

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: P935722

Luminaire Tested: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935722
REPORT IS A COMBINATION OF REPORTS P933766 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

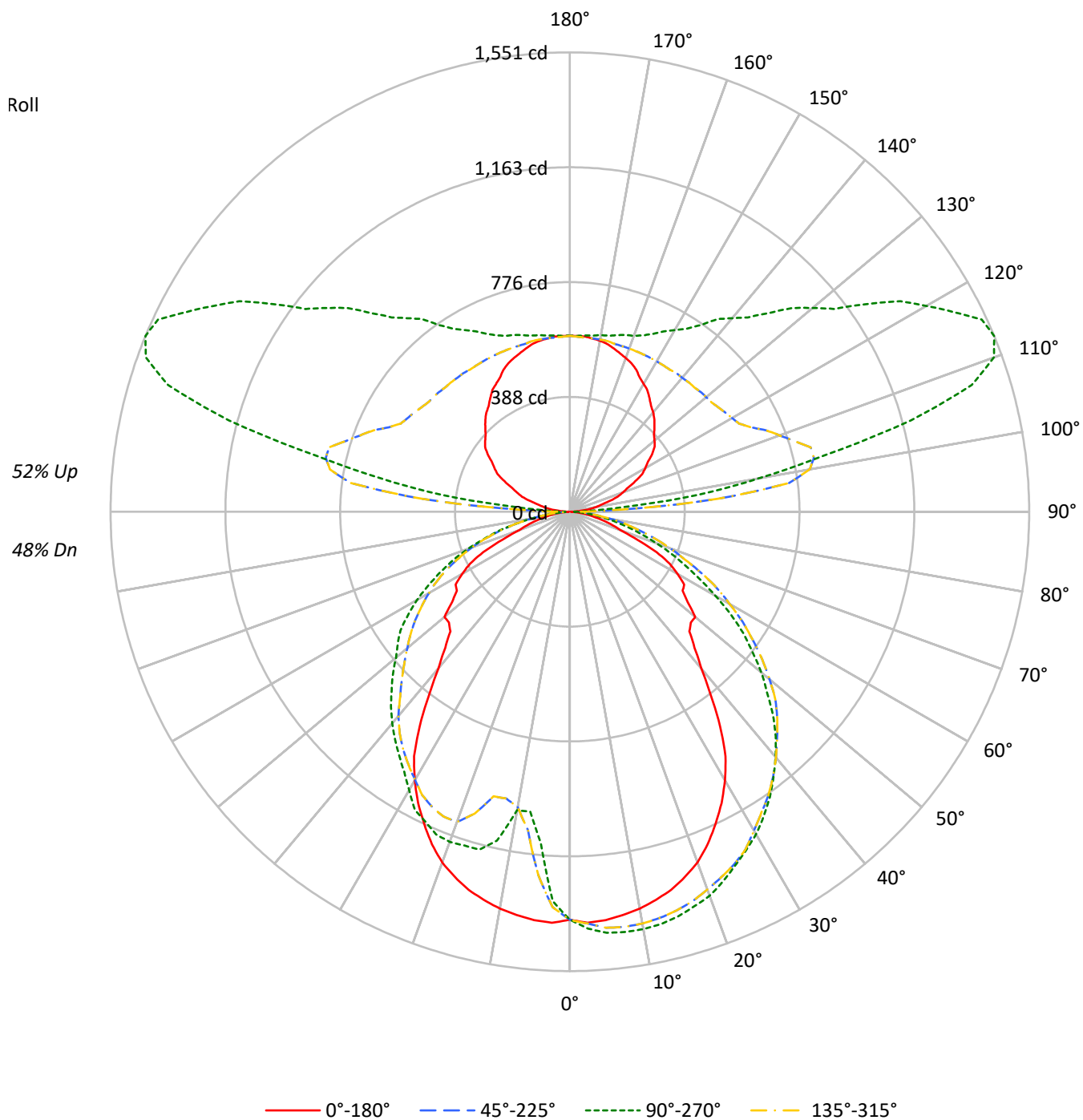
Lumens per Lamp: N/A
Luminaire Lumens: 7424.4 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.2
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



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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
RCR																	
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25
6	63	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12781	12781	12781	12781
5°	12862	12902	12862	10145
10°	12762	12709	12762	9086
15°	12609	12434	12609	10382
20°	12331	12108	12331	10404
25°	11776	11631	11776	10183
30°	11066	11237	11066	9700
35°	9850	10737	9850	9168
40°	8193	10148	8193	8765
45°	7307	9460	7307	8303
50°	7745	8639	7745	7839
55°	7266	7755	7266	7572
60°	7464	6587	7464	6934
65°	6735	5445	6735	6087
70°	4631	4340	4631	5100
75°	4017	3208	4017	3841
80°	3173	2121	3173	2309
85°	1731	1123	1731	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11221 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.3	1.7
10°-20°	353.0	4.8
20°-30°	545.7	7.3
30°-40°	651.4	8.8
40°-50°	655.3	8.8
50°-60°	570.2	7.7
60°-70°	404.2	5.4
70°-80°	213.9	2.9
80°-90°	55.5	0.7
90°-100°	289.6	3.9
100°-110°	761.3	10.3
110°-120°	789.4	10.6
120°-130°	633.1	8.5
130°-140°	496.8	6.7
140°-150°	381.3	5.1
150°-160°	274.6	3.7
160°-170°	168.0	2.3
170°-180°	56.8	0.8
0°-30°	1023.0	13.8
0°-40°	1674.5	22.6
0°-60°	2899.9	39.1
0°-90°	3573.5	48.1
90°-120°	1840.2	24.8
90°-150°	3351.4	45.1
90°-180°	3851.0	51.9
0°-180°	7424.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1377	1377	1377	1377	1377	
5°	1384	1427	1384	1122	1384	131
15°	1321	1414	1321	1181	1321	372
25°	1164	1319	1164	1154	1164	534
35°	885	1177	885	1005	885	547
45°	571	970	571	851	571	457
55°	465	715	465	698	465	427
65°	323	431	323	482	323	309
75°	122	205	122	245	122	129
85°	21	52	21	44	21	28
90°	4	15	4	15	4	4
95°	38	175	38	175	38	42
105°	137	1192	137	1192	137	145
115°	244	1535	244	1535	244	241
125°	339	1222	339	1222	339	301
135°	404	948	404	948	404	312
145°	468	770	468	770	468	293
155°	530	663	530	663	530	243
165°	571	617	571	617	571	161
175°	594	598	594	598	594	56
180°	594	594	594	594	594	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4
2.5°	1389.1	1389.1	1396.9	1399.6	1399.6	1395.6	1391.7	1395.6	1407.3	1411.3	1409.9
5°	1383.8	1394.3	1408.6	1411.3	1413.9	1412.6	1409.9	1412.6	1425.6	1428.2	1429.5
7.5°	1373.4	1393.0	1411.3	1415.2	1419.0	1415.2	1413.9	1416.5	1429.5	1432.1	1432.1
10°	1360.4	1387.8	1408.6	1411.3	1415.2	1411.3	1411.3	1416.5	1429.5	1432.1	1433.4
12.5°	1342.2	1380.0	1399.6	1402.1	1407.3	1406.0	1404.7	1409.9	1423.0	1425.6	1425.6
15°	1321.3	1365.7	1383.8	1386.5	1395.6	1393.0	1393.0	1398.2	1412.6	1416.5	1415.2
17.5°	1292.7	1347.4	1368.2	1372.1	1378.7	1377.4	1378.7	1383.8	1396.9	1399.6	1400.8
20°	1260.1	1322.6	1347.4	1351.3	1357.8	1357.8	1357.8	1364.4	1377.4	1382.6	1382.6
22.5°	1215.8	1296.6	1322.6	1325.2	1333.0	1333.0	1335.6	1344.8	1356.5	1357.8	1357.8
25°	1163.6	1267.9	1290.1	1297.9	1305.7	1309.6	1313.5	1318.7	1322.6	1321.3	1322.6
27.5°	1109.0	1231.4	1260.1	1265.3	1275.7	1279.7	1284.8	1286.1	1287.4	1291.4	1288.7
30°	1047.7	1180.6	1223.6	1228.8	1245.8	1248.3	1243.2	1245.8	1252.3	1254.9	1257.5
32.5°	978.6	1105.0	1185.8	1197.5	1213.2	1205.4	1204.0	1208.0	1218.4	1218.4	1221.0
35°	884.8	1046.4	1150.6	1161.1	1172.8	1163.6	1168.9	1170.2	1176.7	1180.6	1179.3
37.5°	781.9	995.5	1114.1	1122.0	1131.1	1119.3	1127.2	1131.1	1136.3	1133.7	1133.7
40°	690.6	916.1	1071.1	1076.4	1084.2	1075.1	1082.9	1085.5	1088.1	1085.5	1084.2
42.5°	622.9	828.8	1025.6	1032.0	1026.8	1033.3	1036.0	1041.2	1037.3	1032.0	1032.0
45°	570.7	805.3	976.0	983.8	976.0	986.4	990.4	990.4	978.6	976.0	974.7
47.5°	553.8	758.4	926.5	926.5	922.6	935.6	942.1	933.0	921.3	917.4	917.4
50°	552.5	706.2	858.7	853.5	871.8	887.4	880.9	871.8	862.6	848.3	848.3
52.5°	501.7	642.4	771.5	790.9	819.7	828.8	818.4	809.2	793.6	787.1	781.9
55°	465.2	576.0	691.9	731.0	761.0	772.7	753.2	744.1	720.6	716.7	714.1
57.5°	457.4	479.6	619.0	668.5	704.9	703.7	691.9	675.0	655.4	651.6	650.3
60°	419.6	346.7	540.8	599.4	637.2	633.3	622.9	607.2	589.0	586.4	583.8
62.5°	380.5	251.5	452.1	518.6	572.0	570.7	561.6	538.2	525.1	518.6	513.4
65°	323.2	211.1	321.9	431.4	508.2	510.8	491.3	474.3	460.0	452.1	450.8
67.5°	246.2	172.0	217.6	359.7	447.0	444.4	419.6	411.8	393.5	389.6	381.8
70°	182.4	114.7	151.2	291.9	387.0	380.5	361.0	351.8	334.9	325.8	320.6
72.5°	151.2	92.6	110.7	226.8	325.8	317.9	301.0	290.6	276.3	268.4	263.2
75°	122.5	97.7	84.7	168.1	264.5	259.3	243.7	233.2	221.5	211.1	212.4
77.5°	89.9	91.2	67.8	123.8	209.8	202.0	192.9	179.8	174.6	164.2	164.2
80°	67.8	71.7	50.8	84.7	151.2	151.2	143.4	134.2	125.1	119.9	119.9
82.5°	45.6	45.6	37.8	53.4	102.9	99.0	93.8	91.2	86.0	83.4	83.4
85°	20.9	26.0	23.5	32.6	56.1	58.7	58.7	56.1	54.7	52.1	53.4
87.5°	6.5	11.7	14.3	18.2	28.6	30.0	31.3	31.3	31.3	32.6	32.6
90°	4.0	7.2	10.4	11.2	17.6	26.0	30.3	26.9	20.2	15.2	15.2
92.5°	15.9	43.0	70.1	76.9	108.2	149.8	170.6	149.5	107.4	75.8	72.8
95°	38.3	87.9	137.5	149.9	266.2	421.2	498.7	445.1	337.7	257.2	248.0
97.5°	66.1	109.9	153.7	164.6	358.5	617.0	746.3	712.3	644.5	593.6	576.3
100°	87.7	127.4	167.1	177.0	392.2	679.0	822.4	824.9	829.9	833.6	812.9
102.5°	106.0	143.1	180.1	189.3	407.6	698.5	844.0	887.3	973.7	1038.6	1020.9
105°	137.1	168.6	199.9	207.7	419.0	700.8	841.6	938.6	1132.4	1277.7	1268.2
107.5°	169.0	198.3	227.5	234.8	421.2	669.6	793.8	929.0	1199.4	1402.1	1404.4
110°	190.6	217.0	243.3	249.9	418.0	641.9	753.9	905.1	1207.4	1434.0	1444.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	211.7	236.9	262.0	268.3	418.0	617.8	717.6	872.3	1181.7	1413.7	1429.0
115°	243.6	266.8	290.1	295.8	422.0	590.1	674.1	823.1	1121.2	1344.7	1365.8
117.5°	275.1	296.2	317.3	322.6	429.8	572.8	644.3	778.7	1047.7	1249.4	1272.8
120°	293.4	313.3	333.2	338.1	436.2	567.0	632.3	755.2	1000.9	1185.3	1208.1
122.5°	311.4	331.4	351.4	356.4	445.4	563.9	623.2	733.8	955.1	1121.0	1143.5
125°	338.9	357.1	375.4	379.9	457.7	561.3	613.2	707.2	895.1	1036.1	1056.8
127.5°	361.2	379.6	398.0	402.6	470.0	559.9	604.8	685.5	846.9	968.0	985.4
130°	373.1	393.0	412.9	417.8	479.1	560.8	601.6	673.4	817.1	924.9	941.0
132.5°	385.5	405.4	425.3	430.2	486.4	561.3	598.8	663.1	791.8	888.3	902.7
135°	403.9	422.0	440.0	444.5	494.3	560.8	594.1	648.0	755.7	836.5	848.9
137.5°	422.6	440.4	458.4	462.8	506.3	564.3	593.2	638.7	729.8	798.1	808.3
140°	438.1	454.6	471.1	475.2	513.7	564.9	590.4	629.8	708.5	767.5	777.0
142.5°	450.1	465.3	480.6	484.4	519.8	566.9	590.4	625.0	694.1	745.9	754.1
145°	468.5	481.7	495.0	498.3	527.7	566.9	586.4	614.7	671.2	713.6	719.9
147.5°	486.8	499.7	512.7	515.9	539.4	570.7	586.4	608.7	653.2	686.5	691.7
150°	498.7	510.4	522.1	525.1	545.5	572.8	586.4	605.2	642.8	671.0	675.1
152.5°	511.1	520.0	528.8	531.1	549.5	574.1	586.4	602.4	634.6	658.6	661.7
155°	529.5	536.0	542.5	544.2	558.2	577.0	586.4	599.2	624.7	643.9	646.0
157.5°	543.0	549.4	555.7	557.3	567.0	580.0	586.4	596.4	616.2	631.1	632.6
160°	552.2	557.1	562.1	563.3	571.0	581.3	586.4	594.9	611.9	624.7	625.5
162.5°	561.3	565.0	568.8	569.7	575.3	582.7	586.4	593.6	608.0	618.8	619.5
165°	571.3	574.7	578.0	578.9	581.4	584.7	586.4	591.6	601.8	609.5	610.4
167.5°	580.5	582.0	583.7	584.0	586.2	589.1	590.4	593.8	600.5	605.6	606.0
170°	586.4	588.0	589.7	590.1	590.2	590.4	590.4	593.8	600.5	605.6	605.6
172.5°	589.7	590.0	590.4	590.4	590.4	590.4	590.4	593.1	598.4	602.4	602.1
175°	594.1	594.1	594.1	594.1	592.8	591.2	590.4	592.1	595.4	598.0	598.0
177.5°	594.1	594.1	594.1	594.1	593.1	591.8	591.2	592.5	595.2	597.2	596.8
180°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4
2.5°	1412.6	1408.6	1412.6	1409.9	1411.3	1407.3	1395.6	1391.7	1395.6	1399.6	1399.6
5°	1429.5	1426.9	1429.5	1429.5	1428.2	1425.6	1412.6	1409.9	1412.6	1413.9	1411.3
7.5°	1434.7	1430.8	1434.7	1432.1	1432.1	1429.5	1416.5	1413.9	1415.2	1419.0	1415.2
10°	1434.7	1430.8	1434.7	1433.4	1432.1	1429.5	1416.5	1411.3	1411.3	1415.2	1411.3
12.5°	1428.2	1425.6	1428.2	1425.6	1425.6	1423.0	1409.9	1404.7	1406.0	1407.3	1402.1
15°	1417.7	1413.9	1417.7	1415.2	1416.5	1412.6	1398.2	1393.0	1393.0	1395.6	1386.5
17.5°	1402.1	1396.9	1402.1	1400.8	1399.6	1396.9	1383.8	1378.7	1377.4	1378.7	1372.1
20°	1383.8	1380.0	1383.8	1382.6	1382.6	1377.4	1364.4	1357.8	1357.8	1357.8	1351.3
22.5°	1355.2	1351.3	1355.2	1357.8	1357.8	1356.5	1344.8	1335.6	1333.0	1333.0	1325.2
25°	1322.6	1318.7	1322.6	1322.6	1321.3	1322.6	1318.7	1313.5	1309.6	1305.7	1297.9
27.5°	1291.4	1288.7	1291.4	1288.7	1291.4	1287.4	1286.1	1284.8	1279.7	1275.7	1265.3
30°	1260.1	1257.5	1260.1	1257.5	1254.9	1252.3	1245.8	1243.2	1248.3	1245.8	1228.8
32.5°	1221.0	1218.4	1221.0	1221.0	1218.4	1218.4	1208.0	1204.0	1205.4	1213.2	1197.5
35°	1180.6	1176.7	1180.6	1179.3	1180.6	1176.7	1170.2	1168.9	1163.6	1172.8	1161.1
37.5°	1133.7	1129.7	1133.7	1133.7	1133.7	1136.3	1131.1	1127.2	1119.3	1131.1	1122.0
40°	1085.5	1080.2	1085.5	1084.2	1085.5	1088.1	1085.5	1082.9	1075.1	1084.2	1076.4
42.5°	1030.7	1029.4	1030.7	1032.0	1032.0	1037.3	1041.2	1036.0	1033.3	1026.8	1032.0
45°	972.1	969.5	972.1	974.7	976.0	978.6	990.4	990.4	986.4	976.0	983.8
47.5°	909.5	903.1	909.5	917.4	917.4	921.3	933.0	942.1	935.6	922.6	926.5
50°	843.1	844.4	843.1	848.3	848.3	862.6	871.8	880.9	887.4	871.8	853.5
52.5°	777.9	776.6	777.9	781.9	787.1	793.6	809.2	818.4	828.8	819.7	790.9
55°	712.8	715.4	712.8	714.1	716.7	720.6	744.1	753.2	772.7	761.0	731.0
57.5°	647.6	643.7	647.6	650.3	651.6	655.4	675.0	691.9	703.7	704.9	668.5
60°	572.0	566.9	572.0	583.8	586.4	589.0	607.2	622.9	633.3	637.2	599.4
62.5°	505.6	496.5	505.6	513.4	518.6	525.1	538.2	561.6	570.7	572.0	518.6
65°	435.2	431.4	435.2	450.8	452.1	460.0	474.3	491.3	510.8	508.2	431.4
67.5°	371.4	371.4	371.4	381.8	389.6	393.5	411.8	419.6	444.4	447.0	359.7
70°	312.8	311.5	312.8	320.6	325.8	334.9	351.8	361.0	380.5	387.0	291.9
72.5°	256.7	255.4	256.7	263.2	268.4	276.3	290.6	301.0	317.9	325.8	226.8
75°	207.2	204.6	207.2	212.4	211.1	221.5	233.2	243.7	259.3	264.5	168.1
77.5°	159.0	159.0	159.0	164.2	164.2	174.6	179.8	192.9	202.0	209.8	123.8
80°	118.6	117.3	118.6	119.9	119.9	125.1	134.2	143.4	151.2	151.2	84.7
82.5°	83.4	80.8	83.4	83.4	83.4	86.0	91.2	93.8	99.0	102.9	53.4
85°	52.1	52.1	52.1	53.4	52.1	54.7	56.1	58.7	58.7	56.1	32.6
87.5°	33.9	32.6	33.9	32.6	32.6	31.3	31.3	31.3	30.0	28.6	18.2
90°	15.2	15.2	15.2	15.2	15.2	20.2	26.9	30.3	26.0	17.6	11.2
92.5°	60.7	48.7	60.7	72.8	75.8	107.4	149.5	170.6	149.8	108.2	76.9
95°	211.5	175.0	211.5	248.0	257.2	337.7	445.1	498.7	421.2	266.2	149.9
97.5°	506.8	437.4	506.8	576.3	593.6	644.5	712.3	746.3	617.0	358.5	164.6
100°	730.2	647.4	730.2	812.9	833.6	829.9	824.9	822.4	679.0	392.2	177.0
102.5°	949.9	879.1	949.9	1020.9	1038.6	973.7	887.3	844.0	698.5	407.6	189.3
105°	1230.2	1192.0	1230.2	1268.2	1277.7	1132.4	938.6	841.6	700.8	419.0	207.7
107.5°	1413.6	1422.9	1413.6	1404.4	1402.1	1199.4	929.0	793.8	669.6	421.2	234.8
110°	1483.6	1523.3	1483.6	1444.0	1434.0	1207.4	905.1	753.9	641.9	418.0	249.9

TEST NUMBER: P935722

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1489.9	1550.9	1489.9	1429.0	1413.7	1181.7	872.3	717.6	617.8	418.0	268.3
115°	1450.4	1534.9	1450.4	1365.8	1344.7	1121.2	823.1	674.1	590.1	422.0	295.8
117.5°	1366.6	1460.3	1366.6	1272.8	1249.4	1047.7	778.7	644.3	572.8	429.8	322.6
120°	1299.1	1390.2	1299.1	1208.1	1185.3	1000.9	755.2	632.3	567.0	436.2	338.1
122.5°	1233.3	1323.2	1233.3	1143.5	1121.0	955.1	733.8	623.2	563.9	445.4	356.4
125°	1139.5	1222.3	1139.5	1056.8	1036.1	895.1	707.2	613.2	561.3	457.7	379.9
127.5°	1055.2	1125.0	1055.2	985.4	968.0	846.9	685.5	604.8	559.9	470.0	402.6
130°	1005.5	1070.1	1005.5	941.0	924.9	817.1	673.4	601.6	560.8	479.1	417.8
132.5°	960.4	1018.2	960.4	902.7	888.3	791.8	663.1	598.8	561.3	486.4	430.2
135°	898.7	948.4	898.7	848.9	836.5	755.7	648.0	594.1	560.8	494.3	444.5
137.5°	849.1	889.8	849.1	808.3	798.1	729.8	638.7	593.2	564.3	506.3	462.8
140°	815.0	853.2	815.0	777.0	767.5	708.5	629.8	590.4	564.9	513.7	475.2
142.5°	786.9	819.7	786.9	754.1	745.9	694.1	625.0	590.4	566.9	519.8	484.4
145°	744.7	769.5	744.7	719.9	713.6	671.2	614.7	586.4	566.9	527.7	498.3
147.5°	712.2	732.7	712.2	691.7	686.5	653.2	608.7	586.4	570.7	539.4	515.9
150°	691.8	708.5	691.8	675.1	671.0	642.8	605.2	586.4	572.8	545.5	525.1
152.5°	674.3	686.9	674.3	661.7	658.6	634.6	602.4	586.4	574.1	549.5	531.1
155°	654.3	662.6	654.3	646.0	643.9	624.7	599.2	586.4	577.0	558.2	544.2
157.5°	638.4	644.3	638.4	632.6	631.1	616.2	596.4	586.4	580.0	567.0	557.3
160°	628.9	632.3	628.9	625.5	624.7	611.9	594.9	586.4	581.3	571.0	563.3
162.5°	622.8	625.9	622.8	619.5	618.8	608.0	593.6	586.4	582.7	575.3	569.7
165°	613.8	617.2	613.8	610.4	609.5	601.8	591.6	586.4	584.7	581.4	578.9
167.5°	607.4	608.8	607.4	606.0	605.6	600.5	593.8	590.4	589.1	586.2	584.0
170°	605.6	605.6	605.6	605.6	605.6	600.5	593.8	590.4	590.4	590.2	590.1
172.5°	600.8	599.6	600.8	602.1	602.4	598.4	593.1	590.4	590.4	590.4	590.4
175°	598.0	598.0	598.0	598.0	598.0	595.4	592.1	590.4	591.2	592.8	594.1
177.5°	595.4	594.1	595.4	596.8	597.2	595.2	592.5	591.2	591.8	593.1	594.1
180°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1

TEST NUMBER: P935722

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4
2.5°	1396.9	1389.1	1389.1	1376.1	1370.8	1366.9	1360.4	1340.9	1335.6	1330.5	1338.3
5°	1408.6	1394.3	1383.8	1360.4	1340.9	1333.0	1308.3	1261.4	1230.2	1206.7	1193.7
7.5°	1411.3	1393.0	1373.4	1337.0	1290.1	1269.2	1193.7	1107.6	1084.2	1063.3	1050.3
10°	1408.6	1387.8	1360.4	1305.7	1195.0	1158.5	1082.9	1026.8	1012.5	1008.6	1012.5
12.5°	1399.6	1380.0	1342.2	1250.9	1095.9	1071.1	1026.8	994.2	991.7	998.2	1033.3
15°	1383.8	1365.7	1321.3	1178.0	1041.2	1022.9	991.7	979.9	994.2	1039.9	1145.5
17.5°	1368.2	1347.4	1292.7	1106.3	999.5	986.4	964.3	987.8	1068.5	1129.7	1164.9
20°	1347.4	1322.6	1260.1	1054.2	969.5	957.8	947.3	1052.9	1114.1	1136.3	1155.8
22.5°	1322.6	1296.6	1215.8	1017.7	938.2	929.1	935.6	1089.4	1114.1	1129.7	1146.7
25°	1290.1	1267.9	1163.6	989.1	913.5	903.1	927.8	1085.5	1099.8	1103.7	1137.6
27.5°	1260.1	1231.4	1109.0	963.0	883.5	879.6	934.3	1068.5	1078.9	1082.9	1119.3
30°	1223.6	1180.6	1047.7	935.6	852.2	850.9	935.6	1047.7	1045.0	1055.5	1092.0
32.5°	1185.8	1105.0	978.6	901.7	822.3	821.0	926.5	1016.4	1013.8	1028.1	1055.5
35°	1150.6	1046.4	884.8	862.6	784.5	785.8	904.4	979.9	981.2	994.2	1011.2
37.5°	1114.1	995.5	781.9	819.7	748.0	748.0	874.3	946.0	943.4	947.3	970.8
40°	1071.1	916.1	690.6	763.6	714.1	710.2	837.9	909.5	900.4	899.1	931.7
42.5°	1025.6	828.8	622.9	689.3	675.0	669.8	793.6	865.2	848.3	852.2	893.9
45°	976.0	805.3	570.7	582.5	634.6	630.7	745.4	814.4	802.7	813.1	856.2
47.5°	926.5	758.4	553.8	483.5	591.6	590.3	691.9	764.9	758.4	768.8	814.4
50°	858.7	706.2	552.5	414.4	543.4	548.6	628.1	716.7	716.7	725.8	774.0
52.5°	771.5	642.4	501.7	375.3	487.3	503.0	572.0	675.0	677.6	686.8	729.7
55°	691.9	576.0	465.2	345.3	420.9	454.8	517.4	632.0	637.2	646.3	685.5
57.5°	619.0	479.6	457.4	310.2	359.7	392.2	469.1	590.3	592.9	600.8	638.5
60°	540.8	346.7	419.6	272.3	306.2	330.9	424.8	540.8	549.9	555.1	587.7
62.5°	452.1	251.5	380.5	246.2	280.1	285.4	388.3	493.9	505.6	509.5	529.1
65°	321.9	211.1	323.2	224.1	252.8	254.1	349.2	445.7	456.1	462.6	476.9
67.5°	217.6	172.0	246.2	203.3	231.9	233.2	311.5	389.6	403.9	409.2	418.3
70°	151.2	114.7	182.4	181.1	208.5	211.1	271.0	338.8	351.8	355.7	361.0
72.5°	110.7	92.6	151.2	162.9	183.7	186.3	229.3	281.4	294.5	298.4	301.0
75°	84.7	97.7	122.5	142.1	156.4	157.7	187.6	229.3	238.5	241.1	242.4
77.5°	67.8	91.2	89.9	114.7	127.7	125.1	147.2	177.3	185.0	185.0	185.0
80°	50.8	71.7	67.8	82.1	93.8	91.2	105.6	126.4	129.0	131.6	130.3
82.5°	37.8	45.6	45.6	52.1	62.5	59.9	70.4	82.1	82.1	82.1	84.7
85°	23.5	26.0	20.9	27.3	35.2	33.9	39.1	44.3	45.6	45.6	43.0
87.5°	14.3	11.7	6.5	10.4	15.6	15.6	18.2	19.6	18.2	18.2	18.2
90°	10.4	7.2	4.0	7.2	10.4	11.2	17.6	26.0	30.3	26.9	20.2
92.5°	70.1	43.0	15.9	43.0	70.1	76.9	108.2	149.8	170.6	149.5	107.4
95°	137.5	87.9	38.3	87.9	137.5	149.9	266.2	421.2	498.7	445.1	337.7
97.5°	153.7	109.9	66.1	109.9	153.7	164.6	358.5	617.0	746.3	712.3	644.5
100°	167.1	127.4	87.7	127.4	167.1	177.0	392.2	679.0	822.4	824.9	829.9
102.5°	180.1	143.1	106.0	143.1	180.1	189.3	407.6	698.5	844.0	887.3	973.7
105°	199.9	168.6	137.1	168.6	199.9	207.7	419.0	700.8	841.6	938.6	1132.4
107.5°	227.5	198.3	169.0	198.3	227.5	234.8	421.2	669.6	793.8	929.0	1199.4
110°	243.3	217.0	190.6	217.0	243.3	249.9	418.0	641.9	753.9	905.1	1207.4

TEST NUMBER: P935722

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	262.0	236.9	211.7	236.9	262.0	268.3	418.0	617.8	717.6	872.3	1181.7
115°	290.1	266.8	243.6	266.8	290.1	295.8	422.0	590.1	674.1	823.1	1121.2
117.5°	317.3	296.2	275.1	296.2	317.3	322.6	429.8	572.8	644.3	778.7	1047.7
120°	333.2	313.3	293.4	313.3	333.2	338.1	436.2	567.0	632.3	755.2	1000.9
122.5°	351.4	331.4	311.4	331.4	351.4	356.4	445.4	563.9	623.2	733.8	955.1
125°	375.4	357.1	338.9	357.1	375.4	379.9	457.7	561.3	613.2	707.2	895.1
127.5°	398.0	379.6	361.2	379.6	398.0	402.6	470.0	559.9	604.8	685.5	846.9
130°	412.9	393.0	373.1	393.0	412.9	417.8	479.1	560.8	601.6	673.4	817.1
132.5°	425.3	405.4	385.5	405.4	425.3	430.2	486.4	561.3	598.8	663.1	791.8
135°	440.0	422.0	403.9	422.0	440.0	444.5	494.3	560.8	594.1	648.0	755.7
137.5°	458.4	440.4	422.6	440.4	458.4	462.8	506.3	564.3	593.2	638.7	729.8
140°	471.1	454.6	438.1	454.6	471.1	475.2	513.7	564.9	590.4	629.8	708.5
142.5°	480.6	465.3	450.1	465.3	480.6	484.4	519.8	566.9	590.4	625.0	694.1
145°	495.0	481.7	468.5	481.7	495.0	498.3	527.7	566.9	586.4	614.7	671.2
147.5°	512.7	499.7	486.8	499.7	512.7	515.9	539.4	570.7	586.4	608.7	653.2
150°	522.1	510.4	498.7	510.4	522.1	525.1	545.5	572.8	586.4	605.2	642.8
152.5°	528.8	520.0	511.1	520.0	528.8	531.1	549.5	574.1	586.4	602.4	634.6
155°	542.5	536.0	529.5	536.0	542.5	544.2	558.2	577.0	586.4	599.2	624.7
157.5°	555.7	549.4	543.0	549.4	555.7	557.3	567.0	580.0	586.4	596.4	616.2
160°	562.1	557.1	552.2	557.1	562.1	563.3	571.0	581.3	586.4	594.9	611.9
162.5°	568.8	565.0	561.3	565.0	568.8	569.7	575.3	582.7	586.4	593.6	608.0
165°	578.0	574.7	571.3	574.7	578.0	578.9	581.4	584.7	586.4	591.6	601.8
167.5°	583.7	582.0	580.5	582.0	583.7	584.0	586.2	589.1	590.4	593.8	600.5
170°	589.7	588.0	586.4	588.0	589.7	590.1	590.2	590.4	590.4	593.8	600.5
172.5°	590.4	590.0	589.7	590.0	590.4	590.4	590.4	590.4	590.4	593.1	598.4
175°	594.1	594.1	594.1	594.1	594.1	594.1	592.8	591.2	590.4	592.1	595.4
177.5°	594.1	594.1	594.1	594.1	594.1	594.1	593.1	591.8	591.2	592.5	595.2
180°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1

TEST NUMBER: P935722

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4	1377.4
2.5°	1329.2	1325.2	1330.5	1316.1	1330.5	1325.2	1329.2	1338.3	1330.5	1335.6	1340.9
5°	1166.2	1159.8	1138.9	1122.0	1138.9	1159.8	1166.2	1193.7	1206.7	1230.2	1261.4
7.5°	1042.5	1037.3	1032.0	1021.6	1032.0	1037.3	1042.5	1050.3	1063.3	1084.2	1107.6
10°	1015.1	1016.4	1024.3	1022.9	1024.3	1016.4	1015.1	1012.5	1008.6	1012.5	1026.8
12.5°	1085.5	1097.2	1140.2	1137.6	1140.2	1097.2	1085.5	1033.3	998.2	991.7	994.2
15°	1166.2	1170.2	1179.3	1180.6	1179.3	1170.2	1166.2	1145.5	1039.9	994.2	979.9
17.5°	1174.1	1175.4	1181.9	1181.9	1181.9	1175.4	1174.1	1164.9	1129.7	1068.5	987.8
20°	1167.6	1170.2	1183.2	1185.8	1183.2	1170.2	1167.6	1155.8	1136.3	1114.1	1052.9
22.5°	1164.9	1170.2	1180.6	1179.3	1180.6	1170.2	1164.9	1146.7	1129.7	1114.1	1089.4
25°	1151.9	1151.9	1153.2	1154.5	1153.2	1151.9	1151.9	1137.6	1103.7	1099.8	1085.5
27.5°	1124.6	1127.2	1135.0	1133.7	1135.0	1127.2	1124.6	1119.3	1082.9	1078.9	1068.5
30°	1099.8	1097.2	1090.7	1085.5	1090.7	1097.2	1099.8	1092.0	1055.5	1045.0	1047.7
32.5°	1058.1	1051.6	1045.0	1041.2	1045.0	1051.6	1058.1	1055.5	1028.1	1013.8	1016.4
35°	1008.6	1009.9	1008.6	1004.7	1008.6	1009.9	1008.6	1011.2	994.2	981.2	979.9
37.5°	973.4	976.0	974.7	969.5	974.7	976.0	973.4	970.8	947.3	943.4	946.0
40°	936.9	938.2	936.9	933.0	936.9	938.2	936.9	931.7	899.1	900.4	909.5
42.5°	901.7	900.4	896.5	893.9	896.5	900.4	901.7	893.9	852.2	848.3	865.2
45°	861.3	862.6	854.9	850.9	854.9	862.6	861.3	856.2	813.1	802.7	814.4
47.5°	821.0	821.0	814.4	810.5	814.4	821.0	821.0	814.4	768.8	758.4	764.9
50°	777.9	776.6	767.5	766.2	767.5	776.6	777.9	774.0	725.8	716.7	716.7
52.5°	728.4	728.4	729.7	732.3	729.7	728.4	728.4	729.7	686.8	677.6	675.0
55°	685.5	686.8	695.8	698.5	695.8	686.8	685.5	685.5	646.3	637.2	632.0
57.5°	641.1	641.1	647.6	647.6	647.6	641.1	641.1	638.5	600.8	592.9	590.3
60°	590.3	592.9	598.1	596.8	598.1	592.9	590.3	587.7	555.1	549.9	540.8
62.5°	536.8	539.5	540.8	538.2	540.8	539.5	536.8	529.1	509.5	505.6	493.9
65°	480.9	483.5	484.7	482.2	484.7	483.5	480.9	476.9	462.6	456.1	445.7
67.5°	423.5	422.2	420.9	426.1	420.9	422.2	423.5	418.3	409.2	403.9	389.6
70°	364.8	364.8	363.6	366.1	363.6	364.8	364.8	361.0	355.7	351.8	338.8
72.5°	302.3	301.0	306.2	302.3	306.2	301.0	302.3	301.0	298.4	294.5	281.4
75°	241.1	243.7	241.1	245.0	241.1	243.7	241.1	242.4	241.1	238.5	229.3
77.5°	183.7	186.3	183.7	183.7	183.7	186.3	183.7	185.0	185.0	185.0	177.3
80°	130.3	129.0	129.0	127.7	129.0	129.0	130.3	130.3	131.6	129.0	126.4
82.5°	83.4	82.1	82.1	84.7	82.1	82.1	83.4	84.7	82.1	82.1	82.1
85°	45.6	46.9	44.3	44.3	44.3	46.9	45.6	43.0	45.6	45.6	44.3
87.5°	16.9	15.6	15.6	15.6	15.6	15.6	16.9	18.2	18.2	18.2	19.6
90°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	20.2	26.9	30.3	26.0
92.5°	75.8	72.8	60.7	48.7	60.7	72.8	75.8	107.4	149.5	170.6	149.8
95°	257.2	248.0	211.5	175.0	211.5	248.0	257.2	337.7	445.1	498.7	421.2
97.5°	593.6	576.3	506.8	437.4	506.8	576.3	593.6	644.5	712.3	746.3	617.0
100°	833.6	812.9	730.2	647.4	730.2	812.9	833.6	829.9	824.9	822.4	679.0
102.5°	1038.6	1020.9	949.9	879.1	949.9	1020.9	1038.6	973.7	887.3	844.0	698.5
105°	1277.7	1268.2	1230.2	1192.0	1230.2	1268.2	1277.7	1132.4	938.6	841.6	700.8
107.5°	1402.1	1404.4	1413.6	1422.9	1413.6	1404.4	1402.1	1199.4	929.0	793.8	669.6
110°	1434.0	1444.0	1483.6	1523.3	1483.6	1444.0	1434.0	1207.4	905.1	753.9	641.9

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1413.7	1429.0	1489.9	1550.9	1489.9	1429.0	1413.7	1181.7	872.3	717.6	617.8
115°	1344.7	1365.8	1450.4	1534.9	1450.4	1365.8	1344.7	1121.2	823.1	674.1	590.1
117.5°	1249.4	1272.8	1366.6	1460.3	1366.6	1272.8	1249.4	1047.7	778.7	644.3	572.8
120°	1185.3	1208.1	1299.1	1390.2	1299.1	1208.1	1185.3	1000.9	755.2	632.3	567.0
122.5°	1121.0	1143.5	1233.3	1323.2	1233.3	1143.5	1121.0	955.1	733.8	623.2	563.9
125°	1036.1	1056.8	1139.5	1222.3	1139.5	1056.8	1036.1	895.1	707.2	613.2	561.3
127.5°	968.0	985.4	1055.2	1125.0	1055.2	985.4	968.0	846.9	685.5	604.8	559.9
130°	924.9	941.0	1005.5	1070.1	1005.5	941.0	924.9	817.1	673.4	601.6	560.8
132.5°	888.3	902.7	960.4	1018.2	960.4	902.7	888.3	791.8	663.1	598.8	561.3
135°	836.5	848.9	898.7	948.4	898.7	848.9	836.5	755.7	648.0	594.1	560.8
137.5°	798.1	808.3	849.1	889.8	849.1	808.3	798.1	729.8	638.7	593.2	564.3
140°	767.5	777.0	815.0	853.2	815.0	777.0	767.5	708.5	629.8	590.4	564.9
142.5°	745.9	754.1	786.9	819.7	786.9	754.1	745.9	694.1	625.0	590.4	566.9
145°	713.6	719.9	744.7	769.5	744.7	719.9	713.6	671.2	614.7	586.4	566.9
147.5°	686.5	691.7	712.2	732.7	712.2	691.7	686.5	653.2	608.7	586.4	570.7
150°	671.0	675.1	691.8	708.5	691.8	675.1	671.0	642.8	605.2	586.4	572.8
152.5°	658.6	661.7	674.3	686.9	674.3	661.7	658.6	634.6	602.4	586.4	574.1
155°	643.9	646.0	654.3	662.6	654.3	646.0	643.9	624.7	599.2	586.4	577.0
157.5°	631.1	632.6	638.4	644.3	638.4	632.6	631.1	616.2	596.4	586.4	580.0
160°	624.7	625.5	628.9	632.3	628.9	625.5	624.7	611.9	594.9	586.4	581.3
162.5°	618.8	619.5	622.8	625.9	622.8	619.5	618.8	608.0	593.6	586.4	582.7
165°	609.5	610.4	613.8	617.2	613.8	610.4	609.5	601.8	591.6	586.4	584.7
167.5°	605.6	606.0	607.4	608.8	607.4	606.0	605.6	600.5	593.8	590.4	589.1
170°	605.6	605.6	605.6	605.6	605.6	605.6	605.6	600.5	593.8	590.4	590.4
172.5°	602.4	602.1	600.8	599.6	600.8	602.1	602.4	598.4	593.1	590.4	590.4
175°	598.0	598.0	598.0	598.0	598.0	598.0	598.0	595.4	592.1	590.4	591.2
177.5°	597.2	596.8	595.4	594.1	595.4	596.8	597.2	595.2	592.5	591.2	591.8
180°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1377.4	1377.4	1377.4	1377.4	1377.4
2.5°	1360.4	1366.9	1370.8	1376.1	1389.1
5°	1308.3	1333.0	1340.9	1360.4	1383.8
7.5°	1193.7	1269.2	1290.1	1337.0	1373.4
10°	1082.9	1158.5	1195.0	1305.7	1360.4
12.5°	1026.8	1071.1	1095.9	1250.9	1342.2
15°	991.7	1022.9	1041.2	1178.0	1321.3
17.5°	964.3	986.4	999.5	1106.3	1292.7
20°	947.3	957.8	969.5	1054.2	1260.1
22.5°	935.6	929.1	938.2	1017.7	1215.8
25°	927.8	903.1	913.5	989.1	1163.6
27.5°	934.3	879.6	883.5	963.0	1109.0
30°	935.6	850.9	852.2	935.6	1047.7
32.5°	926.5	821.0	822.3	901.7	978.6
35°	904.4	785.8	784.5	862.6	884.8
37.5°	874.3	748.0	748.0	819.7	781.9
40°	837.9	710.2	714.1	763.6	690.6
42.5°	793.6	669.8	675.0	689.3	622.9
45°	745.4	630.7	634.6	582.5	570.7
47.5°	691.9	590.3	591.6	483.5	553.8
50°	628.1	548.6	543.4	414.4	552.5
52.5°	572.0	503.0	487.3	375.3	501.7
55°	517.4	454.8	420.9	345.3	465.2
57.5°	469.1	392.2	359.7	310.2	457.4
60°	424.8	330.9	306.2	272.3	419.6
62.5°	388.3	285.4	280.1	246.2	380.5
65°	349.2	254.1	252.8	224.1	323.2
67.5°	311.5	233.2	231.9	203.3	246.2
70°	271.0	211.1	208.5	181.1	182.4
72.5°	229.3	186.3	183.7	162.9	151.2
75°	187.6	157.7	156.4	142.1	122.5
77.5°	147.2	125.1	127.7	114.7	89.9
80°	105.6	91.2	93.8	82.1	67.8
82.5°	70.4	59.9	62.5	52.1	45.6
85°	39.1	33.9	35.2	27.3	20.9
87.5°	18.2	15.6	15.6	10.4	6.5
90°	17.6	11.2	10.4	7.2	4.0
92.5°	108.2	76.9	70.1	43.0	15.9
95°	266.2	149.9	137.5	87.9	38.3
97.5°	358.5	164.6	153.7	109.9	66.1
100°	392.2	177.0	167.1	127.4	87.7
102.5°	407.6	189.3	180.1	143.1	106.0
105°	419.0	207.7	199.9	168.6	137.1
107.5°	421.2	234.8	227.5	198.3	169.0
110°	418.0	249.9	243.3	217.0	190.6

TEST NUMBER: P935722

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	418.0	268.3	262.0	236.9	211.7
115°	422.0	295.8	290.1	266.8	243.6
117.5°	429.8	322.6	317.3	296.2	275.1
120°	436.2	338.1	333.2	313.3	293.4
122.5°	445.4	356.4	351.4	331.4	311.4
125°	457.7	379.9	375.4	357.1	338.9
127.5°	470.0	402.6	398.0	379.6	361.2
130°	479.1	417.8	412.9	393.0	373.1
132.5°	486.4	430.2	425.3	405.4	385.5
135°	494.3	444.5	440.0	422.0	403.9
137.5°	506.3	462.8	458.4	440.4	422.6
140°	513.7	475.2	471.1	454.6	438.1
142.5°	519.8	484.4	480.6	465.3	450.1
145°	527.7	498.3	495.0	481.7	468.5
147.5°	539.4	515.9	512.7	499.7	486.8
150°	545.5	525.1	522.1	510.4	498.7
152.5°	549.5	531.1	528.8	520.0	511.1
155°	558.2	544.2	542.5	536.0	529.5
157.5°	567.0	557.3	555.7	549.4	543.0
160°	571.0	563.3	562.1	557.1	552.2
162.5°	575.3	569.7	568.8	565.0	561.3
165°	581.4	578.9	578.0	574.7	571.3
167.5°	586.2	584.0	583.7	582.0	580.5
170°	590.2	590.1	589.7	588.0	586.4
172.5°	590.4	590.4	590.4	590.0	589.7
175°	592.8	594.1	594.1	594.1	594.1
177.5°	593.1	594.1	594.1	594.1	594.1
180°	594.1	594.1	594.1	594.1	594.1

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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	13.47	14.32	14.44	15.30	16.60	16.27	17.11	17.24	18.10	19.40
	3H	13.95	14.70	14.93	15.70	17.02	17.60	18.36	18.59	19.36	20.68
	4H	14.14	14.85	15.14	15.85	17.18	18.04	18.76	19.04	19.76	21.08
	6H	14.26	14.92	15.26	15.92	17.26	18.32	18.98	19.32	19.98	21.32
	8H	14.26	14.88	15.27	15.91	17.24	18.39	19.01	19.40	20.04	21.37
	12H	14.23	14.82	15.25	15.84	17.20	18.42	19.02	19.44	20.03	21.39
4H	2H	14.49	15.21	15.50	16.21	17.54	16.68	17.39	17.68	18.39	19.72
	3H	15.52	16.12	16.53	17.14	18.49	18.17	18.77	19.18	19.80	21.14
	4H	15.79	16.34	16.82	17.36	18.73	18.69	19.24	19.71	20.26	21.62
	6H	15.92	16.39	16.95	17.43	18.79	19.05	19.52	20.08	20.56	21.92
	8H	15.92	16.36	16.96	17.40	18.78	19.15	19.59	20.18	20.63	22.00
	12H	15.89	16.29	16.94	17.34	18.72	19.20	19.60	20.25	20.65	22.03
8H	4H	16.24	16.68	17.27	17.72	19.09	18.82	19.26	19.85	20.29	21.67
	6H	16.50	16.87	17.56	17.94	19.32	19.24	19.61	20.30	20.69	22.06
	8H	16.55	16.86	17.61	17.93	19.32	19.39	19.71	20.46	20.77	22.17
	12H	16.53	16.81	17.60	17.87	19.30	19.48	19.76	20.55	20.82	22.26
12H	4H	16.25	16.64	17.30	17.69	19.08	18.78	19.18	19.83	20.23	21.61
	6H	16.56	16.88	17.63	17.94	19.34	19.24	19.56	20.31	20.62	22.02
	8H	16.63	16.91	17.70	17.97	19.40	19.40	19.68	20.46	20.74	22.17

END OF REPORT