

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: P934127

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934127
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-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

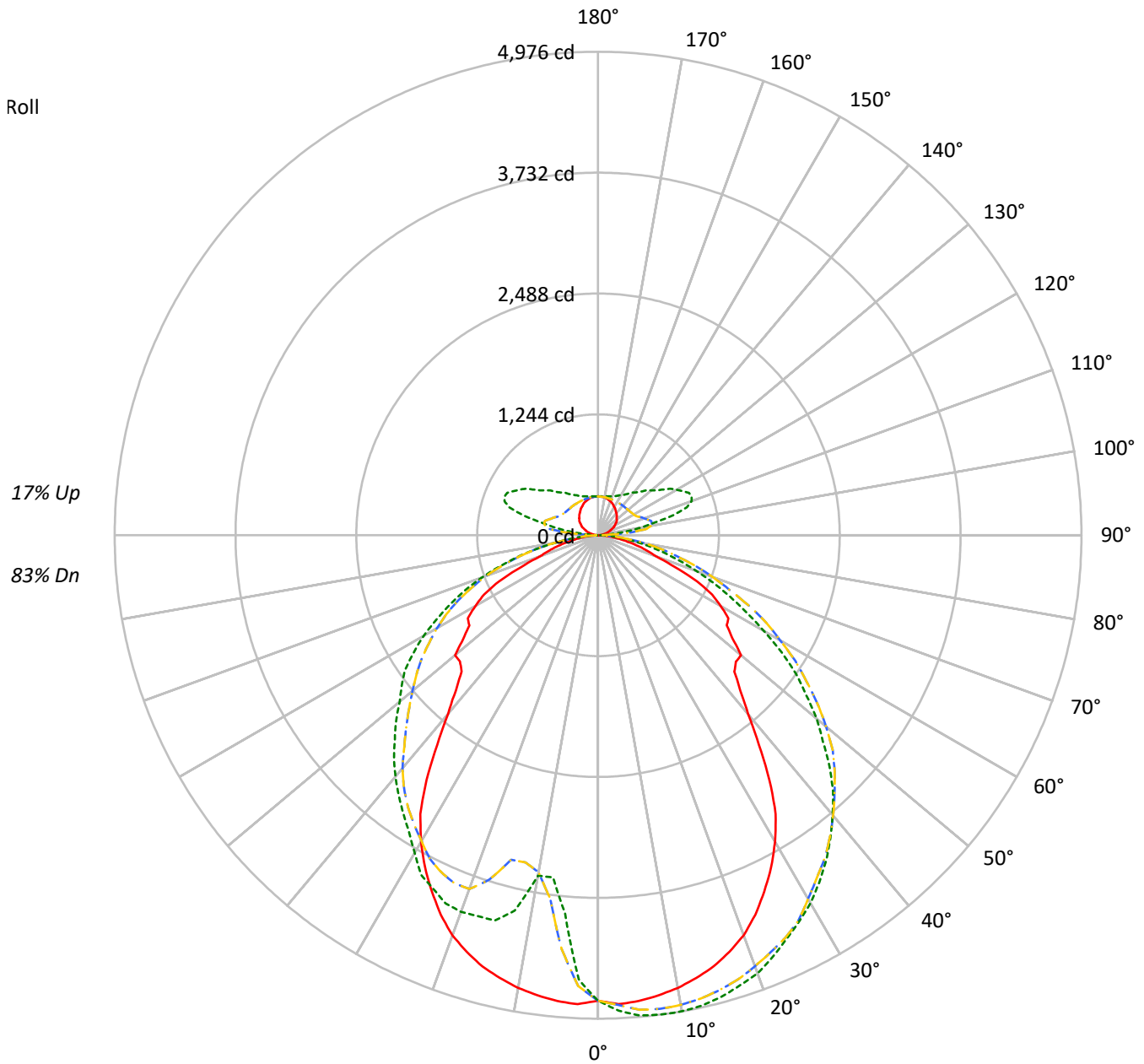
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15011.2 lumens
Efficiency: N/A
Efficacy: 100.9 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°	14815	14815	14815	14815
5°	14931	14955	14931	11759
10°	14837	14732	14837	10532
15°	14681	14412	14681	12035
20°	14380	14034	14380	12060
25°	13757	13483	13757	11804
30°	12950	13025	12950	11243
35°	11551	12446	11551	10627
40°	9630	11764	9630	10161
45°	8610	10966	8610	9625
50°	9155	10014	9155	9087
55°	8621	8989	8621	8776
60°	8898	7634	8898	8038
65°	8081	6311	8081	7054
70°	5609	5029	5609	5913
75°	4937	3718	4937	4452
80°	4009	2458	4009	2676
85°	2349	1302	2349	1107

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13188 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.4	2.9
10°-20°	1227.6	8.2
20°-30°	1897.6	12.6
30°-40°	2265.4	15.1
40°-50°	2278.7	15.2
50°-60°	1982.7	13.2
60°-70°	1405.8	9.4
70°-80°	743.7	5.0
80°-90°	186.8	1.2
90°-100°	194.8	1.3
100°-110°	512.1	3.4
110°-120°	531.0	3.5
120°-130°	426.0	2.8
130°-140°	334.2	2.2
140°-150°	256.5	1.7
150°-160°	184.7	1.2
160°-170°	113.0	0.8
170°-180°	38.2	0.3
0°-30°	3557.6	23.7
0°-40°	5822.9	38.8
0°-60°	10084.3	67.2
0°-90°	12420.6	82.7
90°-120°	1238.0	8.2
90°-150°	2254.7	15.0
90°-180°	2591.0	17.3
0°-180°	15011.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4790	4790	4790	4790	4790	
5°	4812	4962	4812	3902	4812	457
15°	4595	4917	4595	4106	4595	1293
25°	4047	4586	4047	4015	4047	1858
35°	3077	4092	3077	3494	3077	1904
45°	1985	3371	1985	2959	1985	1590
55°	1618	2488	1618	2429	1618	1487
65°	1124	1500	1124	1677	1124	1074
75°	426	711	426	852	426	448
85°	72	181	72	154	72	98
90°	3	10	3	10	3	5
95°	26	118	26	118	26	29
105°	92	802	92	802	92	98
115°	164	1033	164	1033	164	162
125°	228	822	228	822	228	202
135°	272	638	272	638	272	210
145°	315	518	315	518	315	197
155°	356	446	356	446	356	164
165°	384	415	384	415	384	108
175°	400	402	400	402	400	38
180°	400	400	400	400	400	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4830.6	4830.6	4857.7	4866.8	4866.8	4853.2	4839.6	4853.2	4894.0	4907.6	4903.1
5°	4812.4	4848.7	4898.5	4907.6	4916.6	4912.1	4903.1	4912.1	4957.4	4966.5	4971.0
7.5°	4776.1	4844.2	4907.6	4921.2	4934.8	4921.2	4916.6	4925.7	4971.0	4980.1	4980.1
10°	4730.9	4826.0	4898.5	4907.6	4921.2	4907.6	4907.6	4925.7	4971.0	4980.1	4984.7
12.5°	4667.4	4798.8	4866.8	4875.8	4894.0	4889.4	4885.0	4903.1	4948.3	4957.4	4957.4
15°	4594.9	4749.0	4812.4	4821.5	4853.2	4844.2	4844.2	4862.3	4912.1	4925.7	4921.2
17.5°	4495.2	4685.5	4758.0	4771.7	4794.3	4789.8	4794.3	4812.4	4857.7	4866.8	4871.3
20°	4382.0	4599.4	4685.5	4699.1	4721.8	4721.8	4721.8	4744.5	4789.8	4807.9	4807.9
22.5°	4227.9	4508.8	4599.4	4608.5	4635.7	4635.7	4644.7	4676.4	4717.2	4721.8	4721.8
25°	4046.6	4409.1	4486.1	4513.4	4540.6	4554.1	4567.7	4585.8	4599.4	4594.9	4599.4
27.5°	3856.3	4282.3	4382.0	4400.1	4436.3	4449.9	4468.0	4472.6	4477.1	4490.7	4481.7
30°	3643.3	4105.5	4255.0	4273.2	4332.1	4341.2	4323.0	4332.1	4354.7	4363.8	4372.9
32.5°	3403.1	3842.7	4123.6	4164.4	4218.8	4191.7	4187.1	4200.7	4236.9	4236.9	4246.0
35°	3076.9	3638.8	4001.3	4037.5	4078.3	4046.6	4064.7	4069.3	4091.9	4105.5	4101.0
37.5°	2718.9	3462.0	3874.4	3901.6	3933.3	3892.5	3919.8	3933.3	3951.5	3942.3	3942.3
40°	2401.7	3185.6	3724.9	3743.0	3770.2	3738.5	3765.7	3774.7	3783.8	3774.7	3770.2
42.5°	2166.0	2882.0	3566.3	3589.0	3570.8	3593.4	3602.5	3620.6	3607.1	3589.0	3589.0
45°	1984.7	2800.4	3394.1	3421.2	3394.1	3430.3	3443.9	3443.9	3403.1	3394.1	3389.5
47.5°	1925.9	2637.3	3221.9	3221.9	3208.3	3253.6	3276.3	3244.5	3203.8	3190.1	3190.1
50°	1921.4	2456.0	2986.3	2968.1	3031.5	3086.0	3063.3	3031.5	2999.8	2950.0	2950.0
52.5°	1744.6	2234.0	2682.6	2750.6	2850.3	2882.0	2845.8	2814.1	2759.6	2737.0	2718.9
55°	1617.7	2003.0	2406.2	2542.2	2646.4	2687.1	2619.2	2587.4	2505.9	2492.3	2483.3
57.5°	1590.6	1667.6	2152.5	2324.7	2451.5	2447.0	2406.2	2347.3	2279.3	2265.7	2261.2
60°	1459.2	1205.4	1880.6	2084.4	2215.9	2202.3	2166.0	2111.7	2048.2	2039.2	2030.1
62.5°	1323.2	874.6	1572.4	1803.5	1989.3	1984.7	1953.1	1871.5	1826.2	1803.5	1785.4
65°	1123.8	734.1	1119.3	1500.0	1767.3	1776.3	1708.4	1649.5	1599.6	1572.4	1567.9
67.5°	856.5	598.1	756.8	1250.6	1554.3	1545.2	1459.2	1431.9	1368.5	1354.9	1327.7
70°	634.4	398.7	525.7	1015.1	1345.8	1323.2	1255.2	1223.5	1164.6	1132.8	1114.7
72.5°	525.7	321.7	385.2	788.5	1132.8	1105.7	1046.8	1010.5	960.6	933.5	915.4
75°	426.0	339.8	294.6	584.6	919.8	901.7	847.4	811.1	770.3	734.1	738.6
77.5°	312.7	317.2	235.7	430.5	729.5	702.4	670.6	625.4	607.2	571.0	571.0
80°	235.7	249.2	176.7	294.6	525.7	525.7	498.4	466.8	435.1	416.9	416.9
82.5°	158.6	158.6	131.4	185.8	358.0	344.4	326.3	317.2	299.1	290.0	290.0
85°	72.5	90.6	81.6	113.3	194.9	203.9	203.9	194.9	190.3	181.3	185.8
87.5°	22.7	40.8	49.8	63.5	99.7	104.3	108.7	108.7	108.7	113.3	113.3
90°	2.7	4.8	7.0	7.5	11.8	17.5	20.4	18.1	13.6	10.2	10.2
92.5°	10.7	28.9	47.2	51.8	72.7	100.8	114.8	100.6	72.2	51.0	48.9
95°	25.7	59.1	92.5	100.9	179.1	283.4	335.5	299.4	227.2	173.0	166.8
97.5°	44.5	74.0	103.5	110.8	241.2	415.2	502.1	479.2	433.6	399.4	387.7
100°	59.0	85.7	112.4	119.1	263.9	456.8	553.3	555.0	558.3	560.8	546.9
102.5°	71.3	96.2	121.1	127.4	274.2	470.0	567.8	596.9	655.0	698.7	686.7
105°	92.3	113.4	134.4	139.7	281.9	471.4	566.2	631.4	761.8	859.6	853.2
107.5°	113.7	133.4	153.1	158.0	283.3	450.4	534.0	624.9	806.8	943.3	944.8
110°	128.2	145.9	163.7	168.2	281.2	431.8	507.2	608.9	812.2	964.7	971.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	142.5	159.3	176.3	180.5	281.3	415.6	482.8	586.9	795.0	951.1	961.4
115°	163.9	179.5	195.1	199.1	283.9	396.9	453.5	553.8	754.3	904.7	918.9
117.5°	185.0	199.2	213.4	217.0	289.1	385.3	433.5	524.0	704.9	840.6	856.4
120°	197.4	210.7	224.1	227.4	293.4	381.3	425.3	508.0	673.4	797.4	812.7
122.5°	209.5	223.0	236.4	239.8	299.6	379.3	419.2	493.6	642.5	754.2	769.3
125°	228.0	240.3	252.6	255.6	308.0	377.7	412.5	475.7	602.2	697.0	711.0
127.5°	243.0	255.4	267.8	270.9	316.3	376.7	406.9	461.1	569.8	651.2	662.9
130°	251.0	264.4	277.8	281.1	322.3	377.2	404.7	453.1	549.8	622.2	633.1
132.5°	259.4	272.7	286.1	289.4	327.2	377.7	402.8	446.1	532.7	597.6	607.3
135°	271.7	283.9	296.0	299.0	332.6	377.3	399.6	435.9	508.3	562.7	571.1
137.5°	284.3	296.3	308.3	311.3	340.6	379.6	399.1	429.7	490.9	536.9	543.8
140°	294.7	305.8	317.0	319.7	345.5	380.0	397.2	423.6	476.6	516.3	522.7
142.5°	302.8	313.0	323.3	325.9	349.6	381.3	397.2	420.4	466.9	501.8	507.4
145°	315.2	324.1	333.0	335.3	355.0	381.3	394.5	413.6	451.6	480.1	484.2
147.5°	327.5	336.2	344.9	347.1	362.9	384.0	394.5	409.5	439.4	461.8	465.3
150°	335.5	343.4	351.2	353.2	367.0	385.3	394.5	407.2	432.5	451.4	454.2
152.5°	343.8	349.8	355.7	357.2	369.6	386.2	394.5	405.3	426.9	443.1	445.2
155°	356.2	360.5	365.0	366.1	375.5	388.2	394.5	403.1	420.3	433.2	434.6
157.5°	365.3	369.5	373.9	375.0	381.5	390.2	394.5	401.2	414.5	424.5	425.5
160°	371.5	374.8	378.2	379.0	384.2	391.1	394.5	400.3	411.7	420.2	420.8
162.5°	377.7	380.2	382.7	383.3	387.0	392.0	394.5	399.4	409.0	416.2	416.8
165°	384.4	386.6	388.9	389.5	391.1	393.4	394.5	398.0	404.9	410.1	410.6
167.5°	390.5	391.6	392.7	392.9	394.4	396.2	397.2	399.4	404.0	407.4	407.7
170°	394.5	395.6	396.7	396.9	397.0	397.1	397.2	399.4	404.0	407.4	407.4
172.5°	396.7	396.9	397.1	397.2	397.2	397.2	397.2	399.0	402.6	405.2	405.1
175°	399.6	399.6	399.6	399.6	398.8	397.8	397.2	398.4	400.6	402.3	402.3
177.5°	399.6	399.6	399.6	399.6	399.0	398.2	397.8	398.6	400.4	401.8	401.5
180°	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4912.1	4898.5	4912.1	4903.1	4907.6	4894.0	4853.2	4839.6	4853.2	4866.8	4866.8
5°	4971.0	4962.0	4971.0	4971.0	4966.5	4957.4	4912.1	4903.1	4912.1	4916.6	4907.6
7.5°	4989.1	4975.6	4989.1	4980.1	4980.1	4971.0	4925.7	4916.6	4921.2	4934.8	4921.2
10°	4989.1	4975.6	4989.1	4984.7	4980.1	4971.0	4925.7	4907.6	4907.6	4921.2	4907.6
12.5°	4966.5	4957.4	4966.5	4957.4	4957.4	4948.3	4903.1	4885.0	4889.4	4894.0	4875.8
15°	4930.2	4916.6	4930.2	4921.2	4925.7	4912.1	4862.3	4844.2	4844.2	4853.2	4821.5
17.5°	4875.8	4857.7	4875.8	4871.3	4866.8	4857.7	4812.4	4794.3	4789.8	4794.3	4771.7
20°	4812.4	4798.8	4812.4	4807.9	4807.9	4789.8	4744.5	4721.8	4721.8	4721.8	4699.1
22.5°	4712.8	4699.1	4712.8	4721.8	4721.8	4717.2	4676.4	4644.7	4635.7	4635.7	4608.5
25°	4599.4	4585.8	4599.4	4599.4	4594.9	4599.4	4585.8	4567.7	4554.1	4540.6	4513.4
27.5°	4490.7	4481.7	4490.7	4481.7	4490.7	4477.1	4472.6	4468.0	4449.9	4436.3	4400.1
30°	4382.0	4372.9	4382.0	4372.9	4363.8	4354.7	4332.1	4323.0	4341.2	4332.1	4273.2
32.5°	4246.0	4236.9	4246.0	4246.0	4236.9	4236.9	4200.7	4187.1	4191.7	4218.8	4164.4
35°	4105.5	4091.9	4105.5	4101.0	4105.5	4091.9	4069.3	4064.7	4046.6	4078.3	4037.5
37.5°	3942.3	3928.8	3942.3	3942.3	3942.3	3951.5	3933.3	3919.8	3892.5	3933.3	3901.6
40°	3774.7	3756.6	3774.7	3770.2	3774.7	3783.8	3774.7	3765.7	3738.5	3770.2	3743.0
42.5°	3584.4	3579.9	3584.4	3589.0	3589.0	3607.1	3620.6	3602.5	3593.4	3570.8	3589.0
45°	3380.4	3371.4	3380.4	3389.5	3394.1	3403.1	3443.9	3443.9	3430.3	3394.1	3421.2
47.5°	3163.0	3140.3	3163.0	3190.1	3190.1	3203.8	3244.5	3276.3	3253.6	3208.3	3221.9
50°	2931.9	2936.4	2931.9	2950.0	2950.0	2999.8	3031.5	3063.3	3086.0	3031.5	2968.1
52.5°	2705.3	2700.8	2705.3	2718.9	2737.0	2759.6	2814.1	2845.8	2882.0	2850.3	2750.6
55°	2478.7	2487.8	2478.7	2483.3	2492.3	2505.9	2587.4	2619.2	2687.1	2646.4	2542.2
57.5°	2252.2	2238.5	2252.2	2261.2	2265.7	2279.3	2347.3	2406.2	2447.0	2451.5	2324.7
60°	1989.3	1971.2	1989.3	2030.1	2039.2	2048.2	2111.7	2166.0	2202.3	2215.9	2084.4
62.5°	1758.2	1726.5	1758.2	1785.4	1803.5	1826.2	1871.5	1953.1	1984.7	1989.3	1803.5
65°	1513.5	1500.0	1513.5	1567.9	1572.4	1599.6	1649.5	1708.4	1776.3	1767.3	1500.0
67.5°	1291.4	1291.4	1291.4	1327.7	1354.9	1368.5	1431.9	1459.2	1545.2	1554.3	1250.6
70°	1087.6	1083.0	1087.6	1114.7	1132.8	1164.6	1223.5	1255.2	1323.2	1345.8	1015.1
72.5°	892.7	888.2	892.7	915.4	933.5	960.6	1010.5	1046.8	1105.7	1132.8	788.5
75°	720.5	711.4	720.5	738.6	734.1	770.3	811.1	847.4	901.7	919.8	584.6
77.5°	552.8	552.8	552.8	571.0	571.0	607.2	625.4	670.6	702.4	729.5	430.5
80°	412.4	407.8	412.4	416.9	416.9	435.1	466.8	498.4	525.7	525.7	294.6
82.5°	290.0	280.9	290.0	290.0	290.0	299.1	317.2	326.3	344.4	358.0	185.8
85°	181.3	181.3	181.3	185.8	181.3	190.3	194.9	203.9	203.9	194.9	113.3
87.5°	117.8	113.3	117.8	113.3	113.3	108.7	108.7	108.7	104.3	99.7	63.5
90°	10.2	10.2	10.2	10.2	10.2	13.6	18.1	20.4	17.5	11.8	7.5
92.5°	40.9	32.8	40.9	48.9	51.0	72.2	100.6	114.8	100.8	72.7	51.8
95°	142.3	117.7	142.3	166.8	173.0	227.2	299.4	335.5	283.4	179.1	100.9
97.5°	341.0	294.2	341.0	387.7	399.4	433.6	479.2	502.1	415.2	241.2	110.8
100°	491.3	435.6	491.3	546.9	560.8	558.3	555.0	553.3	456.8	263.9	119.1
102.5°	639.0	591.4	639.0	686.7	698.7	655.0	596.9	567.8	470.0	274.2	127.4
105°	827.5	801.9	827.5	853.2	859.6	761.8	631.4	566.2	471.4	281.9	139.7
107.5°	951.1	957.2	951.1	944.8	943.3	806.8	624.9	534.0	450.4	283.3	158.0
110°	998.1	1024.8	998.1	971.4	964.7	812.2	608.9	507.2	431.8	281.2	168.2



TEST NUMBER: P934127

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1002.3	1043.3	1002.3	961.4	951.1	795.0	586.9	482.8	415.6	281.3	180.5
115°	975.7	1032.6	975.7	918.9	904.7	754.3	553.8	453.5	396.9	283.9	199.1
117.5°	919.4	982.4	919.4	856.4	840.6	704.9	524.0	433.5	385.3	289.1	217.0
120°	874.0	935.2	874.0	812.7	797.4	673.4	508.0	425.3	381.3	293.4	227.4
122.5°	829.8	890.2	829.8	769.3	754.2	642.5	493.6	419.2	379.3	299.6	239.8
125°	766.6	822.3	766.6	711.0	697.0	602.2	475.7	412.5	377.7	308.0	255.6
127.5°	709.9	756.9	709.9	662.9	651.2	569.8	461.1	406.9	376.7	316.3	270.9
130°	676.5	719.9	676.5	633.1	622.2	549.8	453.1	404.7	377.2	322.3	281.1
132.5°	646.2	685.0	646.2	607.3	597.6	532.7	446.1	402.8	377.7	327.2	289.4
135°	604.6	638.0	604.6	571.1	562.7	508.3	435.9	399.6	377.3	332.6	299.0
137.5°	571.2	598.7	571.2	543.8	536.9	490.9	429.7	399.1	379.6	340.6	311.3
140°	548.3	574.0	548.3	522.7	516.3	476.6	423.6	397.2	380.0	345.5	319.7
142.5°	529.4	551.5	529.4	507.4	501.8	466.9	420.4	397.2	381.3	349.6	325.9
145°	500.9	517.6	500.9	484.2	480.1	451.6	413.6	394.5	381.3	355.0	335.3
147.5°	479.2	493.0	479.2	465.3	461.8	439.4	409.5	394.5	384.0	362.9	347.1
150°	465.4	476.6	465.4	454.2	451.4	432.5	407.2	394.5	385.3	367.0	353.2
152.5°	453.6	462.1	453.6	445.2	443.1	426.9	405.3	394.5	386.2	369.6	357.2
155°	440.2	445.8	440.2	434.6	433.2	420.3	403.1	394.5	388.2	375.5	366.1
157.5°	429.5	433.5	429.5	425.5	424.5	414.5	401.2	394.5	390.2	381.5	375.0
160°	423.1	425.3	423.1	420.8	420.2	411.7	400.3	394.5	391.1	384.2	379.0
162.5°	418.9	421.0	418.9	416.8	416.2	409.0	399.4	394.5	392.0	387.0	383.3
165°	412.9	415.2	412.9	410.6	410.1	404.9	398.0	394.5	393.4	391.1	389.5
167.5°	408.6	409.5	408.6	407.7	407.4	404.0	399.4	397.2	396.2	394.4	392.9
170°	407.4	407.4	407.4	407.4	407.4	404.0	399.4	397.2	397.1	397.0	396.9
172.5°	404.2	403.4	404.2	405.1	405.2	402.6	399.0	397.2	397.2	397.2	397.2
175°	402.3	402.3	402.3	402.3	402.3	400.6	398.4	397.2	397.8	398.8	399.6
177.5°	400.6	399.6	400.6	401.5	401.8	400.4	398.6	397.8	398.2	399.0	399.6
180°	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6



TEST NUMBER: P934127

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4857.7	4830.6	4830.6	4785.2	4767.1	4753.6	4730.9	4662.9	4644.7	4626.6	4653.9
5°	4898.5	4848.7	4812.4	4730.9	4662.9	4635.7	4549.6	4386.4	4277.7	4196.1	4150.9
7.5°	4907.6	4844.2	4776.1	4649.3	4486.1	4413.6	4150.9	3851.7	3770.2	3697.7	3652.3
10°	4898.5	4826.0	4730.9	4540.6	4155.3	4028.5	3765.7	3570.8	3520.9	3507.4	3520.9
12.5°	4866.8	4798.8	4667.4	4350.2	3811.0	3724.9	3570.8	3457.5	3448.5	3471.1	3593.4
15°	4812.4	4749.0	4594.9	4096.4	3620.6	3557.2	3448.5	3407.7	3457.5	3616.1	3983.1
17.5°	4758.0	4685.5	4495.2	3847.2	3475.7	3430.3	3353.3	3434.9	3715.8	3928.8	4051.2
20°	4685.5	4599.4	4382.0	3666.0	3371.4	3330.6	3294.4	3661.4	3874.4	3951.5	4019.4
22.5°	4599.4	4508.8	4227.9	3539.1	3262.7	3230.9	3253.6	3788.3	3874.4	3928.8	3987.7
25°	4486.1	4409.1	4046.6	3439.4	3176.6	3140.3	3226.4	3774.7	3824.5	3838.2	3956.0
27.5°	4382.0	4282.3	3856.3	3348.8	3072.3	3058.7	3249.0	3715.8	3752.0	3765.7	3892.5
30°	4255.0	4105.5	3643.3	3253.6	2963.6	2959.0	3253.6	3643.3	3634.2	3670.5	3797.4
32.5°	4123.6	3842.7	3403.1	3135.8	2859.3	2854.9	3221.9	3534.5	3525.5	3575.3	3670.5
35°	4001.3	3638.8	3076.9	2999.8	2727.9	2732.5	3144.9	3407.7	3412.2	3457.5	3516.4
37.5°	3874.4	3462.0	2718.9	2850.3	2601.1	2601.1	3040.6	3289.8	3280.8	3294.4	3376.0
40°	3724.9	3185.6	2401.7	2655.5	2483.3	2469.6	2913.8	3163.0	3131.2	3126.8	3240.0
42.5°	3566.3	2882.0	2166.0	2397.1	2347.3	2329.2	2759.6	3008.9	2950.0	2963.6	3108.5
45°	3394.1	2800.4	1984.7	2025.5	2206.8	2193.3	2592.0	2832.2	2791.4	2827.6	2977.2
47.5°	3221.9	2637.3	1925.9	1681.2	2057.3	2052.8	2406.2	2660.0	2637.3	2673.6	2832.2
50°	2986.3	2456.0	1921.4	1441.0	1889.6	1907.7	2184.2	2492.3	2492.3	2524.1	2691.7
52.5°	2682.6	2234.0	1744.6	1305.1	1694.7	1749.2	1989.3	2347.3	2356.3	2388.1	2537.6
55°	2406.2	2003.0	1617.7	1200.8	1463.6	1581.5	1799.0	2197.7	2215.9	2247.6	2383.6
57.5°	2152.5	1667.6	1590.6	1078.5	1250.6	1364.0	1631.4	2052.8	2061.9	2089.0	2220.4
60°	1880.6	1205.4	1459.2	947.1	1064.9	1151.0	1477.3	1880.6	1912.3	1930.4	2043.7
62.5°	1572.4	874.6	1323.2	856.5	974.3	992.4	1350.4	1717.4	1758.2	1771.8	1839.8
65°	1119.3	734.1	1123.8	779.4	879.1	883.6	1214.4	1549.8	1586.0	1608.7	1658.5
67.5°	756.8	598.1	856.5	706.9	806.6	811.1	1083.0	1354.9	1404.7	1422.9	1454.6
70°	525.7	398.7	634.4	629.8	725.1	734.1	942.5	1178.2	1223.5	1237.1	1255.2
72.5°	385.2	321.7	525.7	566.5	638.9	648.0	797.6	978.8	1024.1	1037.7	1046.8
75°	294.6	339.8	426.0	493.9	543.8	548.3	652.5	797.6	829.2	838.3	842.8
77.5°	235.7	317.2	312.7	398.7	444.1	435.1	512.1	616.3	643.5	643.5	643.5
80°	176.7	249.2	235.7	285.5	326.3	317.2	367.0	439.5	448.6	457.6	453.2
82.5°	131.4	158.6	158.6	181.3	217.5	208.4	244.7	285.5	285.5	285.5	294.6
85°	81.6	90.6	72.5	95.2	122.4	117.8	135.9	154.1	158.6	158.6	149.5
87.5°	49.8	40.8	22.7	36.2	54.4	54.4	63.5	67.9	63.5	63.5	63.5
90°	7.0	4.8	2.7	4.8	7.0	7.5	11.8	17.5	20.4	18.1	13.6
92.5°	47.2	28.9	10.7	28.9	47.2	51.8	72.7	100.8	114.8	100.6	72.2
95°	92.5	59.1	25.7	59.1	92.5	100.9	179.1	283.4	335.5	299.4	227.2
97.5°	103.5	74.0	44.5	74.0	103.5	110.8	241.2	415.2	502.1	479.2	433.6
100°	112.4	85.7	59.0	85.7	112.4	119.1	263.9	456.8	553.3	555.0	558.3
102.5°	121.1	96.2	71.3	96.2	121.1	127.4	274.2	470.0	567.8	596.9	655.0
105°	134.4	113.4	92.3	113.4	134.4	139.7	281.9	471.4	566.2	631.4	761.8
107.5°	153.1	133.4	113.7	133.4	153.1	158.0	283.3	450.4	534.0	624.9	806.8
110°	163.7	145.9	128.2	145.9	163.7	168.2	281.2	431.8	507.2	608.9	812.2



TEST NUMBER: P934127

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	176.3	159.3	142.5	159.3	176.3	180.5	281.3	415.6	482.8	586.9	795.0
115°	195.1	179.5	163.9	179.5	195.1	199.1	283.9	396.9	453.5	553.8	754.3
117.5°	213.4	199.2	185.0	199.2	213.4	217.0	289.1	385.3	433.5	524.0	704.9
120°	224.1	210.7	197.4	210.7	224.1	227.4	293.4	381.3	425.3	508.0	673.4
122.5°	236.4	223.0	209.5	223.0	236.4	239.8	299.6	379.3	419.2	493.6	642.5
125°	252.6	240.3	228.0	240.3	252.6	255.6	308.0	377.7	412.5	475.7	602.2
127.5°	267.8	255.4	243.0	255.4	267.8	270.9	316.3	376.7	406.9	461.1	569.8
130°	277.8	264.4	251.0	264.4	277.8	281.1	322.3	377.2	404.7	453.1	549.8
132.5°	286.1	272.7	259.4	272.7	286.1	289.4	327.2	377.7	402.8	446.1	532.7
135°	296.0	283.9	271.7	283.9	296.0	299.0	332.6	377.3	399.6	435.9	508.3
137.5°	308.3	296.3	284.3	296.3	308.3	311.3	340.6	379.6	399.1	429.7	490.9
140°	317.0	305.8	294.7	305.8	317.0	319.7	345.5	380.0	397.2	423.6	476.6
142.5°	323.3	313.0	302.8	313.0	323.3	325.9	349.6	381.3	397.2	420.4	466.9
145°	333.0	324.1	315.2	324.1	333.0	335.3	355.0	381.3	394.5	413.6	451.6
147.5°	344.9	336.2	327.5	336.2	344.9	347.1	362.9	384.0	394.5	409.5	439.4
150°	351.2	343.4	335.5	343.4	351.2	353.2	367.0	385.3	394.5	407.2	432.5
152.5°	355.7	349.8	343.8	349.8	355.7	357.2	369.6	386.2	394.5	405.3	426.9
155°	365.0	360.5	356.2	360.5	365.0	366.1	375.5	388.2	394.5	403.1	420.3
157.5°	373.9	369.5	365.3	369.5	373.9	375.0	381.5	390.2	394.5	401.2	414.5
160°	378.2	374.8	371.5	374.8	378.2	379.0	384.2	391.1	394.5	400.3	411.7
162.5°	382.7	380.2	377.7	380.2	382.7	383.3	387.0	392.0	394.5	399.4	409.0
165°	388.9	386.6	384.4	386.6	388.9	389.5	391.1	393.4	394.5	398.0	404.9
167.5°	392.7	391.6	390.5	391.6	392.7	392.9	394.4	396.2	397.2	399.4	404.0
170°	396.7	395.6	394.5	395.6	396.7	396.9	397.0	397.1	397.2	399.4	404.0
172.5°	397.1	396.9	396.7	396.9	397.1	397.2	397.2	397.2	397.2	399.0	402.6
175°	399.6	399.6	399.6	399.6	399.6	399.6	398.8	397.8	397.2	398.4	400.6
177.5°	399.6	399.6	399.6	399.6	399.6	399.6	399.0	398.2	397.8	398.6	400.4
180°	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6



TEST NUMBER: P934127

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4622.1	4608.5	4626.6	4576.8	4626.6	4608.5	4622.1	4653.9	4626.6	4644.7	4662.9
5°	4055.7	4033.0	3960.5	3901.6	3960.5	4033.0	4055.7	4150.9	4196.1	4277.7	4386.4
7.5°	3625.2	3607.1	3589.0	3552.7	3589.0	3607.1	3625.2	3652.3	3697.7	3770.2	3851.7
10°	3530.0	3534.5	3561.7	3557.2	3561.7	3534.5	3530.0	3520.9	3507.4	3520.9	3570.8
12.5°	3774.7	3815.5	3965.0	3956.0	3965.0	3815.5	3774.7	3593.4	3471.1	3448.5	3457.5
15°	4055.7	4069.3	4101.0	4105.5	4101.0	4069.3	4055.7	3983.1	3616.1	3457.5	3407.7
17.5°	4082.8	4087.4	4110.1	4110.1	4110.1	4087.4	4082.8	4051.2	3928.8	3715.8	3434.9
20°	4060.2	4069.3	4114.6	4123.6	4114.6	4069.3	4060.2	4019.4	3951.5	3874.4	3661.4
22.5°	4051.2	4069.3	4105.5	4101.0	4105.5	4069.3	4051.2	3987.7	3928.8	3874.4	3788.3
25°	4005.8	4005.8	4010.4	4014.9	4010.4	4005.8	4005.8	3956.0	3838.2	3824.5	3774.7
27.5°	3910.7	3919.8	3946.9	3942.3	3946.9	3919.8	3910.7	3892.5	3765.7	3752.0	3715.8
30°	3824.5	3815.5	3792.8	3774.7	3792.8	3815.5	3824.5	3797.4	3670.5	3634.2	3643.3
32.5°	3679.6	3656.9	3634.2	3620.6	3634.2	3656.9	3679.6	3670.5	3575.3	3525.5	3534.5
35°	3507.4	3511.9	3507.4	3493.8	3507.4	3511.9	3507.4	3516.4	3457.5	3412.2	3407.7
37.5°	3385.0	3394.1	3389.5	3371.4	3389.5	3394.1	3385.0	3376.0	3294.4	3280.8	3289.8
40°	3258.2	3262.7	3258.2	3244.5	3258.2	3262.7	3258.2	3240.0	3126.8	3131.2	3163.0
42.5°	3135.8	3131.2	3117.7	3108.5	3117.7	3131.2	3135.8	3108.5	2963.6	2950.0	3008.9
45°	2995.3	2999.8	2972.6	2959.0	2972.6	2999.8	2995.3	2977.2	2827.6	2791.4	2832.2
47.5°	2854.9	2854.9	2832.2	2818.5	2832.2	2854.9	2854.9	2832.2	2673.6	2637.3	2660.0
50°	2705.3	2700.8	2669.0	2664.5	2669.0	2700.8	2705.3	2691.7	2524.1	2492.3	2492.3
52.5°	2533.1	2533.1	2537.6	2546.6	2537.6	2533.1	2533.1	2537.6	2388.1	2356.3	2347.3
55°	2383.6	2388.1	2419.8	2428.9	2419.8	2388.1	2383.6	2383.6	2247.6	2215.9	2197.7
57.5°	2229.5	2229.5	2252.2	2252.2	2252.2	2229.5	2229.5	2220.4	2089.0	2061.9	2052.8
60°	2052.8	2061.9	2080.0	2075.4	2080.0	2061.9	2052.8	2043.7	1930.4	1912.3	1880.6
62.5°	1867.0	1876.0	1880.6	1871.5	1880.6	1876.0	1867.0	1839.8	1771.8	1758.2	1717.4
65°	1672.1	1681.2	1685.7	1676.6	1685.7	1681.2	1672.1	1658.5	1608.7	1586.0	1549.8
67.5°	1472.7	1468.2	1463.6	1481.7	1463.6	1468.2	1472.7	1454.6	1422.9	1404.7	1354.9
70°	1268.8	1268.8	1264.3	1273.3	1264.3	1268.8	1268.8	1255.2	1237.1	1223.5	1178.2
72.5°	1051.3	1046.8	1064.9	1051.3	1064.9	1046.8	1051.3	1046.8	1037.7	1024.1	978.8
75°	838.3	847.4	838.3	851.9	838.3	847.4	838.3	842.8	838.3	829.2	797.6
77.5°	638.9	648.0	638.9	638.9	638.9	648.0	638.9	643.5	643.5	643.5	616.3
80°	453.2	448.6	448.6	444.1	448.6	448.6	453.2	453.2	457.6	448.6	439.5
82.5°	290.0	285.5	285.5	294.6	285.5	285.5	290.0	294.6	285.5	285.5	285.5
85°	158.6	163.2	154.1	154.1	154.1	163.2	158.6	149.5	158.6	158.6	154.1
87.5°	58.9	54.4	54.4	54.4	54.4	54.4	58.9	63.5	63.5	63.5	67.9
90°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	13.6	18.1	20.4	17.5
92.5°	51.0	48.9	40.9	32.8	40.9	48.9	51.0	72.2	100.6	114.8	100.8
95°	173.0	166.8	142.3	117.7	142.3	166.8	173.0	227.2	299.4	335.5	283.4
97.5°	399.4	387.7	341.0	294.2	341.0	387.7	399.4	433.6	479.2	502.1	415.2
100°	560.8	546.9	491.3	435.6	491.3	546.9	560.8	558.3	555.0	553.3	456.8
102.5°	698.7	686.7	639.0	591.4	639.0	686.7	698.7	655.0	596.9	567.8	470.0
105°	859.6	853.2	827.5	801.9	827.5	853.2	859.6	761.8	631.4	566.2	471.4
107.5°	943.3	944.8	951.1	957.2	951.1	944.8	943.3	806.8	624.9	534.0	450.4
110°	964.7	971.4	998.1	1024.8	998.1	971.4	964.7	812.2	608.9	507.2	431.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	951.1	961.4	1002.3	1043.3	1002.3	961.4	951.1	795.0	586.9	482.8	415.6
115°	904.7	918.9	975.7	1032.6	975.7	918.9	904.7	754.3	553.8	453.5	396.9
117.5°	840.6	856.4	919.4	982.4	919.4	856.4	840.6	704.9	524.0	433.5	385.3
120°	797.4	812.7	874.0	935.2	874.0	812.7	797.4	673.4	508.0	425.3	381.3
122.5°	754.2	769.3	829.8	890.2	829.8	769.3	754.2	642.5	493.6	419.2	379.3
125°	697.0	711.0	766.6	822.3	766.6	711.0	697.0	602.2	475.7	412.5	377.7
127.5°	651.2	662.9	709.9	756.9	709.9	662.9	651.2	569.8	461.1	406.9	376.7
130°	622.2	633.1	676.5	719.9	676.5	633.1	622.2	549.8	453.1	404.7	377.2
132.5°	597.6	607.3	646.2	685.0	646.2	607.3	597.6	532.7	446.1	402.8	377.7
135°	562.7	571.1	604.6	638.0	604.6	571.1	562.7	508.3	435.9	399.6	377.3
137.5°	536.9	543.8	571.2	598.7	571.2	543.8	536.9	490.9	429.7	399.1	379.6
140°	516.3	522.7	548.3	574.0	548.3	522.7	516.3	476.6	423.6	397.2	380.0
142.5°	501.8	507.4	529.4	551.5	529.4	507.4	501.8	466.9	420.4	397.2	381.3
145°	480.1	484.2	500.9	517.6	500.9	484.2	480.1	451.6	413.6	394.5	381.3
147.5°	461.8	465.3	479.2	493.0	479.2	465.3	461.8	439.4	409.5	394.5	384.0
150°	451.4	454.2	465.4	476.6	465.4	454.2	451.4	432.5	407.2	394.5	385.3
152.5°	443.1	445.2	453.6	462.1	453.6	445.2	443.1	426.9	405.3	394.5	386.2
155°	433.2	434.6	440.2	445.8	440.2	434.6	433.2	420.3	403.1	394.5	388.2
157.5°	424.5	425.5	429.5	433.5	429.5	425.5	424.5	414.5	401.2	394.5	390.2
160°	420.2	420.8	423.1	425.3	423.1	420.8	420.2	411.7	400.3	394.5	391.1
162.5°	416.2	416.8	418.9	421.0	418.9	416.8	416.2	409.0	399.4	394.5	392.0
165°	410.1	410.6	412.9	415.2	412.9	410.6	410.1	404.9	398.0	394.5	393.4
167.5°	407.4	407.7	408.6	409.5	408.6	407.7	407.4	404.0	399.4	397.2	396.2
170°	407.4	407.4	407.4	407.4	407.4	407.4	407.4	404.0	399.4	397.2	397.1
172.5°	405.2	405.1	404.2	403.4	404.2	405.1	405.2	402.6	399.0	397.2	397.2
175°	402.3	402.3	402.3	402.3	402.3	402.3	402.3	400.6	398.4	397.2	397.8
177.5°	401.8	401.5	400.6	399.6	400.6	401.5	401.8	400.4	398.6	397.8	398.2
180°	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6	399.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4730.9	4753.6	4767.1	4785.2	4830.6
5°	4549.6	4635.7	4662.9	4730.9	4812.4
7.5°	4150.9	4413.6	4486.1	4649.3	4776.1
10°	3765.7	4028.5	4155.3	4540.6	4730.9
12.5°	3570.8	3724.9	3811.0	4350.2	4667.4
15°	3448.5	3557.2	3620.6	4096.4	4594.9
17.5°	3353.3	3430.3	3475.7	3847.2	4495.2
20°	3294.4	3330.6	3371.4	3666.0	4382.0
22.5°	3253.6	3230.9	3262.7	3539.1	4227.9
25°	3226.4	3140.3	3176.6	3439.4	4046.6
27.5°	3249.0	3058.7	3072.3	3348.8	3856.3
30°	3253.6	2959.0	2963.6	3253.6	3643.3
32.5°	3221.9	2854.9	2859.3	3135.8	3403.1
35°	3144.9	2732.5	2727.9	2999.8	3076.9
37.5°	3040.6	2601.1	2601.1	2850.3	2718.9
40°	2913.8	2469.6	2483.3	2655.5	2401.7
42.5°	2759.6	2329.2	2347.3	2397.1	2166.0
45°	2592.0	2193.3	2206.8	2025.5	1984.7
47.5°	2406.2	2052.8	2057.3	1681.2	1925.9
50°	2184.2	1907.7	1889.6	1441.0	1921.4
52.5°	1989.3	1749.2	1694.7	1305.1	1744.6
55°	1799.0	1581.5	1463.6	1200.8	1617.7
57.5°	1631.4	1364.0	1250.6	1078.5	1590.6
60°	1477.3	1151.0	1064.9	947.1	1459.2
62.5°	1350.4	992.4	974.3	856.5	1323.2
65°	1214.4	883.6	879.1	779.4	1123.8
67.5°	1083.0	811.1	806.6	706.9	856.5
70°	942.5	734.1	725.1	629.8	634.4
72.5°	797.6	648.0	638.9	566.5	525.7
75°	652.5	548.3	543.8	493.9	426.0
77.5°	512.1	435.1	444.1	398.7	312.7
80°	367.0	317.2	326.3	285.5	235.7
82.5°	244.7	208.4	217.5	181.3	158.6
85°	135.9	117.8	122.4	95.2	72.5
87.5°	63.5	54.4	54.4	36.2	22.7
90°	11.8	7.5	7.0	4.8	2.7
92.5°	72.7	51.8	47.2	28.9	10.7
95°	179.1	100.9	92.5	59.1	25.7
97.5°	241.2	110.8	103.5	74.0	44.5
100°	263.9	119.1	112.4	85.7	59.0
102.5°	274.2	127.4	121.1	96.2	71.3
105°	281.9	139.7	134.4	113.4	92.3
107.5°	283.3	158.0	153.1	133.4	113.7
110°	281.2	168.2	163.7	145.9	128.2



TEST NUMBER: P934127

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	281.3	180.5	176.3	159.3	142.5
115°	283.9	199.1	195.1	179.5	163.9
117.5°	289.1	217.0	213.4	199.2	185.0
120°	293.4	227.4	224.1	210.7	197.4
122.5°	299.6	239.8	236.4	223.0	209.5
125°	308.0	255.6	252.6	240.3	228.0
127.5°	316.3	270.9	267.8	255.4	243.0
130°	322.3	281.1	277.8	264.4	251.0
132.5°	327.2	289.4	286.1	272.7	259.4
135°	332.6	299.0	296.0	283.9	271.7
137.5°	340.6	311.3	308.3	296.3	284.3
140°	345.5	319.7	317.0	305.8	294.7
142.5°	349.6	325.9	323.3	313.0	302.8
145°	355.0	335.3	333.0	324.1	315.2
147.5°	362.9	347.1	344.9	336.2	327.5
150°	367.0	353.2	351.2	343.4	335.5
152.5°	369.6	357.2	355.7	349.8	343.8
155°	375.5	366.1	365.0	360.5	356.2
157.5°	381.5	375.0	373.9	369.5	365.3
160°	384.2	379.0	378.2	374.8	371.5
162.5°	387.0	383.3	382.7	380.2	377.7
165°	391.1	389.5	388.9	386.6	384.4
167.5°	394.4	392.9	392.7	391.6	390.5
170°	397.0	396.9	396.7	395.6	394.5
172.5°	397.2	397.2	397.1	396.9	396.7
175°	398.8	399.6	399.6	399.6	399.6
177.5°	399.0	399.6	399.6	399.6	399.6
180°	399.6	399.6	399.6	399.6	399.6



TEST NUMBER: P934127
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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	16.79	18.05	17.40	18.67	19.38	19.64	20.90	20.25	21.52	22.24
	3H	17.29	18.43	17.92	19.06	19.81	21.02	22.15	21.65	22.79	23.54
	4H	17.50	18.57	18.15	19.22	19.98	21.49	22.55	22.14	23.20	23.96
	6H	17.64	18.63	18.30	19.29	20.06	21.80	22.78	22.46	23.44	24.22
	8H	17.65	18.59	18.33	19.27	20.05	21.89	22.83	22.56	23.51	24.29
	12H	17.64	18.54	18.32	19.21	20.02	21.94	22.84	22.62	23.51	24.32
4H	2H	17.87	18.94	18.52	19.59	20.35	20.10	21.16	20.75	21.81	22.57
	3H	18.94	19.83	19.60	20.51	21.29	21.64	22.53	22.31	23.22	24.00
	4H	19.23	20.04	19.91	20.73	21.54	22.19	23.00	22.87	23.69	24.50
	6H	19.38	20.08	20.08	20.79	21.61	22.59	23.29	23.29	24.00	24.82
	8H	19.39	20.04	20.10	20.76	21.59	22.70	23.36	23.41	24.07	24.90
	12H	19.38	19.96	20.10	20.70	21.54	22.78	23.37	23.51	24.11	24.95
8H	4H	19.72	20.37	20.42	21.09	21.92	22.35	23.00	23.05	23.72	24.55
	6H	20.00	20.54	20.73	21.29	22.13	22.81	23.35	23.54	24.10	24.94
	8H	20.04	20.52	20.79	21.28	22.13	22.96	23.45	23.71	24.21	25.06
	12H	20.04	20.47	20.79	21.22	22.13	23.09	23.51	23.84	24.26	25.17
12H	4H	19.74	20.33	20.47	21.07	21.91	22.33	22.92	23.06	23.66	24.50
	6H	20.06	20.54	20.81	21.30	22.15	22.81	23.29	23.56	24.05	24.90
	8H	20.15	20.57	20.90	21.32	22.23	22.99	23.42	23.74	24.16	25.08