

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: P934169

Luminaire Tested: SQ4-FA-025U-125D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

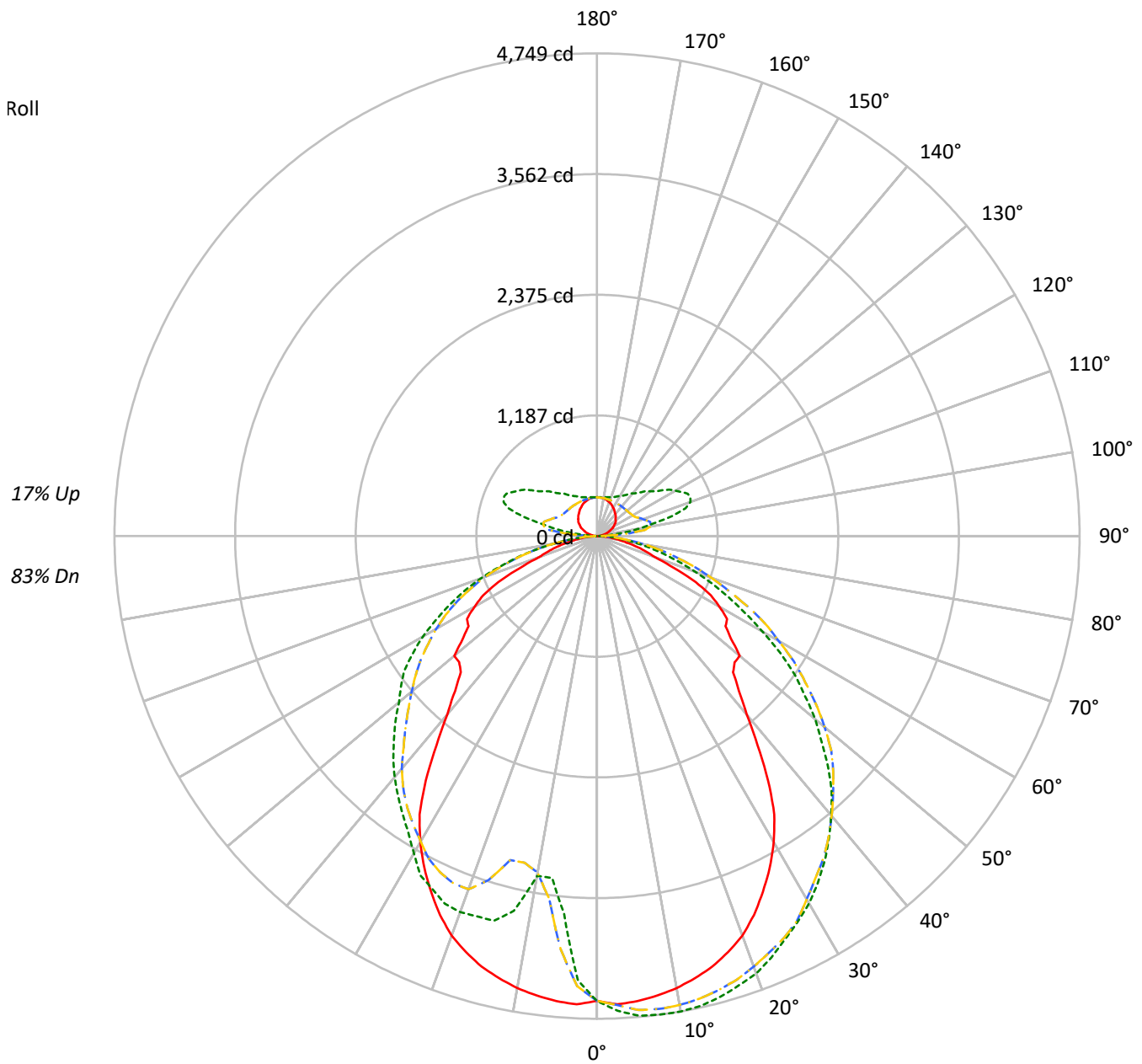
Test Method: LM-79-2019  
Report Number: P934169  
REPORT IS A COMBINATION OF REPORTS P933685 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-935-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14328.1 lumens  
Efficiency: N/A  
Efficacy: 96.3 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): 148.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14141	14141	14141	14141
5°	14252	14275	14252	11224
10°	14162	14061	14162	10053
15°	14013	13757	14013	11487
20°	13726	13396	13726	11511
25°	13131	12869	13131	11267
30°	12361	12432	12361	10732
35°	11025	11879	11025	10143
40°	9192	11229	9192	9698
45°	8218	10467	8218	9187
50°	8738	9558	8738	8673
55°	8229	8580	8229	8377
60°	8493	7287	8493	7672
65°	7713	6024	7713	6733
70°	5353	4800	5353	5644
75°	4713	3548	4713	4249
80°	3825	2346	3825	2555
85°	2242	1242	2242	1056

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12588 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	412.7	2.9
10°-20°	1171.7	8.2
20°-30°	1811.3	12.6
30°-40°	2162.3	15.1
40°-50°	2175.0	15.2
50°-60°	1892.5	13.2
60°-70°	1341.8	9.4
70°-80°	709.9	5.0
80°-90°	178.3	1.2
90°-100°	185.9	1.3
100°-110°	488.8	3.4
110°-120°	506.9	3.5
120°-130°	406.6	2.8
130°-140°	319.0	2.2
140°-150°	244.9	1.7
150°-160°	176.3	1.2
160°-170°	107.9	0.8
170°-180°	36.5	0.3
0°-30°	3395.7	23.7
0°-40°	5558.0	38.8
0°-60°	9625.4	67.2
0°-90°	11855.3	82.7
90°-120°	1181.6	8.2
90°-150°	2152.0	15.0
90°-180°	2473.0	17.3
0°-180°	14328.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4572	4572	4572	4572	4572	
5°	4593	4736	4593	3724	4593	436
15°	4386	4693	4386	3919	4386	1234
25°	3862	4377	3862	3832	3862	1773
35°	2937	3906	2937	3335	2937	1817
45°	1894	3218	1894	2824	1894	1518
55°	1544	2375	1544	2318	1544	1419
65°	1073	1432	1073	1600	1073	1025
75°	407	679	407	813	407	427
85°	69	173	69	147	69	93
90°	3	10	3	10	3	5
95°	24	112	24	112	24	27
105°	88	765	88	765	88	93
115°	156	986	156	986	156	154
125°	218	785	218	785	218	193
135°	259	609	259	609	259	201
145°	301	494	301	494	301	188
155°	340	426	340	426	340	156
165°	367	396	367	396	367	104
175°	381	384	381	384	381	36
180°	381	381	381	381	381	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4610.8	4610.8	4636.7	4645.4	4645.4	4632.3	4619.4	4632.3	4671.3	4684.3	4680.0
5°	4593.4	4628.1	4675.6	4684.3	4692.9	4688.6	4680.0	4688.6	4731.8	4740.5	4744.8
7.5°	4558.8	4623.7	4684.3	4697.2	4710.2	4697.2	4692.9	4701.6	4744.8	4753.5	4753.5
10°	4515.6	4606.4	4675.6	4684.3	4697.2	4684.3	4684.3	4701.6	4744.8	4753.5	4757.8
12.5°	4455.0	4580.4	4645.4	4654.0	4671.3	4666.9	4662.7	4680.0	4723.1	4731.8	4731.8
15°	4385.8	4532.9	4593.4	4602.1	4632.3	4623.7	4623.7	4641.0	4688.6	4701.6	4697.2
17.5°	4290.7	4472.3	4541.5	4554.5	4576.1	4571.8	4576.1	4593.4	4636.7	4645.4	4649.6
20°	4182.6	4390.1	4472.3	4485.3	4506.9	4506.9	4506.9	4528.6	4571.8	4589.1	4589.1
22.5°	4035.5	4303.6	4390.1	4398.8	4424.8	4424.8	4433.4	4463.6	4502.6	4506.9	4506.9
25°	3862.5	4208.5	4282.0	4308.0	4334.0	4346.9	4359.9	4377.2	4390.1	4385.8	4390.1
27.5°	3680.8	4087.4	4182.6	4199.8	4234.4	4247.4	4264.7	4269.0	4273.4	4286.3	4277.7
30°	3477.5	3918.7	4061.4	4078.7	4134.9	4143.6	4126.3	4134.9	4156.6	4165.3	4173.9
32.5°	3248.2	3667.9	3936.0	3974.9	4026.8	4000.9	3996.6	4009.5	4044.1	4044.1	4052.8
35°	2936.8	3473.2	3819.2	3853.8	3892.7	3862.5	3879.8	3884.1	3905.7	3918.7	3914.3
37.5°	2595.2	3304.5	3698.1	3724.1	3754.3	3715.4	3741.4	3754.3	3771.6	3762.9	3762.9
40°	2292.4	3040.6	3555.4	3572.7	3598.6	3568.3	3594.3	3602.9	3611.6	3602.9	3598.6
42.5°	2067.5	2750.9	3404.0	3425.6	3408.3	3429.9	3438.6	3455.9	3442.9	3425.6	3425.6
45°	1894.4	2673.0	3239.6	3265.5	3239.6	3274.2	3287.2	3287.2	3248.2	3239.6	3235.3
47.5°	1838.3	2517.3	3075.3	3075.3	3062.3	3105.5	3127.2	3096.8	3058.0	3045.0	3045.0
50°	1833.9	2344.3	2850.4	2833.1	2893.6	2945.5	2923.9	2893.6	2863.3	2815.8	2815.8
52.5°	1665.2	2132.4	2560.5	2625.4	2720.6	2750.9	2716.3	2686.0	2634.0	2612.5	2595.2
55°	1544.1	1911.8	2296.7	2426.5	2525.9	2564.9	2500.0	2469.7	2391.9	2378.9	2370.3
57.5°	1518.2	1591.7	2054.5	2218.9	2339.9	2335.7	2296.7	2240.5	2175.6	2162.6	2158.3
60°	1392.8	1150.5	1795.0	1989.6	2115.1	2102.1	2067.5	2015.6	1955.0	1946.4	1937.7
62.5°	1263.0	834.8	1500.9	1721.5	1898.8	1894.4	1864.2	1786.3	1743.1	1721.5	1704.2
65°	1072.7	700.7	1068.3	1431.7	1686.9	1695.5	1630.6	1574.4	1526.8	1500.9	1496.5
67.5°	817.5	570.9	722.3	1193.7	1483.6	1474.9	1392.8	1366.8	1306.2	1293.3	1267.3
70°	605.5	380.6	501.7	968.9	1284.6	1263.0	1198.1	1167.8	1111.6	1081.3	1064.0
72.5°	501.7	307.1	367.6	752.6	1081.3	1055.4	999.1	964.5	916.9	891.0	873.7
75°	406.6	324.4	281.2	558.0	878.0	860.7	808.8	774.2	735.3	700.7	705.0
77.5°	298.5	302.8	224.9	410.9	696.3	670.4	640.1	596.9	579.6	545.0	545.0
80°	224.9	237.9	168.7	281.2	501.7	501.7	475.8	445.5	415.3	397.9	397.9
82.5°	151.4	151.4	125.4	177.3	341.7	328.7	311.4	302.8	285.5	276.8	276.8
85°	69.2	86.5	77.9	108.1	186.0	194.6	194.6	186.0	181.6	173.0	177.3
87.5°	21.6	38.9	47.5	60.6	95.2	99.5	103.8	103.8	103.8	108.1	108.1
90°	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0	9.7	9.7
92.5°	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9	48.6	46.7
95°	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8	165.1	159.2
97.5°	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9	381.2	370.0
100°	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9	535.3	522.0
102.5°	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2	666.9	655.4
105°	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1	820.5	814.3
107.5°	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1	900.4	901.8
110°	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2	920.8	927.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	136.0	152.1	168.3	172.3	268.5	396.7	460.8	560.2	758.8	907.8	917.6
115°	156.4	171.3	186.2	190.0	270.9	378.9	432.9	528.6	719.9	863.5	877.0
117.5°	176.6	190.2	203.7	207.1	276.0	367.8	413.7	500.1	672.8	802.3	817.4
120°	188.4	201.2	213.9	217.1	280.1	364.0	406.0	484.9	642.7	761.1	775.7
122.5°	200.0	212.8	225.6	228.8	285.9	362.0	400.1	471.2	613.3	719.9	734.3
125°	217.6	229.4	241.1	244.0	293.9	360.5	393.7	454.0	574.8	665.3	678.6
127.5°	231.9	243.8	255.6	258.6	301.9	359.5	388.3	440.1	543.8	621.5	632.8
130°	239.6	252.4	265.1	268.3	307.7	360.1	386.3	432.5	524.7	593.9	604.3
132.5°	247.6	260.3	273.1	276.2	312.3	360.5	384.5	425.8	508.5	570.4	579.7
135°	259.3	270.9	282.5	285.4	317.5	360.1	381.4	416.0	485.2	537.1	545.1
137.5°	271.4	282.9	294.3	297.2	325.1	362.4	380.9	410.2	468.6	512.5	519.0
140°	281.3	291.9	302.5	305.2	329.8	362.7	379.1	404.4	454.9	492.8	498.9
142.5°	289.0	298.8	308.6	311.1	333.7	364.0	379.1	401.3	445.7	479.0	484.3
145°	300.8	309.4	317.9	320.0	338.8	364.0	376.6	394.7	431.0	458.2	462.2
147.5°	312.6	320.9	329.2	331.3	346.3	366.5	376.6	390.9	419.4	440.8	444.1
150°	320.3	327.8	335.3	337.1	350.3	367.8	376.6	388.7	412.8	430.9	433.5
152.5°	328.2	333.9	339.5	341.0	352.8	368.7	376.6	386.9	407.5	422.9	425.0
155°	339.9	344.1	348.4	349.4	358.4	370.5	376.6	384.8	401.2	413.5	414.8
157.5°	348.6	352.7	356.9	357.9	364.1	372.4	376.6	383.0	395.7	405.2	406.1
160°	354.6	357.8	361.0	361.8	366.7	373.3	376.6	382.0	392.9	401.1	401.6
162.5°	360.5	362.9	365.3	365.8	369.4	374.2	376.6	381.2	390.4	397.3	397.8
165°	366.9	369.0	371.2	371.7	373.3	375.5	376.6	379.9	386.5	391.4	391.9
167.5°	372.8	373.8	374.8	375.1	376.4	378.2	379.1	381.3	385.6	388.9	389.1
170°	376.6	377.6	378.6	378.9	379.0	379.1	379.1	381.3	385.6	388.9	388.9
172.5°	378.6	378.9	379.1	379.1	379.1	379.1	379.1	380.8	384.3	386.8	386.6
175°	381.4	381.4	381.4	381.4	380.7	379.7	379.1	380.2	382.4	384.0	384.0
177.5°	381.4	381.4	381.4	381.4	380.8	380.1	379.7	380.5	382.2	383.5	383.2
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4688.6	4675.6	4688.6	4680.0	4684.3	4671.3	4632.3	4619.4	4632.3	4645.4	4645.4
5°	4744.8	4736.2	4744.8	4744.8	4740.5	4731.8	4688.6	4680.0	4688.6	4692.9	4684.3
7.5°	4762.1	4749.1	4762.1	4753.5	4753.5	4744.8	4701.6	4692.9	4697.2	4710.2	4697.2
10°	4762.1	4749.1	4762.1	4757.8	4753.5	4744.8	4701.6	4684.3	4684.3	4697.2	4684.3
12.5°	4740.5	4731.8	4740.5	4731.8	4731.8	4723.1	4680.0	4662.7	4666.9	4671.3	4654.0
15°	4705.9	4692.9	4705.9	4697.2	4701.6	4688.6	4641.0	4623.7	4623.7	4632.3	4602.1
17.5°	4654.0	4636.7	4654.0	4649.6	4645.4	4636.7	4593.4	4576.1	4571.8	4576.1	4554.5
20°	4593.4	4580.4	4593.4	4589.1	4589.1	4571.8	4528.6	4506.9	4506.9	4506.9	4485.3
22.5°	4498.3	4485.3	4498.3	4506.9	4506.9	4502.6	4463.6	4433.4	4424.8	4424.8	4398.8
25°	4390.1	4377.2	4390.1	4390.1	4385.8	4390.1	4377.2	4359.9	4346.9	4334.0	4308.0
27.5°	4286.3	4277.7	4286.3	4277.7	4286.3	4273.4	4269.0	4264.7	4247.4	4234.4	4199.8
30°	4182.6	4173.9	4182.6	4173.9	4165.3	4156.6	4134.9	4126.3	4143.6	4134.9	4078.7
32.5°	4052.8	4044.1	4052.8	4052.8	4044.1	4044.1	4009.5	3996.6	4000.9	4026.8	3974.9
35°	3918.7	3905.7	3918.7	3914.3	3918.7	3905.7	3884.1	3879.8	3862.5	3892.7	3853.8
37.5°	3762.9	3750.0	3762.9	3762.9	3762.9	3771.6	3754.3	3741.4	3715.4	3754.3	3724.1
40°	3602.9	3585.6	3602.9	3598.6	3602.9	3611.6	3602.9	3594.3	3568.3	3598.6	3572.7
42.5°	3421.3	3416.9	3421.3	3425.6	3425.6	3442.9	3455.9	3438.6	3429.9	3408.3	3425.6
45°	3226.6	3218.0	3226.6	3235.3	3239.6	3248.2	3287.2	3287.2	3274.2	3239.6	3265.5
47.5°	3019.1	2997.4	3019.1	3045.0	3045.0	3058.0	3096.8	3127.2	3105.5	3062.3	3075.3
50°	2798.5	2802.7	2798.5	2815.8	2815.8	2863.3	2893.6	2923.9	2945.5	2893.6	2833.1
52.5°	2582.2	2577.9	2582.2	2595.2	2612.5	2634.0	2686.0	2716.3	2750.9	2720.6	2625.4
55°	2365.9	2374.6	2365.9	2370.3	2378.9	2391.9	2469.7	2500.0	2564.9	2525.9	2426.5
57.5°	2149.7	2136.6	2149.7	2158.3	2162.6	2175.6	2240.5	2296.7	2335.7	2339.9	2218.9
60°	1898.8	1881.5	1898.8	1937.7	1946.4	1955.0	2015.6	2067.5	2102.1	2115.1	1989.6
62.5°	1678.2	1647.9	1678.2	1704.2	1721.5	1743.1	1786.3	1864.2	1894.4	1898.8	1721.5
65°	1444.7	1431.7	1444.7	1496.5	1500.9	1526.8	1574.4	1630.6	1695.5	1686.9	1431.7
67.5°	1232.7	1232.7	1232.7	1267.3	1293.3	1306.2	1366.8	1392.8	1474.9	1483.6	1193.7
70°	1038.1	1033.7	1038.1	1064.0	1081.3	1111.6	1167.8	1198.1	1263.0	1284.6	968.9
72.5°	852.1	847.7	852.1	873.7	891.0	916.9	964.5	999.1	1055.4	1081.3	752.6
75°	687.7	679.0	687.7	705.0	700.7	735.3	774.2	808.8	860.7	878.0	558.0
77.5°	527.6	527.6	527.6	545.0	545.0	579.6	596.9	640.1	670.4	696.3	410.9
80°	393.6	389.3	393.6	397.9	397.9	415.3	445.5	475.8	501.7	501.7	281.2
82.5°	276.8	268.1	276.8	276.8	276.8	285.5	302.8	311.4	328.7	341.7	177.3
85°	173.0	173.0	173.0	177.3	173.0	181.6	186.0	194.6	194.6	186.0	108.1
87.5°	112.5	108.1	112.5	108.1	108.1	103.8	103.8	103.8	99.5	95.2	60.6
90°	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7	11.2	7.2
92.5°	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2	69.4	49.4
95°	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5	170.9	96.3
97.5°	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3	230.2	105.7
100°	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1	251.9	113.7
102.5°	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6	261.7	121.6
105°	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9	269.1	133.3
107.5°	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9	270.4	150.8
110°	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2	268.4	160.5





TEST NUMBER: P934169

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	956.7	995.8	956.7	917.6	907.8	758.8	560.2	460.8	396.7	268.5	172.3
115°	931.3	985.6	931.3	877.0	863.5	719.9	528.6	432.9	378.9	270.9	190.0
117.5°	877.6	937.7	877.6	817.4	802.3	672.8	500.1	413.7	367.8	276.0	207.1
120°	834.2	892.6	834.2	775.7	761.1	642.7	484.9	406.0	364.0	280.1	217.1
122.5°	792.0	849.7	792.0	734.3	719.9	613.3	471.2	400.1	362.0	285.9	228.8
125°	731.7	784.9	731.7	678.6	665.3	574.8	454.0	393.7	360.5	293.9	244.0
127.5°	677.6	722.4	677.6	632.8	621.5	543.8	440.1	388.3	359.5	301.9	258.6
130°	645.7	687.1	645.7	604.3	593.9	524.7	432.5	386.3	360.1	307.7	268.3
132.5°	616.8	653.8	616.8	579.7	570.4	508.5	425.8	384.5	360.5	312.3	276.2
135°	577.1	609.0	577.1	545.1	537.1	485.2	416.0	381.4	360.1	317.5	285.4
137.5°	545.2	571.4	545.2	519.0	512.5	468.6	410.2	380.9	362.4	325.1	297.2
140°	523.4	547.8	523.4	498.9	492.8	454.9	404.4	379.1	362.7	329.8	305.2
142.5°	505.3	526.4	505.3	484.3	479.0	445.7	401.3	379.1	364.0	333.7	311.1
145°	478.1	494.1	478.1	462.2	458.2	431.0	394.7	376.6	364.0	338.8	320.0
147.5°	457.4	470.6	457.4	444.1	440.8	419.4	390.9	376.6	366.5	346.3	331.3
150°	444.2	454.9	444.2	433.5	430.9	412.8	388.7	376.6	367.8	350.3	337.1
152.5°	433.0	441.1	433.0	425.0	422.9	407.5	386.9	376.6	368.7	352.8	341.0
155°	420.1	425.5	420.1	414.8	413.5	401.2	384.8	376.6	370.5	358.4	349.4
157.5°	410.0	413.7	410.0	406.1	405.2	395.7	383.0	376.6	372.4	364.1	357.9
160°	403.8	406.0	403.8	401.6	401.1	392.9	382.0	376.6	373.3	366.7	361.8
162.5°	399.8	401.9	399.8	397.8	397.3	390.4	381.2	376.6	374.2	369.4	365.8
165°	394.1	396.3	394.1	391.9	391.4	386.5	379.9	376.6	375.5	373.3	371.7
167.5°	390.0	390.9	390.0	389.1	388.9	385.6	381.3	379.1	378.2	376.4	375.1
170°	388.9	388.9	388.9	388.9	388.9	385.6	381.3	379.1	379.1	379.0	378.9
172.5°	385.8	385.0	385.8	386.6	386.8	384.3	380.8	379.1	379.1	379.1	379.1
175°	384.0	384.0	384.0	384.0	384.0	382.4	380.2	379.1	379.7	380.7	381.4
177.5°	382.4	381.4	382.4	383.2	383.5	382.2	380.5	379.7	380.1	380.8	381.4
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



TEST NUMBER: P934169

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4636.7	4610.8	4610.8	4567.5	4550.2	4537.2	4515.6	4450.7	4433.4	4416.1	4442.1
5°	4675.6	4628.1	4593.4	4515.6	4450.7	4424.8	4342.6	4186.8	4083.0	4005.2	3962.0
7.5°	4684.3	4623.7	4558.8	4437.7	4282.0	4212.8	3962.0	3676.5	3598.6	3529.4	3486.1
10°	4675.6	4606.4	4515.6	4334.0	3966.2	3845.2	3594.3	3408.3	3360.7	3347.8	3360.7
12.5°	4645.4	4580.4	4455.0	4152.2	3637.5	3555.4	3408.3	3300.1	3291.5	3313.2	3429.9
15°	4593.4	4532.9	4385.8	3910.0	3455.9	3395.3	3291.5	3252.6	3300.1	3451.5	3801.9
17.5°	4541.5	4472.3	4290.7	3672.1	3317.5	3274.2	3200.7	3278.6	3546.7	3750.0	3866.8
20°	4472.3	4390.1	4182.6	3499.2	3218.0	3179.1	3144.5	3494.8	3698.1	3771.6	3836.5
22.5°	4390.1	4303.6	4035.5	3378.0	3114.2	3083.9	3105.5	3615.9	3698.1	3750.0	3806.2
25°	4282.0	4208.5	3862.5	3282.8	3032.0	2997.4	3079.6	3602.9	3650.5	3663.5	3776.0
27.5°	4182.6	4087.4	3680.8	3196.4	2932.5	2919.5	3101.2	3546.7	3581.3	3594.3	3715.4
30°	4061.4	3918.7	3477.5	3105.5	2828.7	2824.4	3105.5	3477.5	3468.8	3503.4	3624.6
32.5°	3936.0	3667.9	3248.2	2993.1	2729.2	2725.0	3075.3	3373.7	3365.1	3412.6	3503.4
35°	3819.2	3473.2	2936.8	2863.3	2603.8	2608.1	3001.8	3252.6	3256.9	3300.1	3356.4
37.5°	3698.1	3304.5	2595.2	2720.6	2482.7	2482.7	2902.3	3140.1	3131.5	3144.5	3222.3
40°	3555.4	3040.6	2292.4	2534.6	2370.3	2357.2	2781.2	3019.1	2988.7	2984.5	3092.6
42.5°	3404.0	2750.9	2067.5	2288.0	2240.5	2223.2	2634.0	2872.0	2815.8	2828.7	2967.1
45°	3239.6	2673.0	1894.4	1933.4	2106.4	2093.4	2474.0	2703.3	2664.4	2699.0	2841.7
47.5°	3075.3	2517.3	1838.3	1604.7	1963.7	1959.3	2296.7	2539.0	2517.3	2551.9	2703.3
50°	2850.4	2344.3	1833.9	1375.5	1803.6	1820.9	2084.8	2378.9	2378.9	2409.2	2569.2
52.5°	2560.5	2132.4	1665.2	1245.7	1617.6	1669.6	1898.8	2240.5	2249.1	2279.4	2422.2
55°	2296.7	1911.8	1544.1	1146.2	1397.0	1509.5	1717.1	2097.7	2115.1	2145.3	2275.1
57.5°	2054.5	1591.7	1518.2	1029.4	1193.7	1301.9	1557.1	1959.3	1968.0	1993.9	2119.4
60°	1795.0	1150.5	1392.8	904.0	1016.4	1098.7	1410.1	1795.0	1825.2	1842.5	1950.7
62.5°	1500.9	834.8	1263.0	817.5	930.0	947.3	1288.9	1639.2	1678.2	1691.1	1756.1
65°	1068.3	700.7	1072.7	744.0	839.1	843.4	1159.1	1479.2	1513.8	1535.5	1583.0
67.5°	722.3	570.9	817.5	674.7	769.9	774.2	1033.7	1293.3	1340.8	1358.2	1388.4
70°	501.7	380.6	605.5	601.2	692.1	700.7	899.6	1124.6	1167.8	1180.8	1198.1
72.5°	367.6	307.1	501.7	540.7	609.9	618.6	761.3	934.2	977.5	990.4	999.1
75°	281.2	324.4	406.6	471.4	519.0	523.4	622.8	761.3	791.5	800.2	804.5
77.5°	224.9	302.8	298.5	380.6	423.9	415.3	488.8	588.2	614.2	614.2	614.2
80°	168.7	237.9	224.9	272.5	311.4	302.8	350.3	419.5	428.2	436.8	432.6
82.5°	125.4	151.4	151.4	173.0	207.6	198.9	233.5	272.5	272.5	272.5	281.2
85°	77.9	86.5	69.2	90.8	116.8	112.5	129.8	147.1	151.4	151.4	142.7
87.5°	47.5	38.9	21.6	34.6	51.9	51.9	60.6	64.8	60.6	60.6	60.6
90°	6.6	4.6	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0
92.5°	45.1	27.6	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9
95°	88.3	56.4	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8
97.5°	98.7	70.6	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9
100°	107.3	81.8	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9
102.5°	115.6	91.8	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2
105°	128.3	108.2	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1
107.5°	146.1	127.3	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1
110°	156.3	139.3	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2



TEST NUMBER: P934169

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	168.3	152.1	136.0	152.1	168.3	172.3	268.5	396.7	460.8	560.2	758.8
115°	186.2	171.3	156.4	171.3	186.2	190.0	270.9	378.9	432.9	528.6	719.9
117.5°	203.7	190.2	176.6	190.2	203.7	207.1	276.0	367.8	413.7	500.1	672.8
120°	213.9	201.2	188.4	201.2	213.9	217.1	280.1	364.0	406.0	484.9	642.7
122.5°	225.6	212.8	200.0	212.8	225.6	228.8	285.9	362.0	400.1	471.2	613.3
125°	241.1	229.4	217.6	229.4	241.1	244.0	293.9	360.5	393.7	454.0	574.8
127.5°	255.6	243.8	231.9	243.8	255.6	258.6	301.9	359.5	388.3	440.1	543.8
130°	265.1	252.4	239.6	252.4	265.1	268.3	307.7	360.1	386.3	432.5	524.7
132.5°	273.1	260.3	247.6	260.3	273.1	276.2	312.3	360.5	384.5	425.8	508.5
135°	282.5	270.9	259.3	270.9	282.5	285.4	317.5	360.1	381.4	416.0	485.2
137.5°	294.3	282.9	271.4	282.9	294.3	297.2	325.1	362.4	380.9	410.2	468.6
140°	302.5	291.9	281.3	291.9	302.5	305.2	329.8	362.7	379.1	404.4	454.9
142.5°	308.6	298.8	289.0	298.8	308.6	311.1	333.7	364.0	379.1	401.3	445.7
145°	317.9	309.4	300.8	309.4	317.9	320.0	338.8	364.0	376.6	394.7	431.0
147.5°	329.2	320.9	312.6	320.9	329.2	331.3	346.3	366.5	376.6	390.9	419.4
150°	335.3	327.8	320.3	327.8	335.3	337.1	350.3	367.8	376.6	388.7	412.8
152.5°	339.5	333.9	328.2	333.9	339.5	341.0	352.8	368.7	376.6	386.9	407.5
155°	348.4	344.1	339.9	344.1	348.4	349.4	358.4	370.5	376.6	384.8	401.2
157.5°	356.9	352.7	348.6	352.7	356.9	357.9	364.1	372.4	376.6	383.0	395.7
160°	361.0	357.8	354.6	357.8	361.0	361.8	366.7	373.3	376.6	382.0	392.9
162.5°	365.3	362.9	360.5	362.9	365.3	365.8	369.4	374.2	376.6	381.2	390.4
165°	371.2	369.0	366.9	369.0	371.2	371.7	373.3	375.5	376.6	379.9	386.5
167.5°	374.8	373.8	372.8	373.8	374.8	375.1	376.4	378.2	379.1	381.3	385.6
170°	378.6	377.6	376.6	377.6	378.6	378.9	379.0	379.1	379.1	381.3	385.6
172.5°	379.1	378.9	378.6	378.9	379.1	379.1	379.1	379.1	379.1	380.8	384.3
175°	381.4	381.4	381.4	381.4	381.4	381.4	380.7	379.7	379.1	380.2	382.4
177.5°	381.4	381.4	381.4	381.4	381.4	381.4	380.8	380.1	379.7	380.5	382.2
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



TEST NUMBER: P934169

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4411.7	4398.8	4416.1	4368.5	4416.1	4398.8	4411.7	4442.1	4416.1	4433.4	4450.7
5°	3871.1	3849.5	3780.2	3724.1	3780.2	3849.5	3871.1	3962.0	4005.2	4083.0	4186.8
7.5°	3460.2	3442.9	3425.6	3391.0	3425.6	3442.9	3460.2	3486.1	3529.4	3598.6	3676.5
10°	3369.4	3373.7	3399.7	3395.3	3399.7	3373.7	3369.4	3360.7	3347.8	3360.7	3408.3
12.5°	3602.9	3641.9	3784.6	3776.0	3784.6	3641.9	3602.9	3429.9	3313.2	3291.5	3300.1
15°	3871.1	3884.1	3914.3	3918.7	3914.3	3884.1	3871.1	3801.9	3451.5	3300.1	3252.6
17.5°	3897.0	3901.4	3923.0	3923.0	3923.0	3901.4	3897.0	3866.8	3750.0	3546.7	3278.6
20°	3875.4	3884.1	3927.4	3936.0	3927.4	3884.1	3875.4	3836.5	3771.6	3698.1	3494.8
22.5°	3866.8	3884.1	3918.7	3914.3	3918.7	3884.1	3866.8	3806.2	3750.0	3698.1	3615.9
25°	3823.5	3823.5	3827.9	3832.2	3827.9	3823.5	3823.5	3776.0	3663.5	3650.5	3602.9
27.5°	3732.7	3741.4	3767.3	3762.9	3767.3	3741.4	3732.7	3715.4	3594.3	3581.3	3546.7
30°	3650.5	3641.9	3620.2	3602.9	3620.2	3641.9	3650.5	3624.6	3503.4	3468.8	3477.5
32.5°	3512.1	3490.5	3468.8	3455.9	3468.8	3490.5	3512.1	3503.4	3412.6	3365.1	3373.7
35°	3347.8	3352.1	3347.8	3334.8	3347.8	3352.1	3347.8	3356.4	3300.1	3256.9	3252.6
37.5°	3231.0	3239.6	3235.3	3218.0	3235.3	3239.6	3231.0	3222.3	3144.5	3131.5	3140.1
40°	3109.9	3114.2	3109.9	3096.8	3109.9	3114.2	3109.9	3092.6	2984.5	2988.7	3019.1
42.5°	2993.1	2988.7	2975.8	2967.1	2975.8	2988.7	2993.1	2967.1	2828.7	2815.8	2872.0
45°	2859.0	2863.3	2837.3	2824.4	2837.3	2863.3	2859.0	2841.7	2699.0	2664.4	2703.3
47.5°	2725.0	2725.0	2703.3	2690.3	2703.3	2725.0	2725.0	2703.3	2551.9	2517.3	2539.0
50°	2582.2	2577.9	2547.6	2543.2	2547.6	2577.9	2582.2	2569.2	2409.2	2378.9	2378.9
52.5°	2417.8	2417.8	2422.2	2430.8	2422.2	2417.8	2417.8	2422.2	2279.4	2249.1	2240.5
55°	2275.1	2279.4	2309.7	2318.4	2309.7	2279.4	2275.1	2275.1	2145.3	2115.1	2097.7
57.5°	2128.0	2128.0	2149.7	2149.7	2149.7	2128.0	2128.0	2119.4	1993.9	1968.0	1959.3
60°	1959.3	1968.0	1985.3	1981.0	1985.3	1968.0	1959.3	1950.7	1842.5	1825.2	1795.0
62.5°	1782.0	1790.6	1795.0	1786.3	1795.0	1790.6	1782.0	1756.1	1691.1	1678.2	1639.2
65°	1596.1	1604.7	1609.0	1600.3	1609.0	1604.7	1596.1	1583.0	1535.5	1513.8	1479.2
67.5°	1405.7	1401.4	1397.0	1414.3	1397.0	1401.4	1405.7	1388.4	1358.2	1340.8	1293.3
70°	1211.0	1211.0	1206.8	1215.4	1206.8	1211.0	1211.0	1198.1	1180.8	1167.8	1124.6
72.5°	1003.5	999.1	1016.4	1003.5	1016.4	999.1	1003.5	999.1	990.4	977.5	934.2
75°	800.2	808.8	800.2	813.1	800.2	808.8	800.2	804.5	800.2	791.5	761.3
77.5°	609.9	618.6	609.9	609.9	609.9	618.6	609.9	614.2	614.2	614.2	588.2
80°	432.6	428.2	428.2	423.9	428.2	428.2	432.6	432.6	436.8	428.2	419.5
82.5°	276.8	272.5	272.5	281.2	272.5	272.5	276.8	281.2	272.5	272.5	272.5
85°	151.4	155.7	147.1	147.1	147.1	155.7	151.4	142.7	151.4	151.4	147.1
87.5°	56.2	51.9	51.9	51.9	51.9	51.9	56.2	60.6	60.6	60.6	64.8
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7
92.5°	48.6	46.7	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2
95°	165.1	159.2	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5
97.5°	381.2	370.0	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3
100°	535.3	522.0	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1
102.5°	666.9	655.4	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6
105°	820.5	814.3	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9
107.5°	900.4	901.8	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9
110°	920.8	927.2	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	907.8	917.6	956.7	995.8	956.7	917.6	907.8	758.8	560.2	460.8	396.7
115°	863.5	877.0	931.3	985.6	931.3	877.0	863.5	719.9	528.6	432.9	378.9
117.5°	802.3	817.4	877.6	937.7	877.6	817.4	802.3	672.8	500.1	413.7	367.8
120°	761.1	775.7	834.2	892.6	834.2	775.7	761.1	642.7	484.9	406.0	364.0
122.5°	719.9	734.3	792.0	849.7	792.0	734.3	719.9	613.3	471.2	400.1	362.0
125°	665.3	678.6	731.7	784.9	731.7	678.6	665.3	574.8	454.0	393.7	360.5
127.5°	621.5	632.8	677.6	722.4	677.6	632.8	621.5	543.8	440.1	388.3	359.5
130°	593.9	604.3	645.7	687.1	645.7	604.3	593.9	524.7	432.5	386.3	360.1
132.5°	570.4	579.7	616.8	653.8	616.8	579.7	570.4	508.5	425.8	384.5	360.5
135°	537.1	545.1	577.1	609.0	577.1	545.1	537.1	485.2	416.0	381.4	360.1
137.5°	512.5	519.0	545.2	571.4	545.2	519.0	512.5	468.6	410.2	380.9	362.4
140°	492.8	498.9	523.4	547.8	523.4	498.9	492.8	454.9	404.4	379.1	362.7
142.5°	479.0	484.3	505.3	526.4	505.3	484.3	479.0	445.7	401.3	379.1	364.0
145°	458.2	462.2	478.1	494.1	478.1	462.2	458.2	431.0	394.7	376.6	364.0
147.5°	440.8	444.1	457.4	470.6	457.4	444.1	440.8	419.4	390.9	376.6	366.5
150°	430.9	433.5	444.2	454.9	444.2	433.5	430.9	412.8	388.7	376.6	367.8
152.5°	422.9	425.0	433.0	441.1	433.0	425.0	422.9	407.5	386.9	376.6	368.7
155°	413.5	414.8	420.1	425.5	420.1	414.8	413.5	401.2	384.8	376.6	370.5
157.5°	405.2	406.1	410.0	413.7	410.0	406.1	405.2	395.7	383.0	376.6	372.4
160°	401.1	401.6	403.8	406.0	403.8	401.6	401.1	392.9	382.0	376.6	373.3
162.5°	397.3	397.8	399.8	401.9	399.8	397.8	397.3	390.4	381.2	376.6	374.2
165°	391.4	391.9	394.1	396.3	394.1	391.9	391.4	386.5	379.9	376.6	375.5
167.5°	388.9	389.1	390.0	390.9	390.0	389.1	388.9	385.6	381.3	379.1	378.2
170°	388.9	388.9	388.9	388.9	388.9	388.9	388.9	385.6	381.3	379.1	379.1
172.5°	386.8	386.6	385.8	385.0	385.8	386.6	386.8	384.3	380.8	379.1	379.1
175°	384.0	384.0	384.0	384.0	384.0	384.0	384.0	382.4	380.2	379.1	379.7
177.5°	383.5	383.2	382.4	381.4	382.4	383.2	383.5	382.2	380.5	379.7	380.1
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	4571.8	4571.8	4571.8	4571.8	4571.8
2.5°	4515.6	4537.2	4550.2	4567.5	4610.8
5°	4342.6	4424.8	4450.7	4515.6	4593.4
7.5°	3962.0	4212.8	4282.0	4437.7	4558.8
10°	3594.3	3845.2	3966.2	4334.0	4515.6
12.5°	3408.3	3555.4	3637.5	4152.2	4455.0
15°	3291.5	3395.3	3455.9	3910.0	4385.8
17.5°	3200.7	3274.2	3317.5	3672.1	4290.7
20°	3144.5	3179.1	3218.0	3499.2	4182.6
22.5°	3105.5	3083.9	3114.2	3378.0	4035.5
25°	3079.6	2997.4	3032.0	3282.8	3862.5
27.5°	3101.2	2919.5	2932.5	3196.4	3680.8
30°	3105.5	2824.4	2828.7	3105.5	3477.5
32.5°	3075.3	2725.0	2729.2	2993.1	3248.2
35°	3001.8	2608.1	2603.8	2863.3	2936.8
37.5°	2902.3	2482.7	2482.7	2720.6	2595.2
40°	2781.2	2357.2	2370.3	2534.6	2292.4
42.5°	2634.0	2223.2	2240.5	2288.0	2067.5
45°	2474.0	2093.4	2106.4	1933.4	1894.4
47.5°	2296.7	1959.3	1963.7	1604.7	1838.3
50°	2084.8	1820.9	1803.6	1375.5	1833.9
52.5°	1898.8	1669.6	1617.6	1245.7	1665.2
55°	1717.1	1509.5	1397.0	1146.2	1544.1
57.5°	1557.1	1301.9	1193.7	1029.4	1518.2
60°	1410.1	1098.7	1016.4	904.0	1392.8
62.5°	1288.9	947.3	930.0	817.5	1263.0
65°	1159.1	843.4	839.1	744.0	1072.7
67.5°	1033.7	774.2	769.9	674.7	817.5
70°	899.6	700.7	692.1	601.2	605.5
72.5°	761.3	618.6	609.9	540.7	501.7
75°	622.8	523.4	519.0	471.4	406.6
77.5°	488.8	415.3	423.9	380.6	298.5
80°	350.3	302.8	311.4	272.5	224.9
82.5°	233.5	198.9	207.6	173.0	151.4
85°	129.8	112.5	116.8	90.8	69.2
87.5°	60.6	51.9	51.9	34.6	21.6
90°	11.2	7.2	6.6	4.6	2.6
92.5°	69.4	49.4	45.1	27.6	10.2
95°	170.9	96.3	88.3	56.4	24.5
97.5°	230.2	105.7	98.7	70.6	42.5
100°	251.9	113.7	107.3	81.8	56.3
102.5°	261.7	121.6	115.6	91.8	68.1
105°	269.1	133.3	128.3	108.2	88.1
107.5°	270.4	150.8	146.1	127.3	108.5
110°	268.4	160.5	156.3	139.3	122.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	268.5	172.3	168.3	152.1	136.0
115°	270.9	190.0	186.2	171.3	156.4
117.5°	276.0	207.1	203.7	190.2	176.6
120°	280.1	217.1	213.9	201.2	188.4
122.5°	285.9	228.8	225.6	212.8	200.0
125°	293.9	244.0	241.1	229.4	217.6
127.5°	301.9	258.6	255.6	243.8	231.9
130°	307.7	268.3	265.1	252.4	239.6
132.5°	312.3	276.2	273.1	260.3	247.6
135°	317.5	285.4	282.5	270.9	259.3
137.5°	325.1	297.2	294.3	282.9	271.4
140°	329.8	305.2	302.5	291.9	281.3
142.5°	333.7	311.1	308.6	298.8	289.0
145°	338.8	320.0	317.9	309.4	300.8
147.5°	346.3	331.3	329.2	320.9	312.6
150°	350.3	337.1	335.3	327.8	320.3
152.5°	352.8	341.0	339.5	333.9	328.2
155°	358.4	349.4	348.4	344.1	339.9
157.5°	364.1	357.9	356.9	352.7	348.6
160°	366.7	361.8	361.0	357.8	354.6
162.5°	369.4	365.8	365.3	362.9	360.5
165°	373.3	371.7	371.2	369.0	366.9
167.5°	376.4	375.1	374.8	373.8	372.8
170°	379.0	378.9	378.6	377.6	376.6
172.5°	379.1	379.1	379.1	378.9	378.6
175°	380.7	381.4	381.4	381.4	381.4
177.5°	380.8	381.4	381.4	381.4	381.4
180°	381.4	381.4	381.4	381.4	381.4



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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	16.63	17.89	17.24	18.51	19.22	19.48	20.74	20.09	21.36	22.07
	3H	17.13	18.27	17.76	18.90	19.65	20.86	21.99	21.49	22.63	23.37
	4H	17.34	18.41	17.99	19.06	19.82	21.33	22.39	21.97	23.04	23.80
	6H	17.48	18.47	18.14	19.13	19.90	21.64	22.62	22.30	23.28	24.06
	8H	17.49	18.43	18.17	19.11	19.89	21.72	22.66	22.40	23.34	24.12
	12H	17.48	18.37	18.16	19.05	19.85	21.78	22.68	22.46	23.35	24.16
4H	2H	17.71	18.78	18.36	19.43	20.19	19.93	21.00	20.58	21.65	22.41
	3H	18.77	19.66	19.44	20.35	21.13	21.48	22.37	22.14	23.06	23.84
	4H	19.07	19.87	19.75	20.56	21.38	22.03	22.84	22.71	23.53	24.34
	6H	19.21	19.91	19.91	20.63	21.45	22.42	23.12	23.12	23.84	24.66
	8H	19.23	19.88	19.93	20.60	21.43	22.54	23.20	23.25	23.91	24.74
	12H	19.21	19.80	19.94	20.54	21.38	22.62	23.21	23.35	23.95	24.79
8H	4H	19.56	20.21	20.26	20.92	21.76	22.19	22.84	22.89	23.55	24.39
	6H	19.83	20.38	20.57	21.13	21.97	22.64	23.19	23.38	23.94	24.78
	8H	19.88	20.36	20.63	21.12	21.97	22.80	23.29	23.55	24.05	24.90
	12H	19.88	20.31	20.63	21.06	21.97	22.92	23.35	23.67	24.10	25.01
12H	4H	19.58	20.17	20.31	20.91	21.75	22.17	22.76	22.90	23.50	24.33
	6H	19.90	20.38	20.65	21.14	21.99	22.64	23.13	23.39	23.89	24.74
	8H	19.98	20.41	20.73	21.16	22.07	22.83	23.25	23.58	24.00	24.92