

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: P935483

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935483
REPORT IS A COMBINATION OF REPORTS P933754 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

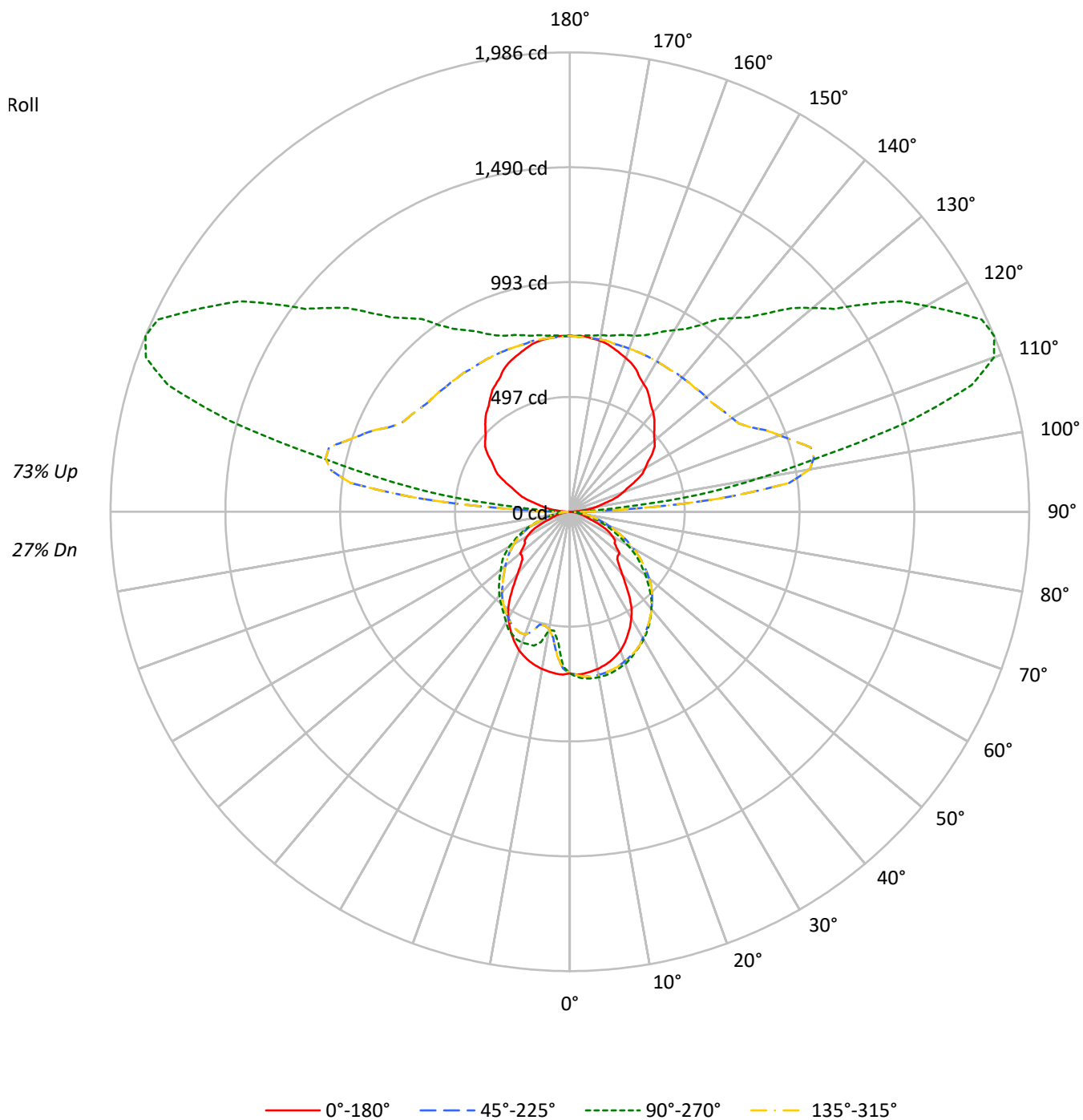
Lumens per Lamp: N/A
Luminaire Lumens: 6746.2 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 47.6
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

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P935483

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9			7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6486	6486	6486	6486
5°	6526	6547	6526	5148
10°	6477	6449	6477	4611
15°	6398	6310	6398	5269
20°	6257	6144	6257	5280
25°	5976	5903	5976	5168
30°	5616	5702	5616	4923
35°	4999	5448	4999	4653
40°	4157	5150	4157	4448
45°	3708	4801	3708	4214
50°	3931	4384	3931	3978
55°	3686	3935	3686	3843
60°	3789	3342	3789	3519
65°	3418	2763	3418	3087
70°	2351	2203	2351	2590
75°	2036	1627	2036	1949
80°	1610	1078	1610	1172
85°	878	569	878	485

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5694 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	0.9
10°-20°	179.1	2.7
20°-30°	276.9	4.1
30°-40°	330.6	4.9
40°-50°	332.5	4.9
50°-60°	289.3	4.3
60°-70°	205.1	3.0
70°-80°	108.5	1.6
80°-90°	29.9	0.4
90°-100°	370.8	5.5
100°-110°	974.8	14.4
110°-120°	1010.8	15.0
120°-130°	810.8	12.0
130°-140°	636.2	9.4
140°-150°	488.3	7.2
150°-160°	351.6	5.2
160°-170°	215.2	3.2
170°-180°	72.7	1.1
0°-30°	519.1	7.7
0°-40°	849.7	12.6
0°-60°	1471.6	21.8
0°-90°	1815.2	26.9
90°-120°	2356.4	34.9
90°-150°	4291.6	63.6
90°-180°	4931.0	73.1
0°-180°	6746.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	699	699	699	699	699	
5°	702	724	702	569	702	67
15°	670	718	670	599	670	189
25°	590	669	590	586	590	271
35°	449	597	449	510	449	278
45°	290	492	290	432	290	232
55°	236	363	236	354	236	217
65°	164	219	164	245	164	157
75°	62	104	62	124	62	65
85°	11	26	11	22	11	14
90°	5	19	5	19	5	5
95°	49	224	49	224	49	54
105°	176	1526	176	1526	176	186
115°	312	1966	312	1966	312	308
125°	434	1565	434	1565	434	385
135°	517	1214	517	1214	517	400
145°	600	985	600	985	600	376
155°	678	848	678	848	678	312
165°	732	790	732	790	732	206
175°	761	766	761	766	761	72
180°	761	761	761	761	761	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0
2.5°	704.9	704.9	708.8	710.2	710.2	708.2	706.3	708.2	714.2	716.1	715.4
5°	702.2	707.6	714.8	716.1	717.5	716.8	715.4	716.8	723.4	724.7	725.4
7.5°	697.0	706.9	716.1	718.1	720.1	718.1	717.5	718.8	725.4	726.7	726.7
10°	690.4	704.2	714.8	716.1	718.1	716.1	716.1	718.8	725.4	726.7	727.4
12.5°	681.1	700.3	710.2	711.5	714.2	713.5	712.9	715.4	722.1	723.4	723.4
15°	670.5	693.0	702.2	703.6	708.2	706.9	706.9	709.5	716.8	718.8	718.1
17.5°	656.0	683.8	694.3	696.3	699.7	699.0	699.7	702.2	708.8	710.2	710.9
20°	639.4	671.2	683.8	685.8	689.0	689.0	689.0	692.4	699.0	701.6	701.6
22.5°	616.9	658.0	671.2	672.6	676.5	676.5	677.8	682.4	688.3	689.0	689.0
25°	590.5	643.4	654.6	658.6	662.6	664.6	666.5	669.2	671.2	670.5	671.2
27.5°	562.7	624.9	639.4	642.1	647.4	649.4	652.0	652.6	653.3	655.3	654.0
30°	531.7	599.1	620.9	623.5	632.1	633.5	630.8	632.1	635.5	636.8	638.1
32.5°	496.6	560.7	601.8	607.7	615.7	611.7	611.0	613.0	618.3	618.3	619.6
35°	449.0	531.0	583.9	589.2	595.1	590.5	593.2	593.8	597.1	599.1	598.4
37.5°	396.8	505.2	565.4	569.3	574.0	568.0	572.0	574.0	576.6	575.3	575.3
40°	350.4	464.9	543.6	546.2	550.2	545.6	549.5	550.9	552.2	550.9	550.2
42.5°	316.1	420.5	520.4	523.8	521.1	524.4	525.7	528.4	526.3	523.8	523.8
45°	289.6	408.7	495.3	499.2	495.3	500.6	502.6	502.6	496.6	495.3	494.6
47.5°	281.0	384.8	470.1	470.1	468.2	474.8	478.1	473.5	467.6	465.5	465.5
50°	280.4	358.4	435.8	433.1	442.4	450.3	447.1	442.4	437.8	430.5	430.5
52.5°	254.6	326.0	391.4	401.4	415.9	420.5	415.3	410.7	402.7	399.4	396.8
55°	236.0	292.3	351.1	370.9	386.2	392.1	382.2	377.5	365.7	363.7	362.4
57.5°	232.1	243.3	314.1	339.2	357.7	357.1	351.1	342.5	332.6	330.6	330.0
60°	213.0	175.9	274.4	304.2	323.3	321.3	316.1	308.1	298.9	297.6	296.3
62.5°	193.1	127.6	229.4	263.2	290.3	289.6	285.1	273.1	266.5	263.2	260.5
65°	164.0	107.1	163.4	218.9	257.9	259.2	249.3	240.7	233.4	229.4	228.8
67.5°	125.0	87.3	110.4	182.5	226.8	225.5	213.0	208.9	199.7	197.7	193.7
70°	92.6	58.2	76.7	148.1	196.4	193.1	183.2	178.6	170.0	165.4	162.7
72.5°	76.7	46.9	56.2	115.1	165.4	161.3	152.7	147.5	140.2	136.3	133.6
75°	62.1	49.6	43.0	85.3	134.2	131.6	123.6	118.3	112.4	107.1	107.8
77.5°	45.7	46.2	34.4	62.8	106.5	102.5	97.9	91.3	88.6	83.3	83.3
80°	34.4	36.4	25.8	43.0	76.7	76.7	72.8	68.1	63.5	60.8	60.8
82.5°	23.2	23.2	19.1	27.1	52.3	50.3	47.6	46.2	43.7	42.3	42.3
85°	10.6	13.2	11.9	16.6	28.4	29.8	29.8	28.4	27.8	26.4	27.1
87.5°	3.4	5.9	7.3	9.3	14.6	15.2	15.9	15.9	15.9	16.6	16.6
90°	5.1	9.2	13.3	14.3	22.5	33.3	38.7	34.4	25.8	19.4	19.4
92.5°	20.4	55.1	89.8	98.5	138.5	191.9	218.5	191.5	137.5	97.0	93.2
95°	49.0	112.5	176.1	192.0	340.9	539.3	638.6	569.9	432.5	329.3	317.6
97.5°	84.7	140.7	196.8	210.8	459.1	790.1	955.6	912.1	825.3	760.1	737.9
100°	112.3	163.2	214.0	226.7	502.2	869.5	1053.1	1056.3	1062.7	1067.4	1040.9
102.5°	135.8	183.2	230.6	242.5	521.9	894.5	1080.8	1136.2	1246.9	1329.9	1307.2
105°	175.6	215.8	256.0	266.0	536.6	897.4	1077.7	1201.8	1450.0	1636.2	1623.9
107.5°	216.4	253.9	291.4	300.7	539.3	857.4	1016.5	1189.6	1535.8	1795.4	1798.4
110°	244.0	277.9	311.6	320.1	535.2	822.0	965.4	1158.9	1546.0	1836.3	1849.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	271.1	303.3	335.4	343.5	535.3	791.1	919.0	1117.0	1513.2	1810.3	1829.8
115°	311.9	341.6	371.4	378.8	540.3	755.6	863.2	1054.0	1435.7	1722.0	1749.0
117.5°	352.3	379.3	406.3	413.0	550.4	733.5	825.0	997.1	1341.6	1599.9	1629.9
120°	375.8	401.2	426.6	433.0	558.6	726.0	809.7	967.1	1281.7	1517.7	1546.9
122.5°	398.7	424.4	450.0	456.4	570.3	722.0	798.0	939.7	1223.0	1435.5	1464.3
125°	433.9	457.3	480.7	486.5	586.1	718.8	785.2	905.5	1146.2	1326.8	1353.3
127.5°	462.5	486.1	509.7	515.6	601.9	716.9	774.4	877.7	1084.5	1239.5	1261.9
130°	477.8	503.3	528.7	535.0	613.5	718.1	770.4	862.4	1046.3	1184.4	1205.0
132.5°	493.7	519.1	544.6	550.9	622.9	718.8	766.8	849.1	1013.9	1137.4	1155.9
135°	517.2	540.3	563.4	569.2	633.0	718.1	760.7	829.7	967.7	1071.1	1087.1
137.5°	541.1	564.0	587.0	592.7	648.3	722.5	759.6	817.9	934.5	1022.0	1035.0
140°	561.0	582.1	603.2	608.6	657.8	723.3	756.1	806.4	907.2	982.7	995.0
142.5°	576.3	595.8	615.4	620.3	665.6	725.9	756.1	800.3	888.8	955.1	965.6
145°	599.9	616.8	633.9	638.1	675.7	725.9	750.9	787.1	859.5	913.8	921.8
147.5°	623.3	639.9	656.5	660.6	690.7	730.8	750.9	779.4	836.4	879.1	885.7
150°	638.6	653.6	668.6	672.4	698.6	733.5	750.9	775.0	823.1	859.2	864.5
152.5°	654.5	665.8	677.2	680.0	703.7	735.2	750.9	771.4	812.6	843.3	847.4
155°	678.0	686.4	694.7	696.8	714.8	738.9	750.9	767.3	799.9	824.5	827.2
157.5°	695.3	703.5	711.6	713.7	726.1	742.7	750.9	763.7	789.1	808.1	810.0
160°	707.1	713.4	719.8	721.4	731.2	744.3	750.9	761.8	783.6	799.9	801.0
162.5°	718.8	723.5	728.4	729.5	736.6	746.2	750.9	760.1	778.5	792.3	793.3
165°	731.5	735.9	740.2	741.3	744.5	748.8	750.9	757.5	770.7	780.5	781.6
167.5°	743.3	745.3	747.4	747.9	750.6	754.3	756.1	760.4	769.0	775.5	776.0
170°	750.9	753.0	755.1	755.6	755.8	756.0	756.1	760.4	769.0	775.5	775.5
172.5°	755.1	755.5	756.0	756.1	756.1	756.1	756.1	759.4	766.2	771.3	771.0
175°	760.7	760.7	760.7	760.7	759.1	757.1	756.1	758.2	762.5	765.7	765.7
177.5°	760.7	760.7	760.7	760.7	759.5	757.8	757.1	758.7	762.2	764.7	764.2
180°	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0
2.5°	716.8	714.8	716.8	715.4	716.1	714.2	708.2	706.3	708.2	710.2	710.2
5°	725.4	724.1	725.4	725.4	724.7	723.4	716.8	715.4	716.8	717.5	716.1
7.5°	728.1	726.1	728.1	726.7	726.7	725.4	718.8	717.5	718.1	720.1	718.1
10°	728.1	726.1	728.1	727.4	726.7	725.4	718.8	716.1	716.1	718.1	716.1
12.5°	724.7	723.4	724.7	723.4	723.4	722.1	715.4	712.9	713.5	714.2	711.5
15°	719.5	717.5	719.5	718.1	718.8	716.8	709.5	706.9	706.9	708.2	703.6
17.5°	711.5	708.8	711.5	710.9	710.2	708.8	702.2	699.7	699.0	699.7	696.3
20°	702.2	700.3	702.2	701.6	701.6	699.0	692.4	689.0	689.0	689.0	685.8
22.5°	687.7	685.8	687.7	689.0	689.0	688.3	682.4	677.8	676.5	676.5	672.6
25°	671.2	669.2	671.2	671.2	670.5	671.2	669.2	666.5	664.6	662.6	658.6
27.5°	655.3	654.0	655.3	654.0	655.3	653.3	652.6	652.0	649.4	647.4	642.1
30°	639.4	638.1	639.4	638.1	636.8	635.5	632.1	630.8	633.5	632.1	623.5
32.5°	619.6	618.3	619.6	619.6	618.3	618.3	613.0	611.0	611.7	615.7	607.7
35°	599.1	597.1	599.1	598.4	599.1	597.1	593.8	593.2	590.5	595.1	589.2
37.5°	575.3	573.4	575.3	575.3	575.3	576.6	574.0	572.0	568.0	574.0	569.3
40°	550.9	548.2	550.9	550.2	550.9	552.2	550.9	549.5	545.6	550.2	546.2
42.5°	523.1	522.4	523.1	523.8	523.8	526.3	528.4	525.7	524.4	521.1	523.8
45°	493.3	492.0	493.3	494.6	495.3	496.6	502.6	502.6	500.6	495.3	499.2
47.5°	461.5	458.3	461.5	465.5	465.5	467.6	473.5	478.1	474.8	468.2	470.1
50°	427.8	428.5	427.8	430.5	430.5	437.8	442.4	447.1	450.3	442.4	433.1
52.5°	394.8	394.1	394.8	396.8	399.4	402.7	410.7	415.3	420.5	415.9	401.4
55°	361.7	363.0	361.7	362.4	363.7	365.7	377.5	382.2	392.1	386.2	370.9
57.5°	328.6	326.7	328.6	330.0	330.6	332.6	342.5	351.1	357.1	357.7	339.2
60°	290.3	287.6	290.3	296.3	297.6	298.9	308.1	316.1	321.3	323.3	304.2
62.5°	256.6	251.9	256.6	260.5	263.2	266.5	273.1	285.1	289.6	290.3	263.2
65°	220.9	218.9	220.9	228.8	229.4	233.4	240.7	249.3	259.2	257.9	218.9
67.5°	188.4	188.4	188.4	193.7	197.7	199.7	208.9	213.0	225.5	226.8	182.5
70°	158.7	158.1	158.7	162.7	165.4	170.0	178.6	183.2	193.1	196.4	148.1
72.5°	130.3	129.6	130.3	133.6	136.3	140.2	147.5	152.7	161.3	165.4	115.1
75°	105.1	103.8	105.1	107.8	107.1	112.4	118.3	123.6	131.6	134.2	85.3
77.5°	80.7	80.7	80.7	83.3	83.3	88.6	91.3	97.9	102.5	106.5	62.8
80°	60.1	59.6	60.1	60.8	60.8	63.5	68.1	72.8	76.7	76.7	43.0
82.5°	42.3	41.0	42.3	42.3	42.3	43.7	46.2	47.6	50.3	52.3	27.1
85°	26.4	26.4	26.4	27.1	26.4	27.8	28.4	29.8	29.8	28.4	16.6
87.5°	17.2	16.6	17.2	16.6	16.6	15.9	15.9	15.9	15.2	14.6	9.3
90°	19.4	19.4	19.4	19.4	19.4	25.8	34.4	38.7	33.3	22.5	14.3
92.5°	77.7	62.3	77.7	93.2	97.0	137.5	191.5	218.5	191.9	138.5	98.5
95°	270.9	224.1	270.9	317.6	329.3	432.5	569.9	638.6	539.3	340.9	192.0
97.5°	649.0	560.0	649.0	737.9	760.1	825.3	912.1	955.6	790.1	459.1	210.8
100°	935.0	829.0	935.0	1040.9	1067.4	1062.7	1056.3	1053.1	869.5	502.2	226.7
102.5°	1216.4	1125.7	1216.4	1307.2	1329.9	1246.9	1136.2	1080.8	894.5	521.9	242.5
105°	1575.2	1526.4	1575.2	1623.9	1636.2	1450.0	1201.8	1077.7	897.4	536.6	266.0
107.5°	1810.2	1822.0	1810.2	1798.4	1795.4	1535.8	1189.6	1016.5	857.4	539.3	300.7
110°	1899.8	1950.6	1899.8	1849.0	1836.3	1546.0	1158.9	965.4	822.0	535.2	320.1

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1907.8	1985.9	1907.8	1829.8	1810.3	1513.2	1117.0	919.0	791.1	535.3	343.5
115°	1857.2	1965.5	1857.2	1749.0	1722.0	1435.7	1054.0	863.2	755.6	540.3	378.8
117.5°	1750.0	1869.9	1750.0	1629.9	1599.9	1341.6	997.1	825.0	733.5	550.4	413.0
120°	1663.5	1780.1	1663.5	1546.9	1517.7	1281.7	967.1	809.7	726.0	558.6	433.0
122.5°	1579.3	1694.3	1579.3	1464.3	1435.5	1223.0	939.7	798.0	722.0	570.3	456.4
125°	1459.2	1565.2	1459.2	1353.3	1326.8	1146.2	905.5	785.2	718.8	586.1	486.5
127.5°	1351.2	1440.6	1351.2	1261.9	1239.5	1084.5	877.7	774.4	716.9	601.9	515.6
130°	1287.6	1370.2	1287.6	1205.0	1184.4	1046.3	862.4	770.4	718.1	613.5	535.0
132.5°	1229.8	1303.8	1229.8	1155.9	1137.4	1013.9	849.1	766.8	718.8	622.9	550.9
135°	1150.8	1214.5	1150.8	1087.1	1071.1	967.7	829.7	760.7	718.1	633.0	569.2
137.5°	1087.3	1139.4	1087.3	1035.0	1022.0	934.5	817.9	759.6	722.5	648.3	592.7
140°	1043.7	1092.5	1043.7	995.0	982.7	907.2	806.4	756.1	723.3	657.8	608.6
142.5°	1007.6	1049.6	1007.6	965.6	955.1	888.8	800.3	756.1	725.9	665.6	620.3
145°	953.6	985.3	953.6	921.8	913.8	859.5	787.1	750.9	725.9	675.7	638.1
147.5°	912.0	938.3	912.0	885.7	879.1	836.4	779.4	750.9	730.8	690.7	660.6
150°	885.9	907.2	885.9	864.5	859.2	823.1	775.0	750.9	733.5	698.6	672.4
152.5°	863.4	879.6	863.4	847.4	843.3	812.6	771.4	750.9	735.2	703.7	680.0
155°	837.8	848.5	837.8	827.2	824.5	799.9	767.3	750.9	738.9	714.8	696.8
157.5°	817.5	825.0	817.5	810.0	808.1	789.1	763.7	750.9	742.7	726.1	713.7
160°	805.4	809.7	805.4	801.0	799.9	783.6	761.8	750.9	744.3	731.2	721.4
162.5°	797.5	801.5	797.5	793.3	792.3	778.5	760.1	750.9	746.2	736.6	729.5
165°	785.9	790.3	785.9	781.6	780.5	770.7	757.5	750.9	748.8	744.5	741.3
167.5°	777.8	779.5	777.8	776.0	775.5	769.0	760.4	756.1	754.3	750.6	747.9
170°	775.5	775.5	775.5	775.5	775.5	769.0	760.4	756.1	756.0	755.8	755.6
172.5°	769.4	767.8	769.4	771.0	771.3	766.2	759.4	756.1	756.1	756.1	756.1
175°	765.7	765.7	765.7	765.7	765.7	762.5	758.2	756.1	757.1	759.1	760.7
177.5°	762.5	760.7	762.5	764.2	764.7	762.2	758.7	757.1	757.8	759.5	760.7
180°	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0
2.5°	708.8	704.9	704.9	698.3	695.6	693.7	690.4	680.4	677.8	675.1	679.2
5°	714.8	707.6	702.2	690.4	680.4	676.5	663.9	640.1	624.2	612.3	605.7
7.5°	716.1	706.9	697.0	678.5	654.6	644.1	605.7	562.1	550.2	539.6	532.9
10°	714.8	704.2	690.4	662.6	606.4	587.9	549.5	521.1	513.8	511.8	513.8
12.5°	710.2	700.3	681.1	634.8	556.1	543.6	521.1	504.5	503.3	506.5	524.4
15°	702.2	693.0	670.5	597.8	528.4	519.1	503.3	497.2	504.5	527.7	581.2
17.5°	694.3	683.8	656.0	561.4	507.2	500.6	489.4	501.3	542.2	573.4	591.2
20°	683.8	671.2	639.4	535.0	492.0	486.0	480.8	534.3	565.4	576.6	586.6
22.5°	671.2	658.0	616.9	516.5	476.1	471.5	474.8	552.9	565.4	573.4	581.9
25°	654.6	643.4	590.5	501.9	463.5	458.3	470.8	550.9	558.1	560.0	577.3
27.5°	639.4	624.9	562.7	488.7	448.3	446.4	474.2	542.2	547.5	549.5	568.0
30°	620.9	599.1	531.7	474.8	432.5	431.8	474.8	531.7	530.4	535.6	554.1
32.5°	601.8	560.7	496.6	457.6	417.3	416.6	470.1	515.8	514.5	521.7	535.6
35°	583.9	531.0	449.0	437.8	398.0	398.7	458.9	497.2	497.9	504.5	513.1
37.5°	565.4	505.2	396.8	415.9	379.6	379.6	443.7	480.1	478.8	480.8	492.6
40°	543.6	464.9	350.4	387.5	362.4	360.4	425.2	461.5	456.9	456.3	472.8
42.5°	520.4	420.5	316.1	349.8	342.5	339.9	402.7	439.1	430.5	432.5	453.7
45°	495.3	408.7	289.6	295.6	322.0	320.1	378.2	413.3	407.3	412.6	434.4
47.5°	470.1	384.8	281.0	245.3	300.2	299.5	351.1	388.2	384.8	390.2	413.3
50°	435.8	358.4	280.4	210.3	275.8	278.3	318.8	363.7	363.7	368.4	392.8
52.5°	391.4	326.0	254.6	190.4	247.3	255.3	290.3	342.5	343.8	348.5	370.3
55°	351.1	292.3	236.0	175.2	213.6	230.8	262.5	320.7	323.3	327.9	347.9
57.5°	314.1	243.3	232.1	157.4	182.5	199.1	238.0	299.5	300.8	304.9	324.0
60°	274.4	175.9	213.0	138.2	155.4	167.9	215.5	274.4	279.0	281.7	298.3
62.5°	229.4	127.6	193.1	125.0	142.2	144.8	197.1	250.6	256.6	258.5	268.5
65°	163.4	107.1	164.0	113.8	128.3	129.0	177.2	226.2	231.4	234.8	242.1
67.5°	110.4	87.3	125.0	103.1	117.7	118.3	158.1	197.7	205.0	207.7	212.3
70°	76.7	58.2	92.6	91.9	105.8	107.1	137.5	172.0	178.6	180.5	183.2
72.5°	56.2	46.9	76.7	82.6	93.3	94.6	116.3	142.9	149.5	151.4	152.7
75°	43.0	49.6	62.1	72.1	79.4	80.0	95.2	116.3	121.0	122.4	123.0
77.5°	34.4	46.2	45.7	58.2	64.8	63.5	74.7	89.9	93.9	93.9	93.9
80°	25.8	36.4	34.4	41.7	47.6	46.2	53.5	64.2	65.5	66.8	66.2
82.5°	19.1	23.2	23.2	26.4	31.7	30.5	35.7	41.7	41.7	41.7	43.0
85°	11.9	13.2	10.6	13.9	17.8	17.2	19.8	22.5	23.2	23.2	21.8
87.5°	7.3	5.9	3.4	5.3	7.9	7.9	9.3	10.0	9.3	9.3	9.3
90°	13.3	9.2	5.1	9.2	13.3	14.3	22.5	33.3	38.7	34.4	25.8
92.5°	89.8	55.1	20.4	55.1	89.8	98.5	138.5	191.9	218.5	191.5	137.5
95°	176.1	112.5	49.0	112.5	176.1	192.0	340.9	539.3	638.6	569.9	432.5
97.5°	196.8	140.7	84.7	140.7	196.8	210.8	459.1	790.1	955.6	912.1	825.3
100°	214.0	163.2	112.3	163.2	214.0	226.7	502.2	869.5	1053.1	1056.3	1062.7
102.5°	230.6	183.2	135.8	183.2	230.6	242.5	521.9	894.5	1080.8	1136.2	1246.9
105°	256.0	215.8	175.6	215.8	256.0	266.0	536.6	897.4	1077.7	1201.8	1450.0
107.5°	291.4	253.9	216.4	253.9	291.4	300.7	539.3	857.4	1016.5	1189.6	1535.8
110°	311.6	277.9	244.0	277.9	311.6	320.1	535.2	822.0	965.4	1158.9	1546.0

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	335.4	303.3	271.1	303.3	335.4	343.5	535.3	791.1	919.0	1117.0	1513.2
115°	371.4	341.6	311.9	341.6	371.4	378.8	540.3	755.6	863.2	1054.0	1435.7
117.5°	406.3	379.3	352.3	379.3	406.3	413.0	550.4	733.5	825.0	997.1	1341.6
120°	426.6	401.2	375.8	401.2	426.6	433.0	558.6	726.0	809.7	967.1	1281.7
122.5°	450.0	424.4	398.7	424.4	450.0	456.4	570.3	722.0	798.0	939.7	1223.0
125°	480.7	457.3	433.9	457.3	480.7	486.5	586.1	718.8	785.2	905.5	1146.2
127.5°	509.7	486.1	462.5	486.1	509.7	515.6	601.9	716.9	774.4	877.7	1084.5
130°	528.7	503.3	477.8	503.3	528.7	535.0	613.5	718.1	770.4	862.4	1046.3
132.5°	544.6	519.1	493.7	519.1	544.6	550.9	622.9	718.8	766.8	849.1	1013.9
135°	563.4	540.3	517.2	540.3	563.4	569.2	633.0	718.1	760.7	829.7	967.7
137.5°	587.0	564.0	541.1	564.0	587.0	592.7	648.3	722.5	759.6	817.9	934.5
140°	603.2	582.1	561.0	582.1	603.2	608.6	657.8	723.3	756.1	806.4	907.2
142.5°	615.4	595.8	576.3	595.8	615.4	620.3	665.6	725.9	756.1	800.3	888.8
145°	633.9	616.8	599.9	616.8	633.9	638.1	675.7	725.9	750.9	787.1	859.5
147.5°	656.5	639.9	623.3	639.9	656.5	660.6	690.7	730.8	750.9	779.4	836.4
150°	668.6	653.6	638.6	653.6	668.6	672.4	698.6	733.5	750.9	775.0	823.1
152.5°	677.2	665.8	654.5	665.8	677.2	680.0	703.7	735.2	750.9	771.4	812.6
155°	694.7	686.4	678.0	686.4	694.7	696.8	714.8	738.9	750.9	767.3	799.9
157.5°	711.6	703.5	695.3	703.5	711.6	713.7	726.1	742.7	750.9	763.7	789.1
160°	719.8	713.4	707.1	713.4	719.8	721.4	731.2	744.3	750.9	761.8	783.6
162.5°	728.4	723.5	718.8	723.5	728.4	729.5	736.6	746.2	750.9	760.1	778.5
165°	740.2	735.9	731.5	735.9	740.2	741.3	744.5	748.8	750.9	757.5	770.7
167.5°	747.4	745.3	743.3	745.3	747.4	747.9	750.6	754.3	756.1	760.4	769.0
170°	755.1	753.0	750.9	753.0	755.1	755.6	755.8	756.0	756.1	760.4	769.0
172.5°	756.0	755.5	755.1	755.5	756.0	756.1	756.1	756.1	756.1	759.4	766.2
175°	760.7	760.7	760.7	760.7	760.7	760.7	759.1	757.1	756.1	758.2	762.5
177.5°	760.7	760.7	760.7	760.7	760.7	760.7	759.5	757.8	757.1	758.7	762.2
180°	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0	699.0
2.5°	674.5	672.6	675.1	667.9	675.1	672.6	674.5	679.2	675.1	677.8	680.4
5°	591.8	588.5	578.0	569.3	578.0	588.5	591.8	605.7	612.3	624.2	640.1
7.5°	529.0	526.3	523.8	518.4	523.8	526.3	529.0	532.9	539.6	550.2	562.1
10°	515.1	515.8	519.7	519.1	519.7	515.8	515.1	513.8	511.8	513.8	521.1
12.5°	550.9	556.8	578.6	577.3	578.6	556.8	550.9	524.4	506.5	503.3	504.5
15°	591.8	593.8	598.4	599.1	598.4	593.8	591.8	581.2	527.7	504.5	497.2
17.5°	595.8	596.4	599.8	599.8	599.8	596.4	595.8	591.2	573.4	542.2	501.3
20°	592.5	593.8	600.5	601.8	600.5	593.8	592.5	586.6	576.6	565.4	534.3
22.5°	591.2	593.8	599.1	598.4	599.1	593.8	591.2	581.9	573.4	565.4	552.9
25°	584.6	584.6	585.2	585.9	585.2	584.6	584.6	577.3	560.0	558.1	550.9
27.5°	570.7	572.0	575.9	575.3	575.9	572.0	570.7	568.0	549.5	547.5	542.2
30°	558.1	556.8	553.4	550.9	553.4	556.8	558.1	554.1	535.6	530.4	531.7
32.5°	537.0	533.6	530.4	528.4	530.4	533.6	537.0	535.6	521.7	514.5	515.8
35°	511.8	512.5	511.8	509.9	511.8	512.5	511.8	513.1	504.5	497.9	497.2
37.5°	494.0	495.3	494.6	492.0	494.6	495.3	494.0	492.6	480.8	478.8	480.1
40°	475.4	476.1	475.4	473.5	475.4	476.1	475.4	472.8	456.3	456.9	461.5
42.5°	457.6	456.9	454.9	453.7	454.9	456.9	457.6	453.7	432.5	430.5	439.1
45°	437.1	437.8	433.7	431.8	433.7	437.8	437.1	434.4	412.6	407.3	413.3
47.5°	416.6	416.6	413.3	411.3	413.3	416.6	416.6	413.3	390.2	384.8	388.2
50°	394.8	394.1	389.5	388.8	389.5	394.1	394.8	392.8	368.4	363.7	363.7
52.5°	369.7	369.7	370.3	371.6	370.3	369.7	369.7	370.3	348.5	343.8	342.5
55°	347.9	348.5	353.1	354.5	353.1	348.5	347.9	347.9	327.9	323.3	320.7
57.5°	325.4	325.4	328.6	328.6	328.6	325.4	325.4	324.0	304.9	300.8	299.5
60°	299.5	300.8	303.5	302.9	303.5	300.8	299.5	298.3	281.7	279.0	274.4
62.5°	272.4	273.8	274.4	273.1	274.4	273.8	272.4	268.5	258.5	256.6	250.6
65°	244.0	245.3	246.0	244.6	246.0	245.3	244.0	242.1	234.8	231.4	226.2
67.5°	214.9	214.3	213.6	216.2	213.6	214.3	214.9	212.3	207.7	205.0	197.7
70°	185.2	185.2	184.5	185.9	184.5	185.2	185.2	183.2	180.5	178.6	172.0
72.5°	153.4	152.7	155.4	153.4	155.4	152.7	153.4	152.7	151.4	149.5	142.9
75°	122.4	123.6	122.4	124.3	122.4	123.6	122.4	123.0	122.4	121.0	116.3
77.5°	93.3	94.6	93.3	93.3	93.3	94.6	93.3	93.9	93.9	93.9	89.9
80°	66.2	65.5	65.5	64.8	65.5	65.5	66.2	66.2	66.8	65.5	64.2
82.5°	42.3	41.7	41.7	43.0	41.7	41.7	42.3	43.0	41.7	41.7	41.7
85°	23.2	23.8	22.5	22.5	22.5	23.8	23.2	21.8	23.2	23.2	22.5
87.5°	8.6	7.9	7.9	7.9	7.9	7.9	8.6	9.3	9.3	9.3	10.0
90°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	25.8	34.4	38.7	33.3
92.5°	97.0	93.2	77.7	62.3	77.7	93.2	97.0	137.5	191.5	218.5	191.9
95°	329.3	317.6	270.9	224.1	270.9	317.6	329.3	432.5	569.9	638.6	539.3
97.5°	760.1	737.9	649.0	560.0	649.0	737.9	760.1	825.3	912.1	955.6	790.1
100°	1067.4	1040.9	935.0	829.0	935.0	1040.9	1067.4	1062.7	1056.3	1053.1	869.5
102.5°	1329.9	1307.2	1216.4	1125.7	1216.4	1307.2	1329.9	1246.9	1136.2	1080.8	894.5
105°	1636.2	1623.9	1575.2	1526.4	1575.2	1623.9	1636.2	1450.0	1201.8	1077.7	897.4
107.5°	1795.4	1798.4	1810.2	1822.0	1810.2	1798.4	1795.4	1535.8	1189.6	1016.5	857.4
110°	1836.3	1849.0	1899.8	1950.6	1899.8	1849.0	1836.3	1546.0	1158.9	965.4	822.0

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1810.3	1829.8	1907.8	1985.9	1907.8	1829.8	1810.3	1513.2	1117.0	919.0	791.1
115°	1722.0	1749.0	1857.2	1965.5	1857.2	1749.0	1722.0	1435.7	1054.0	863.2	755.6
117.5°	1599.9	1629.9	1750.0	1869.9	1750.0	1629.9	1599.9	1341.6	997.1	825.0	733.5
120°	1517.7	1546.9	1663.5	1780.1	1663.5	1546.9	1517.7	1281.7	967.1	809.7	726.0
122.5°	1435.5	1464.3	1579.3	1694.3	1579.3	1464.3	1435.5	1223.0	939.7	798.0	722.0
125°	1326.8	1353.3	1459.2	1565.2	1459.2	1353.3	1326.8	1146.2	905.5	785.2	718.8
127.5°	1239.5	1261.9	1351.2	1440.6	1351.2	1261.9	1239.5	1084.5	877.7	774.4	716.9
130°	1184.4	1205.0	1287.6	1370.2	1287.6	1205.0	1184.4	1046.3	862.4	770.4	718.1
132.5°	1137.4	1155.9	1229.8	1303.8	1229.8	1155.9	1137.4	1013.9	849.1	766.8	718.8
135°	1071.1	1087.1	1150.8	1214.5	1150.8	1087.1	1071.1	967.7	829.7	760.7	718.1
137.5°	1022.0	1035.0	1087.3	1139.4	1087.3	1035.0	1022.0	934.5	817.9	759.6	722.5
140°	982.7	995.0	1043.7	1092.5	1043.7	995.0	982.7	907.2	806.4	756.1	723.3
142.5°	955.1	965.6	1007.6	1049.6	1007.6	965.6	955.1	888.8	800.3	756.1	725.9
145°	913.8	921.8	953.6	985.3	953.6	921.8	913.8	859.5	787.1	750.9	725.9
147.5°	879.1	885.7	912.0	938.3	912.0	885.7	879.1	836.4	779.4	750.9	730.8
150°	859.2	864.5	885.9	907.2	885.9	864.5	859.2	823.1	775.0	750.9	733.5
152.5°	843.3	847.4	863.4	879.6	863.4	847.4	843.3	812.6	771.4	750.9	735.2
155°	824.5	827.2	837.8	848.5	837.8	827.2	824.5	799.9	767.3	750.9	738.9
157.5°	808.1	810.0	817.5	825.0	817.5	810.0	808.1	789.1	763.7	750.9	742.7
160°	799.9	801.0	805.4	809.7	805.4	801.0	799.9	783.6	761.8	750.9	744.3
162.5°	792.3	793.3	797.5	801.5	797.5	793.3	792.3	778.5	760.1	750.9	746.2
165°	780.5	781.6	785.9	790.3	785.9	781.6	780.5	770.7	757.5	750.9	748.8
167.5°	775.5	776.0	777.8	779.5	777.8	776.0	775.5	769.0	760.4	756.1	754.3
170°	775.5	775.5	775.5	775.5	775.5	775.5	775.5	769.0	760.4	756.1	756.0
172.5°	771.3	771.0	769.4	767.8	769.4	771.0	771.3	766.2	759.4	756.1	756.1
175°	765.7	765.7	765.7	765.7	765.7	765.7	765.7	762.5	758.2	756.1	757.1
177.5°	764.7	764.2	762.5	760.7	762.5	764.2	764.7	762.2	758.7	757.1	757.8
180°	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7	760.7

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	699.0	699.0	699.0	699.0	699.0
2.5°	690.4	693.7	695.6	698.3	704.9
5°	663.9	676.5	680.4	690.4	702.2
7.5°	605.7	644.1	654.6	678.5	697.0
10°	549.5	587.9	606.4	662.6	690.4
12.5°	521.1	543.6	556.1	634.8	681.1
15°	503.3	519.1	528.4	597.8	670.5
17.5°	489.4	500.6	507.2	561.4	656.0
20°	480.8	486.0	492.0	535.0	639.4
22.5°	474.8	471.5	476.1	516.5	616.9
25°	470.8	458.3	463.5	501.9	590.5
27.5°	474.2	446.4	448.3	488.7	562.7
30°	474.8	431.8	432.5	474.8	531.7
32.5°	470.1	416.6	417.3	457.6	496.6
35°	458.9	398.7	398.0	437.8	449.0
37.5°	443.7	379.6	379.6	415.9	396.8
40°	425.2	360.4	362.4	387.5	350.4
42.5°	402.7	339.9	342.5	349.8	316.1
45°	378.2	320.1	322.0	295.6	289.6
47.5°	351.1	299.5	300.2	245.3	281.0
50°	318.8	278.3	275.8	210.3	280.4
52.5°	290.3	255.3	247.3	190.4	254.6
55°	262.5	230.8	213.6	175.2	236.0
57.5°	238.0	199.1	182.5	157.4	232.1
60°	215.5	167.9	155.4	138.2	213.0
62.5°	197.1	144.8	142.2	125.0	193.1
65°	177.2	129.0	128.3	113.8	164.0
67.5°	158.1	118.3	117.7	103.1	125.0
70°	137.5	107.1	105.8	91.9	92.6
72.5°	116.3	94.6	93.3	82.6	76.7
75°	95.2	80.0	79.4	72.1	62.1
77.5°	74.7	63.5	64.8	58.2	45.7
80°	53.5	46.2	47.6	41.7	34.4
82.5°	35.7	30.5	31.7	26.4	23.2
85°	19.8	17.2	17.8	13.9	10.6
87.5°	9.3	7.9	7.9	5.3	3.4
90°	22.5	14.3	13.3	9.2	5.1
92.5°	138.5	98.5	89.8	55.1	20.4
95°	340.9	192.0	176.1	112.5	49.0
97.5°	459.1	210.8	196.8	140.7	84.7
100°	502.2	226.7	214.0	163.2	112.3
102.5°	521.9	242.5	230.6	183.2	135.8
105°	536.6	266.0	256.0	215.8	175.6
107.5°	539.3	300.7	291.4	253.9	216.4
110°	535.2	320.1	311.6	277.9	244.0



TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	535.3	343.5	335.4	303.3	271.1
115°	540.3	378.8	371.4	341.6	311.9
117.5°	550.4	413.0	406.3	379.3	352.3
120°	558.6	433.0	426.6	401.2	375.8
122.5°	570.3	456.4	450.0	424.4	398.7
125°	586.1	486.5	480.7	457.3	433.9
127.5°	601.9	515.6	509.7	486.1	462.5
130°	613.5	535.0	528.7	503.3	477.8
132.5°	622.9	550.9	544.6	519.1	493.7
135°	633.0	569.2	563.4	540.3	517.2
137.5°	648.3	592.7	587.0	564.0	541.1
140°	657.8	608.6	603.2	582.1	561.0
142.5°	665.6	620.3	615.4	595.8	576.3
145°	675.7	638.1	633.9	616.8	599.9
147.5°	690.7	660.6	656.5	639.9	623.3
150°	698.6	672.4	668.6	653.6	638.6
152.5°	703.7	680.0	677.2	665.8	654.5
155°	714.8	696.8	694.7	686.4	678.0
157.5°	726.1	713.7	711.6	703.5	695.3
160°	731.2	721.4	719.8	713.4	707.1
162.5°	736.6	729.5	728.4	723.5	718.8
165°	744.5	741.3	740.2	735.9	731.5
167.5°	750.6	747.9	747.4	745.3	743.3
170°	755.8	755.6	755.1	753.0	750.9
172.5°	756.1	756.1	756.0	755.5	755.1
175°	759.1	760.7	760.7	760.7	760.7
177.5°	759.5	760.7	760.7	760.7	760.7
180°	760.7	760.7	760.7	760.7	760.7

TEST NUMBER: P935483

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-4-3000K

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	8.63	9.32	9.77	10.44	12.01	11.43	12.12	12.56	13.24	14.81
	3H	9.10	9.71	10.24	10.84	12.43	12.75	13.37	13.89	14.50	16.08
	4H	9.28	9.86	10.43	11.00	12.58	13.18	13.77	14.33	14.90	16.49
	6H	9.39	9.93	10.55	11.06	12.66	13.45	13.99	14.61	15.12	16.72
	8H	9.39	9.90	10.55	11.05	12.64	13.52	14.03	14.68	15.18	16.77
	12H	9.35	9.84	10.52	10.98	12.59	13.54	14.03	14.71	15.17	16.79
4H	2H	9.64	10.22	10.79	11.35	12.94	11.82	12.40	12.98	13.54	15.12
	3H	10.65	11.13	11.81	12.29	13.89	13.30	13.79	14.46	14.94	16.54
	4H	10.91	11.36	12.08	12.51	14.13	13.81	14.26	14.98	15.41	17.03
	6H	11.03	11.41	12.20	12.58	14.19	14.16	14.54	15.33	15.71	17.32
	8H	11.03	11.39	12.20	12.55	14.18	14.26	14.62	15.43	15.78	17.40
	12H	10.99	11.32	12.18	12.49	14.12	14.30	14.63	15.49	15.80	17.43
8H	4H	11.35	11.71	12.52	12.87	14.49	13.92	14.28	15.09	15.44	17.07
	6H	11.60	11.90	12.79	13.10	14.72	14.35	14.64	15.53	15.84	17.47
	8H	11.64	11.90	12.84	13.08	14.73	14.49	14.75	15.69	15.93	17.57
	12H	11.62	11.85	12.82	13.03	14.70	14.57	14.80	15.77	15.98	17.65
12H	4H	11.35	11.67	12.53	12.84	14.47	13.88	14.20	15.07	15.38	17.01
	6H	11.66	11.92	12.86	13.10	14.74	14.34	14.60	15.54	15.78	17.42
	8H	11.72	11.95	12.92	13.12	14.80	14.49	14.71	15.69	15.89	17.57

END OF REPORT