

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: P934126

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934126
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-92765-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

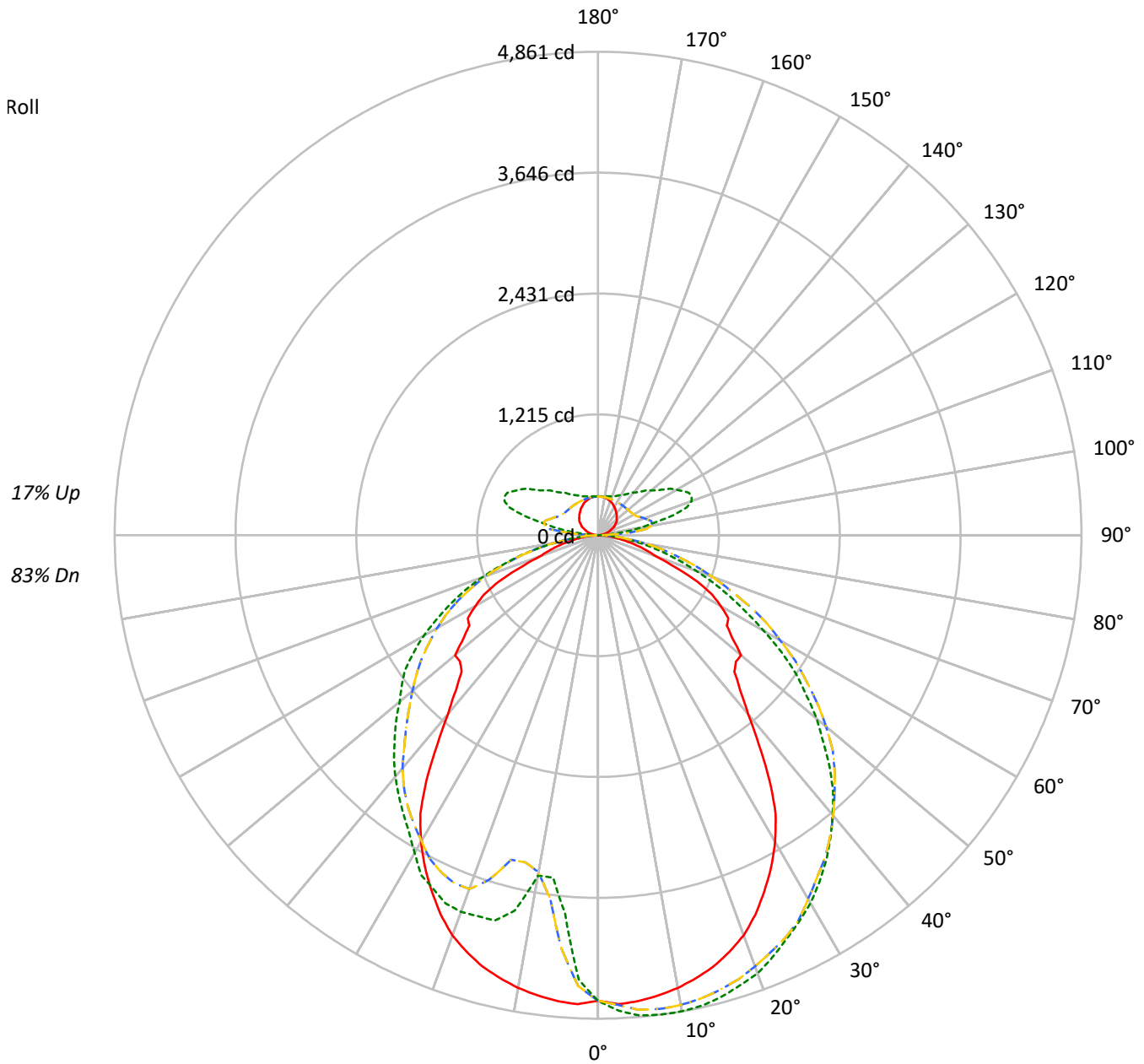
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14665.0 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 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



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14587	14610	14587	11488
10°	14495	14392	14495	10289
15°	14343	14080	14343	11757
20°	14048	13711	14048	11781
25°	13440	13172	13440	11532
30°	12651	12725	12651	10984
35°	11284	12159	11284	10381
40°	9408	11493	9408	9926
45°	8412	10713	8412	9403
50°	8944	9783	8944	8877
55°	8422	8782	8422	8574
60°	8693	7458	8693	7853
65°	7894	6166	7894	6891
70°	5480	4913	5480	5777
75°	4823	3632	4823	4349
80°	3915	2401	3915	2614
85°	2294	1272	2294	1081

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12884 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	422.4	2.9
10°-20°	1199.3	8.2
20°-30°	1853.9	12.6
30°-40°	2213.1	15.1
40°-50°	2226.1	15.2
50°-60°	1937.0	13.2
60°-70°	1373.3	9.4
70°-80°	726.6	5.0
80°-90°	182.4	1.2
90°-100°	190.3	1.3
100°-110°	500.3	3.4
110°-120°	518.8	3.5
120°-130°	416.1	2.8
130°-140°	326.5	2.2
140°-150°	250.6	1.7
150°-160°	180.5	1.2
160°-170°	110.4	0.8
170°-180°	37.3	0.3
0°-30°	3475.5	23.7
0°-40°	5688.7	38.8
0°-60°	9851.7	67.2
0°-90°	12134.1	82.7
90°-120°	1209.4	8.2
90°-150°	2202.7	15.0
90°-180°	2531.0	17.3
0°-180°	14665.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4679	4679	4679	4679	4679	
5°	4701	4848	4701	3812	4701	446
15°	4489	4803	4489	4011	4489	1263
25°	3953	4480	3953	3922	3953	1815
35°	3006	3998	3006	3413	3006	1860
45°	1939	3294	1939	2891	1939	1553
55°	1580	2430	1580	2373	1580	1452
65°	1098	1465	1098	1638	1098	1049
75°	416	695	416	832	416	438
85°	71	177	71	150	71	96
90°	3	10	3	10	3	5
95°	25	115	25	115	25	28
105°	90	783	90	783	90	96
115°	160	1009	160	1009	160	158
125°	223	803	223	803	223	198
135°	265	623	265	623	265	205
145°	308	506	308	506	308	193
155°	348	436	348	436	348	160
165°	376	406	376	406	376	106
175°	390	393	390	393	390	37
180°	390	390	390	390	390	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3
2.5°	4719.2	4719.2	4745.7	4754.6	4754.6	4741.2	4728.0	4741.2	4781.1	4794.4	4790.0
5°	4701.4	4736.9	4785.5	4794.4	4803.3	4798.8	4790.0	4798.8	4843.1	4852.0	4856.4
7.5°	4666.0	4732.4	4794.4	4807.7	4821.0	4807.7	4803.3	4812.1	4856.4	4865.3	4865.3
10°	4621.8	4714.7	4785.5	4794.4	4807.7	4794.4	4794.4	4812.1	4856.4	4865.3	4869.7
12.5°	4559.8	4688.1	4754.6	4763.4	4781.1	4776.7	4772.3	4790.0	4834.2	4843.1	4843.1
15°	4489.0	4639.5	4701.4	4710.3	4741.2	4732.4	4732.4	4750.1	4798.8	4812.1	4807.7
17.5°	4391.6	4577.5	4648.3	4661.6	4683.7	4679.3	4683.7	4701.4	4745.7	4754.6	4759.0
20°	4280.9	4493.3	4577.5	4590.7	4612.9	4612.9	4612.9	4635.0	4679.3	4697.0	4697.0
22.5°	4130.4	4404.8	4493.3	4502.2	4528.8	4528.8	4537.6	4568.6	4608.4	4612.9	4612.9
25°	3953.3	4307.4	4382.7	4409.3	4435.9	4449.1	4462.4	4480.1	4493.3	4489.0	4493.3
27.5°	3767.4	4183.5	4280.9	4298.6	4334.0	4347.3	4365.0	4369.4	4373.9	4387.1	4378.3
30°	3559.3	4010.8	4156.9	4174.6	4232.2	4241.1	4223.3	4232.2	4254.3	4263.2	4272.0
32.5°	3324.6	3754.1	4028.5	4068.4	4121.5	4095.0	4090.5	4103.8	4139.2	4139.2	4148.1
35°	3005.9	3554.8	3909.0	3944.4	3984.2	3953.3	3971.0	3975.4	3997.6	4010.8	4006.4
37.5°	2656.2	3382.2	3785.1	3811.7	3842.6	3802.8	3829.4	3842.6	3860.3	3851.4	3851.4
40°	2346.3	3112.1	3639.0	3656.7	3683.2	3652.3	3678.8	3687.7	3696.6	3687.7	3683.2
42.5°	2116.1	2815.5	3484.0	3506.2	3488.5	3510.5	3519.4	3537.1	3523.9	3506.2	3506.2
45°	1939.0	2735.8	3315.8	3342.3	3315.8	3351.2	3364.5	3364.5	3324.6	3315.8	3311.4
47.5°	1881.5	2576.5	3147.6	3147.6	3134.3	3178.6	3200.7	3169.7	3129.9	3116.6	3116.6
50°	1877.1	2399.4	2917.4	2899.7	2961.6	3014.8	2992.6	2961.6	2930.6	2882.0	2882.0
52.5°	1704.4	2182.5	2620.7	2687.2	2784.6	2815.5	2780.1	2749.2	2696.0	2673.9	2656.2
55°	1580.4	1956.8	2350.7	2483.6	2585.3	2625.2	2558.8	2527.8	2448.1	2434.8	2426.0
57.5°	1553.9	1629.1	2102.8	2271.0	2395.0	2390.6	2350.7	2293.2	2226.7	2213.5	2209.0
60°	1425.5	1177.6	1837.2	2036.4	2164.8	2151.5	2116.1	2063.0	2001.0	1992.2	1983.3
62.5°	1292.7	854.4	1536.2	1761.9	1943.4	1939.0	1908.0	1828.3	1784.1	1761.9	1744.2
65°	1097.9	717.2	1093.4	1465.4	1726.5	1735.3	1669.0	1611.4	1562.7	1536.2	1531.7
67.5°	836.7	584.3	739.3	1221.8	1518.5	1509.6	1425.5	1398.9	1336.9	1323.7	1297.1
70°	619.8	389.5	513.5	991.7	1314.8	1292.7	1226.3	1195.3	1137.7	1106.7	1089.0
72.5°	513.5	314.3	376.3	770.3	1106.7	1080.2	1022.6	987.2	938.5	912.0	894.3
75°	416.1	332.0	287.8	571.1	898.6	880.9	827.8	792.4	752.6	717.2	721.6
77.5°	305.5	309.9	230.2	420.6	712.7	686.2	655.2	610.9	593.2	557.8	557.8
80°	230.2	243.5	172.7	287.8	513.5	513.5	486.9	456.0	425.0	407.2	407.2
82.5°	155.0	155.0	128.4	181.5	349.8	336.4	318.7	309.9	292.2	283.3	283.3
85°	70.8	88.5	79.7	110.7	190.4	199.2	199.2	190.4	185.9	177.1	181.5
87.5°	22.1	39.9	48.7	62.0	97.4	101.9	106.2	106.2	106.2	110.7	110.7
90°	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3	9.9	9.9
92.5°	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5	49.8	47.8
95°	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9	169.0	163.0
97.5°	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6	390.1	378.7
100°	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5	547.9	534.3
102.5°	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9	682.5	670.9
105°	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2	839.8	833.5
107.5°	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2	921.6	923.0
110°	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5	942.5	949.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6	929.2	939.2
115°	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9	883.8	897.7
117.5°	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6	821.2	836.6
120°	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9	779.0	794.0
122.5°	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7	736.8	751.5
125°	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3	681.0	694.6
127.5°	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6	636.1	647.7
130°	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1	607.9	618.5
132.5°	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4	583.8	593.3
135°	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6	549.7	557.9
137.5°	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6	524.5	531.2
140°	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6	504.4	510.7
142.5°	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2	490.3	495.7
145°	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2	469.0	473.1
147.5°	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3	451.2	454.6
150°	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5	441.0	443.7
152.5°	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1	432.9	435.0
155°	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6	423.2	424.6
157.5°	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0	414.7	415.7
160°	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2	410.6	411.1
162.5°	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6	406.6	407.2
165°	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6	400.6	401.1
167.5°	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7	398.0	398.3
170°	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7	398.0	398.0
172.5°	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3	395.9	395.7
175°	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4	393.0	393.0
177.5°	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2	392.5	392.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3
2.5°	4798.8	4785.5	4798.8	4790.0	4794.4	4781.1	4741.2	4728.0	4741.2	4754.6	4754.6
5°	4856.4	4847.5	4856.4	4856.4	4852.0	4843.1	4798.8	4790.0	4798.8	4803.3	4794.4
7.5°	4874.1	4860.8	4874.1	4865.3	4865.3	4856.4	4812.1	4803.3	4807.7	4821.0	4807.7
10°	4874.1	4860.8	4874.1	4869.7	4865.3	4856.4	4812.1	4794.4	4794.4	4807.7	4794.4
12.5°	4852.0	4843.1	4852.0	4843.1	4843.1	4834.2	4790.0	4772.3	4776.7	4781.1	4763.4
15°	4816.5	4803.3	4816.5	4807.7	4812.1	4798.8	4750.1	4732.4	4732.4	4741.2	4710.3
17.5°	4763.4	4745.7	4763.4	4759.0	4754.6	4745.7	4701.4	4683.7	4679.3	4683.7	4661.6
20°	4701.4	4688.1	4701.4	4697.0	4697.0	4679.3	4635.0	4612.9	4612.9	4612.9	4590.7
22.5°	4604.1	4590.7	4604.1	4612.9	4612.9	4608.4	4568.6	4537.6	4528.8	4528.8	4502.2
25°	4493.3	4480.1	4493.3	4493.3	4489.0	4493.3	4480.1	4462.4	4449.1	4435.9	4409.3
27.5°	4387.1	4378.3	4387.1	4378.3	4387.1	4373.9	4369.4	4365.0	4347.3	4334.0	4298.6
30°	4280.9	4272.0	4280.9	4272.0	4263.2	4254.3	4232.2	4223.3	4241.1	4232.2	4174.6
32.5°	4148.1	4139.2	4148.1	4148.1	4139.2	4139.2	4103.8	4090.5	4095.0	4121.5	4068.4
35°	4010.8	3997.6	4010.8	4006.4	4010.8	3997.6	3975.4	3971.0	3953.3	3984.2	3944.4
37.5°	3851.4	3838.2	3851.4	3851.4	3851.4	3860.3	3842.6	3829.4	3802.8	3842.6	3811.7
40°	3687.7	3670.0	3687.7	3683.2	3687.7	3696.6	3687.7	3678.8	3652.3	3683.2	3656.7
42.5°	3501.7	3497.3	3501.7	3506.2	3506.2	3523.9	3537.1	3519.4	3510.5	3488.5	3506.2
45°	3302.5	3293.7	3302.5	3311.4	3315.8	3324.6	3364.5	3364.5	3351.2	3315.8	3342.3
47.5°	3090.1	3067.9	3090.1	3116.6	3116.6	3129.9	3169.7	3200.7	3178.6	3134.3	3147.6
50°	2864.3	2868.6	2864.3	2882.0	2882.0	2930.6	2961.6	2992.6	3014.8	2961.6	2899.7
52.5°	2642.9	2638.5	2642.9	2656.2	2673.9	2696.0	2749.2	2780.1	2815.5	2784.6	2687.2
55°	2421.6	2430.4	2421.6	2426.0	2434.8	2448.1	2527.8	2558.8	2625.2	2585.3	2483.6
57.5°	2200.2	2186.9	2200.2	2209.0	2213.5	2226.7	2293.2	2350.7	2390.6	2395.0	2271.0
60°	1943.4	1925.7	1943.4	1983.3	1992.2	2001.0	2063.0	2116.1	2151.5	2164.8	2036.4
62.5°	1717.6	1686.7	1717.6	1744.2	1761.9	1784.1	1828.3	1908.0	1939.0	1943.4	1761.9
65°	1478.6	1465.4	1478.6	1531.7	1536.2	1562.7	1611.4	1669.0	1735.3	1726.5	1465.4
67.5°	1261.7	1261.7	1261.7	1297.1	1323.7	1336.9	1398.9	1425.5	1509.6	1518.5	1221.8
70°	1062.5	1058.0	1062.5	1089.0	1106.7	1137.7	1195.3	1226.3	1292.7	1314.8	991.7
72.5°	872.1	867.7	872.1	894.3	912.0	938.5	987.2	1022.6	1080.2	1106.7	770.3
75°	703.9	695.0	703.9	721.6	717.2	752.6	792.4	827.8	880.9	898.6	571.1
77.5°	540.1	540.1	540.1	557.8	557.8	593.2	610.9	655.2	686.2	712.7	420.6
80°	402.9	398.4	402.9	407.2	407.2	425.0	456.0	486.9	513.5	513.5	287.8
82.5°	283.3	274.4	283.3	283.3	283.3	292.2	309.9	318.7	336.4	349.8	181.5
85°	177.1	177.1	177.1	181.5	177.1	185.9	190.4	199.2	199.2	190.4	110.7
87.5°	115.1	110.7	115.1	110.7	110.7	106.2	106.2	106.2	101.9	97.4	62.0
90°	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1	11.5	7.3
92.5°	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5	71.1	50.6
95°	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9	174.9	98.5
97.5°	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6	235.6	108.2
100°	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3	257.8	116.3
102.5°	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1	267.9	124.4
105°	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5	275.4	136.5
107.5°	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0	276.8	154.4
110°	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9	274.7	164.3



TEST NUMBER: P934126

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0	274.8	176.3
115°	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8	277.3	194.5
117.5°	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5	282.5	212.0
120°	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5	286.6	222.2
122.5°	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5	292.7	234.2
125°	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0	300.9	249.8
127.5°	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0	309.0	264.7
130°	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5	314.9	274.6
132.5°	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0	319.7	282.7
135°	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6	324.9	292.1
137.5°	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9	332.8	304.2
140°	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2	337.6	312.4
142.5°	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5	341.6	318.4
145°	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5	346.8	327.5
147.5°	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1	354.5	339.0
150°	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5	358.5	345.1
152.5°	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3	361.1	349.0
155°	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2	366.9	357.6
157.5°	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2	372.7	366.3
160°	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0	375.3	370.3
162.5°	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0	378.1	374.5
165°	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3	382.1	380.5
167.5°	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1	385.3	383.9
170°	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0	387.9	387.8
172.5°	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6	389.6	390.4
177.5°	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0	389.8	390.4
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934126

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3
2.5°	4745.7	4719.2	4719.2	4674.9	4657.2	4643.9	4621.8	4555.3	4537.6	4519.9	4546.5
5°	4785.5	4736.9	4701.4	4621.8	4555.3	4528.8	4444.7	4285.3	4179.0	4099.3	4055.1
7.5°	4794.4	4732.4	4666.0	4542.1	4382.7	4311.9	4055.1	3762.9	3683.2	3612.4	3568.1
10°	4785.5	4714.7	4621.8	4435.9	4059.5	3935.6	3678.8	3488.5	3439.7	3426.5	3439.7
12.5°	4754.6	4688.1	4559.8	4249.9	3723.1	3639.0	3488.5	3377.7	3368.9	3391.1	3510.5
15°	4701.4	4639.5	4489.0	4001.9	3537.1	3475.1	3368.9	3329.1	3377.7	3532.7	3891.3
17.5°	4648.3	4577.5	4391.6	3758.5	3395.5	3351.2	3276.0	3355.7	3630.1	3838.2	3957.7
20°	4577.5	4493.3	4280.9	3581.4	3293.7	3253.8	3218.4	3577.0	3785.1	3860.3	3926.7
22.5°	4493.3	4404.8	4130.4	3457.4	3187.5	3156.4	3178.6	3700.9	3785.1	3838.2	3895.7
25°	4382.7	4307.4	3953.3	3360.0	3103.3	3067.9	3152.0	3687.7	3736.3	3749.7	3864.8
27.5°	4280.9	4183.5	3767.4	3271.5	3001.5	2988.2	3174.1	3630.1	3665.5	3678.8	3802.8
30°	4156.9	4010.8	3559.3	3178.6	2895.2	2890.8	3178.6	3559.3	3550.4	3585.8	3709.8
32.5°	4028.5	3754.1	3324.6	3063.5	2793.4	2789.0	3147.6	3453.0	3444.2	3492.8	3585.8
35°	3909.0	3554.8	3005.9	2930.6	2665.0	2669.5	3072.4	3329.1	3333.5	3377.7	3435.3
37.5°	3785.1	3382.2	2656.2	2784.6	2541.1	2541.1	2970.5	3214.0	3205.2	3218.4	3298.1
40°	3639.0	3112.1	2346.3	2594.2	2426.0	2412.7	2846.6	3090.1	3059.0	3054.6	3165.3
42.5°	3484.0	2815.5	2116.1	2341.8	2293.2	2275.5	2696.0	2939.5	2882.0	2895.2	3036.9
45°	3315.8	2735.8	1939.0	1978.8	2155.9	2142.7	2532.2	2766.9	2727.0	2762.4	2908.5
47.5°	3147.6	2576.5	1881.5	1642.4	2009.9	2005.4	2350.7	2598.7	2576.5	2611.9	2766.9
50°	2917.4	2399.4	1877.1	1407.8	1846.0	1863.7	2133.8	2434.8	2434.8	2465.9	2629.6
52.5°	2620.7	2182.5	1704.4	1275.0	1655.6	1708.8	1943.4	2293.2	2302.0	2333.0	2479.1
55°	2350.7	1956.8	1580.4	1173.1	1429.9	1545.0	1757.5	2147.0	2164.8	2195.8	2328.6
57.5°	2102.8	1629.1	1553.9	1053.6	1221.8	1332.6	1593.7	2005.4	2014.3	2040.8	2169.2
60°	1837.2	1177.6	1425.5	925.2	1040.3	1124.5	1443.2	1837.2	1868.2	1885.9	1996.5
62.5°	1536.2	854.4	1292.7	836.7	951.8	969.5	1319.2	1677.8	1717.6	1730.9	1797.3
65°	1093.4	717.2	1097.9	761.5	858.9	863.2	1186.4	1514.0	1549.4	1571.6	1620.2
67.5°	739.3	584.3	836.7	690.6	788.0	792.4	1058.0	1323.7	1372.3	1390.1	1421.1
70°	513.5	389.5	619.8	615.3	708.4	717.2	920.8	1151.0	1195.3	1208.6	1226.3
72.5°	376.3	314.3	513.5	553.4	624.2	633.1	779.2	956.2	1000.5	1013.7	1022.6
75°	287.8	332.0	416.1	482.5	531.2	535.7	637.5	779.2	810.1	819.0	823.4
77.5°	230.2	309.9	305.5	389.5	433.8	425.0	500.3	602.1	628.6	628.6	628.6
80°	172.7	243.5	230.2	278.9	318.7	309.9	358.6	429.4	438.3	447.1	442.7
82.5°	128.4	155.0	155.0	177.1	212.5	203.6	239.0	278.9	278.9	278.9	287.8
85°	79.7	88.5	70.8	93.0	119.6	115.1	132.8	150.5	155.0	155.0	146.1
87.5°	48.7	39.9	22.1	35.4	53.1	53.1	62.0	66.4	62.0	62.0	62.0
90°	6.8	4.7	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3
92.5°	46.1	28.3	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5
95°	90.3	57.7	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9
97.5°	101.1	72.3	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6
100°	109.8	83.7	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5
102.5°	118.3	94.0	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9
105°	131.3	110.7	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2
107.5°	149.6	130.3	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2
110°	159.9	142.6	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5



TEST NUMBER: P934126

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	172.2	155.7	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6
115°	190.6	175.4	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9
117.5°	208.5	194.6	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6
120°	219.0	205.9	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9
122.5°	230.9	217.8	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7
125°	246.8	234.8	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3
127.5°	261.6	249.5	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6
130°	271.4	258.3	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1
132.5°	279.5	266.4	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4
135°	289.2	277.3	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6
137.5°	301.2	289.5	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6
140°	309.7	298.8	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6
142.5°	315.9	305.8	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2
145°	325.4	316.6	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2
147.5°	337.0	328.4	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3
150°	343.1	335.5	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5
152.5°	347.5	341.8	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1
155°	356.6	352.2	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6
157.5°	365.3	361.0	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0
160°	369.5	366.2	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2
162.5°	373.8	371.4	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6
165°	379.9	377.7	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6
167.5°	383.6	382.6	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7
170°	387.5	386.5	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7
172.5°	388.0	387.8	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3
175°	390.4	390.4	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4
177.5°	390.4	390.4	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934126

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3	4679.3
2.5°	4515.5	4502.2	4519.9	4471.3	4519.9	4502.2	4515.5	4546.5	4519.9	4537.6	4555.3
5°	3962.2	3940.0	3869.1	3811.7	3869.1	3940.0	3962.2	4055.1	4099.3	4179.0	4285.3
7.5°	3541.6	3523.9	3506.2	3470.8	3506.2	3523.9	3541.6	3568.1	3612.4	3683.2	3762.9
10°	3448.6	3453.0	3479.6	3475.1	3479.6	3453.0	3448.6	3439.7	3426.5	3439.7	3488.5
12.5°	3687.7	3727.5	3873.6	3864.8	3873.6	3727.5	3687.7	3510.5	3391.1	3368.9	3377.7
15°	3962.2	3975.4	4006.4	4010.8	4006.4	3975.4	3962.2	3891.3	3532.7	3377.7	3329.1
17.5°	3988.7	3993.1	4015.3	4015.3	4015.3	3993.1	3988.7	3957.7	3838.2	3630.1	3355.7
20°	3966.5	3975.4	4019.7	4028.5	4019.7	3975.4	3966.5	3926.7	3860.3	3785.1	3577.0
22.5°	3957.7	3975.4	4010.8	4006.4	4010.8	3975.4	3957.7	3895.7	3838.2	3785.1	3700.9
25°	3913.4	3913.4	3917.9	3922.3	3917.9	3913.4	3913.4	3864.8	3749.7	3736.3	3687.7
27.5°	3820.5	3829.4	3855.9	3851.4	3855.9	3829.4	3820.5	3802.8	3678.8	3665.5	3630.1
30°	3736.3	3727.5	3705.4	3687.7	3705.4	3727.5	3736.3	3709.8	3585.8	3550.4	3559.3
32.5°	3594.7	3572.5	3550.4	3537.1	3550.4	3572.5	3594.7	3585.8	3492.8	3444.2	3453.0
35°	3426.5	3430.9	3426.5	3413.2	3426.5	3430.9	3426.5	3435.3	3377.7	3333.5	3329.1
37.5°	3306.9	3315.8	3311.4	3293.7	3311.4	3315.8	3306.9	3298.1	3218.4	3205.2	3214.0
40°	3183.0	3187.5	3183.0	3169.7	3183.0	3187.5	3183.0	3165.3	3054.6	3059.0	3090.1
42.5°	3063.5	3059.0	3045.8	3036.9	3045.8	3059.0	3063.5	3036.9	2895.2	2882.0	2939.5
45°	2926.2	2930.6	2904.0	2890.8	2904.0	2930.6	2926.2	2908.5	2762.4	2727.0	2766.9
47.5°	2789.0	2789.0	2766.9	2753.5	2766.9	2789.0	2789.0	2766.9	2611.9	2576.5	2598.7
50°	2642.9	2638.5	2607.5	2603.0	2607.5	2638.5	2642.9	2629.6	2465.9	2434.8	2434.8
52.5°	2474.7	2474.7	2479.1	2487.9	2479.1	2474.7	2474.7	2479.1	2333.0	2302.0	2293.2
55°	2328.6	2333.0	2364.0	2372.9	2364.0	2333.0	2328.6	2328.6	2195.8	2164.8	2147.0
57.5°	2178.1	2178.1	2200.2	2200.2	2200.2	2178.1	2178.1	2169.2	2040.8	2014.3	2005.4
60°	2005.4	2014.3	2032.0	2027.6	2032.0	2014.3	2005.4	1996.5	1885.9	1868.2	1837.2
62.5°	1823.9	1832.8	1837.2	1828.3	1837.2	1832.8	1823.9	1797.3	1730.9	1717.6	1677.8
65°	1633.6	1642.4	1646.8	1637.9	1646.8	1642.4	1633.6	1620.2	1571.6	1549.4	1514.0
67.5°	1438.8	1434.3	1429.9	1447.6	1429.9	1434.3	1438.8	1421.1	1390.1	1372.3	1323.7
70°	1239.5	1239.5	1235.1	1244.0	1235.1	1239.5	1239.5	1226.3	1208.6	1195.3	1151.0
72.5°	1027.1	1022.6	1040.3	1027.1	1040.3	1022.6	1027.1	1022.6	1013.7	1000.5	956.2
75°	819.0	827.8	819.0	832.3	819.0	827.8	819.0	823.4	819.0	810.1	779.2
77.5°	624.2	633.1	624.2	624.2	624.2	633.1	624.2	628.6	628.6	628.6	602.1
80°	442.7	438.3	438.3	433.8	438.3	438.3	442.7	442.7	447.1	438.3	429.4
82.5°	283.3	278.9	278.9	287.8	278.9	278.9	283.3	287.8	278.9	278.9	278.9
85°	155.0	159.4	150.5	150.5	150.5	159.4	155.0	146.1	155.0	155.0	150.5
87.5°	57.6	53.1	53.1	53.1	53.1	53.1	57.6	62.0	62.0	62.0	66.4
90°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1
92.5°	49.8	47.8	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5
95°	169.0	163.0	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9
97.5°	390.1	378.7	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6
100°	547.9	534.3	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3
102.5°	682.5	670.9	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1
105°	839.8	833.5	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5
107.5°	921.6	923.0	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0
110°	942.5	949.0	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	929.2	939.2	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0
115°	883.8	897.7	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8
117.5°	821.2	836.6	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5
120°	779.0	794.0	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5
122.5°	736.8	751.5	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5
125°	681.0	694.6	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0
127.5°	636.1	647.7	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0
130°	607.9	618.5	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5
132.5°	583.8	593.3	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0
135°	549.7	557.9	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6
137.5°	524.5	531.2	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9
140°	504.4	510.7	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2
142.5°	490.3	495.7	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5
145°	469.0	473.1	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5
147.5°	451.2	454.6	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1
150°	441.0	443.7	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5
152.5°	432.9	435.0	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3
155°	423.2	424.6	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2
157.5°	414.7	415.7	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2
160°	410.6	411.1	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0
162.5°	406.6	407.2	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0
165°	400.6	401.1	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3
167.5°	398.0	398.3	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1
170°	398.0	398.0	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0
172.5°	395.9	395.7	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6
177.5°	392.5	392.2	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4679.3	4679.3	4679.3	4679.3	4679.3
2.5°	4621.8	4643.9	4657.2	4674.9	4719.2
5°	4444.7	4528.8	4555.3	4621.8	4701.4
7.5°	4055.1	4311.9	4382.7	4542.1	4666.0
10°	3678.8	3935.6	4059.5	4435.9	4621.8
12.5°	3488.5	3639.0	3723.1	4249.9	4559.8
15°	3368.9	3475.1	3537.1	4001.9	4489.0
17.5°	3276.0	3351.2	3395.5	3758.5	4391.6
20°	3218.4	3253.8	3293.7	3581.4	4280.9
22.5°	3178.6	3156.4	3187.5	3457.4	4130.4
25°	3152.0	3067.9	3103.3	3360.0	3953.3
27.5°	3174.1	2988.2	3001.5	3271.5	3767.4
30°	3178.6	2890.8	2895.2	3178.6	3559.3
32.5°	3147.6	2789.0	2793.4	3063.5	3324.6
35°	3072.4	2669.5	2665.0	2930.6	3005.9
37.5°	2970.5	2541.1	2541.1	2784.6	2656.2
40°	2846.6	2412.7	2426.0	2594.2	2346.3
42.5°	2696.0	2275.5	2293.2	2341.8	2116.1
45°	2532.2	2142.7	2155.9	1978.8	1939.0
47.5°	2350.7	2005.4	2009.9	1642.4	1881.5
50°	2133.8	1863.7	1846.0	1407.8	1877.1
52.5°	1943.4	1708.8	1655.6	1275.0	1704.4
55°	1757.5	1545.0	1429.9	1173.1	1580.4
57.5°	1593.7	1332.6	1221.8	1053.6	1553.9
60°	1443.2	1124.5	1040.3	925.2	1425.5
62.5°	1319.2	969.5	951.8	836.7	1292.7
65°	1186.4	863.2	858.9	761.5	1097.9
67.5°	1058.0	792.4	788.0	690.6	836.7
70°	920.8	717.2	708.4	615.3	619.8
72.5°	779.2	633.1	624.2	553.4	513.5
75°	637.5	535.7	531.2	482.5	416.1
77.5°	500.3	425.0	433.8	389.5	305.5
80°	358.6	309.9	318.7	278.9	230.2
82.5°	239.0	203.6	212.5	177.1	155.0
85°	132.8	115.1	119.6	93.0	70.8
87.5°	62.0	53.1	53.1	35.4	22.1
90°	11.5	7.3	6.8	4.7	2.6
92.5°	71.1	50.6	46.1	28.3	10.5
95°	174.9	98.5	90.3	57.7	25.1
97.5°	235.6	108.2	101.1	72.3	43.5
100°	257.8	116.3	109.8	83.7	57.6
102.5°	267.9	124.4	118.3	94.0	69.7
105°	275.4	136.5	131.3	110.7	90.2
107.5°	276.8	154.4	149.6	130.3	111.1
110°	274.7	164.3	159.9	142.6	125.2



TEST NUMBER: P934126

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	274.8	176.3	172.2	155.7	139.2
115°	277.3	194.5	190.6	175.4	160.1
117.5°	282.5	212.0	208.5	194.6	180.8
120°	286.6	222.2	219.0	205.9	192.8
122.5°	292.7	234.2	230.9	217.8	204.7
125°	300.9	249.8	246.8	234.8	222.7
127.5°	309.0	264.7	261.6	249.5	237.4
130°	314.9	274.6	271.4	258.3	245.2
132.5°	319.7	282.7	279.5	266.4	253.4
135°	324.9	292.1	289.2	277.3	265.4
137.5°	332.8	304.2	301.2	289.5	277.7
140°	337.6	312.4	309.7	298.8	287.9
142.5°	341.6	318.4	315.9	305.8	295.8
145°	346.8	327.5	325.4	316.6	307.9
147.5°	354.5	339.0	337.0	328.4	319.9
150°	358.5	345.1	343.1	335.5	327.8
152.5°	361.1	349.0	347.5	341.8	335.9
155°	366.9	357.6	356.6	352.2	347.9
157.5°	372.7	366.3	365.3	361.0	356.8
160°	375.3	370.3	369.5	366.2	362.9
162.5°	378.1	374.5	373.8	371.4	369.0
165°	382.1	380.5	379.9	377.7	375.5
167.5°	385.3	383.9	383.6	382.6	381.5
170°	387.9	387.8	387.5	386.5	385.4
172.5°	388.1	388.1	388.0	387.8	387.5
175°	389.6	390.4	390.4	390.4	390.4
177.5°	389.8	390.4	390.4	390.4	390.4
180°	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934126
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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	16.71	17.97	17.32	18.59	19.30	19.56	20.82	20.17	21.44	22.15
	3H	17.21	18.35	17.84	18.98	19.73	20.94	22.07	21.57	22.71	23.46
	4H	17.42	18.49	18.07	19.14	19.90	21.41	22.47	22.05	23.12	23.88
	6H	17.56	18.55	18.22	19.21	19.98	21.72	22.70	22.38	23.36	24.14
	8H	17.57	18.51	18.25	19.19	19.97	21.81	22.75	22.48	23.43	24.20
	12H	17.56	18.46	18.24	19.13	19.94	21.86	22.76	22.54	23.43	24.24
4H	2H	17.79	18.86	18.44	19.51	20.27	20.01	21.08	20.66	21.73	22.49
	3H	18.86	19.75	19.52	20.43	21.21	21.56	22.45	22.23	23.14	23.92
	4H	19.15	19.95	19.83	20.65	21.46	22.11	22.92	22.79	23.61	24.42
	6H	19.29	19.99	20.00	20.71	21.53	22.50	23.20	23.21	23.92	24.74
	8H	19.31	19.96	20.02	20.68	21.51	22.62	23.28	23.33	23.99	24.82
	12H	19.30	19.88	20.02	20.62	21.46	22.70	23.29	23.43	24.03	24.87
8H	4H	19.64	20.29	20.34	21.00	21.84	22.27	22.92	22.97	23.63	24.47
	6H	19.91	20.46	20.65	21.21	22.05	22.72	23.27	23.46	24.02	24.86
	8H	19.96	20.44	20.71	21.20	22.05	22.88	23.37	23.63	24.13	24.98
	12H	19.96	20.39	20.71	21.14	22.05	23.00	23.43	23.75	24.18	25.09
12H	4H	19.66	20.25	20.39	20.99	21.83	22.25	22.84	22.98	23.58	24.41
	6H	19.98	20.46	20.73	21.22	22.07	22.72	23.21	23.47	23.97	24.82
	8H	20.06	20.49	20.81	21.24	22.15	22.91	23.34	23.66	24.08	25.00