

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: P934149

Luminaire Tested: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934149
REPORT IS A COMBINATION OF REPORTS P933685 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

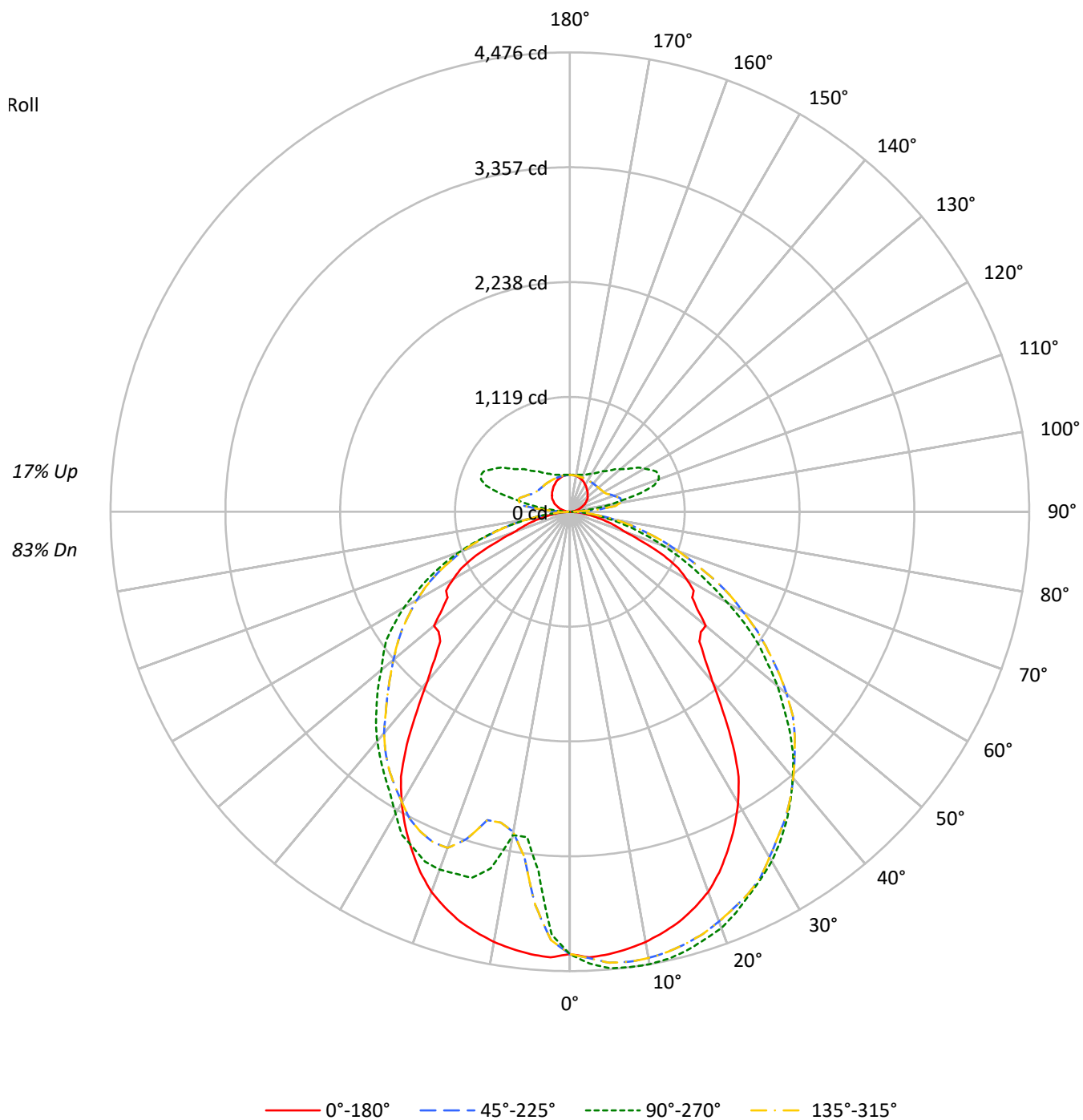
Lumens per Lamp: N/A
Luminaire Lumens: 13504.1 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 148.8
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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13328	13328	13328	13328
5°	13432	13454	13432	10579
10°	13347	13252	13347	9474
15°	13207	12965	13207	10826
20°	12936	12625	12936	10849
25°	12376	12129	12376	10619
30°	11650	11717	11650	10114
35°	10391	11196	10391	9560
40°	8663	10583	8663	9140
45°	7746	9865	7746	8658
50°	8236	9009	8236	8175
55°	7756	8086	7756	7895
60°	8005	6868	8005	7231
65°	7269	5678	7269	6346
70°	5046	4525	5046	5320
75°	4441	3344	4441	4005
80°	3606	2211	3606	2408
85°	2113	1171	2113	995

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11864 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.0	2.9
10°-20°	1104.3	8.2
20°-30°	1707.1	12.6
30°-40°	2037.9	15.1
40°-50°	2049.9	15.2
50°-60°	1783.6	13.2
60°-70°	1264.7	9.4
70°-80°	669.1	5.0
80°-90°	168.0	1.2
90°-100°	175.3	1.3
100°-110°	460.7	3.4
110°-120°	477.7	3.5
120°-130°	383.2	2.8
130°-140°	300.7	2.2
140°-150°	230.8	1.7
150°-160°	166.2	1.2
160°-170°	101.7	0.8
170°-180°	34.4	0.3
0°-30°	3200.4	23.7
0°-40°	5238.3	38.8
0°-60°	9071.8	67.2
0°-90°	11173.5	82.7
90°-120°	1113.7	8.2
90°-150°	2028.3	15.0
90°-180°	2331.0	17.3
0°-180°	13504.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4309	4309	4309	4309	4309	
5°	4329	4464	4329	3510	4329	411
15°	4134	4423	4134	3693	4134	1163
25°	3640	4125	3640	3612	3640	1671
35°	2768	3681	2768	3143	2768	1712
45°	1786	3033	1786	2662	1786	1430
55°	1455	2238	1455	2185	1455	1337
65°	1011	1349	1011	1508	1011	966
75°	383	640	383	766	383	403
85°	65	163	65	139	65	88
90°	2	9	2	9	2	5
95°	23	106	23	106	23	26
105°	83	721	83	721	83	88
115°	147	929	147	929	147	146
125°	205	740	205	740	205	182
135°	244	574	244	574	244	189
145°	284	466	284	466	284	178
155°	320	401	320	401	320	147
165°	346	374	346	374	346	98
175°	360	362	360	362	360	34
180°	360	360	360	360	360	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4345.6	4345.6	4370.0	4378.2	4378.2	4365.9	4353.7	4365.9	4402.6	4414.9	4410.8
5°	4329.2	4361.9	4406.7	4414.9	4423.0	4418.9	4410.8	4418.9	4459.7	4467.9	4471.9
7.5°	4296.6	4357.8	4414.9	4427.1	4439.3	4427.1	4423.0	4431.2	4471.9	4480.1	4480.1
10°	4255.9	4341.5	4406.7	4414.9	4427.1	4414.9	4414.9	4431.2	4471.9	4480.1	4484.2
12.5°	4198.8	4317.0	4378.2	4386.3	4402.6	4398.5	4394.5	4410.8	4451.5	4459.7	4459.7
15°	4133.6	4272.2	4329.2	4337.4	4365.9	4357.8	4357.8	4374.1	4418.9	4431.2	4427.1
17.5°	4043.9	4215.1	4280.3	4292.6	4312.9	4308.9	4312.9	4329.2	4370.0	4378.2	4382.2
20°	3942.0	4137.6	4215.1	4227.3	4247.7	4247.7	4247.7	4268.1	4308.9	4325.2	4325.2
22.5°	3803.4	4056.1	4137.6	4145.8	4170.3	4170.3	4178.4	4206.9	4243.6	4247.7	4247.7
25°	3640.3	3966.4	4035.7	4060.2	4084.7	4096.9	4109.1	4125.4	4137.6	4133.6	4137.6
27.5°	3469.1	3852.3	3942.0	3958.3	3990.9	4003.1	4019.4	4023.5	4027.6	4039.8	4031.7
30°	3277.5	3693.3	3827.8	3844.1	3897.1	3905.3	3889.0	3897.1	3917.5	3925.7	3933.8
32.5°	3061.4	3456.9	3709.6	3746.3	3795.2	3770.8	3766.7	3778.9	3811.5	3811.5	3819.7
35°	2767.9	3273.4	3599.5	3632.1	3668.8	3640.3	3656.6	3660.7	3681.1	3693.3	3689.2
37.5°	2445.9	3114.4	3485.4	3509.9	3538.4	3501.7	3526.2	3538.4	3554.7	3546.5	3546.5
40°	2160.6	2865.7	3350.9	3367.2	3391.6	3363.1	3387.6	3395.7	3403.9	3395.7	3391.6
42.5°	1948.6	2592.6	3208.2	3228.6	3212.3	3232.6	3240.8	3257.1	3244.9	3228.6	3228.6
45°	1785.5	2519.3	3053.3	3077.7	3053.3	3085.9	3098.1	3098.1	3061.4	3053.3	3049.2
47.5°	1732.6	2372.5	2898.4	2898.4	2886.1	2926.9	2947.3	2918.7	2882.1	2869.8	2869.8
50°	1728.5	2209.5	2686.4	2670.1	2727.1	2776.1	2755.7	2727.1	2698.6	2653.8	2653.8
52.5°	1569.5	2009.7	2413.3	2474.4	2564.1	2592.6	2560.0	2531.5	2482.6	2462.2	2445.9
55°	1455.3	1801.9	2164.6	2286.9	2380.7	2417.4	2356.2	2327.7	2254.3	2242.1	2233.9
57.5°	1430.9	1500.2	1936.4	2091.3	2205.4	2201.3	2164.6	2111.6	2050.5	2038.3	2034.2
60°	1312.7	1084.4	1691.8	1875.2	1993.4	1981.2	1948.6	1899.7	1842.6	1834.5	1826.3
62.5°	1190.4	786.8	1414.6	1622.5	1789.6	1785.5	1757.0	1683.6	1642.9	1622.5	1606.2
65°	1011.0	660.4	1006.9	1349.4	1589.9	1598.0	1536.9	1483.9	1439.0	1414.6	1410.5
67.5°	770.5	538.1	680.8	1125.1	1398.3	1390.1	1312.7	1288.2	1231.1	1218.9	1194.4
70°	570.7	358.7	472.9	913.2	1210.7	1190.4	1129.2	1100.7	1047.7	1019.1	1002.8
72.5°	472.9	289.4	346.5	709.3	1019.1	994.7	941.7	909.1	864.2	839.8	823.5
75°	383.2	305.7	265.0	525.9	827.5	811.2	762.3	729.7	693.0	660.4	664.5
77.5°	281.3	285.4	212.0	387.3	656.3	631.9	603.3	562.6	546.3	513.7	513.7
80°	212.0	224.2	159.0	265.0	472.9	472.9	448.4	419.9	391.4	375.0	375.0
82.5°	142.7	142.7	118.2	167.1	322.1	309.8	293.5	285.4	269.1	260.9	260.9
85°	65.2	81.5	73.4	101.9	175.3	183.4	183.4	175.3	171.2	163.1	167.1
87.5°	20.4	36.7	44.8	57.1	89.7	93.8	97.8	97.8	97.8	101.9	101.9
90°	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2	9.2	9.2
92.5°	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0	45.9	44.0
95°	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4	155.6	150.1
97.5°	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1	359.3	348.7
100°	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3	504.5	492.0
102.5°	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2	628.5	617.7
105°	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3	773.3	767.5
107.5°	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8	848.6	850.0
110°	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6	867.9	873.9

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2	855.6	864.8
115°	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5	813.8	826.6
117.5°	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1	756.2	770.4
120°	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8	717.3	731.1
122.5°	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0	678.5	692.0
125°	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7	627.1	639.6
127.5°	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6	585.8	596.4
130°	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6	559.8	569.6
132.5°	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2	537.6	546.4
135°	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3	506.2	513.8
137.5°	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6	483.0	489.2
140°	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7	464.5	470.2
142.5°	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0	451.4	456.4
145°	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2	431.9	435.6
147.5°	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3	415.5	418.6
150°	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1	406.1	408.6
152.5°	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1	398.6	400.5
155°	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1	389.7	391.0
157.5°	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9	381.9	382.8
160°	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3	378.1	378.5
162.5°	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9	374.4	374.9
165°	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2	368.9	369.4
167.5°	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4	366.5	366.7
170°	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4	366.5	366.5
172.5°	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2	364.6	364.4
175°	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4	361.9	361.9
177.5°	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2	361.4	361.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4418.9	4406.7	4418.9	4410.8	4414.9	4402.6	4365.9	4353.7	4365.9	4378.2	4378.2
5°	4471.9	4463.8	4471.9	4471.9	4467.9	4459.7	4418.9	4410.8	4418.9	4423.0	4414.9
7.5°	4488.2	4476.0	4488.2	4480.1	4480.1	4471.9	4431.2	4423.0	4427.1	4439.3	4427.1
10°	4488.2	4476.0	4488.2	4484.2	4480.1	4471.9	4431.2	4414.9	4414.9	4427.1	4414.9
12.5°	4467.9	4459.7	4467.9	4459.7	4459.7	4451.5	4410.8	4394.5	4398.5	4402.6	4386.3
15°	4435.2	4423.0	4435.2	4427.1	4431.2	4418.9	4374.1	4357.8	4357.8	4365.9	4337.4
17.5°	4386.3	4370.0	4386.3	4382.2	4378.2	4370.0	4329.2	4312.9	4308.9	4312.9	4292.6
20°	4329.2	4317.0	4329.2	4325.2	4325.2	4308.9	4268.1	4247.7	4247.7	4247.7	4227.3
22.5°	4239.6	4227.3	4239.6	4247.7	4247.7	4243.6	4206.9	4178.4	4170.3	4170.3	4145.8
25°	4137.6	4125.4	4137.6	4137.6	4133.6	4137.6	4125.4	4109.1	4096.9	4084.7	4060.2
27.5°	4039.8	4031.7	4039.8	4031.7	4039.8	4027.6	4023.5	4019.4	4003.1	3990.9	3958.3
30°	3942.0	3933.8	3942.0	3933.8	3925.7	3917.5	3897.1	3889.0	3905.3	3897.1	3844.1
32.5°	3819.7	3811.5	3819.7	3819.7	3811.5	3811.5	3778.9	3766.7	3770.8	3795.2	3746.3
35°	3693.3	3681.1	3693.3	3689.2	3693.3	3681.1	3660.7	3656.6	3640.3	3668.8	3632.1
37.5°	3546.5	3534.3	3546.5	3546.5	3546.5	3554.7	3538.4	3526.2	3501.7	3538.4	3509.9
40°	3395.7	3379.4	3395.7	3391.6	3395.7	3403.9	3395.7	3387.6	3363.1	3391.6	3367.2
42.5°	3224.5	3220.4	3224.5	3228.6	3228.6	3244.9	3257.1	3240.8	3232.6	3212.3	3228.6
45°	3041.0	3032.9	3041.0	3049.2	3053.3	3061.4	3098.1	3098.1	3085.9	3053.3	3077.7
47.5°	2845.4	2825.0	2845.4	2869.8	2869.8	2882.1	2918.7	2947.3	2926.9	2886.1	2898.4
50°	2637.5	2641.5	2637.5	2653.8	2653.8	2698.6	2727.1	2755.7	2776.1	2727.1	2670.1
52.5°	2433.7	2429.6	2433.7	2445.9	2462.2	2482.6	2531.5	2560.0	2592.6	2564.1	2474.4
55°	2229.9	2238.0	2229.9	2233.9	2242.1	2254.3	2327.7	2356.2	2417.4	2380.7	2286.9
57.5°	2026.0	2013.8	2026.0	2034.2	2038.3	2050.5	2111.6	2164.6	2201.3	2205.4	2091.3
60°	1789.6	1773.3	1789.6	1826.3	1834.5	1842.6	1899.7	1948.6	1981.2	1993.4	1875.2
62.5°	1581.7	1553.2	1581.7	1606.2	1622.5	1642.9	1683.6	1757.0	1785.5	1789.6	1622.5
65°	1361.6	1349.4	1361.6	1410.5	1414.6	1439.0	1483.9	1536.9	1598.0	1589.9	1349.4
67.5°	1161.8	1161.8	1161.8	1194.4	1218.9	1231.1	1288.2	1312.7	1390.1	1398.3	1125.1
70°	978.4	974.3	978.4	1002.8	1019.1	1047.7	1100.7	1129.2	1190.4	1210.7	913.2
72.5°	803.1	799.0	803.1	823.5	839.8	864.2	909.1	941.7	994.7	1019.1	709.3
75°	648.2	640.0	648.2	664.5	660.4	693.0	729.7	762.3	811.2	827.5	525.9
77.5°	497.3	497.3	497.3	513.7	513.7	546.3	562.6	603.3	631.9	656.3	387.3
80°	371.0	366.9	371.0	375.0	375.0	391.4	419.9	448.4	472.9	472.9	265.0
82.5°	260.9	252.7	260.9	260.9	260.9	269.1	285.4	293.5	309.8	322.1	167.1
85°	163.1	163.1	163.1	167.1	163.1	171.2	175.3	183.4	183.4	175.3	101.9
87.5°	106.0	101.9	106.0	101.9	101.9	97.8	97.8	97.8	93.8	89.7	57.1
90°	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7	10.6	6.7
92.5°	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7	65.4	46.6
95°	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0	161.1	90.7
97.5°	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5	217.0	99.7
100°	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0	237.4	107.1
102.5°	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8	246.7	114.6
105°	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1	253.6	125.7
107.5°	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2	254.9	142.1
110°	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5	252.9	151.3

TEST NUMBER: P934149

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9	253.0	162.4
115°	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1	255.4	179.1
117.5°	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7	260.1	195.2
120°	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0	263.9	204.6
122.5°	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2	269.5	215.7
125°	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7	277.0	230.0
127.5°	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9	284.5	243.7
130°	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3	290.0	252.9
132.5°	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7	294.4	260.3
135°	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4	299.2	269.0
137.5°	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5	306.4	280.1
140°	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8	310.8	287.6
142.5°	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0	314.5	293.2
145°	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0	319.4	301.6
147.5°	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5	326.4	312.2
150°	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7	330.1	317.7
152.5°	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5	332.5	321.4
155°	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2	337.8	329.3
157.5°	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0	343.2	337.3
160°	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8	345.6	341.0
162.5°	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7	348.2	344.8
165°	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9	351.9	350.3
167.5°	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5	354.8	353.5
170°	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3	357.2	357.1
172.5°	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8	358.8	359.5
177.5°	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2	358.9	359.5
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5

TEST NUMBER: P934149

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4370.0	4345.6	4345.6	4304.8	4288.5	4276.3	4255.9	4194.7	4178.4	4162.1	4186.6
5°	4406.7	4361.9	4329.2	4255.9	4194.7	4170.3	4092.8	3946.0	3848.2	3774.8	3734.1
7.5°	4414.9	4357.8	4296.6	4182.5	4035.7	3970.5	3734.1	3465.0	3391.6	3326.4	3285.6
10°	4406.7	4341.5	4255.9	4084.7	3738.1	3624.0	3387.6	3212.3	3167.4	3155.2	3167.4
12.5°	4378.2	4317.0	4198.8	3913.4	3428.3	3350.9	3212.3	3110.3	3102.2	3122.6	3232.6
15°	4329.2	4272.2	4133.6	3685.1	3257.1	3200.0	3102.2	3065.5	3110.3	3253.0	3583.2
17.5°	4280.3	4215.1	4043.9	3460.9	3126.7	3085.9	3016.6	3090.0	3342.7	3534.3	3644.4
20°	4215.1	4137.6	3942.0	3297.9	3032.9	2996.2	2963.6	3293.8	3485.4	3554.7	3615.8
22.5°	4137.6	4056.1	3803.4	3183.7	2935.1	2906.5	2926.9	3407.9	3485.4	3534.3	3587.3
25°	4035.7	3966.4	3640.3	3094.0	2857.6	2825.0	2902.4	3395.7	3440.5	3452.8	3558.8
27.5°	3942.0	3852.3	3469.1	3012.5	2763.8	2751.6	2922.8	3342.7	3375.3	3387.6	3501.7
30°	3827.8	3693.3	3277.5	2926.9	2666.0	2661.9	2926.9	3277.5	3269.3	3301.9	3416.1
32.5°	3709.6	3456.9	3061.4	2820.9	2572.2	2568.2	2898.4	3179.6	3171.5	3216.3	3301.9
35°	3599.5	3273.4	2767.9	2698.6	2454.0	2458.1	2829.1	3065.5	3069.6	3110.3	3163.3
37.5°	3485.4	3114.4	2445.9	2564.1	2339.9	2339.9	2735.3	2959.5	2951.4	2963.6	3037.0
40°	3350.9	2865.7	2160.6	2388.8	2233.9	2221.7	2621.2	2845.4	2816.8	2812.8	2914.7
42.5°	3208.2	2592.6	1948.6	2156.5	2111.6	2095.3	2482.6	2706.8	2653.8	2666.0	2796.4
45°	3053.3	2519.3	1785.5	1822.2	1985.3	1973.1	2331.8	2547.8	2511.1	2543.7	2678.2
47.5°	2898.4	2372.5	1732.6	1512.4	1850.8	1846.7	2164.6	2392.9	2372.5	2405.1	2547.8
50°	2686.4	2209.5	1728.5	1296.4	1699.9	1716.2	1964.9	2242.1	2242.1	2270.6	2421.4
52.5°	2413.3	2009.7	1569.5	1174.1	1524.6	1573.6	1789.6	2111.6	2119.8	2148.3	2282.8
55°	2164.6	1801.9	1455.3	1080.3	1316.7	1422.7	1618.4	1977.1	1993.4	2022.0	2144.3
57.5°	1936.4	1500.2	1430.9	970.2	1125.1	1227.1	1467.6	1846.7	1854.8	1879.3	1997.5
60°	1691.8	1084.4	1312.7	852.0	958.0	1035.5	1329.0	1691.8	1720.3	1736.6	1838.5
62.5°	1414.6	786.8	1190.4	770.5	876.5	892.8	1214.8	1545.0	1581.7	1593.9	1655.1
65°	1006.9	660.4	1011.0	701.2	790.9	794.9	1092.5	1394.2	1426.8	1447.2	1492.0
67.5°	680.8	538.1	770.5	635.9	725.6	729.7	974.3	1218.9	1263.7	1280.1	1308.6
70°	472.9	358.7	570.7	566.6	652.3	660.4	847.9	1059.9	1100.7	1112.9	1129.2
72.5°	346.5	289.4	472.9	509.6	574.8	583.0	717.5	880.5	921.3	933.5	941.7
75°	265.0	305.7	383.2	444.3	489.2	493.3	587.0	717.5	746.0	754.2	758.2
77.5°	212.0	285.4	281.3	358.7	399.5	391.4	460.7	554.4	578.9	578.9	578.9
80°	159.0	224.2	212.0	256.8	293.5	285.4	330.2	395.4	403.6	411.7	407.7
82.5°	118.2	142.7	142.7	163.1	195.7	187.5	220.1	256.8	256.8	256.8	265.0
85°	73.4	81.5	65.2	85.6	110.1	106.0	122.3	138.6	142.7	142.7	134.5
87.5°	44.8	36.7	20.4	32.6	48.9	48.9	57.1	61.1	57.1	57.1	57.1
90°	6.3	4.3	2.4	4.3	6.3	6.7	10.6	15.7	18.3	16.3	12.2
92.5°	42.5	26.0	9.6	26.0	42.5	46.6	65.4	90.7	103.3	90.5	65.0
95°	83.2	53.2	23.1	53.2	83.2	90.7	161.1	255.0	301.8	269.3	204.4
97.5°	93.1	66.6	40.1	66.6	93.1	99.7	217.0	373.5	451.7	431.1	390.1
100°	101.1	77.1	53.1	77.1	101.1	107.1	237.4	411.0	497.8	499.3	502.3
102.5°	109.0	86.6	64.2	86.6	109.0	114.6	246.7	422.8	510.8	537.0	589.2
105°	120.9	102.0	83.0	102.0	120.9	125.7	253.6	424.1	509.3	568.0	685.3
107.5°	137.7	120.0	102.3	120.0	137.7	142.1	254.9	405.2	480.4	562.2	725.8
110°	147.3	131.3	115.3	131.3	147.3	151.3	252.9	388.5	456.3	547.7	730.6

TEST NUMBER: P934149

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	158.6	143.3	128.2	143.3	158.6	162.4	253.0	373.9	434.3	528.0	715.2
115°	175.5	161.5	147.4	161.5	175.5	179.1	255.4	357.1	408.0	498.2	678.5
117.5°	192.0	179.2	166.5	179.2	192.0	195.2	260.1	346.7	389.9	471.4	634.1
120°	201.6	189.6	177.5	189.6	201.6	204.6	263.9	343.0	382.6	457.0	605.8
122.5°	212.6	200.6	188.5	200.6	212.6	215.7	269.5	341.2	377.1	444.1	578.0
125°	227.2	216.2	205.1	216.2	227.2	230.0	277.0	339.7	371.1	427.9	541.7
127.5°	240.9	229.7	218.6	229.7	240.9	243.7	284.5	338.9	366.0	414.8	512.6
130°	249.9	237.8	225.8	237.8	249.9	252.9	290.0	339.3	364.1	407.6	494.6
132.5°	257.4	245.3	233.4	245.3	257.4	260.3	294.4	339.7	362.4	401.3	479.2
135°	266.3	255.4	244.4	255.4	266.3	269.0	299.2	339.4	359.5	392.1	457.3
137.5°	277.4	266.6	255.8	266.6	277.4	280.1	306.4	341.5	359.0	386.6	441.6
140°	285.1	275.1	265.2	275.1	285.1	287.6	310.8	341.8	357.3	381.1	428.7
142.5°	290.8	281.6	272.4	281.6	290.8	293.2	314.5	343.0	357.3	378.2	420.0
145°	299.6	291.6	283.5	291.6	299.6	301.6	319.4	343.0	354.9	372.0	406.2
147.5°	310.3	302.4	294.6	302.4	310.3	312.2	326.4	345.5	354.9	368.4	395.3
150°	316.0	308.9	301.8	308.9	316.0	317.7	330.1	346.7	354.9	366.3	389.1
152.5°	320.0	314.7	309.3	314.7	320.0	321.4	332.5	347.5	354.9	364.6	384.1
155°	328.3	324.3	320.4	324.3	328.3	329.3	337.8	349.2	354.9	362.6	378.1
157.5°	336.4	332.4	328.6	332.4	336.4	337.3	343.2	351.0	354.9	360.9	372.9
160°	340.2	337.2	334.2	337.2	340.2	341.0	345.6	351.8	354.9	360.1	370.3
162.5°	344.2	342.0	339.7	342.0	344.2	344.8	348.2	352.7	354.9	359.3	367.9
165°	349.9	347.8	345.8	347.8	349.9	350.3	351.9	353.9	354.9	358.1	364.2
167.5°	353.2	352.3	351.3	352.3	353.2	353.5	354.8	356.5	357.3	359.3	363.4
170°	356.9	355.9	354.9	355.9	356.9	357.1	357.2	357.3	357.3	359.3	363.4
172.5°	357.3	357.1	356.9	357.1	357.3	357.3	357.3	357.3	357.3	358.9	362.2
175°	359.5	359.5	359.5	359.5	359.5	359.5	358.8	357.8	357.3	358.4	360.4
177.5°	359.5	359.5	359.5	359.5	359.5	359.5	358.9	358.2	357.8	358.6	360.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5

TEST NUMBER: P934149

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4158.0	4145.8	4162.1	4117.3	4162.1	4145.8	4158.0	4186.6	4162.1	4178.4	4194.7
5°	3648.5	3628.1	3562.8	3509.9	3562.8	3628.1	3648.5	3734.1	3774.8	3848.2	3946.0
7.5°	3261.2	3244.9	3228.6	3196.0	3228.6	3244.9	3261.2	3285.6	3326.4	3391.6	3465.0
10°	3175.6	3179.6	3204.1	3200.0	3204.1	3179.6	3175.6	3167.4	3155.2	3167.4	3212.3
12.5°	3395.7	3432.4	3566.9	3558.8	3566.9	3432.4	3395.7	3232.6	3122.6	3102.2	3110.3
15°	3648.5	3660.7	3689.2	3693.3	3689.2	3660.7	3648.5	3583.2	3253.0	3110.3	3065.5
17.5°	3672.9	3677.0	3697.4	3697.4	3697.4	3677.0	3672.9	3644.4	3534.3	3342.7	3090.0
20°	3652.5	3660.7	3701.5	3709.6	3701.5	3660.7	3652.5	3615.8	3554.7	3485.4	3293.8
22.5°	3644.4	3660.7	3693.3	3689.2	3693.3	3660.7	3644.4	3587.3	3534.3	3485.4	3407.9
25°	3603.6	3603.6	3607.7	3611.8	3607.7	3603.6	3603.6	3558.8	3452.8	3440.5	3395.7
27.5°	3518.0	3526.2	3550.6	3546.5	3550.6	3526.2	3518.0	3501.7	3387.6	3375.3	3342.7
30°	3440.5	3432.4	3412.0	3395.7	3412.0	3432.4	3440.5	3416.1	3301.9	3269.3	3277.5
32.5°	3310.1	3289.7	3269.3	3257.1	3269.3	3289.7	3310.1	3301.9	3216.3	3171.5	3179.6
35°	3155.2	3159.3	3155.2	3143.0	3155.2	3159.3	3155.2	3163.3	3110.3	3069.6	3065.5
37.5°	3045.1	3053.3	3049.2	3032.9	3049.2	3053.3	3045.1	3037.0	2963.6	2951.4	2959.5
40°	2931.0	2935.1	2931.0	2918.7	2931.0	2935.1	2931.0	2914.7	2812.8	2816.8	2845.4
42.5°	2820.9	2816.8	2804.6	2796.4	2804.6	2816.8	2820.9	2796.4	2666.0	2653.8	2706.8
45°	2694.5	2698.6	2674.2	2661.9	2674.2	2698.6	2694.5	2678.2	2543.7	2511.1	2547.8
47.5°	2568.2	2568.2	2547.8	2535.6	2547.8	2568.2	2568.2	2547.8	2405.1	2372.5	2392.9
50°	2433.7	2429.6	2401.1	2397.0	2401.1	2429.6	2433.7	2421.4	2270.6	2242.1	2242.1
52.5°	2278.8	2278.8	2282.8	2291.0	2282.8	2278.8	2278.8	2282.8	2148.3	2119.8	2111.6
55°	2144.3	2148.3	2176.9	2185.0	2176.9	2148.3	2144.3	2144.3	2022.0	1993.4	1977.1
57.5°	2005.7	2005.7	2026.0	2026.0	2026.0	2005.7	2005.7	1997.5	1879.3	1854.8	1846.7
60°	1846.7	1854.8	1871.2	1867.1	1871.2	1854.8	1846.7	1838.5	1736.6	1720.3	1691.8
62.5°	1679.6	1687.7	1691.8	1683.6	1691.8	1687.7	1679.6	1655.1	1593.9	1581.7	1545.0
65°	1504.3	1512.4	1516.5	1508.3	1516.5	1512.4	1504.3	1492.0	1447.2	1426.8	1394.2
67.5°	1324.9	1320.8	1316.7	1333.0	1316.7	1320.8	1324.9	1308.6	1280.1	1263.7	1218.9
70°	1141.4	1141.4	1137.4	1145.5	1137.4	1141.4	1141.4	1129.2	1112.9	1100.7	1059.9
72.5°	945.8	941.7	958.0	945.8	958.0	941.7	945.8	941.7	933.5	921.3	880.5
75°	754.2	762.3	754.2	766.4	754.2	762.3	754.2	758.2	754.2	746.0	717.5
77.5°	574.8	583.0	574.8	574.8	574.8	583.0	574.8	578.9	578.9	578.9	554.4
80°	407.7	403.6	403.6	399.5	403.6	403.6	407.7	407.7	411.7	403.6	395.4
82.5°	260.9	256.8	256.8	265.0	256.8	256.8	260.9	265.0	256.8	256.8	256.8
85°	142.7	146.8	138.6	138.6	138.6	146.8	142.7	134.5	142.7	142.7	138.6
87.5°	53.0	48.9	48.9	48.9	48.9	48.9	53.0	57.1	57.1	57.1	61.1
90°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	12.2	16.3	18.3	15.7
92.5°	45.9	44.0	36.8	29.5	36.8	44.0	45.9	65.0	90.5	103.3	90.7
95°	155.6	150.1	128.0	105.9	128.0	150.1	155.6	204.4	269.3	301.8	255.0
97.5°	359.3	348.7	306.7	264.7	306.7	348.7	359.3	390.1	431.1	451.7	373.5
100°	504.5	492.0	442.0	391.9	442.0	492.0	504.5	502.3	499.3	497.8	411.0
102.5°	628.5	617.7	574.9	532.0	574.9	617.7	628.5	589.2	537.0	510.8	422.8
105°	773.3	767.5	744.5	721.4	744.5	767.5	773.3	685.3	568.0	509.3	424.1
107.5°	848.6	850.0	855.6	861.1	855.6	850.0	848.6	725.8	562.2	480.4	405.2
110°	867.9	873.9	897.9	921.9	897.9	873.9	867.9	730.6	547.7	456.3	388.5

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	855.6	864.8	901.7	938.5	901.7	864.8	855.6	715.2	528.0	434.3	373.9
115°	813.8	826.6	877.8	928.9	877.8	826.6	813.8	678.5	498.2	408.0	357.1
117.5°	756.2	770.4	827.1	883.8	827.1	770.4	756.2	634.1	471.4	389.9	346.7
120°	717.3	731.1	786.2	841.3	786.2	731.1	717.3	605.8	457.0	382.6	343.0
122.5°	678.5	692.0	746.5	800.8	746.5	692.0	678.5	578.0	444.1	377.1	341.2
125°	627.1	639.6	689.6	739.7	689.6	639.6	627.1	541.7	427.9	371.1	339.7
127.5°	585.8	596.4	638.6	680.9	638.6	596.4	585.8	512.6	414.8	366.0	338.9
130°	559.8	569.6	608.6	647.6	608.6	569.6	559.8	494.6	407.6	364.1	339.3
132.5°	537.6	546.4	581.3	616.2	581.3	546.4	537.6	479.2	401.3	362.4	339.7
135°	506.2	513.8	543.9	574.0	543.9	513.8	506.2	457.3	392.1	359.5	339.4
137.5°	483.0	489.2	513.8	538.6	513.8	489.2	483.0	441.6	386.6	359.0	341.5
140°	464.5	470.2	493.3	516.3	493.3	470.2	464.5	428.7	381.1	357.3	341.8
142.5°	451.4	456.4	476.3	496.1	476.3	456.4	451.4	420.0	378.2	357.3	343.0
145°	431.9	435.6	450.6	465.7	450.6	435.6	431.9	406.2	372.0	354.9	343.0
147.5°	415.5	418.6	431.1	443.5	431.1	418.6	415.5	395.3	368.4	354.9	345.5
150°	406.1	408.6	418.7	428.7	418.7	408.6	406.1	389.1	366.3	354.9	346.7
152.5°	398.6	400.5	408.1	415.7	408.1	400.5	398.6	384.1	364.6	354.9	347.5
155°	389.7	391.0	396.0	401.0	396.0	391.0	389.7	378.1	362.6	354.9	349.2
157.5°	381.9	382.8	386.4	389.9	386.4	382.8	381.9	372.9	360.9	354.9	351.0
160°	378.1	378.5	380.6	382.6	380.6	378.5	378.1	370.3	360.1	354.9	351.8
162.5°	374.4	374.9	376.8	378.8	376.8	374.9	374.4	367.9	359.3	354.9	352.7
165°	368.9	369.4	371.5	373.5	371.5	369.4	368.9	364.2	358.1	354.9	353.9
167.5°	366.5	366.7	367.5	368.4	367.5	366.7	366.5	363.4	359.3	357.3	356.5
170°	366.5	366.5	366.5	366.5	366.5	366.5	366.5	363.4	359.3	357.3	357.3
172.5°	364.6	364.4	363.6	362.9	363.6	364.4	364.6	362.2	358.9	357.3	357.3
175°	361.9	361.9	361.9	361.9	361.9	361.9	361.9	360.4	358.4	357.3	357.8
177.5°	361.4	361.2	360.4	359.5	360.4	361.2	361.4	360.2	358.6	357.8	358.2
180°	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4255.9	4276.3	4288.5	4304.8	4345.6
5°	4092.8	4170.3	4194.7	4255.9	4329.2
7.5°	3734.1	3970.5	4035.7	4182.5	4296.6
10°	3387.6	3624.0	3738.1	4084.7	4255.9
12.5°	3212.3	3350.9	3428.3	3913.4	4198.8
15°	3102.2	3200.0	3257.1	3685.1	4133.6
17.5°	3016.6	3085.9	3126.7	3460.9	4043.9
20°	2963.6	2996.2	3032.9	3297.9	3942.0
22.5°	2926.9	2906.5	2935.1	3183.7	3803.4
25°	2902.4	2825.0	2857.6	3094.0	3640.3
27.5°	2922.8	2751.6	2763.8	3012.5	3469.1
30°	2926.9	2661.9	2666.0	2926.9	3277.5
32.5°	2898.4	2568.2	2572.2	2820.9	3061.4
35°	2829.1	2458.1	2454.0	2698.6	2767.9
37.5°	2735.3	2339.9	2339.9	2564.1	2445.9
40°	2621.2	2221.7	2233.9	2388.8	2160.6
42.5°	2482.6	2095.3	2111.6	2156.5	1948.6
45°	2331.8	1973.1	1985.3	1822.2	1785.5
47.5°	2164.6	1846.7	1850.8	1512.4	1732.6
50°	1964.9	1716.2	1699.9	1296.4	1728.5
52.5°	1789.6	1573.6	1524.6	1174.1	1569.5
55°	1618.4	1422.7	1316.7	1080.3	1455.3
57.5°	1467.6	1227.1	1125.1	970.2	1430.9
60°	1329.0	1035.5	958.0	852.0	1312.7
62.5°	1214.8	892.8	876.5	770.5	1190.4
65°	1092.5	794.9	790.9	701.2	1011.0
67.5°	974.3	729.7	725.6	635.9	770.5
70°	847.9	660.4	652.3	566.6	570.7
72.5°	717.5	583.0	574.8	509.6	472.9
75°	587.0	493.3	489.2	444.3	383.2
77.5°	460.7	391.4	399.5	358.7	281.3
80°	330.2	285.4	293.5	256.8	212.0
82.5°	220.1	187.5	195.7	163.1	142.7
85°	122.3	106.0	110.1	85.6	65.2
87.5°	57.1	48.9	48.9	32.6	20.4
90°	10.6	6.7	6.3	4.3	2.4
92.5°	65.4	46.6	42.5	26.0	9.6
95°	161.1	90.7	83.2	53.2	23.1
97.5°	217.0	99.7	93.1	66.6	40.1
100°	237.4	107.1	101.1	77.1	53.1
102.5°	246.7	114.6	109.0	86.6	64.2
105°	253.6	125.7	120.9	102.0	83.0
107.5°	254.9	142.1	137.7	120.0	102.3
110°	252.9	151.3	147.3	131.3	115.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	253.0	162.4	158.6	143.3	128.2
115°	255.4	179.1	175.5	161.5	147.4
117.5°	260.1	195.2	192.0	179.2	166.5
120°	263.9	204.6	201.6	189.6	177.5
122.5°	269.5	215.7	212.6	200.6	188.5
125°	277.0	230.0	227.2	216.2	205.1
127.5°	284.5	243.7	240.9	229.7	218.6
130°	290.0	252.9	249.9	237.8	225.8
132.5°	294.4	260.3	257.4	245.3	233.4
135°	299.2	269.0	266.3	255.4	244.4
137.5°	306.4	280.1	277.4	266.6	255.8
140°	310.8	287.6	285.1	275.1	265.2
142.5°	314.5	293.2	290.8	281.6	272.4
145°	319.4	301.6	299.6	291.6	283.5
147.5°	326.4	312.2	310.3	302.4	294.6
150°	330.1	317.7	316.0	308.9	301.8
152.5°	332.5	321.4	320.0	314.7	309.3
155°	337.8	329.3	328.3	324.3	320.4
157.5°	343.2	337.3	336.4	332.4	328.6
160°	345.6	341.0	340.2	337.2	334.2
162.5°	348.2	344.8	344.2	342.0	339.7
165°	351.9	350.3	349.9	347.8	345.8
167.5°	354.8	353.5	353.2	352.3	351.3
170°	357.2	357.1	356.9	355.9	354.9
172.5°	357.3	357.3	357.3	357.1	356.9
175°	358.8	359.5	359.5	359.5	359.5
177.5°	358.9	359.5	359.5	359.5	359.5
180°	359.5	359.5	359.5	359.5	359.5

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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	16.42	17.68	17.04	18.31	19.02	19.27	20.53	19.89	21.16	21.87
	3H	16.93	18.06	17.55	18.69	19.44	20.65	21.79	21.28	22.42	23.17
	4H	17.14	18.20	17.78	18.85	19.61	21.12	22.19	21.77	22.84	23.60
	6H	17.27	18.26	17.94	18.92	19.69	21.43	22.42	22.09	23.08	23.85
	8H	17.29	18.23	17.96	18.91	19.69	21.52	22.46	22.19	23.14	23.92
	12H	17.27	18.17	17.95	18.84	19.65	21.57	22.47	22.25	23.14	23.95
4H	2H	17.51	18.57	18.16	19.22	19.98	19.73	20.79	20.38	21.44	22.20
	3H	18.57	19.46	19.23	20.15	20.93	21.28	22.17	21.94	22.85	23.63
	4H	18.86	19.67	19.54	20.36	21.17	21.82	22.63	22.51	23.32	24.13
	6H	19.01	19.71	19.71	20.42	21.25	22.22	22.92	22.92	23.63	24.46
	8H	19.02	19.68	19.73	20.39	21.22	22.34	22.99	23.04	23.70	24.54
	12H	19.01	19.60	19.74	20.34	21.17	22.42	23.00	23.14	23.74	24.58
8H	4H	19.35	20.00	20.06	20.72	21.55	21.98	22.63	22.69	23.35	24.18
	6H	19.63	20.17	20.36	20.93	21.76	22.44	22.98	23.17	23.74	24.57
	8H	19.67	20.16	20.42	20.92	21.77	22.60	23.08	23.35	23.84	24.69
	12H	19.68	20.10	20.43	20.85	21.76	22.72	23.14	23.47	23.89	24.81
12H	4H	19.38	19.96	20.10	20.70	21.54	21.96	22.55	22.69	23.29	24.13
	6H	19.69	20.18	20.44	20.94	21.79	22.44	22.92	23.19	23.68	24.53
	8H	19.78	20.20	20.53	20.95	21.87	22.62	23.05	23.37	23.80	24.71

END OF REPORT