749.1	2770.6	2742.9
37.5°	2678.2	2669.1	2678.2	2678.2	2678.2	2684.4	2672.1	2662.9	2644.4	2672.1	2650.6
40°	2564.4	2552.1	2564.4	2561.3	2564.4	2570.5	2564.4	2558.2	2539.7	2561.3	2542.8
42.5°	2435.1	2432.0	2435.1	2438.1	2438.1	2450.5	2459.7	2447.4	2441.2	2425.8	2438.1
45°	2296.6	2290.4	2296.6	2302.7	2305.7	2311.9	2339.7	2339.7	2330.4	2305.7	2324.2
47.5°	2148.7	2133.4	2148.7	2167.2	2167.2	2176.5	2204.1	2225.7	2210.3	2179.6	2188.8
50°	1991.7	1994.8	1991.7	2004.1	2004.1	2038.0	2059.5	2081.1	2096.4	2059.5	2016.4
52.5°	1837.8	1834.7	1837.8	1847.1	1859.4	1874.8	1911.7	1933.3	1957.9	1936.3	1868.7
55°	1683.9	1690.1	1683.9	1687.0	1693.2	1702.4	1757.8	1779.3	1825.6	1797.8	1727.0
57.5°	1530.0	1520.7	1530.0	1536.2	1539.2	1548.5	1594.7	1634.7	1662.4	1665.5	1579.2
60°	1351.4	1339.2	1351.4	1379.2	1385.3	1391.5	1434.6	1471.5	1496.2	1505.4	1416.1
62.5°	1194.4	1172.9	1194.4	1212.9	1225.2	1240.7	1271.4	1326.8	1348.4	1351.4	1225.2
65°	1028.2	1019.0	1028.2	1065.2	1068.2	1086.7	1120.6	1160.6	1206.7	1200.6	1019.0
67.5°	877.3	877.3	877.3	902.0	920.5	929.7	972.8	991.2	1049.7	1055.9	849.7
70°	738.8	735.7	738.8	757.3	769.6	791.2	831.2	852.7	898.9	914.3	689.6
72.5°	606.5	603.4	606.5	621.8	634.2	652.7	686.5	711.2	751.2	769.6	535.7
75°	489.5	483.3	489.5	501.8	498.8	523.3	551.1	575.7	612.6	624.9	397.1
77.5°	375.6	375.6	375.6	387.9	387.9	412.5	424.8	455.6	477.2	495.7	292.4
80°	280.2	277.1	280.2	283.3	283.3	295.5	317.1	338.7	357.1	357.1	200.1
82.5°	197.0	190.8	197.0	197.0	197.0	203.2	215.5	221.7	234.0	243.2	126.3
85°	123.2	123.2	123.2	126.3	123.2	129.3	132.4	138.5	138.5	132.4	77.0
87.5°	80.0	77.0	80.0	77.0	77.0	73.9	73.9	73.9	70.8	67.8	43.1
90°	6.9	6.9	6.9	6.9	6.9	9.2	12.3	13.8	11.9	8.0	5.1
92.5°	27.7	22.2	27.7	33.3	34.7	49.1	68.3	78.0	68.5	49.5	35.2
95°	96.7	80.0	96.7	113.3	117.5	154.4	203.4	228.0	192.5	121.6	68.5
97.5°	231.6	199.8	231.6	263.4	271.3	294.6	325.7	341.1	282.0	163.8	75.2
100°	333.7	295.9	333.7	371.6	381.0	379.3	377.0	375.9	310.3	179.2	80.9
102.5°	434.2	401.8	434.2	466.6	474.6	445.0	405.5	385.8	319.3	186.3	86.5
105°	562.2	544.8	562.2	579.6	584.0	517.6	429.0	384.7	320.3	191.6	95.0
107.5°	646.1	650.3	646.1	641.9	640.8	548.1	424.5	362.8	306.0	192.5	107.3
110°	678.0	696.2	678.0	659.9	655.4	551.8	413.6	344.6	293.4	191.0	114.3



TEST NUMBER: P934146

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	681.0	708.8	681.0	653.1	646.1	540.1	398.7	328.0	282.4	191.1	122.6
115°	662.9	701.5	662.9	624.3	614.6	512.5	376.2	308.1	269.7	192.8	135.2
117.5°	624.6	667.5	624.6	581.8	571.1	478.8	355.9	294.4	261.8	196.5	147.5
120°	593.7	635.4	593.7	552.1	541.7	457.5	345.1	289.0	259.2	199.4	154.5
122.5°	563.7	604.7	563.7	522.7	512.4	436.5	335.4	284.8	257.7	203.6	162.9
125°	520.9	558.7	520.9	483.0	473.6	409.2	323.2	280.3	256.6	209.2	173.6
127.5°	482.3	514.2	482.3	450.5	442.4	387.1	313.4	276.4	255.9	214.9	184.0
130°	459.5	489.0	459.5	430.1	422.7	373.5	307.8	275.0	256.3	218.9	190.9
132.5°	439.0	465.4	439.0	412.6	406.0	361.9	303.1	273.7	256.6	222.3	196.6
135°	410.7	433.4	410.7	388.0	382.3	345.4	296.2	271.5	256.3	226.0	203.2
137.5°	388.1	406.7	388.1	369.4	364.8	333.6	292.0	271.2	257.9	231.4	211.6
140°	372.5	390.0	372.5	355.1	350.8	323.8	287.9	269.9	258.2	234.8	217.2
142.5°	359.7	374.6	359.7	344.7	340.9	317.3	285.7	269.9	259.2	237.6	221.4
145°	340.4	351.7	340.4	329.0	326.2	306.8	281.0	268.1	259.2	241.2	227.8
147.5°	325.5	334.9	325.5	316.1	313.7	298.5	278.3	268.1	260.9	246.5	235.8
150°	316.2	323.8	316.2	308.5	306.6	293.8	276.6	268.1	261.8	249.3	240.0
152.5°	308.2	313.9	308.2	302.5	301.0	290.0	275.3	268.1	262.4	251.2	242.7
155°	299.0	302.8	299.0	295.2	294.3	285.5	273.9	268.1	263.8	255.2	248.7
157.5°	291.8	294.4	291.8	289.1	288.4	281.6	272.6	268.1	265.1	259.2	254.7
160°	287.4	289.0	287.4	285.9	285.5	279.7	272.0	268.1	265.7	261.0	257.4
162.5°	284.6	286.1	284.6	283.2	282.8	277.9	271.3	268.1	266.3	262.9	260.3
165°	280.5	282.1	280.5	279.0	278.6	275.1	270.4	268.1	267.3	265.8	264.6
167.5°	277.6	278.3	277.6	277.0	276.8	274.5	271.4	269.9	269.3	268.0	267.0
170°	276.8	276.8	276.8	276.8	276.8	274.5	271.4	269.9	269.9	269.8	269.7
172.5°	274.6	274.1	274.6	275.2	275.3	273.5	271.1	269.9	269.9	269.9	269.9
175°	273.3	273.3	273.3	273.3	273.3	272.2	270.6	269.9	270.3	271.0	271.5
177.5°	272.2	271.5	272.2	272.8	273.0	272.1	270.9	270.3	270.5	271.1	271.5
180°	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5



TEST NUMBER: P934146

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0
2.5°	3300.1	3281.6	3281.6	3250.9	3238.6	3229.3	3213.9	3167.7	3155.4	3143.1	3161.6
5°	3327.8	3294.0	3269.3	3213.9	3167.7	3149.3	3090.8	2980.0	2906.1	2850.6	2819.9
7.5°	3334.0	3290.9	3244.7	3158.5	3047.6	2998.4	2819.9	2616.7	2561.3	2512.1	2481.2
10°	3327.8	3278.6	3213.9	3084.6	2823.0	2736.7	2558.2	2425.8	2392.0	2382.7	2392.0
12.5°	3306.3	3260.0	3170.8	2955.3	2589.0	2530.5	2425.8	2348.9	2342.7	2358.1	2441.2
15°	3269.3	3226.2	3121.6	2782.9	2459.7	2416.6	2342.7	2315.0	2348.9	2456.7	2706.0
17.5°	3232.4	3183.1	3053.8	2613.7	2361.1	2330.4	2278.1	2333.5	2524.3	2669.1	2752.1
20°	3183.1	3124.6	2976.9	2490.5	2290.4	2262.6	2238.1	2487.4	2632.1	2684.4	2730.6
22.5°	3124.6	3063.1	2872.2	2404.3	2216.5	2195.0	2210.3	2573.6	2632.1	2669.1	2709.1
25°	3047.6	2995.3	2749.1	2336.6	2158.0	2133.4	2191.9	2564.4	2598.2	2607.5	2687.5
27.5°	2976.9	2909.1	2619.8	2275.0	2087.2	2078.0	2207.2	2524.3	2549.0	2558.2	2644.4
30°	2890.6	2789.1	2475.1	2210.3	2013.3	2010.2	2210.3	2475.1	2468.9	2493.6	2579.7
32.5°	2801.4	2610.6	2311.9	2130.3	1942.5	1939.4	2188.8	2401.2	2395.1	2428.9	2493.6
35°	2718.3	2472.0	2090.3	2038.0	1853.2	1856.3	2136.5	2315.0	2318.1	2348.9	2388.9
37.5°	2632.1	2352.0	1847.1	1936.3	1767.1	1767.1	2065.6	2235.0	2228.8	2238.1	2293.5
40°	2530.5	2164.1	1631.6	1804.0	1687.0	1677.7	1979.5	2148.7	2127.2	2124.2	2201.1
42.5°	2422.7	1957.9	1471.5	1628.5	1594.7	1582.3	1874.8	2044.1	2004.1	2013.3	2111.8
45°	2305.7	1902.5	1348.4	1376.1	1499.2	1490.0	1760.9	1924.1	1896.3	1921.0	2022.6
47.5°	2188.8	1791.6	1308.3	1142.1	1397.7	1394.6	1634.7	1807.1	1791.6	1816.3	1924.1
50°	2028.7	1668.5	1305.2	979.0	1283.7	1296.1	1483.8	1693.2	1693.2	1714.7	1828.6
52.5°	1822.5	1517.6	1185.2	886.6	1151.3	1188.3	1351.4	1594.7	1600.8	1622.3	1723.9
55°	1634.7	1360.7	1099.0	815.8	994.3	1074.4	1222.2	1493.1	1505.4	1526.9	1619.2
57.5°	1462.2	1132.9	1080.6	732.7	849.7	926.6	1108.2	1394.6	1400.7	1419.2	1508.5
60°	1277.6	818.9	991.2	643.4	723.4	781.9	1003.6	1277.6	1299.1	1311.4	1388.4
62.5°	1068.2	594.2	898.9	581.8	661.9	674.2	917.4	1166.7	1194.4	1203.7	1249.8
65°	760.4	498.8	763.5	529.5	597.2	600.3	825.0	1052.8	1077.5	1092.8	1126.7
67.5°	514.1	406.3	581.8	480.2	548.0	551.1	735.7	920.5	954.3	966.7	988.2
70°	357.1	270.9	431.0	427.9	492.6	498.8	640.3	800.4	831.2	840.4	852.7
72.5°	261.7	218.6	357.1	384.8	434.1	440.3	541.8	664.9	695.7	705.0	711.2
75°	200.1	230.9	289.4	335.6	369.4	372.5	443.3	541.8	563.3	569.5	572.6
77.5°	160.1	215.5	212.4	270.9	301.7	295.5	347.8	418.7	437.2	437.2	437.2
80°	120.1	169.3	160.1	193.9	221.7	215.5	249.3	298.6	304.7	310.9	307.8
82.5°	89.2	107.7	107.7	123.2	147.7	141.6	166.3	193.9	193.9	193.9	200.1
85°	55.4	61.6	49.2	64.7	83.1	80.0	92.3	104.7	107.7	107.7	101.6
87.5°	33.8	27.7	15.4	24.7	36.9	36.9	43.1	46.2	43.1	43.1	43.1
90°	4.7	3.3	1.8	3.3	4.7	5.1	8.0	11.9	13.8	12.3	9.2
92.5°	32.1	19.6	7.3	19.6	32.1	35.2	49.5	68.5	78.0	68.3	49.1
95°	62.9	40.1	17.5	40.1	62.9	68.5	121.6	192.5	228.0	203.4	154.4
97.5°	70.2	50.3	30.3	50.3	70.2	75.2	163.8	282.0	341.1	325.7	294.6
100°	76.3	58.2	40.1	58.2	76.3	80.9	179.2	310.3	375.9	377.0	379.3
102.5°	82.3	65.4	48.5	65.4	82.3	86.5	186.3	319.3	385.8	405.5	445.0
105°	91.4	77.0	62.7	77.0	91.4	95.0	191.6	320.3	384.7	429.0	517.6
107.5°	104.0	90.6	77.2	90.6	104.0	107.3	192.5	306.0	362.8	424.5	548.1
110°	111.2	99.2	87.1	99.2	111.2	114.3	191.0	293.4	344.6	413.6	551.8



TEST NUMBER: P934146

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	119.7	108.2	96.8	108.2	119.7	122.6	191.1	282.4	328.0	398.7	540.1
115°	132.5	121.9	111.3	121.9	132.5	135.2	192.8	269.7	308.1	376.2	512.5
117.5°	145.0	135.4	125.7	135.4	145.0	147.5	196.5	261.8	294.4	355.9	478.8
120°	152.3	143.2	134.1	143.2	152.3	154.5	199.4	259.2	289.0	345.1	457.5
122.5°	160.6	151.5	142.3	151.5	160.6	162.9	203.6	257.7	284.8	335.4	436.5
125°	171.6	163.3	154.9	163.3	171.6	173.6	209.2	256.6	280.3	323.2	409.2
127.5°	181.9	173.5	165.1	173.5	181.9	184.0	214.9	255.9	276.4	313.4	387.1
130°	188.7	179.7	170.6	179.7	188.7	190.9	218.9	256.3	275.0	307.8	373.5
132.5°	194.3	185.3	176.2	185.3	194.3	196.6	222.3	256.6	273.7	303.1	361.9
135°	201.1	192.8	184.6	192.8	201.1	203.2	226.0	256.3	271.5	296.2	345.4
137.5°	209.5	201.3	193.1	201.3	209.5	211.6	231.4	257.9	271.2	292.0	333.6
140°	215.3	207.8	200.2	207.8	215.3	217.2	234.8	258.2	269.9	287.9	323.8
142.5°	219.7	212.7	205.8	212.7	219.7	221.4	237.6	259.2	269.9	285.7	317.3
145°	226.2	220.2	214.1	220.2	226.2	227.8	241.2	259.2	268.1	281.0	306.8
147.5°	234.3	228.4	222.5	228.4	234.3	235.8	246.5	260.9	268.1	278.3	298.5
150°	238.6	233.3	228.0	233.3	238.6	240.0	249.3	261.8	268.1	276.6	293.8
152.5°	241.7	237.6	233.6	237.6	241.7	242.7	251.2	262.4	268.1	275.3	290.0
155°	248.0	245.0	242.0	245.0	248.0	248.7	255.2	263.8	268.1	273.9	285.5
157.5°	254.0	251.1	248.1	251.1	254.0	254.7	259.2	265.1	268.1	272.6	281.6
160°	256.9	254.6	252.3	254.6	256.9	257.4	261.0	265.7	268.1	272.0	279.7
162.5°	259.9	258.2	256.5	258.2	259.9	260.3	262.9	266.3	268.1	271.3	277.9
165°	264.2	262.7	261.2	262.7	264.2	264.6	265.8	267.3	268.1	270.4	275.1
167.5°	266.8	266.1	265.3	266.1	266.8	267.0	268.0	269.3	269.9	271.4	274.5
170°	269.5	268.8	268.1	268.8	269.5	269.7	269.8	269.9	269.9	271.4	274.5
172.5°	269.9	269.7	269.5	269.7	269.9	269.9	269.9	269.9	269.9	271.1	273.5
175°	271.5	271.5	271.5	271.5	271.5	271.5	271.0	270.3	269.9	270.6	272.2
177.5°	271.5	271.5	271.5	271.5	271.5	271.5	271.1	270.5	270.3	270.9	272.1
180°	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5



TEST NUMBER: P934146

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0	3254.0
2.5°	3140.1	3130.8	3143.1	3109.2	3143.1	3130.8	3140.1	3161.6	3143.1	3155.4	3167.7
5°	2755.2	2739.8	2690.6	2650.6	2690.6	2739.8	2755.2	2819.9	2850.6	2906.1	2980.0
7.5°	2462.8	2450.5	2438.1	2413.5	2438.1	2450.5	2462.8	2481.2	2512.1	2561.3	2616.7
10°	2398.2	2401.2	2419.6	2416.6	2419.6	2401.2	2398.2	2392.0	2382.7	2392.0	2425.8
12.5°	2564.4	2592.1	2693.6	2687.5	2693.6	2592.1	2564.4	2441.2	2358.1	2342.7	2348.9
15°	2755.2	2764.5	2786.0	2789.1	2786.0	2764.5	2755.2	2706.0	2456.7	2348.9	2315.0
17.5°	2773.7	2776.8	2792.1	2792.1	2792.1	2776.8	2773.7	2752.1	2669.1	2524.3	2333.5
20°	2758.3	2764.5	2795.2	2801.4	2795.2	2764.5	2758.3	2730.6	2684.4	2632.1	2487.4
22.5°	2752.1	2764.5	2789.1	2786.0	2789.1	2764.5	2752.1	2709.1	2669.1	2632.1	2573.6
25°	2721.4	2721.4	2724.5	2727.5	2724.5	2721.4	2721.4	2687.5	2607.5	2598.2	2564.4
27.5°	2656.7	2662.9	2681.3	2678.2	2681.3	2662.9	2656.7	2644.4	2558.2	2549.0	2524.3
30°	2598.2	2592.1	2576.6	2564.4	2576.6	2592.1	2598.2	2579.7	2493.6	2468.9	2475.1
32.5°	2499.7	2484.3	2468.9	2459.7	2468.9	2484.3	2499.7	2493.6	2428.9	2395.1	2401.2
35°	2382.7	2385.8	2382.7	2373.5	2382.7	2385.8	2382.7	2388.9	2348.9	2318.1	2315.0
37.5°	2299.7	2305.7	2302.7	2290.4	2302.7	2305.7	2299.7	2293.5	2238.1	2228.8	2235.0
40°	2213.4	2216.5	2213.4	2204.1	2213.4	2216.5	2213.4	2201.1	2124.2	2127.2	2148.7
42.5°	2130.3	2127.2	2118.0	2111.8	2118.0	2127.2	2130.3	2111.8	2013.3	2004.1	2044.1
45°	2034.9	2038.0	2019.5	2010.2	2019.5	2038.0	2034.9	2022.6	1921.0	1896.3	1924.1
47.5°	1939.4	1939.4	1924.1	1914.8	1924.1	1939.4	1939.4	1924.1	1816.3	1791.6	1807.1
50°	1837.8	1834.7	1813.2	1810.2	1813.2	1834.7	1837.8	1828.6	1714.7	1693.2	1693.2
52.5°	1720.9	1720.9	1723.9	1730.1	1723.9	1720.9	1720.9	1723.9	1622.3	1600.8	1594.7
55°	1619.2	1622.3	1643.9	1650.1	1643.9	1622.3	1619.2	1619.2	1526.9	1505.4	1493.1
57.5°	1514.6	1514.6	1530.0	1530.0	1530.0	1514.6	1514.6	1508.5	1419.2	1400.7	1394.6
60°	1394.6	1400.7	1413.0	1409.9	1413.0	1400.7	1394.6	1388.4	1311.4	1299.1	1277.6
62.5°	1268.3	1274.5	1277.6	1271.4	1277.6	1274.5	1268.3	1249.8	1203.7	1194.4	1166.7
65°	1136.0	1142.1	1145.2	1139.0	1145.2	1142.1	1136.0	1126.7	1092.8	1077.5	1052.8
67.5°	1000.5	997.4	994.3	1006.7	994.3	997.4	1000.5	988.2	966.7	954.3	920.5
70°	862.0	862.0	858.9	865.1	858.9	862.0	862.0	852.7	840.4	831.2	800.4
72.5°	714.2	711.2	723.4	714.2	723.4	711.2	714.2	711.2	705.0	695.7	664.9
75°	569.5	575.7	569.5	578.7	569.5	575.7	569.5	572.6	569.5	563.3	541.8
77.5°	434.1	440.3	434.1	434.1	434.1	440.3	434.1	437.2	437.2	437.2	418.7
80°	307.8	304.7	304.7	301.7	304.7	304.7	307.8	307.8	310.9	304.7	298.6
82.5°	197.0	193.9	193.9	200.1	193.9	193.9	197.0	200.1	193.9	193.9	193.9
85°	107.7	110.8	104.7	104.7	104.7	110.8	107.7	101.6	107.7	107.7	104.7
87.5°	40.0	36.9	36.9	36.9	36.9	36.9	40.0	43.1	43.1	43.1	46.2
90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	9.2	12.3	13.8	11.9
92.5°	34.7	33.3	27.7	22.2	27.7	33.3	34.7	49.1	68.3	78.0	68.5
95°	117.5	113.3	96.7	80.0	96.7	113.3	117.5	154.4	203.4	228.0	192.5
97.5°	271.3	263.4	231.6	199.8	231.6	263.4	271.3	294.6	325.7	341.1	282.0
100°	381.0	371.6	333.7	295.9	333.7	371.6	381.0	379.3	377.0	375.9	310.3
102.5°	474.6	466.6	434.2	401.8	434.2	466.6	474.6	445.0	405.5	385.8	319.3
105°	584.0	579.6	562.2	544.8	562.2	579.6	584.0	517.6	429.0	384.7	320.3
107.5°	640.8	641.9	646.1	650.3	646.1	641.9	640.8	548.1	424.5	362.8	306.0
110°	655.4	659.9	678.0	696.2	678.0	659.9	655.4	551.8	413.6	344.6	293.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	646.1	653.1	681.0	708.8	681.0	653.1	646.1	540.1	398.7	328.0	282.4
115°	614.6	624.3	662.9	701.5	662.9	624.3	614.6	512.5	376.2	308.1	269.7
117.5°	571.1	581.8	624.6	667.5	624.6	581.8	571.1	478.8	355.9	294.4	261.8
120°	541.7	552.1	593.7	635.4	593.7	552.1	541.7	457.5	345.1	289.0	259.2
122.5°	512.4	522.7	563.7	604.7	563.7	522.7	512.4	436.5	335.4	284.8	257.7
125°	473.6	483.0	520.9	558.7	520.9	483.0	473.6	409.2	323.2	280.3	256.6
127.5°	442.4	450.5	482.3	514.2	482.3	450.5	442.4	387.1	313.4	276.4	255.9
130°	422.7	430.1	459.5	489.0	459.5	430.1	422.7	373.5	307.8	275.0	256.3
132.5°	406.0	412.6	439.0	465.4	439.0	412.6	406.0	361.9	303.1	273.7	256.6
135°	382.3	388.0	410.7	433.4	410.7	388.0	382.3	345.4	296.2	271.5	256.3
137.5°	364.8	369.4	388.1	406.7	388.1	369.4	364.8	333.6	292.0	271.2	257.9
140°	350.8	355.1	372.5	390.0	372.5	355.1	350.8	323.8	287.9	269.9	258.2
142.5°	340.9	344.7	359.7	374.6	359.7	344.7	340.9	317.3	285.7	269.9	259.2
145°	326.2	329.0	340.4	351.7	340.4	329.0	326.2	306.8	281.0	268.1	259.2
147.5°	313.7	316.1	325.5	334.9	325.5	316.1	313.7	298.5	278.3	268.1	260.9
150°	306.6	308.5	316.2	323.8	316.2	308.5	306.6	293.8	276.6	268.1	261.8
152.5°	301.0	302.5	308.2	313.9	308.2	302.5	301.0	290.0	275.3	268.1	262.4
155°	294.3	295.2	299.0	302.8	299.0	295.2	294.3	285.5	273.9	268.1	263.8
157.5°	288.4	289.1	291.8	294.4	291.8	289.1	288.4	281.6	272.6	268.1	265.1
160°	285.5	285.9	287.4	289.0	287.4	285.9	285.5	279.7	272.0	268.1	265.7
162.5°	282.8	283.2	284.6	286.1	284.6	283.2	282.8	277.9	271.3	268.1	266.3
165°	278.6	279.0	280.5	282.1	280.5	279.0	278.6	275.1	270.4	268.1	267.3
167.5°	276.8	277.0	277.6	278.3	277.6	277.0	276.8	274.5	271.4	269.9	269.3
170°	276.8	276.8	276.8	276.8	276.8	276.8	276.8	274.5	271.4	269.9	269.9
172.5°	275.3	275.2	274.6	274.1	274.6	275.2	275.3	273.5	271.1	269.9	269.9
175°	273.3	273.3	273.3	273.3	273.3	273.3	273.3	272.2	270.6	269.9	270.3
177.5°	273.0	272.8	272.2	271.5	272.2	272.8	273.0	272.1	270.9	270.3	270.5
180°	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3254.0	3254.0	3254.0	3254.0	3254.0
2.5°	3213.9	3229.3	3238.6	3250.9	3281.6
5°	3090.8	3149.3	3167.7	3213.9	3269.3
7.5°	2819.9	2998.4	3047.6	3158.5	3244.7
10°	2558.2	2736.7	2823.0	3084.6	3213.9
12.5°	2425.8	2530.5	2589.0	2955.3	3170.8
15°	2342.7	2416.6	2459.7	2782.9	3121.6
17.5°	2278.1	2330.4	2361.1	2613.7	3053.8
20°	2238.1	2262.6	2290.4	2490.5	2976.9
22.5°	2210.3	2195.0	2216.5	2404.3	2872.2
25°	2191.9	2133.4	2158.0	2336.6	2749.1
27.5°	2207.2	2078.0	2087.2	2275.0	2619.8
30°	2210.3	2010.2	2013.3	2210.3	2475.1
32.5°	2188.8	1939.4	1942.5	2130.3	2311.9
35°	2136.5	1856.3	1853.2	2038.0	2090.3
37.5°	2065.6	1767.1	1767.1	1936.3	1847.1
40°	1979.5	1677.7	1687.0	1804.0	1631.6
42.5°	1874.8	1582.3	1594.7	1628.5	1471.5
45°	1760.9	1490.0	1499.2	1376.1	1348.4
47.5°	1634.7	1394.6	1397.7	1142.1	1308.3
50°	1483.8	1296.1	1283.7	979.0	1305.2
52.5°	1351.4	1188.3	1151.3	886.6	1185.2
55°	1222.2	1074.4	994.3	815.8	1099.0
57.5°	1108.2	926.6	849.7	732.7	1080.6
60°	1003.6	781.9	723.4	643.4	991.2
62.5°	917.4	674.2	661.9	581.8	898.9
65°	825.0	600.3	597.2	529.5	763.5
67.5°	735.7	551.1	548.0	480.2	581.8
70°	640.3	498.8	492.6	427.9	431.0
72.5°	541.8	440.3	434.1	384.8	357.1
75°	443.3	372.5	369.4	335.6	289.4
77.5°	347.8	295.5	301.7	270.9	212.4
80°	249.3	215.5	221.7	193.9	160.1
82.5°	166.3	141.6	147.7	123.2	107.7
85°	92.3	80.0	83.1	64.7	49.2
87.5°	43.1	36.9	36.9	24.7	15.4
90°	8.0	5.1	4.7	3.3	1.8
92.5°	49.5	35.2	32.1	19.6	7.3
95°	121.6	68.5	62.9	40.1	17.5
97.5°	163.8	75.2	70.2	50.3	30.3
100°	179.2	80.9	76.3	58.2	40.1
102.5°	186.3	86.5	82.3	65.4	48.5
105°	191.6	95.0	91.4	77.0	62.7
107.5°	192.5	107.3	104.0	90.6	77.2
110°	191.0	114.3	111.2	99.2	87.1



TEST NUMBER: P934146

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	191.1	122.6	119.7	108.2	96.8
115°	192.8	135.2	132.5	121.9	111.3
117.5°	196.5	147.5	145.0	135.4	125.7
120°	199.4	154.5	152.3	143.2	134.1
122.5°	203.6	162.9	160.6	151.5	142.3
125°	209.2	173.6	171.6	163.3	154.9
127.5°	214.9	184.0	181.9	173.5	165.1
130°	218.9	190.9	188.7	179.7	170.6
132.5°	222.3	196.6	194.3	185.3	176.2
135°	226.0	203.2	201.1	192.8	184.6
137.5°	231.4	211.6	209.5	201.3	193.1
140°	234.8	217.2	215.3	207.8	200.2
142.5°	237.6	221.4	219.7	212.7	205.8
145°	241.2	227.8	226.2	220.2	214.1
147.5°	246.5	235.8	234.3	228.4	222.5
150°	249.3	240.0	238.6	233.3	228.0
152.5°	251.2	242.7	241.7	237.6	233.6
155°	255.2	248.7	248.0	245.0	242.0
157.5°	259.2	254.7	254.0	251.1	248.1
160°	261.0	257.4	256.9	254.6	252.3
162.5°	262.9	260.3	259.9	258.2	256.5
165°	265.8	264.6	264.2	262.7	261.2
167.5°	268.0	267.0	266.8	266.1	265.3
170°	269.8	269.7	269.5	268.8	268.1
172.5°	269.9	269.9	269.9	269.7	269.5
175°	271.0	271.5	271.5	271.5	271.5
177.5°	271.1	271.5	271.5	271.5	271.5
180°	271.5	271.5	271.5	271.5	271.5



TEST NUMBER: P934146
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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	16.85	18.11	17.46	18.73	19.44	19.69	20.95	20.30	21.57	22.28
	3H	17.36	18.49	17.98	19.12	19.87	21.06	22.20	21.69	22.83	23.58
	4H	17.56	18.63	18.21	19.28	20.04	21.53	22.59	22.18	23.24	24.00
	6H	17.70	18.69	18.36	19.35	20.12	21.83	22.82	22.50	23.48	24.25
	8H	17.72	18.66	18.39	19.34	20.11	21.92	22.86	22.59	23.54	24.32
	12H	17.70	18.60	18.38	19.27	20.08	21.97	22.87	22.65	23.55	24.35
4H	2H	17.93	19.00	18.58	19.65	20.41	20.14	21.21	20.79	21.86	22.62
	3H	18.99	19.88	19.66	20.57	21.35	21.69	22.58	22.35	23.26	24.04
	4H	19.29	20.09	19.97	20.78	21.59	22.23	23.04	22.91	23.73	24.54
	6H	19.43	20.13	20.13	20.85	21.67	22.62	23.32	23.32	24.04	24.86
	8H	19.45	20.10	20.15	20.82	21.65	22.74	23.39	23.45	24.11	24.94
	12H	19.43	20.02	20.16	20.76	21.60	22.82	23.40	23.54	24.14	24.98
8H	4H	19.77	20.43	20.48	21.14	21.97	22.39	23.04	23.09	23.76	24.59
	6H	20.05	20.59	20.79	21.35	22.19	22.84	23.39	23.58	24.14	24.98
	8H	20.10	20.58	20.85	21.34	22.19	23.00	23.48	23.75	24.24	25.09
	12H	20.10	20.53	20.85	21.27	22.19	23.12	23.55	23.87	24.29	25.21
12H	4H	19.80	20.39	20.52	21.12	21.96	22.37	22.96	23.10	23.70	24.54
	6H	20.11	20.60	20.86	21.36	22.21	22.84	23.33	23.59	24.09	24.94
	8H	20.20	20.63	20.95	21.37	22.29	23.03	23.45	23.78	24.20	25.11