

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: P934013

Luminaire Tested: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934013
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

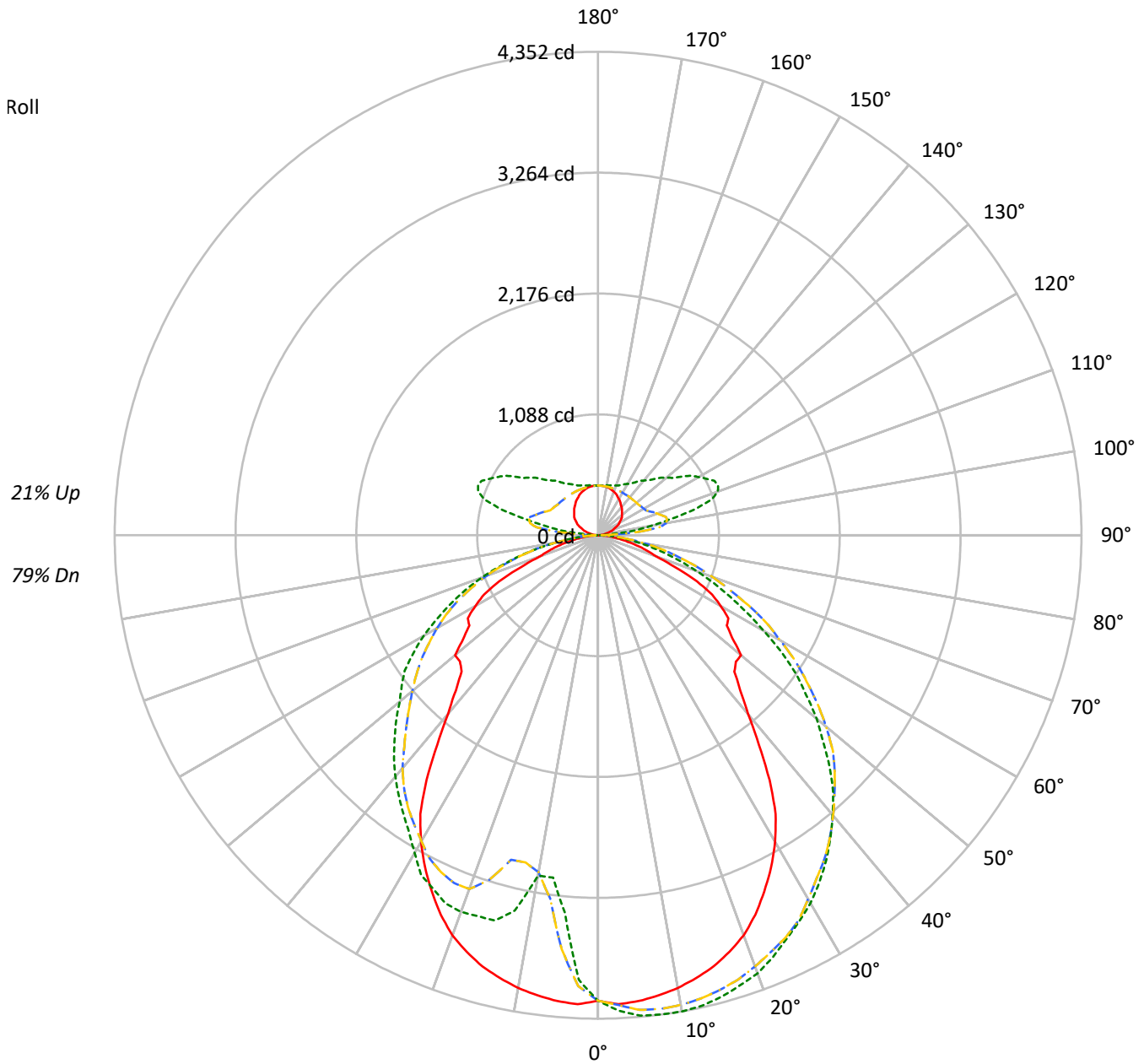
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13767.0 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 116.4
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				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	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79				79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67				67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56				56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47				47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41				41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35				35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31				31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27				27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24				24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22				22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20				20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12959	12959	12959	12959
5°	13061	13082	13061	10286
10°	12978	12886	12978	9212
15°	12842	12607	12842	10527
20°	12578	12276	12578	10549
25°	12033	11794	12033	10325
30°	11327	11393	11327	9835
35°	10104	10886	10104	9295
40°	8424	10290	8424	8888
45°	7531	9592	7531	8419
50°	8007	8760	8007	7949
55°	7541	7863	7541	7676
60°	7783	6678	7783	7031
65°	7068	5520	7068	6171
70°	4906	4399	4906	5172
75°	4319	3252	4319	3894
80°	3505	2150	3505	2341
85°	2054	1138	2054	968

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11536 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	378.2	2.7
10°-20°	1073.8	7.8
20°-30°	1659.9	12.1
30°-40°	1981.5	14.4
40°-50°	1993.2	14.5
50°-60°	1734.3	12.6
60°-70°	1229.6	8.9
70°-80°	650.5	4.7
80°-90°	163.7	1.2
90°-100°	218.2	1.6
100°-110°	573.7	4.2
110°-120°	594.9	4.3
120°-130°	477.2	3.5
130°-140°	374.4	2.7
140°-150°	287.4	2.1
150°-160°	207.0	1.5
160°-170°	126.6	0.9
170°-180°	42.8	0.3
0°-30°	3111.8	22.6
0°-40°	5093.4	37.0
0°-60°	8820.8	64.1
0°-90°	10864.7	78.9
90°-120°	1386.9	10.1
90°-150°	2525.9	18.3
90°-180°	2902.0	21.1
0°-180°	13767.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4190	4190	4190	4190	4190	
5°	4210	4340	4210	3413	4210	399
15°	4019	4301	4019	3591	4019	1131
25°	3540	4011	3540	3512	3540	1625
35°	2691	3579	2691	3056	2691	1665
45°	1736	2949	1736	2588	1736	1391
55°	1415	2176	1415	2124	1415	1300
65°	983	1312	983	1467	983	939
75°	373	622	373	745	373	392
85°	63	158	63	135	63	86
90°	3	11	3	11	3	5
95°	29	132	29	132	29	32
105°	103	898	103	898	103	110
115°	184	1157	184	1157	184	181
125°	255	921	255	921	255	227
135°	304	715	304	715	304	236
145°	353	580	353	580	353	221
155°	399	499	399	499	399	183
165°	431	465	431	465	431	122
175°	448	451	448	451	448	42
180°	448	448	448	448	448	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6
2.5°	4225.3	4225.3	4249.1	4257.0	4257.0	4245.1	4233.2	4245.1	4280.8	4292.7	4288.7
5°	4209.5	4241.2	4284.8	4292.7	4300.6	4296.7	4288.7	4296.7	4336.3	4344.2	4348.2
7.5°	4177.7	4237.2	4292.7	4304.6	4316.5	4304.6	4300.6	4308.6	4348.2	4356.1	4356.1
10°	4138.1	4221.4	4284.8	4292.7	4304.6	4292.7	4292.7	4308.6	4348.2	4356.1	4360.1
12.5°	4082.6	4197.6	4257.0	4265.0	4280.8	4276.8	4272.9	4288.7	4328.4	4336.3	4336.3
15°	4019.2	4154.0	4209.5	4217.4	4245.1	4237.2	4237.2	4253.1	4296.7	4308.6	4304.6
17.5°	3932.0	4098.5	4161.9	4173.8	4193.6	4189.6	4193.6	4209.5	4249.1	4257.0	4261.0
20°	3832.9	4023.2	4098.5	4110.4	4130.2	4130.2	4130.2	4150.0	4189.6	4205.5	4205.5
22.5°	3698.1	3943.9	4023.2	4031.1	4054.9	4054.9	4062.8	4090.5	4126.2	4130.2	4130.2
25°	3539.6	3856.7	3924.1	3947.9	3971.6	3983.5	3995.4	4011.3	4023.2	4019.2	4023.2
27.5°	3373.1	3745.7	3832.9	3848.8	3880.5	3892.4	3908.2	3912.2	3916.1	3928.0	3920.1
30°	3186.8	3591.1	3721.9	3737.8	3789.3	3797.2	3781.4	3789.3	3809.1	3817.1	3825.0
32.5°	2976.7	3361.2	3607.0	3642.6	3690.2	3666.4	3662.5	3674.4	3706.1	3706.1	3714.0
35°	2691.4	3182.9	3500.0	3531.7	3567.3	3539.6	3555.4	3559.4	3579.2	3591.1	3587.2
37.5°	2378.2	3028.3	3389.0	3412.8	3440.5	3404.8	3428.6	3440.5	3456.4	3448.4	3448.4
40°	2100.8	2786.5	3258.2	3274.0	3297.8	3270.1	3293.8	3301.8	3309.7	3301.8	3297.8
42.5°	1894.7	2520.9	3119.4	3139.3	3123.4	3143.2	3151.1	3167.0	3155.1	3139.3	3139.3
45°	1736.1	2449.6	2968.8	2992.6	2968.8	3000.5	3012.4	3012.4	2976.7	2968.8	2964.9
47.5°	1684.6	2306.9	2818.2	2818.2	2806.3	2845.9	2865.8	2838.0	2802.3	2790.5	2790.5
50°	1680.6	2148.3	2612.1	2596.2	2651.7	2699.3	2679.5	2651.7	2624.0	2580.4	2580.4
52.5°	1526.0	1954.1	2346.5	2406.0	2493.2	2520.9	2489.2	2461.5	2413.9	2394.1	2378.2
55°	1415.0	1752.0	2104.7	2223.6	2314.8	2350.5	2291.0	2263.3	2191.9	2180.0	2172.1
57.5°	1391.3	1458.6	1882.8	2033.4	2144.4	2140.4	2104.7	2053.2	1993.7	1981.9	1977.9
60°	1276.3	1054.3	1644.9	1823.3	1938.3	1926.4	1894.7	1847.1	1791.6	1783.7	1775.7
62.5°	1157.4	765.0	1375.4	1577.6	1740.1	1736.1	1708.4	1637.0	1597.4	1577.6	1561.7
65°	983.0	642.1	979.0	1312.0	1545.8	1553.8	1494.3	1442.8	1399.2	1375.4	1371.4
67.5°	749.1	523.2	661.9	1094.0	1359.6	1351.6	1276.3	1252.5	1197.0	1185.1	1161.4
70°	554.9	348.8	459.8	887.9	1177.2	1157.4	1097.9	1070.2	1018.7	990.9	975.1
72.5°	459.8	281.4	336.9	689.7	990.9	967.1	915.6	883.9	840.3	816.5	800.7
75°	372.6	297.3	257.6	511.3	804.6	788.8	741.2	709.5	673.8	642.1	646.1
77.5°	273.5	277.5	206.1	376.6	638.2	614.4	586.6	547.0	531.1	499.4	499.4
80°	206.1	218.0	154.6	257.6	459.8	459.8	436.0	408.3	380.5	364.7	364.7
82.5°	138.7	138.7	114.9	162.5	313.1	301.2	285.4	277.5	261.6	253.7	253.7
85°	63.4	79.3	71.3	99.1	170.4	178.4	178.4	170.4	166.5	158.5	162.5
87.5°	19.8	35.7	43.6	55.5	87.2	91.2	95.1	95.1	95.1	99.1	99.1
90°	3.0	5.4	7.8	8.4	13.2	19.6	22.8	20.3	15.2	11.4	11.4
92.5°	12.0	32.4	52.9	58.0	81.5	112.9	128.6	112.7	80.9	57.1	54.8
95°	28.8	66.2	103.6	113.0	200.6	317.5	375.9	335.4	254.5	193.8	186.9
97.5°	49.9	82.9	115.9	124.1	270.2	465.1	562.5	536.9	485.8	447.4	434.3
100°	66.1	96.0	125.9	133.4	295.6	511.8	619.9	621.8	625.5	628.3	612.7
102.5°	79.9	107.8	135.7	142.7	307.2	526.5	636.1	668.7	733.8	782.7	769.3
105°	103.4	127.0	150.6	156.5	315.8	528.1	634.3	707.3	853.4	963.0	955.8
107.5°	127.4	149.4	171.5	177.0	317.4	504.6	598.2	700.1	903.9	1056.8	1058.5
110°	143.6	163.5	183.4	188.4	315.0	483.8	568.2	682.1	909.9	1080.8	1088.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	159.6	178.5	197.5	202.2	315.1	465.6	540.9	657.5	890.6	1065.5	1077.0
115°	183.6	201.1	218.6	223.0	318.0	444.7	508.1	620.4	845.0	1013.5	1029.4
117.5°	207.3	223.2	239.1	243.1	323.9	431.7	485.6	587.0	789.7	941.7	959.4
120°	221.1	236.1	251.1	254.8	328.7	427.2	476.5	569.1	754.4	893.3	910.5
122.5°	234.7	249.8	264.8	268.6	335.6	424.9	469.6	553.0	719.8	844.9	861.8
125°	255.4	269.2	283.0	286.4	345.0	423.1	462.1	532.9	674.6	780.9	796.5
127.5°	272.2	286.1	300.0	303.5	354.3	422.0	455.8	516.6	638.3	729.5	742.7
130°	281.2	296.2	311.2	314.9	361.1	422.6	453.4	507.6	615.9	697.1	709.3
132.5°	290.6	305.5	320.5	324.2	366.6	423.1	451.3	499.8	596.8	669.5	680.4
135°	304.4	318.0	331.6	335.0	372.6	422.7	447.7	488.3	569.5	630.4	639.8
137.5°	318.5	332.0	345.4	348.8	381.6	425.3	447.1	481.4	550.0	601.5	609.2
140°	330.2	342.6	355.1	358.2	387.1	425.7	445.0	474.6	533.9	578.4	585.6
142.5°	339.2	350.7	362.2	365.1	391.7	427.2	445.0	471.0	523.1	562.2	568.4
145°	353.1	363.1	373.1	375.6	397.7	427.2	442.0	463.3	505.9	537.8	542.5
147.5°	366.9	376.6	386.4	388.8	406.5	430.2	442.0	458.8	492.3	517.4	521.3
150°	375.9	384.7	393.5	395.7	411.1	431.7	442.0	456.2	484.5	505.7	508.8
152.5°	385.2	391.9	398.5	400.2	414.1	432.7	442.0	454.1	478.3	496.4	498.8
155°	399.0	403.9	408.9	410.1	420.7	434.9	442.0	451.6	470.9	485.3	486.9
157.5°	409.2	414.0	418.9	420.1	427.4	437.1	442.0	449.5	464.4	475.6	476.7
160°	416.2	419.9	423.7	424.6	430.4	438.1	442.0	448.4	461.2	470.8	471.4
162.5°	423.1	425.9	428.7	429.4	433.6	439.2	442.0	447.4	458.2	466.3	466.9
165°	430.6	433.1	435.7	436.3	438.2	440.7	442.0	445.9	453.6	459.4	460.0
167.5°	437.5	438.7	439.9	440.2	441.8	443.9	445.0	447.5	452.6	456.4	456.7
170°	442.0	443.2	444.4	444.7	444.8	444.9	445.0	447.5	452.6	456.4	456.4
172.5°	444.4	444.7	444.9	445.0	445.0	445.0	445.0	447.0	451.0	454.0	453.8
175°	447.7	447.7	447.7	447.7	446.8	445.6	445.0	446.3	448.8	450.7	450.7
177.5°	447.7	447.7	447.7	447.7	447.0	446.1	445.6	446.6	448.6	450.1	449.8
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6
2.5°	4296.7	4284.8	4296.7	4288.7	4292.7	4280.8	4245.1	4233.2	4245.1	4257.0	4257.0
5°	4348.2	4340.3	4348.2	4348.2	4344.2	4336.3	4296.7	4288.7	4296.7	4300.6	4292.7
7.5°	4364.0	4352.2	4364.0	4356.1	4356.1	4348.2	4308.6	4300.6	4304.6	4316.5	4304.6
10°	4364.0	4352.2	4364.0	4360.1	4356.1	4348.2	4308.6	4292.7	4292.7	4304.6	4292.7
12.5°	4344.2	4336.3	4344.2	4336.3	4336.3	4328.4	4288.7	4272.9	4276.8	4280.8	4265.0
15°	4312.5	4300.6	4312.5	4304.6	4308.6	4296.7	4253.1	4237.2	4237.2	4245.1	4217.4
17.5°	4265.0	4249.1	4265.0	4261.0	4257.0	4249.1	4209.5	4193.6	4189.6	4193.6	4173.8
20°	4209.5	4197.6	4209.5	4205.5	4205.5	4189.6	4150.0	4130.2	4130.2	4130.2	4110.4
22.5°	4122.3	4110.4	4122.3	4130.2	4130.2	4126.2	4090.5	4062.8	4054.9	4054.9	4031.1
25°	4023.2	4011.3	4023.2	4023.2	4019.2	4023.2	4011.3	3995.4	3983.5	3971.6	3947.9
27.5°	3928.0	3920.1	3928.0	3920.1	3928.0	3916.1	3912.2	3908.2	3892.4	3880.5	3848.8
30°	3832.9	3825.0	3832.9	3825.0	3817.1	3809.1	3789.3	3781.4	3797.2	3789.3	3737.8
32.5°	3714.0	3706.1	3714.0	3714.0	3706.1	3706.1	3674.4	3662.5	3666.4	3690.2	3642.6
35°	3591.1	3579.2	3591.1	3587.2	3591.1	3579.2	3559.4	3555.4	3539.6	3567.3	3531.7
37.5°	3448.4	3436.5	3448.4	3448.4	3448.4	3456.4	3440.5	3428.6	3404.8	3440.5	3412.8
40°	3301.8	3285.9	3301.8	3297.8	3301.8	3309.7	3301.8	3293.8	3270.1	3297.8	3274.0
42.5°	3135.3	3131.3	3135.3	3139.3	3139.3	3155.1	3167.0	3151.1	3143.2	3123.4	3139.3
45°	2956.9	2949.0	2956.9	2964.9	2968.8	2976.7	3012.4	3012.4	3000.5	2968.8	2992.6
47.5°	2766.7	2746.9	2766.7	2790.5	2790.5	2802.3	2838.0	2865.8	2845.9	2806.3	2818.2
50°	2564.5	2568.5	2564.5	2580.4	2580.4	2624.0	2651.7	2679.5	2699.3	2651.7	2596.2
52.5°	2366.3	2362.4	2366.3	2378.2	2394.1	2413.9	2461.5	2489.2	2520.9	2493.2	2406.0
55°	2168.1	2176.1	2168.1	2172.1	2180.0	2191.9	2263.3	2291.0	2350.5	2314.8	2223.6
57.5°	1970.0	1958.1	1970.0	1977.9	1981.9	1993.7	2053.2	2104.7	2140.4	2144.4	2033.4
60°	1740.1	1724.2	1740.1	1775.7	1783.7	1791.6	1847.1	1894.7	1926.4	1938.3	1823.3
62.5°	1537.9	1510.2	1537.9	1561.7	1577.6	1597.4	1637.0	1708.4	1736.1	1740.1	1577.6
65°	1323.9	1312.0	1323.9	1371.4	1375.4	1399.2	1442.8	1494.3	1553.8	1545.8	1312.0
67.5°	1129.7	1129.7	1129.7	1161.4	1185.1	1197.0	1252.5	1276.3	1351.6	1359.6	1094.0
70°	951.3	947.3	951.3	975.1	990.9	1018.7	1070.2	1097.9	1157.4	1177.2	887.9
72.5°	780.9	776.9	780.9	800.7	816.5	840.3	883.9	915.6	967.1	990.9	689.7
75°	630.2	622.3	630.2	646.1	642.1	673.8	709.5	741.2	788.8	804.6	511.3
77.5°	483.6	483.6	483.6	499.4	499.4	531.1	547.0	586.6	614.4	638.2	376.6
80°	360.7	356.7	360.7	364.7	364.7	380.5	408.3	436.0	459.8	459.8	257.6
82.5°	253.7	245.7	253.7	253.7	253.7	261.6	277.5	285.4	301.2	313.1	162.5
85°	158.5	158.5	158.5	162.5	158.5	166.5	170.4	178.4	178.4	170.4	99.1
87.5°	103.1	99.1	103.1	99.1	99.1	95.1	95.1	95.1	91.2	87.2	55.5
90°	11.4	11.4	11.4	11.4	11.4	15.2	20.3	22.8	19.6	13.2	8.4
92.5°	45.8	36.7	45.8	54.8	57.1	80.9	112.7	128.6	112.9	81.5	58.0
95°	159.4	131.9	159.4	186.9	193.8	254.5	335.4	375.9	317.5	200.6	113.0
97.5°	382.0	329.6	382.0	434.3	447.4	485.8	536.9	562.5	465.1	270.2	124.1
100°	550.4	488.0	550.4	612.7	628.3	625.5	621.8	619.9	511.8	295.6	133.4
102.5°	715.9	662.5	715.9	769.3	782.7	733.8	668.7	636.1	526.5	307.2	142.7
105°	927.1	898.4	927.1	955.8	963.0	853.4	707.3	634.3	528.1	315.8	156.5
107.5°	1065.5	1072.4	1065.5	1058.5	1056.8	903.9	700.1	598.2	504.6	317.4	177.0
110°	1118.2	1148.1	1118.2	1088.3	1080.8	909.9	682.1	568.2	483.8	315.0	188.4



TEST NUMBER: P934013

CATALOG NUMBER: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1122.9	1168.8	1122.9	1077.0	1065.5	890.6	657.5	540.9	465.6	315.1	202.2
115°	1093.1	1156.8	1093.1	1029.4	1013.5	845.0	620.4	508.1	444.7	318.0	223.0
117.5°	1030.0	1100.6	1030.0	959.4	941.7	789.7	587.0	485.6	431.7	323.9	243.1
120°	979.1	1047.7	979.1	910.5	893.3	754.4	569.1	476.5	427.2	328.7	254.8
122.5°	929.6	997.3	929.6	861.8	844.9	719.8	553.0	469.6	424.9	335.6	268.6
125°	858.8	921.2	858.8	796.5	780.9	674.6	532.9	462.1	423.1	345.0	286.4
127.5°	795.3	847.9	795.3	742.7	729.5	638.3	516.6	455.8	422.0	354.3	303.5
130°	757.9	806.5	757.9	709.3	697.1	615.9	507.6	453.4	422.6	361.1	314.9
132.5°	723.9	767.4	723.9	680.4	669.5	596.8	499.8	451.3	423.1	366.6	324.2
135°	677.3	714.8	677.3	639.8	630.4	569.5	488.3	447.7	422.7	372.6	335.0
137.5°	639.9	670.7	639.9	609.2	601.5	550.0	481.4	447.1	425.3	381.6	348.8
140°	614.3	643.0	614.3	585.6	578.4	533.9	474.6	445.0	425.7	387.1	358.2
142.5°	593.1	617.8	593.1	568.4	562.2	523.1	471.0	445.0	427.2	391.7	365.1
145°	561.2	579.9	561.2	542.5	537.8	505.9	463.3	442.0	427.2	397.7	375.6
147.5°	536.8	552.3	536.8	521.3	517.4	492.3	458.8	442.0	430.2	406.5	388.8
150°	521.4	533.9	521.4	508.8	505.7	484.5	456.2	442.0	431.7	411.1	395.7
152.5°	508.2	517.7	508.2	498.8	496.4	478.3	454.1	442.0	432.7	414.1	400.2
155°	493.1	499.4	493.1	486.9	485.3	470.9	451.6	442.0	434.9	420.7	410.1
157.5°	481.2	485.6	481.2	476.7	475.6	464.4	449.5	442.0	437.1	427.4	420.1
160°	474.0	476.5	474.0	471.4	470.8	461.2	448.4	442.0	438.1	430.4	424.6
162.5°	469.3	471.7	469.3	466.9	466.3	458.2	447.4	442.0	439.2	433.6	429.4
165°	462.6	465.1	462.6	460.0	459.4	453.6	445.9	442.0	440.7	438.2	436.3
167.5°	457.7	458.8	457.7	456.7	456.4	452.6	447.5	445.0	443.9	441.8	440.2
170°	456.4	456.4	456.4	456.4	456.4	452.6	447.5	445.0	444.9	444.8	444.7
172.5°	452.8	451.9	452.8	453.8	454.0	451.0	447.0	445.0	445.0	445.0	445.0
175°	450.7	450.7	450.7	450.7	450.7	448.8	446.3	445.0	445.6	446.8	447.7
177.5°	448.8	447.7	448.8	449.8	450.1	448.6	446.6	445.6	446.1	447.0	447.7
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934013

CATALOG NUMBER: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6
2.5°	4249.1	4225.3	4225.3	4185.7	4169.8	4157.9	4138.1	4078.7	4062.8	4046.9	4070.7
5°	4284.8	4241.2	4209.5	4138.1	4078.7	4054.9	3979.6	3836.9	3741.7	3670.4	3630.8
7.5°	4292.7	4237.2	4177.7	4066.8	3924.1	3860.7	3630.8	3369.2	3297.8	3234.4	3194.7
10°	4284.8	4221.4	4138.1	3971.6	3634.7	3523.7	3293.8	3123.4	3079.8	3067.9	3079.8
12.5°	4257.0	4197.6	4082.6	3805.2	3333.5	3258.2	3123.4	3024.3	3016.4	3036.2	3143.2
15°	4209.5	4154.0	4019.2	3583.2	3167.0	3111.5	3016.4	2980.7	3024.3	3163.0	3484.1
17.5°	4161.9	4098.5	3932.0	3365.2	3040.2	3000.5	2933.1	3004.5	3250.2	3436.5	3543.6
20°	4098.5	4023.2	3832.9	3206.6	2949.0	2913.3	2881.6	3202.7	3389.0	3456.4	3515.8
22.5°	4023.2	3943.9	3698.1	3095.7	2853.9	2826.1	2845.9	3313.7	3389.0	3436.5	3488.1
25°	3924.1	3856.7	3539.6	3008.5	2778.6	2746.9	2822.2	3301.8	3345.4	3357.3	3460.3
27.5°	3832.9	3745.7	3373.1	2929.2	2687.4	2675.5	2842.0	3250.2	3282.0	3293.8	3404.8
30°	3721.9	3591.1	3186.8	2845.9	2592.3	2588.3	2845.9	3186.8	3178.9	3210.6	3321.6
32.5°	3607.0	3361.2	2976.7	2742.9	2501.1	2497.1	2818.2	3091.7	3083.8	3127.4	3210.6
35°	3500.0	3182.9	2691.4	2624.0	2386.2	2390.1	2750.8	2980.7	2984.7	3024.3	3075.8
37.5°	3389.0	3028.3	2378.2	2493.2	2275.2	2275.2	2659.6	2877.7	2869.7	2881.6	2953.0
40°	3258.2	2786.5	2100.8	2322.7	2172.1	2160.2	2548.7	2766.7	2738.9	2735.0	2834.1
42.5°	3119.4	2520.9	1894.7	2096.8	2053.2	2037.3	2413.9	2631.9	2580.4	2592.3	2719.1
45°	2968.8	2449.6	1736.1	1771.8	1930.3	1918.4	2267.2	2477.3	2441.6	2473.4	2604.2
47.5°	2818.2	2306.9	1684.6	1470.5	1799.5	1795.6	2104.7	2326.7	2306.9	2338.6	2477.3
50°	2612.1	2148.3	1680.6	1260.5	1652.9	1668.7	1910.5	2180.0	2180.0	2207.8	2354.4
52.5°	2346.5	1954.1	1526.0	1141.5	1482.4	1530.0	1740.1	2053.2	2061.1	2088.9	2219.7
55°	2104.7	1752.0	1415.0	1050.4	1280.3	1383.3	1573.6	1922.4	1938.3	1966.0	2084.9
57.5°	1882.8	1458.6	1391.3	943.4	1094.0	1193.1	1426.9	1795.6	1803.5	1827.3	1942.2
60°	1644.9	1054.3	1276.3	828.4	931.5	1006.8	1292.2	1644.9	1672.7	1688.5	1787.6
62.5°	1375.4	765.0	1157.4	749.1	852.2	868.1	1181.2	1502.2	1537.9	1549.8	1609.3
65°	979.0	642.1	983.0	681.8	769.0	772.9	1062.3	1355.6	1387.3	1407.1	1450.7
67.5°	661.9	523.2	749.1	618.3	705.5	709.5	947.3	1185.1	1228.7	1244.6	1272.4
70°	459.8	348.8	554.9	551.0	634.2	642.1	824.5	1030.6	1070.2	1082.1	1097.9
72.5°	336.9	281.4	459.8	495.5	558.9	566.8	697.6	856.2	895.8	907.7	915.6
75°	257.6	297.3	372.6	432.0	475.6	479.6	570.8	697.6	725.4	733.3	737.2
77.5°	206.1	277.5	273.5	348.8	388.4	380.5	447.9	539.1	562.8	562.8	562.8
80°	154.6	218.0	206.1	249.7	285.4	277.5	321.1	384.5	392.4	400.3	396.4
82.5°	114.9	138.7	138.7	158.5	190.3	182.3	214.0	249.7	249.7	249.7	257.6
85°	71.3	79.3	63.4	83.2	107.0	103.1	118.9	134.8	138.7	138.7	130.8
87.5°	43.6	35.7	19.8	31.7	47.6	47.6	55.5	59.5	55.5	55.5	55.5
90°	7.8	5.4	3.0	5.4	7.8	8.4	13.2	19.6	22.8	20.3	15.2
92.5°	52.9	32.4	12.0	32.4	52.9	58.0	81.5	112.9	128.6	112.7	80.9
95°	103.6	66.2	28.8	66.2	103.6	113.0	200.6	317.5	375.9	335.4	254.5
97.5°	115.9	82.9	49.9	82.9	115.9	124.1	270.2	465.1	562.5	536.9	485.8
100°	125.9	96.0	66.1	96.0	125.9	133.4	295.6	511.8	619.9	621.8	625.5
102.5°	135.7	107.8	79.9	107.8	135.7	142.7	307.2	526.5	636.1	668.7	733.8
105°	150.6	127.0	103.4	127.0	150.6	156.5	315.8	528.1	634.3	707.3	853.4
107.5°	171.5	149.4	127.4	149.4	171.5	177.0	317.4	504.6	598.2	700.1	903.9
110°	183.4	163.5	143.6	163.5	183.4	188.4	315.0	483.8	568.2	682.1	909.9



TEST NUMBER: P934013

CATALOG NUMBER: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	197.5	178.5	159.6	178.5	197.5	202.2	315.1	465.6	540.9	657.5	890.6
115°	218.6	201.1	183.6	201.1	218.6	223.0	318.0	444.7	508.1	620.4	845.0
117.5°	239.1	223.2	207.3	223.2	239.1	243.1	323.9	431.7	485.6	587.0	789.7
120°	251.1	236.1	221.1	236.1	251.1	254.8	328.7	427.2	476.5	569.1	754.4
122.5°	264.8	249.8	234.7	249.8	264.8	268.6	335.6	424.9	469.6	553.0	719.8
125°	283.0	269.2	255.4	269.2	283.0	286.4	345.0	423.1	462.1	532.9	674.6
127.5°	300.0	286.1	272.2	286.1	300.0	303.5	354.3	422.0	455.8	516.6	638.3
130°	311.2	296.2	281.2	296.2	311.2	314.9	361.1	422.6	453.4	507.6	615.9
132.5°	320.5	305.5	290.6	305.5	320.5	324.2	366.6	423.1	451.3	499.8	596.8
135°	331.6	318.0	304.4	318.0	331.6	335.0	372.6	422.7	447.7	488.3	569.5
137.5°	345.4	332.0	318.5	332.0	345.4	348.8	381.6	425.3	447.1	481.4	550.0
140°	355.1	342.6	330.2	342.6	355.1	358.2	387.1	425.7	445.0	474.6	533.9
142.5°	362.2	350.7	339.2	350.7	362.2	365.1	391.7	427.2	445.0	471.0	523.1
145°	373.1	363.1	353.1	363.1	373.1	375.6	397.7	427.2	442.0	463.3	505.9
147.5°	386.4	376.6	366.9	376.6	386.4	388.8	406.5	430.2	442.0	458.8	492.3
150°	393.5	384.7	375.9	384.7	393.5	395.7	411.1	431.7	442.0	456.2	484.5
152.5°	398.5	391.9	385.2	391.9	398.5	400.2	414.1	432.7	442.0	454.1	478.3
155°	408.9	403.9	399.0	403.9	408.9	410.1	420.7	434.9	442.0	451.6	470.9
157.5°	418.9	414.0	409.2	414.0	418.9	420.1	427.4	437.1	442.0	449.5	464.4
160°	423.7	419.9	416.2	419.9	423.7	424.6	430.4	438.1	442.0	448.4	461.2
162.5°	428.7	425.9	423.1	425.9	428.7	429.4	433.6	439.2	442.0	447.4	458.2
165°	435.7	433.1	430.6	433.1	435.7	436.3	438.2	440.7	442.0	445.9	453.6
167.5°	439.9	438.7	437.5	438.7	439.9	440.2	441.8	443.9	445.0	447.5	452.6
170°	444.4	443.2	442.0	443.2	444.4	444.7	444.8	444.9	445.0	447.5	452.6
172.5°	444.9	444.7	444.4	444.7	444.9	445.0	445.0	445.0	445.0	447.0	451.0
175°	447.7	447.7	447.7	447.7	447.7	447.7	446.8	445.6	445.0	446.3	448.8
177.5°	447.7	447.7	447.7	447.7	447.7	447.7	447.0	446.1	445.6	446.6	448.6
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



TEST NUMBER: P934013

CATALOG NUMBER: SQ4-FA-025U-100D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6	4189.6
2.5°	4043.0	4031.1	4046.9	4003.3	4046.9	4031.1	4043.0	4070.7	4046.9	4062.8	4078.7
5°	3547.5	3527.7	3464.3	3412.8	3464.3	3527.7	3547.5	3630.8	3670.4	3741.7	3836.9
7.5°	3171.0	3155.1	3139.3	3107.5	3139.3	3155.1	3171.0	3194.7	3234.4	3297.8	3369.2
10°	3087.7	3091.7	3115.5	3111.5	3115.5	3091.7	3087.7	3079.8	3067.9	3079.8	3123.4
12.5°	3301.8	3337.4	3468.2	3460.3	3468.2	3337.4	3301.8	3143.2	3036.2	3016.4	3024.3
15°	3547.5	3559.4	3587.2	3591.1	3587.2	3559.4	3547.5	3484.1	3163.0	3024.3	2980.7
17.5°	3571.3	3575.3	3595.1	3595.1	3595.1	3575.3	3571.3	3543.6	3436.5	3250.2	3004.5
20°	3551.5	3559.4	3599.0	3607.0	3599.0	3559.4	3551.5	3515.8	3456.4	3389.0	3202.7
22.5°	3543.6	3559.4	3591.1	3587.2	3591.1	3559.4	3543.6	3488.1	3436.5	3389.0	3313.7
25°	3503.9	3503.9	3507.9	3511.8	3507.9	3503.9	3503.9	3460.3	3357.3	3345.4	3301.8
27.5°	3420.7	3428.6	3452.4	3448.4	3452.4	3428.6	3420.7	3404.8	3293.8	3282.0	3250.2
30°	3345.4	3337.4	3317.6	3301.8	3317.6	3337.4	3345.4	3321.6	3210.6	3178.9	3186.8
32.5°	3218.5	3198.7	3178.9	3167.0	3178.9	3198.7	3218.5	3210.6	3127.4	3083.8	3091.7
35°	3067.9	3071.9	3067.9	3056.0	3067.9	3071.9	3067.9	3075.8	3024.3	2984.7	2980.7
37.5°	2960.9	2968.8	2964.9	2949.0	2964.9	2968.8	2960.9	2953.0	2881.6	2869.7	2877.7
40°	2849.9	2853.9	2849.9	2838.0	2849.9	2853.9	2849.9	2834.1	2735.0	2738.9	2766.7
42.5°	2742.9	2738.9	2727.0	2719.1	2727.0	2738.9	2742.9	2719.1	2592.3	2580.4	2631.9
45°	2620.0	2624.0	2600.2	2588.3	2600.2	2624.0	2620.0	2604.2	2473.4	2441.6	2477.3
47.5°	2497.1	2497.1	2477.3	2465.4	2477.3	2497.1	2497.1	2477.3	2338.6	2306.9	2326.7
50°	2366.3	2362.4	2334.6	2330.7	2334.6	2362.4	2366.3	2354.4	2207.8	2180.0	2180.0
52.5°	2215.7	2215.7	2219.7	2227.6	2219.7	2215.7	2215.7	2219.7	2088.9	2061.1	2053.2
55°	2084.9	2088.9	2116.6	2124.5	2116.6	2088.9	2084.9	2084.9	1966.0	1938.3	1922.4
57.5°	1950.1	1950.1	1970.0	1970.0	1970.0	1950.1	1950.1	1942.2	1827.3	1803.5	1795.6
60°	1795.6	1803.5	1819.3	1815.4	1819.3	1803.5	1795.6	1787.6	1688.5	1672.7	1644.9
62.5°	1633.0	1641.0	1644.9	1637.0	1644.9	1641.0	1633.0	1609.3	1549.8	1537.9	1502.2
65°	1462.6	1470.5	1474.5	1466.6	1474.5	1470.5	1462.6	1450.7	1407.1	1387.3	1355.6
67.5°	1288.2	1284.2	1280.3	1296.1	1280.3	1284.2	1288.2	1272.4	1244.6	1228.7	1185.1
70°	1109.8	1109.8	1105.9	1113.8	1105.9	1109.8	1109.8	1097.9	1082.1	1070.2	1030.6
72.5°	919.6	915.6	931.5	919.6	931.5	915.6	919.6	915.6	907.7	895.8	856.2
75°	733.3	741.2	733.3	745.2	733.3	741.2	733.3	737.2	733.3	725.4	697.6
77.5°	558.9	566.8	558.9	558.9	558.9	566.8	558.9	562.8	562.8	562.8	539.1
80°	396.4	392.4	392.4	388.4	392.4	392.4	396.4	396.4	400.3	392.4	384.5
82.5°	253.7	249.7	249.7	257.6	249.7	249.7	253.7	257.6	249.7	249.7	249.7
85°	138.7	142.7	134.8	134.8	134.8	142.7	138.7	130.8	138.7	138.7	134.8
87.5°	51.5	47.6	47.6	47.6	47.6	47.6	51.5	55.5	55.5	55.5	59.5
90°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	15.2	20.3	22.8	19.6
92.5°	57.1	54.8	45.8	36.7	45.8	54.8	57.1	80.9	112.7	128.6	112.9
95°	193.8	186.9	159.4	131.9	159.4	186.9	193.8	254.5	335.4	375.9	317.5
97.5°	447.4	434.3	382.0	329.6	382.0	434.3	447.4	485.8	536.9	562.5	465.1
100°	628.3	612.7	550.4	488.0	550.4	612.7	628.3	625.5	621.8	619.9	511.8
102.5°	782.7	769.3	715.9	662.5	715.9	769.3	782.7	733.8	668.7	636.1	526.5
105°	963.0	955.8	927.1	898.4	927.1	955.8	963.0	853.4	707.3	634.3	528.1
107.5°	1056.8	1058.5	1065.5	1072.4	1065.5	1058.5	1056.8	903.9	700.1	598.2	504.6
110°	1080.8	1088.3	1118.2	1148.1	1118.2	1088.3	1080.8	909.9	682.1	568.2	483.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1065.5	1077.0	1122.9	1168.8	1122.9	1077.0	1065.5	890.6	657.5	540.9	465.6
115°	1013.5	1029.4	1093.1	1156.8	1093.1	1029.4	1013.5	845.0	620.4	508.1	444.7
117.5°	941.7	959.4	1030.0	1100.6	1030.0	959.4	941.7	789.7	587.0	485.6	431.7
120°	893.3	910.5	979.1	1047.7	979.1	910.5	893.3	754.4	569.1	476.5	427.2
122.5°	844.9	861.8	929.6	997.3	929.6	861.8	844.9	719.8	553.0	469.6	424.9
125°	780.9	796.5	858.8	921.2	858.8	796.5	780.9	674.6	532.9	462.1	423.1
127.5°	729.5	742.7	795.3	847.9	795.3	742.7	729.5	638.3	516.6	455.8	422.0
130°	697.1	709.3	757.9	806.5	757.9	709.3	697.1	615.9	507.6	453.4	422.6
132.5°	669.5	680.4	723.9	767.4	723.9	680.4	669.5	596.8	499.8	451.3	423.1
135°	630.4	639.8	677.3	714.8	677.3	639.8	630.4	569.5	488.3	447.7	422.7
137.5°	601.5	609.2	639.9	670.7	639.9	609.2	601.5	550.0	481.4	447.1	425.3
140°	578.4	585.6	614.3	643.0	614.3	585.6	578.4	533.9	474.6	445.0	425.7
142.5°	562.2	568.4	593.1	617.8	593.1	568.4	562.2	523.1	471.0	445.0	427.2
145°	537.8	542.5	561.2	579.9	561.2	542.5	537.8	505.9	463.3	442.0	427.2
147.5°	517.4	521.3	536.8	552.3	536.8	521.3	517.4	492.3	458.8	442.0	430.2
150°	505.7	508.8	521.4	533.9	521.4	508.8	505.7	484.5	456.2	442.0	431.7
152.5°	496.4	498.8	508.2	517.7	508.2	498.8	496.4	478.3	454.1	442.0	432.7
155°	485.3	486.9	493.1	499.4	493.1	486.9	485.3	470.9	451.6	442.0	434.9
157.5°	475.6	476.7	481.2	485.6	481.2	476.7	475.6	464.4	449.5	442.0	437.1
160°	470.8	471.4	474.0	476.5	474.0	471.4	470.8	461.2	448.4	442.0	438.1
162.5°	466.3	466.9	469.3	471.7	469.3	466.9	466.3	458.2	447.4	442.0	439.2
165°	459.4	460.0	462.6	465.1	462.6	460.0	459.4	453.6	445.9	442.0	440.7
167.5°	456.4	456.7	457.7	458.8	457.7	456.7	456.4	452.6	447.5	445.0	443.9
170°	456.4	456.4	456.4	456.4	456.4	456.4	456.4	452.6	447.5	445.0	444.9
172.5°	454.0	453.8	452.8	451.9	452.8	453.8	454.0	451.0	447.0	445.0	445.0
175°	450.7	450.7	450.7	450.7	450.7	450.7	450.7	448.8	446.3	445.0	445.6
177.5°	450.1	449.8	448.8	447.7	448.8	449.8	450.1	448.6	446.6	445.6	446.1
180°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7	447.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4189.6	4189.6	4189.6	4189.6	4189.6
2.5°	4138.1	4157.9	4169.8	4185.7	4225.3
5°	3979.6	4054.9	4078.7	4138.1	4209.5
7.5°	3630.8	3860.7	3924.1	4066.8	4177.7
10°	3293.8	3523.7	3634.7	3971.6	4138.1
12.5°	3123.4	3258.2	3333.5	3805.2	4082.6
15°	3016.4	3111.5	3167.0	3583.2	4019.2
17.5°	2933.1	3000.5	3040.2	3365.2	3932.0
20°	2881.6	2913.3	2949.0	3206.6	3832.9
22.5°	2845.9	2826.1	2853.9	3095.7	3698.1
25°	2822.2	2746.9	2778.6	3008.5	3539.6
27.5°	2842.0	2675.5	2687.4	2929.2	3373.1
30°	2845.9	2588.3	2592.3	2845.9	3186.8
32.5°	2818.2	2497.1	2501.1	2742.9	2976.7
35°	2750.8	2390.1	2386.2	2624.0	2691.4
37.5°	2659.6	2275.2	2275.2	2493.2	2378.2
40°	2548.7	2160.2	2172.1	2322.7	2100.8
42.5°	2413.9	2037.3	2053.2	2096.8	1894.7
45°	2267.2	1918.4	1930.3	1771.8	1736.1
47.5°	2104.7	1795.6	1799.5	1470.5	1684.6
50°	1910.5	1668.7	1652.9	1260.5	1680.6
52.5°	1740.1	1530.0	1482.4	1141.5	1526.0
55°	1573.6	1383.3	1280.3	1050.4	1415.0
57.5°	1426.9	1193.1	1094.0	943.4	1391.3
60°	1292.2	1006.8	931.5	828.4	1276.3
62.5°	1181.2	868.1	852.2	749.1	1157.4
65°	1062.3	772.9	769.0	681.8	983.0
67.5°	947.3	709.5	705.5	618.3	749.1
70°	824.5	642.1	634.2	551.0	554.9
72.5°	697.6	566.8	558.9	495.5	459.8
75°	570.8	479.6	475.6	432.0	372.6
77.5°	447.9	380.5	388.4	348.8	273.5
80°	321.1	277.5	285.4	249.7	206.1
82.5°	214.0	182.3	190.3	158.5	138.7
85°	118.9	103.1	107.0	83.2	63.4
87.5°	55.5	47.6	47.6	31.7	19.8
90°	13.2	8.4	7.8	5.4	3.0
92.5°	81.5	58.0	52.9	32.4	12.0
95°	200.6	113.0	103.6	66.2	28.8
97.5°	270.2	124.1	115.9	82.9	49.9
100°	295.6	133.4	125.9	96.0	66.1
102.5°	307.2	142.7	135.7	107.8	79.9
105°	315.8	156.5	150.6	127.0	103.4
107.5°	317.4	177.0	171.5	149.4	127.4
110°	315.0	188.4	183.4	163.5	143.6



TEST NUMBER: P934013

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	315.1	202.2	197.5	178.5	159.6
115°	318.0	223.0	218.6	201.1	183.6
117.5°	323.9	243.1	239.1	223.2	207.3
120°	328.7	254.8	251.1	236.1	221.1
122.5°	335.6	268.6	264.8	249.8	234.7
125°	345.0	286.4	283.0	269.2	255.4
127.5°	354.3	303.5	300.0	286.1	272.2
130°	361.1	314.9	311.2	296.2	281.2
132.5°	366.6	324.2	320.5	305.5	290.6
135°	372.6	335.0	331.6	318.0	304.4
137.5°	381.6	348.8	345.4	332.0	318.5
140°	387.1	358.2	355.1	342.6	330.2
142.5°	391.7	365.1	362.2	350.7	339.2
145°	397.7	375.6	373.1	363.1	353.1
147.5°	406.5	388.8	386.4	376.6	366.9
150°	411.1	395.7	393.5	384.7	375.9
152.5°	414.1	400.2	398.5	391.9	385.2
155°	420.7	410.1	408.9	403.9	399.0
157.5°	427.4	420.1	418.9	414.0	409.2
160°	430.4	424.6	423.7	419.9	416.2
162.5°	433.6	429.4	428.7	425.9	423.1
165°	438.2	436.3	435.7	433.1	430.6
167.5°	441.8	440.2	439.9	438.7	437.5
170°	444.8	444.7	444.4	443.2	442.0
172.5°	445.0	445.0	444.9	444.7	444.4
175°	446.8	447.7	447.7	447.7	447.7
177.5°	447.0	447.7	447.7	447.7	447.7
180°	447.7	447.7	447.7	447.7	447.7



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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	16.05	17.25	16.71	17.92	18.71	18.90	20.10	19.56	20.78	21.56
	3H	16.55	17.63	17.22	18.31	19.14	20.28	21.35	20.95	22.04	22.86
	4H	16.76	17.77	17.45	18.47	19.31	20.74	21.75	21.43	22.45	23.29
	6H	16.89	17.83	17.60	18.54	19.39	21.05	21.98	21.75	22.69	23.54
	8H	16.90	17.80	17.62	18.53	19.38	21.13	22.03	21.85	22.76	23.61
	12H	16.88	17.74	17.61	18.46	19.34	21.19	22.04	21.91	22.76	23.64
4H	2H	17.12	18.14	17.82	18.84	19.67	19.35	20.36	20.04	21.06	21.90
	3H	18.18	19.03	18.89	19.77	20.62	20.89	21.74	21.60	22.47	23.33
	4H	18.47	19.24	19.20	19.98	20.86	21.44	22.20	22.16	22.94	23.83
	6H	18.62	19.28	19.36	20.05	20.94	21.83	22.49	22.57	23.26	24.15
	8H	18.63	19.25	19.38	20.01	20.92	21.94	22.57	22.69	23.33	24.23
	12H	18.61	19.17	19.38	19.96	20.87	22.02	22.58	22.79	23.36	24.27
8H	4H	18.96	19.58	19.71	20.34	21.24	21.59	22.21	22.34	22.97	23.87
	6H	19.23	19.75	20.01	20.55	21.46	22.04	22.56	22.82	23.36	24.27
	8H	19.28	19.74	20.07	20.54	21.46	22.20	22.66	22.99	23.46	24.39
	12H	19.28	19.68	20.07	20.47	21.46	22.32	22.72	23.11	23.52	24.50
12H	4H	18.98	19.54	19.75	20.32	21.23	21.57	22.13	22.34	22.91	23.82
	6H	19.30	19.76	20.09	20.56	21.48	22.04	22.50	22.84	23.31	24.23
	8H	19.38	19.78	20.17	20.58	21.56	22.22	22.63	23.02	23.42	24.40