

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: P934156

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934156
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-93050-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

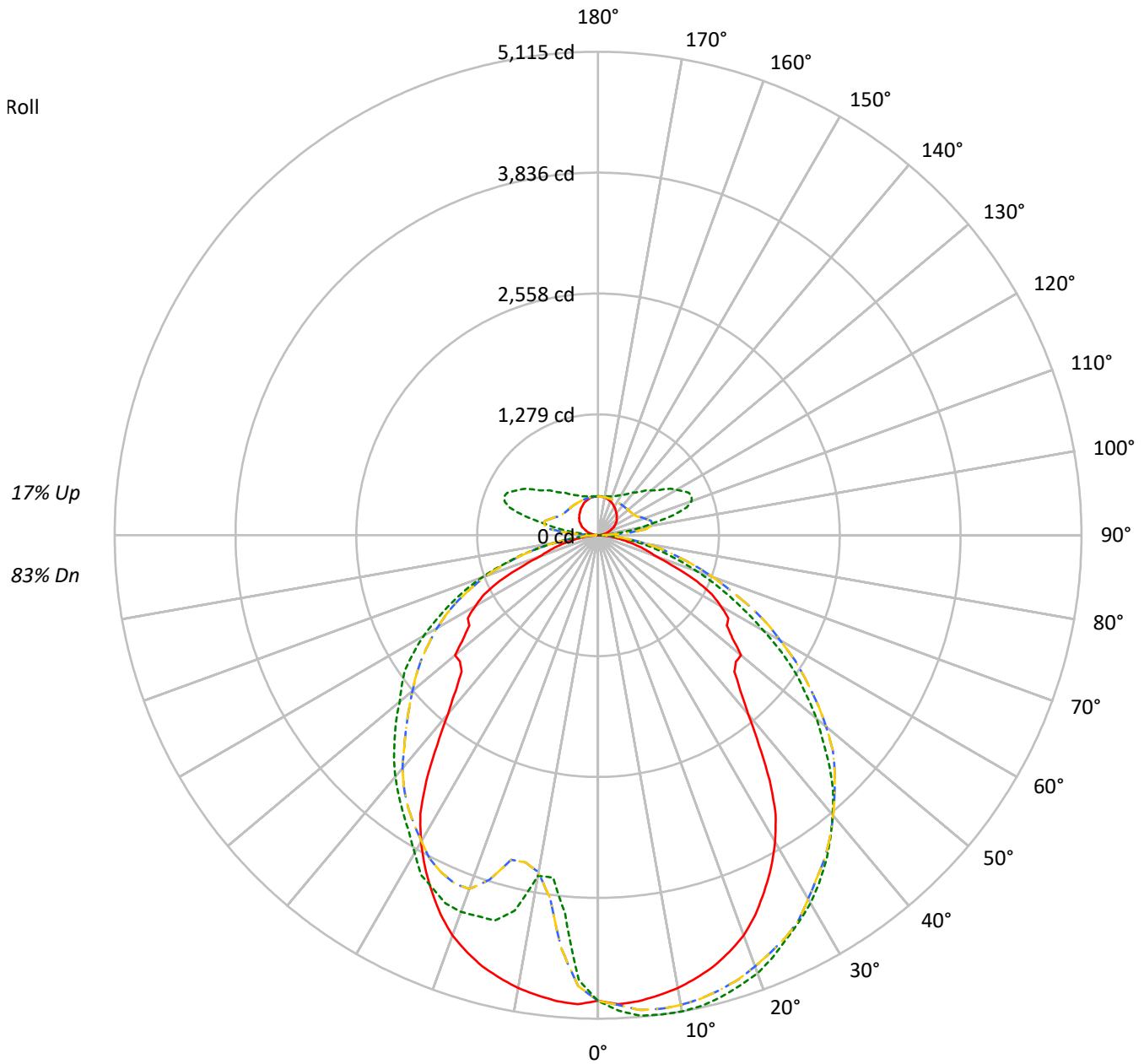
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15432.9 lumens
Efficiency: N/A
Efficacy: 103.7 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
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70		
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59		
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50		
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43		
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37		
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32		
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29		
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26		
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23		
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15232	15232	15232	15232
5°	15351	15375	15351	12090
10°	15254	15145	15254	10828
15°	15093	14817	15093	12373
20°	14784	14428	14784	12399
25°	14143	13862	14143	12136
30°	13314	13391	13314	11559
35°	11875	12796	11875	10925
40°	9901	12095	9901	10446
45°	8852	11274	8852	9895
50°	9412	10295	9412	9342
55°	8863	9242	8863	9023
60°	9148	7849	9148	8264
65°	8308	6488	8308	7252
70°	5766	5171	5766	6079
75°	5075	3822	5075	4577
80°	4121	2527	4121	2752
85°	2414	1339	2414	1138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13558 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.5	2.9
10°-20°	1262.1	8.2
20°-30°	1950.9	12.6
30°-40°	2329.0	15.1
40°-50°	2342.7	15.2
50°-60°	2038.4	13.2
60°-70°	1445.3	9.4
70°-80°	764.6	5.0
80°-90°	192.0	1.2
90°-100°	200.3	1.3
100°-110°	526.5	3.4
110°-120°	546.0	3.5
120°-130°	437.9	2.8
130°-140°	343.6	2.2
140°-150°	263.7	1.7
150°-160°	189.9	1.2
160°-170°	116.2	0.8
170°-180°	39.3	0.3
0°-30°	3657.5	23.7
0°-40°	5986.5	38.8
0°-60°	10367.6	67.2
0°-90°	12769.5	82.7
90°-120°	1272.7	8.2
90°-150°	2318.0	15.0
90°-180°	2663.0	17.3
0°-180°	15432.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4924	4924	4924	4924	4924	
5°	4948	5101	4948	4011	4948	469
15°	4724	5055	4724	4221	4724	1329
25°	4160	4715	4160	4128	4160	1910
35°	3163	4207	3163	3592	3163	1957
45°	2040	3466	2040	3042	2040	1635
55°	1663	2558	1663	2497	1663	1528
65°	1155	1542	1155	1724	1155	1104
75°	438	731	438	876	438	460
85°	74	186	74	158	74	101
90°	3	10	3	10	3	5
95°	26	121	26	121	26	29
105°	95	824	95	824	95	101
115°	168	1062	168	1062	168	166
125°	234	845	234	845	234	208
135°	279	656	279	656	279	216
145°	324	532	324	532	324	203
155°	366	458	366	458	366	168
165°	395	427	395	427	395	112
175°	411	414	411	414	411	39
180°	411	411	411	411	411	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4966.3	4966.3	4994.2	5003.5	5003.5	4989.5	4975.6	4989.5	5031.4	5045.5	5040.8
5°	4947.6	4984.9	5036.1	5045.5	5054.8	5050.1	5040.8	5050.1	5096.7	5106.1	5110.6
7.5°	4910.3	4980.2	5045.5	5059.4	5073.4	5059.4	5054.8	5064.1	5110.6	5120.0	5120.0
10°	4863.8	4961.6	5036.1	5045.5	5059.4	5045.5	5045.5	5064.1	5110.6	5120.0	5124.7
12.5°	4798.5	4933.6	5003.5	5012.8	5031.4	5026.8	5022.2	5040.8	5087.3	5096.7	5096.7
15°	4724.0	4882.4	4947.6	4956.9	4989.5	4980.2	4980.2	4998.9	5050.1	5064.1	5059.4
17.5°	4621.5	4817.2	4891.7	4905.7	4928.9	4924.4	4928.9	4947.6	4994.2	5003.5	5008.1
20°	4505.1	4728.6	4817.2	4831.1	4854.4	4854.4	4854.4	4877.7	4924.4	4943.0	4943.0
22.5°	4346.7	4635.5	4728.6	4738.0	4766.0	4766.0	4775.2	4807.8	4849.7	4854.4	4854.4
25°	4160.3	4533.0	4612.2	4640.1	4668.1	4682.1	4696.0	4714.7	4728.6	4724.0	4728.6
27.5°	3964.6	4402.5	4505.1	4523.7	4560.9	4574.9	4593.5	4598.2	4602.9	4616.8	4607.6
30°	3745.7	4220.8	4374.6	4393.2	4453.8	4463.1	4444.5	4453.8	4477.1	4486.4	4495.7
32.5°	3498.7	3950.7	4239.5	4281.4	4337.3	4309.4	4304.7	4318.7	4355.9	4355.9	4365.3
35°	3163.3	3741.0	4113.7	4150.9	4192.9	4160.3	4178.9	4183.6	4206.9	4220.8	4216.2
37.5°	2795.3	3559.3	3983.3	4011.2	4043.8	4001.9	4029.9	4043.8	4062.5	4053.1	4053.1
40°	2469.2	3275.1	3829.5	3848.2	3876.1	3843.5	3871.5	3880.7	3890.1	3880.7	3876.1
42.5°	2226.9	2963.0	3666.5	3689.8	3671.1	3694.4	3703.7	3722.4	3708.4	3689.8	3689.8
45°	2040.5	2879.1	3489.4	3517.3	3489.4	3526.7	3540.7	3540.7	3498.7	3489.4	3484.8
47.5°	1980.0	2711.4	3312.4	3312.4	3298.4	3345.0	3368.3	3335.6	3293.8	3279.8	3279.8
50°	1975.3	2525.0	3070.1	3051.5	3116.7	3172.7	3149.3	3116.7	3084.1	3032.9	3032.9
52.5°	1793.6	2296.8	2757.9	2827.9	2930.4	2963.0	2925.7	2893.1	2837.1	2813.9	2795.3
55°	1663.1	2059.2	2473.8	2613.6	2720.7	2762.6	2692.8	2660.1	2576.3	2562.3	2553.0
57.5°	1635.2	1714.4	2212.9	2390.0	2520.4	2515.8	2473.8	2413.3	2343.3	2329.4	2324.7
60°	1500.2	1239.3	1933.4	2143.0	2278.2	2264.1	2226.9	2171.0	2105.7	2096.5	2087.1
62.5°	1360.4	899.2	1616.6	1854.2	2045.2	2040.5	2007.9	1924.0	1877.5	1854.2	1835.6
65°	1155.4	754.7	1150.7	1542.1	1816.9	1826.2	1756.4	1695.8	1644.5	1616.6	1611.9
67.5°	880.5	614.9	778.0	1285.8	1598.0	1588.6	1500.2	1472.2	1406.9	1393.0	1365.0
70°	652.2	409.9	540.4	1043.6	1383.6	1360.4	1290.5	1257.9	1197.3	1164.6	1146.0
72.5°	540.4	330.7	396.0	810.6	1164.6	1136.7	1076.2	1038.9	987.6	959.7	941.1
75°	437.9	349.4	302.8	601.0	945.7	927.1	871.2	833.9	792.0	754.7	759.4
77.5°	321.5	326.1	242.3	442.6	750.0	722.1	689.5	642.9	624.3	587.0	587.0
80°	242.3	256.2	181.7	302.8	540.4	540.4	512.4	479.9	447.3	428.6	428.6
82.5°	163.1	163.1	135.1	191.0	368.1	354.0	335.4	326.1	307.5	298.2	298.2
85°	74.5	93.1	83.9	116.5	200.3	209.6	209.6	200.3	195.7	186.4	191.0
87.5°	23.3	41.9	51.2	65.2	102.5	107.2	111.8	111.8	111.8	116.5	116.5
90°	2.8	5.0	7.2	7.7	12.1	18.0	20.9	18.6	13.9	10.5	10.5
92.5°	11.0	29.7	48.5	53.2	74.8	103.6	118.0	103.4	74.2	52.4	50.3
95°	26.4	60.8	95.1	103.7	184.1	291.4	345.0	307.8	233.6	177.8	171.5
97.5°	45.8	76.1	106.4	113.9	248.0	426.8	516.2	492.7	445.8	410.6	398.6
100°	60.7	88.1	115.5	122.4	271.3	469.7	568.9	570.6	574.0	576.6	562.3
102.5°	73.3	98.9	124.5	131.0	281.9	483.2	583.7	613.7	673.4	718.3	706.0
105°	94.9	116.5	138.2	143.6	289.8	484.6	582.1	649.1	783.2	883.7	877.1
107.5°	116.9	137.1	157.4	162.4	291.3	463.1	549.0	642.5	829.5	969.8	971.4
110°	131.8	150.0	168.3	172.9	289.1	444.0	521.4	626.0	835.0	991.8	998.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	146.5	163.8	181.2	185.6	289.2	427.3	496.4	603.4	817.3	977.8	988.4
115°	168.5	184.5	200.6	204.6	291.8	408.1	466.3	569.3	775.5	930.1	944.7
117.5°	190.2	204.8	219.4	223.1	297.2	396.2	445.6	538.7	724.7	864.2	880.4
120°	202.9	216.7	230.4	233.8	301.6	392.0	437.3	522.3	692.3	819.8	835.6
122.5°	215.4	229.2	243.0	246.5	308.0	389.9	430.9	507.5	660.6	775.4	790.9
125°	234.4	247.0	259.7	262.8	316.6	388.3	424.1	489.0	619.1	716.6	730.9
127.5°	249.8	262.6	275.3	278.5	325.1	387.3	418.3	474.1	585.8	669.5	681.6
130°	258.1	271.8	285.6	289.0	331.4	387.8	416.1	465.8	565.2	639.7	650.9
132.5°	266.7	280.4	294.1	297.5	336.4	388.3	414.2	458.7	547.7	614.4	624.4
135°	279.3	291.8	304.3	307.4	341.9	387.9	410.9	448.1	522.6	578.5	587.1
137.5°	292.3	304.7	317.0	320.1	350.2	390.3	410.3	441.8	504.7	552.0	559.1
140°	303.0	314.4	325.9	328.7	355.2	390.7	408.4	435.5	490.0	530.8	537.4
142.5°	311.3	321.8	332.4	335.1	359.5	392.0	408.4	432.2	480.0	515.9	521.6
145°	324.0	333.2	342.4	344.7	365.0	392.0	405.6	425.2	464.3	493.5	497.8
147.5°	336.7	345.6	354.6	356.8	373.0	394.8	405.6	421.0	451.8	474.8	478.4
150°	345.0	353.0	361.1	363.1	377.3	396.2	405.6	418.7	444.6	464.1	466.9
152.5°	353.5	359.6	365.7	367.3	380.0	397.1	405.6	416.7	438.9	455.5	457.7
155°	366.2	370.7	375.2	376.3	386.1	399.1	405.6	414.4	432.1	445.4	446.8
157.5°	375.5	379.9	384.4	385.5	392.2	401.1	405.6	412.5	426.2	436.5	437.5
160°	381.9	385.3	388.8	389.7	395.0	402.0	405.6	411.5	423.2	432.1	432.6
162.5°	388.3	390.8	393.4	394.1	397.9	403.1	405.6	410.6	420.5	427.9	428.5
165°	395.2	397.5	399.8	400.4	402.1	404.4	405.6	409.2	416.3	421.6	422.1
167.5°	401.5	402.6	403.7	404.0	405.4	407.4	408.4	410.7	415.3	418.8	419.1
170°	405.6	406.7	407.8	408.1	408.2	408.3	408.4	410.7	415.3	418.8	418.8
172.5°	407.8	408.1	408.3	408.4	408.4	408.4	408.4	410.2	413.9	416.6	416.4
175°	410.9	410.9	410.9	410.9	410.0	408.9	408.4	409.6	411.9	413.6	413.6
177.5°	410.9	410.9	410.9	410.9	410.2	409.4	408.9	409.8	411.7	413.1	412.8
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	5050.1	5036.1	5050.1	5040.8	5045.5	5031.4	4989.5	4975.6	4989.5	5003.5	5003.5
5°	5110.6	5101.4	5110.6	5110.6	5106.1	5096.7	5050.1	5040.8	5050.1	5054.8	5045.5
7.5°	5129.3	5115.3	5129.3	5120.0	5120.0	5110.6	5064.1	5054.8	5059.4	5073.4	5059.4
10°	5129.3	5115.3	5129.3	5124.7	5120.0	5110.6	5064.1	5045.5	5045.5	5059.4	5045.5
12.5°	5106.1	5096.7	5106.1	5096.7	5096.7	5087.3	5040.8	5022.2	5026.8	5031.4	5012.8
15°	5068.7	5054.8	5068.7	5059.4	5064.1	5050.1	4998.9	4980.2	4980.2	4989.5	4956.9
17.5°	5012.8	4994.2	5012.8	5008.1	5003.5	4994.2	4947.6	4928.9	4924.4	4928.9	4905.7
20°	4947.6	4933.6	4947.6	4943.0	4943.0	4924.4	4877.7	4854.4	4854.4	4854.4	4831.1
22.5°	4845.2	4831.1	4845.2	4854.4	4854.4	4849.7	4807.8	4775.2	4766.0	4766.0	4738.0
25°	4728.6	4714.7	4728.6	4728.6	4724.0	4728.6	4714.7	4696.0	4682.1	4668.1	4640.1
27.5°	4616.8	4607.6	4616.8	4607.6	4616.8	4602.9	4598.2	4593.5	4574.9	4560.9	4523.7
30°	4505.1	4495.7	4505.1	4495.7	4486.4	4477.1	4453.8	4444.5	4463.1	4453.8	4393.2
32.5°	4365.3	4355.9	4365.3	4365.3	4355.9	4355.9	4318.7	4304.7	4309.4	4337.3	4281.4
35°	4220.8	4206.9	4220.8	4216.2	4220.8	4206.9	4183.6	4178.9	4160.3	4192.9	4150.9
37.5°	4053.1	4039.1	4053.1	4053.1	4053.1	4062.5	4043.8	4029.9	4001.9	4043.8	4011.2
40°	3880.7	3862.1	3880.7	3876.1	3880.7	3890.1	3880.7	3871.5	3843.5	3876.1	3848.2
42.5°	3685.1	3680.4	3685.1	3689.8	3689.8	3708.4	3722.4	3703.7	3694.4	3671.1	3689.8
45°	3475.4	3466.1	3475.4	3484.8	3489.4	3498.7	3540.7	3540.7	3526.7	3489.4	3517.3
47.5°	3251.9	3228.5	3251.9	3279.8	3279.8	3293.8	3335.6	3368.3	3345.0	3298.4	3312.4
50°	3014.3	3018.8	3014.3	3032.9	3032.9	3084.1	3116.7	3149.3	3172.7	3116.7	3051.5
52.5°	2781.3	2776.7	2781.3	2795.3	2813.9	2837.1	2893.1	2925.7	2963.0	2930.4	2827.9
55°	2548.3	2557.7	2548.3	2553.0	2562.3	2576.3	2660.1	2692.8	2762.6	2720.7	2613.6
57.5°	2315.4	2301.4	2315.4	2324.7	2329.4	2343.3	2413.3	2473.8	2515.8	2520.4	2390.0
60°	2045.2	2026.5	2045.2	2087.1	2096.5	2105.7	2171.0	2226.9	2264.1	2278.2	2143.0
62.5°	1807.6	1775.0	1807.6	1835.6	1854.2	1877.5	1924.0	2007.9	2040.5	2045.2	1854.2
65°	1556.0	1542.1	1556.0	1611.9	1616.6	1644.5	1695.8	1756.4	1826.2	1816.9	1542.1
67.5°	1327.7	1327.7	1327.7	1365.0	1393.0	1406.9	1472.2	1500.2	1588.6	1598.0	1285.8
70°	1118.1	1113.4	1118.1	1146.0	1164.6	1197.3	1257.9	1290.5	1360.4	1383.6	1043.6
72.5°	917.8	913.1	917.8	941.1	959.7	987.6	1038.9	1076.2	1136.7	1164.6	810.6
75°	740.8	731.4	740.8	759.4	754.7	792.0	833.9	871.2	927.1	945.7	601.0
77.5°	568.3	568.3	568.3	587.0	587.0	624.3	642.9	689.5	722.1	750.0	442.6
80°	424.0	419.3	424.0	428.6	428.6	447.3	479.9	512.4	540.4	540.4	302.8
82.5°	298.2	288.8	298.2	298.2	298.2	307.5	326.1	335.4	354.0	368.1	191.0
85°	186.4	186.4	186.4	191.0	186.4	195.7	200.3	209.6	209.6	200.3	116.5
87.5°	121.1	116.5	121.1	116.5	116.5	111.8	111.8	111.8	107.2	102.5	65.2
90°	10.5	10.5	10.5	10.5	10.5	13.9	18.6	20.9	18.0	12.1	7.7
92.5°	42.0	33.7	42.0	50.3	52.4	74.2	103.4	118.0	103.6	74.8	53.2
95°	146.3	121.0	146.3	171.5	177.8	233.6	307.8	345.0	291.4	184.1	103.7
97.5°	350.6	302.5	350.6	398.6	410.6	445.8	492.7	516.2	426.8	248.0	113.9
100°	505.1	447.8	505.1	562.3	576.6	574.0	570.6	568.9	469.7	271.3	122.4
102.5°	657.0	608.0	657.0	706.0	718.3	673.4	613.7	583.7	483.2	281.9	131.0
105°	850.8	824.5	850.8	877.1	883.7	783.2	649.1	582.1	484.6	289.8	143.6
107.5°	977.8	984.1	977.8	971.4	969.8	829.5	642.5	549.0	463.1	291.3	162.4
110°	1026.2	1053.6	1026.2	998.7	991.8	835.0	626.0	521.4	444.0	289.1	172.9



TEST NUMBER: P934156

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1030.5	1072.6	1030.5	988.4	977.8	817.3	603.4	496.4	427.3	289.2	185.6
115°	1003.1	1061.6	1003.1	944.7	930.1	775.5	569.3	466.3	408.1	291.8	204.6
117.5°	945.2	1010.0	945.2	880.4	864.2	724.7	538.7	445.6	396.2	297.2	223.1
120°	898.5	961.5	898.5	835.6	819.8	692.3	522.3	437.3	392.0	301.6	233.8
122.5°	853.1	915.2	853.1	790.9	775.4	660.6	507.5	430.9	389.9	308.0	246.5
125°	788.1	845.4	788.1	730.9	716.6	619.1	489.0	424.1	388.3	316.6	262.8
127.5°	729.8	778.1	729.8	681.6	669.5	585.8	474.1	418.3	387.3	325.1	278.5
130°	695.5	740.1	695.5	650.9	639.7	565.2	465.8	416.1	387.8	331.4	289.0
132.5°	664.3	704.2	664.3	624.4	614.4	547.7	458.7	414.2	388.3	336.4	297.5
135°	621.6	656.0	621.6	587.1	578.5	522.6	448.1	410.9	387.9	341.9	307.4
137.5°	587.2	615.5	587.2	559.1	552.0	504.7	441.8	410.3	390.3	350.2	320.1
140°	563.7	590.1	563.7	537.4	530.8	490.0	435.5	408.4	390.7	355.2	328.7
142.5°	544.3	567.0	544.3	521.6	515.9	480.0	432.2	408.4	392.0	359.5	335.1
145°	515.0	532.2	515.0	497.8	493.5	464.3	425.2	405.6	392.0	365.0	344.7
147.5°	492.6	506.8	492.6	478.4	474.8	451.8	421.0	405.6	394.8	373.0	356.8
150°	478.5	490.0	478.5	466.9	464.1	444.6	418.7	405.6	396.2	377.3	363.1
152.5°	466.4	475.1	466.4	457.7	455.5	438.9	416.7	405.6	397.1	380.0	367.3
155°	452.5	458.3	452.5	446.8	445.4	432.1	414.4	405.6	399.1	386.1	376.3
157.5°	441.6	445.6	441.6	437.5	436.5	426.2	412.5	405.6	401.1	392.2	385.5
160°	435.0	437.3	435.0	432.6	432.1	423.2	411.5	405.6	402.0	395.0	389.7
162.5°	430.7	432.9	430.7	428.5	427.9	420.5	410.6	405.6	403.1	397.9	394.1
165°	424.5	426.8	424.5	422.1	421.6	416.3	409.2	405.6	404.4	402.1	400.4
167.5°	420.0	421.0	420.0	419.1	418.8	415.3	410.7	408.4	407.4	405.4	404.0
170°	418.8	418.8	418.8	418.8	418.8	415.3	410.7	408.4	408.3	408.2	408.1
172.5°	415.5	414.7	415.5	416.4	416.6	413.9	410.2	408.4	408.4	408.4	408.4
175°	413.6	413.6	413.6	413.6	413.6	411.9	409.6	408.4	408.9	410.0	410.9
177.5°	411.9	410.9	411.9	412.8	413.1	411.7	409.8	408.9	409.4	410.2	410.9
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P934156

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4994.2	4966.3	4966.3	4919.7	4901.0	4887.1	4863.8	4793.9	4775.2	4756.6	4784.6
5°	5036.1	4984.9	4947.6	4863.8	4793.9	4766.0	4677.4	4509.6	4397.9	4314.0	4267.5
7.5°	5045.5	4980.2	4910.3	4779.9	4612.2	4537.6	4267.5	3959.9	3876.1	3801.6	3754.9
10°	5036.1	4961.6	4863.8	4668.1	4272.1	4141.6	3871.5	3671.1	3619.8	3605.9	3619.8
12.5°	5003.5	4933.6	4798.5	4472.4	3918.0	3829.5	3671.1	3554.6	3545.3	3568.6	3694.4
15°	4947.6	4882.4	4724.0	4211.5	3722.4	3657.1	3545.3	3503.4	3554.6	3717.7	4095.0
17.5°	4891.7	4817.2	4621.5	3955.3	3573.3	3526.7	3447.5	3531.4	3820.2	4039.1	4165.0
20°	4817.2	4728.6	4505.1	3769.0	3466.1	3424.2	3386.9	3764.3	3983.3	4062.5	4132.3
22.5°	4728.6	4635.5	4346.7	3638.5	3354.4	3321.7	3345.0	3894.7	3983.3	4039.1	4099.7
25°	4612.2	4533.0	4160.3	3536.0	3265.8	3228.5	3317.0	3880.7	3932.0	3946.0	4067.1
27.5°	4505.1	4402.5	3964.6	3442.8	3158.6	3144.7	3340.3	3820.2	3857.4	3871.5	4001.9
30°	4374.6	4220.8	3745.7	3345.0	3046.8	3042.2	3345.0	3745.7	3736.3	3773.6	3904.1
32.5°	4239.5	3950.7	3498.7	3223.9	2939.7	2935.1	3312.4	3633.8	3624.5	3675.7	3773.6
35°	4113.7	3741.0	3163.3	3084.1	2804.6	2809.2	3233.2	3503.4	3508.1	3554.6	3615.2
37.5°	3983.3	3559.3	2795.3	2930.4	2674.2	2674.2	3126.0	3382.3	3373.0	3386.9	3470.8
40°	3829.5	3275.1	2469.2	2730.1	2553.0	2539.0	2995.6	3251.9	3219.2	3214.6	3331.0
42.5°	3666.5	2963.0	2226.9	2464.5	2413.3	2394.6	2837.1	3093.5	3032.9	3046.8	3195.9
45°	3489.4	2879.1	2040.5	2082.4	2268.8	2254.9	2664.8	2911.8	2869.8	2907.1	3060.8
47.5°	3312.4	2711.4	1980.0	1728.4	2115.1	2110.4	2473.8	2734.7	2711.4	2748.7	2911.8
50°	3070.1	2525.0	1975.3	1481.5	1942.7	1961.3	2245.5	2562.3	2562.3	2595.0	2767.3
52.5°	2757.9	2296.8	1793.6	1341.8	1742.3	1798.3	2045.2	2413.3	2422.5	2455.2	2608.9
55°	2473.8	2059.2	1663.1	1234.6	1504.7	1625.9	1849.5	2259.5	2278.2	2310.8	2450.5
57.5°	2212.9	1714.4	1635.2	1108.8	1285.8	1402.3	1677.2	2110.4	2119.8	2147.7	2282.8
60°	1933.4	1239.3	1500.2	973.7	1094.8	1183.4	1518.8	1933.4	1966.0	1984.6	2101.1
62.5°	1616.6	899.2	1360.4	880.5	1001.7	1020.3	1388.3	1765.6	1807.6	1821.5	1891.5
65°	1150.7	754.7	1155.4	801.3	903.8	908.4	1248.5	1593.3	1630.6	1653.9	1705.1
67.5°	778.0	614.9	880.5	726.7	829.2	833.9	1113.4	1393.0	1444.2	1462.9	1495.5
70°	540.4	409.9	652.2	647.5	745.4	754.7	969.0	1211.3	1257.9	1271.8	1290.5
72.5°	396.0	330.7	540.4	582.4	656.9	666.2	820.0	1006.3	1052.9	1066.8	1076.2
75°	302.8	349.4	437.9	507.8	559.1	563.7	670.8	820.0	852.5	861.9	866.5
77.5°	242.3	326.1	321.5	409.9	456.6	447.3	526.5	633.6	661.6	661.6	661.6
80°	181.7	256.2	242.3	293.5	335.4	326.1	377.4	451.9	461.2	470.5	465.9
82.5°	135.1	163.1	163.1	186.4	223.6	214.3	251.5	293.5	293.5	293.5	302.8
85°	83.9	93.1	74.5	97.8	125.8	121.1	139.8	158.4	163.1	163.1	153.7
87.5°	51.2	41.9	23.3	37.3	55.9	55.9	65.2	69.8	65.2	65.2	65.2
90°	7.2	5.0	2.8	5.0	7.2	7.7	12.1	18.0	20.9	18.6	13.9
92.5°	48.5	29.7	11.0	29.7	48.5	53.2	74.8	103.6	118.0	103.4	74.2
95°	95.1	60.8	26.4	60.8	95.1	103.7	184.1	291.4	345.0	307.8	233.6
97.5°	106.4	76.1	45.8	76.1	106.4	113.9	248.0	426.8	516.2	492.7	445.8
100°	115.5	88.1	60.7	88.1	115.5	122.4	271.3	469.7	568.9	570.6	574.0
102.5°	124.5	98.9	73.3	98.9	124.5	131.0	281.9	483.2	583.7	613.7	673.4
105°	138.2	116.5	94.9	116.5	138.2	143.6	289.8	484.6	582.1	649.1	783.2
107.5°	157.4	137.1	116.9	137.1	157.4	162.4	291.3	463.1	549.0	642.5	829.5
110°	168.3	150.0	131.8	150.0	168.3	172.9	289.1	444.0	521.4	626.0	835.0



TEST NUMBER: P934156

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	181.2	163.8	146.5	163.8	181.2	185.6	289.2	427.3	496.4	603.4	817.3
115°	200.6	184.5	168.5	184.5	200.6	204.6	291.8	408.1	466.3	569.3	775.5
117.5°	219.4	204.8	190.2	204.8	219.4	223.1	297.2	396.2	445.6	538.7	724.7
120°	230.4	216.7	202.9	216.7	230.4	233.8	301.6	392.0	437.3	522.3	692.3
122.5°	243.0	229.2	215.4	229.2	243.0	246.5	308.0	389.9	430.9	507.5	660.6
125°	259.7	247.0	234.4	247.0	259.7	262.8	316.6	388.3	424.1	489.0	619.1
127.5°	275.3	262.6	249.8	262.6	275.3	278.5	325.1	387.3	418.3	474.1	585.8
130°	285.6	271.8	258.1	271.8	285.6	289.0	331.4	387.8	416.1	465.8	565.2
132.5°	294.1	280.4	266.7	280.4	294.1	297.5	336.4	388.3	414.2	458.7	547.7
135°	304.3	291.8	279.3	291.8	304.3	307.4	341.9	387.9	410.9	448.1	522.6
137.5°	317.0	304.7	292.3	304.7	317.0	320.1	350.2	390.3	410.3	441.8	504.7
140°	325.9	314.4	303.0	314.4	325.9	328.7	355.2	390.7	408.4	435.5	490.0
142.5°	332.4	321.8	311.3	321.8	332.4	335.1	359.5	392.0	408.4	432.2	480.0
145°	342.4	333.2	324.0	333.2	342.4	344.7	365.0	392.0	405.6	425.2	464.3
147.5°	354.6	345.6	336.7	345.6	354.6	356.8	373.0	394.8	405.6	421.0	451.8
150°	361.1	353.0	345.0	353.0	361.1	363.1	377.3	396.2	405.6	418.7	444.6
152.5°	365.7	359.6	353.5	359.6	365.7	367.3	380.0	397.1	405.6	416.7	438.9
155°	375.2	370.7	366.2	370.7	375.2	376.3	386.1	399.1	405.6	414.4	432.1
157.5°	384.4	379.9	375.5	379.9	384.4	385.5	392.2	401.1	405.6	412.5	426.2
160°	388.8	385.3	381.9	385.3	388.8	389.7	395.0	402.0	405.6	411.5	423.2
162.5°	393.4	390.8	388.3	390.8	393.4	394.1	397.9	403.1	405.6	410.6	420.5
165°	399.8	397.5	395.2	397.5	399.8	400.4	402.1	404.4	405.6	409.2	416.3
167.5°	403.7	402.6	401.5	402.6	403.7	404.0	405.4	407.4	408.4	410.7	415.3
170°	407.8	406.7	405.6	406.7	407.8	408.1	408.2	408.3	408.4	410.7	415.3
172.5°	408.3	408.1	407.8	408.1	408.3	408.4	408.4	408.4	408.4	410.2	413.9
175°	410.9	410.9	410.9	410.9	410.9	410.9	410.0	408.9	408.4	409.6	411.9
177.5°	410.9	410.9	410.9	410.9	410.9	410.9	410.2	409.4	408.9	409.8	411.7
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P934156
 CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4751.9	4738.0	4756.6	4705.4	4756.6	4738.0	4751.9	4784.6	4756.6	4775.2	4793.9
5°	4169.6	4146.3	4071.7	4011.2	4071.7	4146.3	4169.6	4267.5	4314.0	4397.9	4509.6
7.5°	3727.0	3708.4	3689.8	3652.5	3689.8	3708.4	3727.0	3754.9	3801.6	3876.1	3959.9
10°	3629.2	3633.8	3661.8	3657.1	3661.8	3633.8	3629.2	3619.8	3605.9	3619.8	3671.1
12.5°	3880.7	3922.7	4076.4	4067.1	4076.4	3922.7	3880.7	3694.4	3568.6	3545.3	3554.6
15°	4169.6	4183.6	4216.2	4220.8	4216.2	4183.6	4169.6	4095.0	3717.7	3554.6	3503.4
17.5°	4197.5	4202.2	4225.5	4225.5	4225.5	4202.2	4197.5	4165.0	4039.1	3820.2	3531.4
20°	4174.2	4183.6	4230.2	4239.5	4230.2	4183.6	4174.2	4132.3	4062.5	3983.3	3764.3
22.5°	4165.0	4183.6	4220.8	4216.2	4220.8	4183.6	4165.0	4099.7	4039.1	3983.3	3894.7
25°	4118.3	4118.3	4123.0	4127.7	4123.0	4118.3	4118.3	4067.1	3946.0	3932.0	3880.7
27.5°	4020.5	4029.9	4057.8	4053.1	4057.8	4029.9	4020.5	4001.9	3871.5	3857.4	3820.2
30°	3932.0	3922.7	3899.4	3880.7	3899.4	3922.7	3932.0	3904.1	3773.6	3736.3	3745.7
32.5°	3782.9	3759.6	3736.3	3722.4	3736.3	3759.6	3782.9	3773.6	3675.7	3624.5	3633.8
35°	3605.9	3610.6	3605.9	3591.9	3605.9	3610.6	3605.9	3615.2	3554.6	3508.1	3503.4
37.5°	3480.1	3489.4	3484.8	3466.1	3484.8	3489.4	3480.1	3470.8	3386.9	3373.0	3382.3
40°	3349.7	3354.4	3349.7	3335.6	3349.7	3354.4	3349.7	3331.0	3214.6	3219.2	3251.9
42.5°	3223.9	3219.2	3205.2	3195.9	3205.2	3219.2	3223.9	3195.9	3046.8	3032.9	3093.5
45°	3079.4	3084.1	3056.1	3042.2	3056.1	3084.1	3079.4	3060.8	2907.1	2869.8	2911.8
47.5°	2935.1	2935.1	2911.8	2897.7	2911.8	2935.1	2935.1	2911.8	2748.7	2711.4	2734.7
50°	2781.3	2776.7	2744.0	2739.3	2744.0	2776.7	2781.3	2767.3	2595.0	2562.3	2562.3
52.5°	2604.2	2604.2	2608.9	2618.2	2608.9	2604.2	2604.2	2608.9	2455.2	2422.5	2413.3
55°	2450.5	2455.2	2487.8	2497.1	2487.8	2455.2	2450.5	2450.5	2310.8	2278.2	2259.5
57.5°	2292.1	2292.1	2315.4	2315.4	2315.4	2292.1	2292.1	2282.8	2147.7	2119.8	2110.4
60°	2110.4	2119.8	2138.4	2133.7	2138.4	2119.8	2110.4	2101.1	1984.6	1966.0	1933.4
62.5°	1919.5	1928.7	1933.4	1924.0	1933.4	1928.7	1919.5	1891.5	1821.5	1807.6	1765.6
65°	1719.1	1728.4	1733.1	1723.7	1733.1	1728.4	1719.1	1705.1	1653.9	1630.6	1593.3
67.5°	1514.1	1509.4	1504.7	1523.4	1504.7	1509.4	1514.1	1495.5	1462.9	1444.2	1393.0
70°	1304.4	1304.4	1299.8	1309.1	1299.8	1304.4	1304.4	1290.5	1271.8	1257.9	1211.3
72.5°	1080.9	1076.2	1094.8	1080.9	1094.8	1076.2	1080.9	1076.2	1066.8	1052.9	1006.3
75°	861.9	871.2	861.9	875.8	861.9	871.2	861.9	866.5	861.9	852.5	820.0
77.5°	656.9	666.2	656.9	656.9	656.9	666.2	656.9	661.6	661.6	661.6	633.6
80°	465.9	461.2	461.2	456.6	461.2	461.2	465.9	465.9	470.5	461.2	451.9
82.5°	298.2	293.5	293.5	302.8	293.5	293.5	298.2	302.8	293.5	293.5	293.5
85°	163.1	167.8	158.4	158.4	158.4	167.8	163.1	153.7	163.1	163.1	158.4
87.5°	60.6	55.9	55.9	55.9	55.9	55.9	60.6	65.2	65.2	65.2	69.8
90°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	13.9	18.6	20.9	18.0
92.5°	52.4	50.3	42.0	33.7	42.0	50.3	52.4	74.2	103.4	118.0	103.6
95°	177.8	171.5	146.3	121.0	146.3	171.5	177.8	233.6	307.8	345.0	291.4
97.5°	410.6	398.6	350.6	302.5	350.6	398.6	410.6	445.8	492.7	516.2	426.8
100°	576.6	562.3	505.1	447.8	505.1	562.3	576.6	574.0	570.6	568.9	469.7
102.5°	718.3	706.0	657.0	608.0	657.0	706.0	718.3	673.4	613.7	583.7	483.2
105°	883.7	877.1	850.8	824.5	850.8	877.1	883.7	783.2	649.1	582.1	484.6
107.5°	969.8	971.4	977.8	984.1	977.8	971.4	969.8	829.5	642.5	549.0	463.1
110°	991.8	998.7	1026.2	1053.6	1026.2	998.7	991.8	835.0	626.0	521.4	444.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	977.8	988.4	1030.5	1072.6	1030.5	988.4	977.8	817.3	603.4	496.4	427.3
115°	930.1	944.7	1003.1	1061.6	1003.1	944.7	930.1	775.5	569.3	466.3	408.1
117.5°	864.2	880.4	945.2	1010.0	945.2	880.4	864.2	724.7	538.7	445.6	396.2
120°	819.8	835.6	898.5	961.5	898.5	835.6	819.8	692.3	522.3	437.3	392.0
122.5°	775.4	790.9	853.1	915.2	853.1	790.9	775.4	660.6	507.5	430.9	389.9
125°	716.6	730.9	788.1	845.4	788.1	730.9	716.6	619.1	489.0	424.1	388.3
127.5°	669.5	681.6	729.8	778.1	729.8	681.6	669.5	585.8	474.1	418.3	387.3
130°	639.7	650.9	695.5	740.1	695.5	650.9	639.7	565.2	465.8	416.1	387.8
132.5°	614.4	624.4	664.3	704.2	664.3	624.4	614.4	547.7	458.7	414.2	388.3
135°	578.5	587.1	621.6	656.0	621.6	587.1	578.5	522.6	448.1	410.9	387.9
137.5°	552.0	559.1	587.2	615.5	587.2	559.1	552.0	504.7	441.8	410.3	390.3
140°	530.8	537.4	563.7	590.1	563.7	537.4	530.8	490.0	435.5	408.4	390.7
142.5°	515.9	521.6	544.3	567.0	544.3	521.6	515.9	480.0	432.2	408.4	392.0
145°	493.5	497.8	515.0	532.2	515.0	497.8	493.5	464.3	425.2	405.6	392.0
147.5°	474.8	478.4	492.6	506.8	492.6	478.4	474.8	451.8	421.0	405.6	394.8
150°	464.1	466.9	478.5	490.0	478.5	466.9	464.1	444.6	418.7	405.6	396.2
152.5°	455.5	457.7	466.4	475.1	466.4	457.7	455.5	438.9	416.7	405.6	397.1
155°	445.4	446.8	452.5	458.3	452.5	446.8	445.4	432.1	414.4	405.6	399.1
157.5°	436.5	437.5	441.6	445.6	441.6	437.5	436.5	426.2	412.5	405.6	401.1
160°	432.1	432.6	435.0	437.3	435.0	432.6	432.1	423.2	411.5	405.6	402.0
162.5°	427.9	428.5	430.7	432.9	430.7	428.5	427.9	420.5	410.6	405.6	403.1
165°	421.6	422.1	424.5	426.8	424.5	422.1	421.6	416.3	409.2	405.6	404.4
167.5°	418.8	419.1	420.0	421.0	420.0	419.1	418.8	415.3	410.7	408.4	407.4
170°	418.8	418.8	418.8	418.8	418.8	418.8	418.8	415.3	410.7	408.4	408.3
172.5°	416.6	416.4	415.5	414.7	415.5	416.4	416.6	413.9	410.2	408.4	408.4
175°	413.6	413.6	413.6	413.6	413.6	413.6	413.6	411.9	409.6	408.4	408.9
177.5°	413.1	412.8	411.9	410.9	411.9	412.8	413.1	411.7	409.8	408.9	409.4
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P934156

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4924.4	4924.4	4924.4	4924.4	4924.4
2.5°	4863.8	4887.1	4901.0	4919.7	4966.3
5°	4677.4	4766.0	4793.9	4863.8	4947.6
7.5°	4267.5	4537.6	4612.2	4779.9	4910.3
10°	3871.5	4141.6	4272.1	4668.1	4863.8
12.5°	3671.1	3829.5	3918.0	4472.4	4798.5
15°	3545.3	3657.1	3722.4	4211.5	4724.0
17.5°	3447.5	3526.7	3573.3	3955.3	4621.5
20°	3386.9	3424.2	3466.1	3769.0	4505.1
22.5°	3345.0	3321.7	3354.4	3638.5	4346.7
25°	3317.0	3228.5	3265.8	3536.0	4160.3
27.5°	3340.3	3144.7	3158.6	3442.8	3964.6
30°	3345.0	3042.2	3046.8	3345.0	3745.7
32.5°	3312.4	2935.1	2939.7	3223.9	3498.7
35°	3233.2	2809.2	2804.6	3084.1	3163.3
37.5°	3126.0	2674.2	2674.2	2930.4	2795.3
40°	2995.6	2539.0	2553.0	2730.1	2469.2
42.5°	2837.1	2394.6	2413.3	2464.5	2226.9
45°	2664.8	2254.9	2268.8	2082.4	2040.5
47.5°	2473.8	2110.4	2115.1	1728.4	1980.0
50°	2245.5	1961.3	1942.7	1481.5	1975.3
52.5°	2045.2	1798.3	1742.3	1341.8	1793.6
55°	1849.5	1625.9	1504.7	1234.6	1663.1
57.5°	1677.2	1402.3	1285.8	1108.8	1635.2
60°	1518.8	1183.4	1094.8	973.7	1500.2
62.5°	1388.3	1020.3	1001.7	880.5	1360.4
65°	1248.5	908.4	903.8	801.3	1155.4
67.5°	1113.4	833.9	829.2	726.7	880.5
70°	969.0	754.7	745.4	647.5	652.2
72.5°	820.0	666.2	656.9	582.4	540.4
75°	670.8	563.7	559.1	507.8	437.9
77.5°	526.5	447.3	456.6	409.9	321.5
80°	377.4	326.1	335.4	293.5	242.3
82.5°	251.5	214.3	223.6	186.4	163.1
85°	139.8	121.1	125.8	97.8	74.5
87.5°	65.2	55.9	55.9	37.3	23.3
90°	12.1	7.7	7.2	5.0	2.8
92.5°	74.8	53.2	48.5	29.7	11.0
95°	184.1	103.7	95.1	60.8	26.4
97.5°	248.0	113.9	106.4	76.1	45.8
100°	271.3	122.4	115.5	88.1	60.7
102.5°	281.9	131.0	124.5	98.9	73.3
105°	289.8	143.6	138.2	116.5	94.9
107.5°	291.3	162.4	157.4	137.1	116.9
110°	289.1	172.9	168.3	150.0	131.8



TEST NUMBER: P934156
 CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	289.2	185.6	181.2	163.8	146.5
115°	291.8	204.6	200.6	184.5	168.5
117.5°	297.2	223.1	219.4	204.8	190.2
120°	301.6	233.8	230.4	216.7	202.9
122.5°	308.0	246.5	243.0	229.2	215.4
125°	316.6	262.8	259.7	247.0	234.4
127.5°	325.1	278.5	275.3	262.6	249.8
130°	331.4	289.0	285.6	271.8	258.1
132.5°	336.4	297.5	294.1	280.4	266.7
135°	341.9	307.4	304.3	291.8	279.3
137.5°	350.2	320.1	317.0	304.7	292.3
140°	355.2	328.7	325.9	314.4	303.0
142.5°	359.5	335.1	332.4	321.8	311.3
145°	365.0	344.7	342.4	333.2	324.0
147.5°	373.0	356.8	354.6	345.6	336.7
150°	377.3	363.1	361.1	353.0	345.0
152.5°	380.0	367.3	365.7	359.6	353.5
155°	386.1	376.3	375.2	370.7	366.2
157.5°	392.2	385.5	384.4	379.9	375.5
160°	395.0	389.7	388.8	385.3	381.9
162.5°	397.9	394.1	393.4	390.8	388.3
165°	402.1	400.4	399.8	397.5	395.2
167.5°	405.4	404.0	403.7	402.6	401.5
170°	408.2	408.1	407.8	406.7	405.6
172.5°	408.4	408.4	408.3	408.1	407.8
175°	410.0	410.9	410.9	410.9	410.9
177.5°	410.2	410.9	410.9	410.9	410.9
180°	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P934156
 CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-5000K

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	16.88	18.14	17.50	18.77	19.48	19.74	21.00	20.35	21.62	22.33
	3H	17.39	18.52	18.02	19.16	19.91	21.12	22.25	21.75	22.88	23.63
	4H	17.60	18.67	18.25	19.31	20.08	21.58	22.65	22.23	23.30	24.06
	6H	17.74	18.72	18.40	19.38	20.16	21.89	22.88	22.56	23.54	24.31
	8H	17.75	18.69	18.42	19.37	20.15	21.98	22.92	22.66	23.60	24.38
	12H	17.73	18.63	18.41	19.31	20.11	22.04	22.94	22.72	23.61	24.42
4H	2H	17.97	19.04	18.62	19.68	20.44	20.19	21.26	20.84	21.91	22.67
	3H	19.03	19.92	19.70	20.61	21.39	21.74	22.63	22.40	23.32	24.10
	4H	19.32	20.13	20.01	20.82	21.63	22.29	23.09	22.97	23.79	24.60
	6H	19.47	20.17	20.17	20.89	21.71	22.68	23.38	23.38	24.10	24.92
	8H	19.49	20.14	20.19	20.85	21.69	22.80	23.45	23.51	24.17	25.00
	12H	19.47	20.06	20.20	20.80	21.64	22.88	23.47	23.61	24.21	25.04
8H	4H	19.81	20.47	20.52	21.18	22.01	22.44	23.10	23.15	23.81	24.64
	6H	20.09	20.63	20.83	21.39	22.23	22.90	23.44	23.64	24.20	25.04
	8H	20.14	20.62	20.89	21.38	22.23	23.06	23.54	23.81	24.30	25.15
	12H	20.14	20.57	20.89	21.31	22.23	23.18	23.61	23.93	24.36	25.27
12H	4H	19.84	20.43	20.57	21.17	22.00	22.43	23.01	23.15	23.75	24.59
	6H	20.16	20.64	20.91	21.40	22.25	22.90	23.39	23.65	24.15	25.00
	8H	20.24	20.67	20.99	21.42	22.33	23.09	23.51	23.84	24.26	25.17