

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: P934921

Luminaire Tested: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934921
REPORT IS A COMBINATION OF REPORTS P933717 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

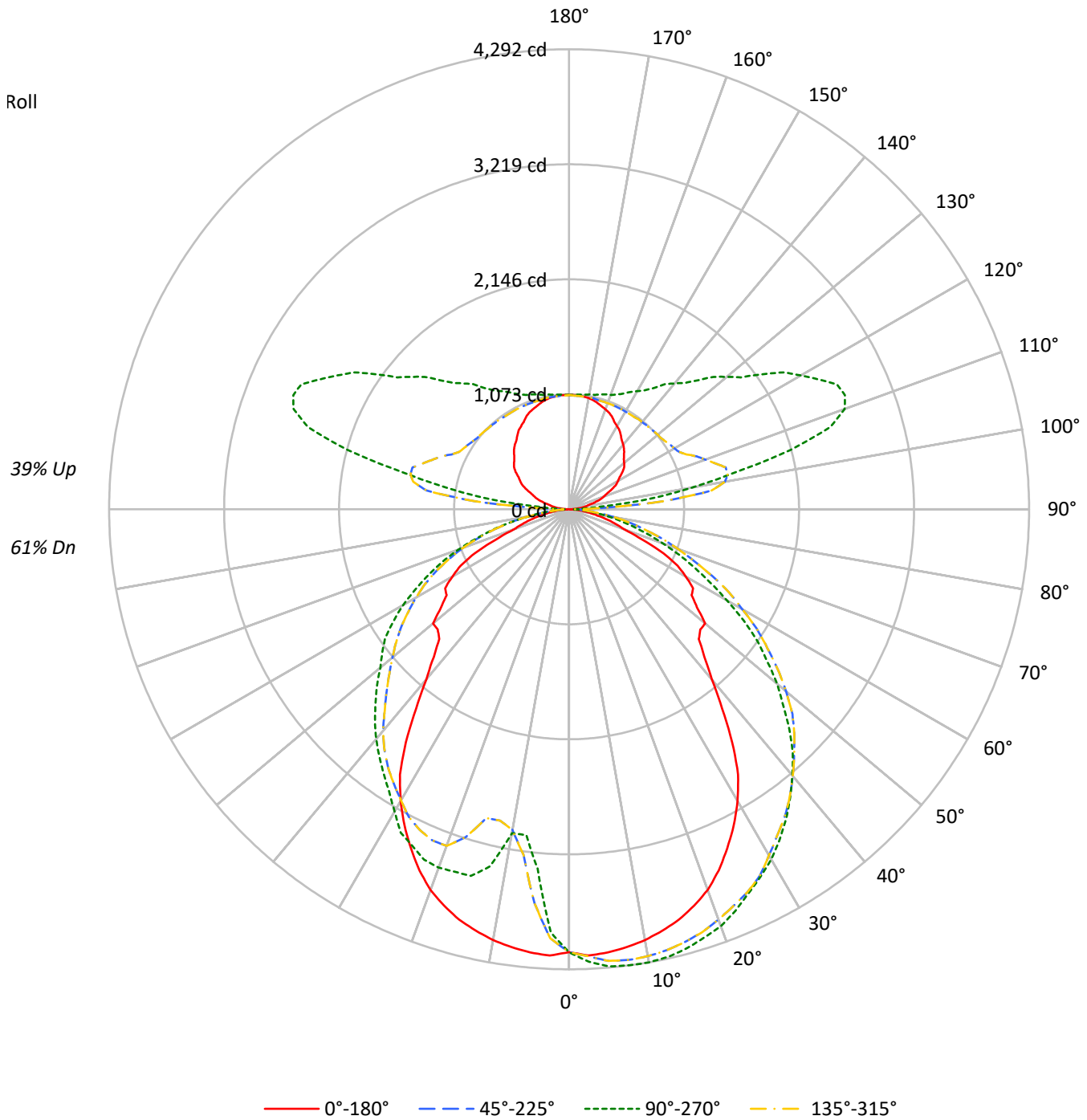
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17633.8 lumens
Efficiency: N/A
Efficacy: 94.8 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): 186
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				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	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12780	12780	12780	12780
5°	12880	12901	12880	10144
10°	12799	12708	12799	9085
15°	12664	12432	12664	10381
20°	12405	12106	12405	10403
25°	11867	11631	11867	10183
30°	11171	11236	11171	9699
35°	9964	10736	9964	9167
40°	8307	10148	8307	8765
45°	7427	9460	7427	8303
50°	7897	8639	7897	7839
55°	7437	7754	7437	7570
60°	7676	6586	7676	6934
65°	6970	5444	6970	6085
70°	4838	4338	4838	5101
75°	4258	3207	4258	3840
80°	3458	2120	3458	2309
85°	2025	1123	2025	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11376 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.0	2.1
10°-20°	1059.0	6.0
20°-30°	1637.0	9.3
30°-40°	1954.2	11.1
40°-50°	1965.6	11.1
50°-60°	1710.3	9.7
60°-70°	1212.6	6.9
70°-80°	641.6	3.6
80°-90°	163.9	0.9
90°-100°	520.1	2.9
100°-110°	1367.3	7.8
110°-120°	1417.8	8.0
120°-130°	1137.2	6.4
130°-140°	892.3	5.1
140°-150°	684.9	3.9
150°-160°	493.2	2.8
160°-170°	301.8	1.7
170°-180°	102.0	0.6
0°-30°	3068.9	17.4
0°-40°	5023.0	28.5
0°-60°	8699.0	49.3
0°-90°	10717.1	60.8
90°-120°	3305.2	18.7
90°-150°	6019.7	34.1
90°-180°	6917.0	39.2
0°-180°	17633.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4132	4132	4132	4132	4132	
5°	4151	4280	4151	3366	4151	394
15°	3964	4241	3964	3542	3964	1115
25°	3491	3956	3491	3463	3491	1603
35°	2654	3530	2654	3014	2654	1642
45°	1712	2908	1712	2553	1712	1372
55°	1396	2146	1396	2095	1396	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
90°	7	27	7	27	7	9
95°	69	314	69	314	69	76
105°	246	2141	246	2141	246	261
115°	438	2757	438	2757	438	432
125°	609	2196	609	2196	609	540
135°	725	1704	725	1704	725	561
145°	841	1382	841	1382	841	527
155°	951	1190	951	1190	951	437
165°	1026	1108	1026	1108	1026	290
175°	1067	1074	1067	1074	1067	101
180°	1067	1067	1067	1067	1067	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4167.0	4167.0	4190.4	4198.3	4198.3	4186.5	4174.8	4186.5	4221.7	4233.5	4229.5
5°	4151.3	4182.6	4225.6	4233.5	4241.2	4237.3	4229.5	4237.3	4276.4	4284.3	4288.1
7.5°	4120.0	4178.7	4233.5	4245.2	4256.9	4245.2	4241.2	4249.1	4288.1	4296.0	4296.0
10°	4081.0	4163.1	4225.6	4233.5	4245.2	4233.5	4233.5	4249.1	4288.1	4296.0	4299.9
12.5°	4026.3	4139.6	4198.3	4206.0	4221.7	4217.8	4213.9	4229.5	4268.6	4276.4	4276.4
15°	3963.7	4096.6	4151.3	4159.2	4186.5	4178.7	4178.7	4194.3	4237.3	4249.1	4245.2
17.5°	3877.7	4041.9	4104.4	4116.2	4135.7	4131.8	4135.7	4151.3	4190.4	4198.3	4202.1
20°	3780.0	3967.6	4041.9	4053.6	4073.1	4073.1	4073.1	4092.7	4131.8	4147.5	4147.5
22.5°	3647.1	3889.4	3967.6	3975.4	3998.9	3998.9	4006.7	4034.0	4069.2	4073.1	4073.1
25°	3490.7	3803.4	3869.9	3893.4	3916.8	3928.5	3940.2	3955.9	3967.6	3963.7	3967.6
27.5°	3326.6	3694.0	3780.0	3795.6	3826.9	3838.6	3854.2	3858.2	3862.1	3873.8	3866.0
30°	3142.8	3541.5	3670.5	3686.1	3737.0	3744.8	3729.2	3737.0	3756.5	3764.4	3772.2
32.5°	2935.6	3314.8	3557.2	3592.4	3639.3	3615.8	3611.9	3623.6	3654.9	3654.9	3662.7
35°	2654.2	3138.9	3451.6	3482.9	3518.1	3490.7	3506.3	3510.3	3529.8	3541.5	3537.6
37.5°	2345.4	2986.4	3342.2	3365.7	3393.0	3357.8	3381.3	3393.0	3408.6	3400.8	3400.8
40°	2071.8	2748.0	3213.2	3228.8	3252.2	3224.9	3248.4	3256.2	3264.0	3256.2	3252.2
42.5°	1868.5	2486.1	3076.4	3095.9	3080.3	3099.8	3107.6	3123.3	3111.6	3095.9	3095.9
45°	1712.1	2415.7	2927.8	2951.3	2927.8	2959.1	2970.8	2970.8	2935.6	2927.8	2923.9
47.5°	1661.4	2275.0	2779.3	2779.3	2767.5	2806.6	2826.2	2798.8	2763.7	2751.9	2751.9
50°	1657.4	2118.7	2576.0	2560.4	2615.1	2662.0	2642.5	2615.1	2587.7	2544.8	2544.8
52.5°	1505.0	1927.2	2314.1	2372.8	2458.8	2486.1	2454.8	2427.5	2380.5	2361.1	2345.4
55°	1395.5	1727.8	2075.7	2193.0	2282.8	2318.0	2259.4	2232.0	2161.7	2149.9	2142.1
57.5°	1372.1	1438.5	1856.8	2005.3	2114.7	2110.9	2075.7	2024.9	1966.2	1954.5	1950.6
60°	1258.7	1039.8	1622.2	1798.1	1911.5	1899.7	1868.5	1821.6	1766.8	1759.1	1751.2
62.5°	1141.4	754.4	1356.4	1555.8	1716.0	1712.1	1684.8	1614.4	1575.3	1555.8	1540.2
65°	969.4	633.2	965.5	1293.9	1524.5	1532.3	1473.7	1422.9	1379.8	1356.4	1352.5
67.5°	738.8	516.0	652.8	1078.8	1340.8	1332.9	1258.7	1235.2	1180.5	1168.8	1145.3
70°	547.2	344.0	453.5	875.6	1160.9	1141.4	1082.8	1055.4	1004.6	977.2	961.6
72.5°	453.5	277.5	332.3	680.1	977.2	953.8	903.0	871.7	828.7	805.3	789.6
75°	367.4	293.1	254.1	504.3	793.5	777.9	731.0	699.7	664.5	633.2	637.2
77.5°	269.7	273.7	203.3	371.4	629.3	605.9	578.5	539.5	523.8	492.6	492.6
80°	203.3	215.0	152.5	254.1	453.5	453.5	430.0	402.6	375.3	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.8	297.1	281.4	273.7	258.0	250.2	250.2
85°	62.5	78.2	70.4	97.7	168.1	175.9	175.9	168.1	164.2	156.4	160.2
87.5°	19.6	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
90°	7.2	12.9	18.6	20.0	31.5	46.8	54.4	48.4	36.3	27.2	27.2
92.5°	28.6	77.3	126.0	138.2	194.3	269.0	306.5	268.6	192.9	136.1	130.7
95°	68.8	157.8	247.0	269.3	478.1	756.6	895.8	799.4	606.5	461.8	445.4
97.5°	118.9	197.5	276.1	295.8	644.0	1108.3	1340.5	1279.5	1157.6	1066.2	1035.0
100°	157.5	228.8	300.1	317.9	704.4	1219.6	1477.2	1481.7	1490.6	1497.3	1460.2
102.5°	190.5	257.0	323.5	340.1	732.0	1254.6	1516.0	1593.6	1748.9	1865.4	1833.6
105°	246.3	302.7	359.0	373.1	752.6	1258.6	1511.7	1685.8	2034.0	2295.1	2278.0
107.5°	303.6	356.1	408.6	421.8	756.4	1202.7	1425.7	1668.6	2154.2	2518.4	2522.6
110°	342.3	389.7	437.1	449.0	750.7	1153.0	1354.1	1625.6	2168.6	2575.7	2593.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	380.2	425.4	470.6	481.9	751.0	1109.6	1289.0	1566.8	2122.5	2539.2	2566.6
115°	437.5	479.2	520.9	531.3	757.8	1059.9	1210.9	1478.6	2013.9	2415.3	2453.3
117.5°	494.1	532.0	569.8	579.3	771.9	1028.7	1157.2	1398.7	1881.8	2244.2	2286.3
120°	527.1	562.7	598.3	607.2	783.4	1018.2	1135.7	1356.4	1797.8	2128.9	2169.8
122.5°	559.3	595.2	631.2	640.2	799.9	1012.8	1119.2	1317.9	1715.5	2013.6	2054.0
125°	608.7	641.5	674.3	682.5	822.1	1008.2	1101.3	1270.2	1607.8	1861.1	1898.3
127.5°	648.8	681.9	715.0	723.3	844.3	1005.6	1086.3	1231.3	1521.2	1738.7	1770.0
130°	670.3	705.9	741.5	750.4	860.5	1007.2	1080.5	1209.6	1467.7	1661.3	1690.2
132.5°	692.5	728.1	763.7	772.6	873.6	1008.2	1075.5	1191.0	1422.1	1595.4	1621.4
135°	725.4	757.8	790.3	798.4	888.0	1007.3	1067.0	1163.7	1357.2	1502.3	1524.7
137.5°	759.1	791.2	823.4	831.4	909.4	1013.5	1065.5	1147.3	1310.9	1433.6	1451.9
140°	786.9	816.5	846.2	853.5	922.5	1014.6	1060.5	1131.2	1272.5	1378.5	1395.5
142.5°	808.4	835.8	863.2	870.0	933.5	1018.2	1060.5	1122.6	1246.7	1339.8	1354.5
145°	841.4	865.2	889.1	895.1	947.9	1018.2	1053.4	1104.1	1205.7	1281.8	1293.0
147.5°	874.3	897.6	920.8	926.6	968.9	1025.2	1053.4	1093.3	1173.2	1233.1	1242.3
150°	895.8	916.8	937.9	943.1	979.8	1028.9	1053.4	1087.1	1154.5	1205.1	1212.6
152.5°	918.0	933.9	949.8	953.8	987.0	1031.3	1053.4	1082.2	1139.8	1183.0	1188.6
155°	951.0	962.7	974.5	977.4	1002.8	1036.5	1053.4	1076.3	1122.1	1156.5	1160.2
157.5°	975.3	986.8	998.2	1001.1	1018.5	1041.7	1053.4	1071.1	1106.8	1133.5	1136.1
160°	991.8	1000.7	1009.6	1011.9	1025.7	1044.1	1053.4	1068.6	1099.2	1122.1	1123.7
162.5°	1008.2	1014.9	1021.6	1023.3	1033.3	1046.7	1053.4	1066.2	1092.0	1111.3	1112.8
165°	1026.2	1032.2	1038.2	1039.7	1044.3	1050.4	1053.4	1062.6	1081.0	1094.9	1096.4
167.5°	1042.6	1045.4	1048.4	1049.0	1052.9	1058.0	1060.5	1066.5	1078.6	1087.7	1088.3
170°	1053.4	1056.2	1059.1	1059.8	1060.1	1060.4	1060.5	1066.5	1078.6	1087.7	1087.7
172.5°	1059.1	1059.7	1060.4	1060.5	1060.5	1060.5	1060.5	1065.3	1074.8	1082.0	1081.5
175°	1067.0	1067.0	1067.0	1067.0	1064.8	1062.0	1060.5	1063.5	1069.6	1074.2	1074.2
177.5°	1067.0	1067.0	1067.0	1067.0	1065.3	1063.1	1062.0	1064.4	1069.1	1072.7	1072.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4237.3	4225.6	4237.3	4229.5	4233.5	4221.7	4186.5	4174.8	4186.5	4198.3	4198.3
5°	4288.1	4280.4	4288.1	4288.1	4284.3	4276.4	4237.3	4229.5	4237.3	4241.2	4233.5
7.5°	4303.8	4292.1	4303.8	4296.0	4296.0	4288.1	4249.1	4241.2	4245.2	4256.9	4245.2
10°	4303.8	4292.1	4303.8	4299.9	4296.0	4288.1	4249.1	4233.5	4233.5	4245.2	4233.5
12.5°	4284.3	4276.4	4284.3	4276.4	4276.4	4268.6	4229.5	4213.9	4217.8	4221.7	4206.0
15°	4252.9	4241.2	4252.9	4245.2	4249.1	4237.3	4194.3	4178.7	4178.7	4186.5	4159.2
17.5°	4206.0	4190.4	4206.0	4202.1	4198.3	4190.4	4151.3	4135.7	4131.8	4135.7	4116.2
20°	4151.3	4139.6	4151.3	4147.5	4147.5	4131.8	4092.7	4073.1	4073.1	4073.1	4053.6
22.5°	4065.4	4053.6	4065.4	4073.1	4073.1	4069.2	4034.0	4006.7	3998.9	3998.9	3975.4
25°	3967.6	3955.9	3967.6	3967.6	3963.7	3967.6	3955.9	3940.2	3928.5	3916.8	3893.4
27.5°	3873.8	3866.0	3873.8	3866.0	3873.8	3862.1	3858.2	3854.2	3838.6	3826.9	3795.6
30°	3780.0	3772.2	3780.0	3772.2	3764.4	3756.5	3737.0	3729.2	3744.8	3737.0	3686.1
32.5°	3662.7	3654.9	3662.7	3662.7	3654.9	3654.9	3623.6	3611.9	3615.8	3639.3	3592.4
35°	3541.5	3529.8	3541.5	3537.6	3541.5	3529.8	3510.3	3506.3	3490.7	3518.1	3482.9
37.5°	3400.8	3389.1	3400.8	3400.8	3400.8	3408.6	3393.0	3381.3	3357.8	3393.0	3365.7
40°	3256.2	3240.5	3256.2	3252.2	3256.2	3264.0	3256.2	3248.4	3224.9	3252.2	3228.8
42.5°	3092.0	3088.1	3092.0	3095.9	3095.9	3111.6	3123.3	3107.6	3099.8	3080.3	3095.9
45°	2916.1	2908.3	2916.1	2923.9	2927.8	2935.6	2970.8	2970.8	2959.1	2927.8	2951.3
47.5°	2728.5	2708.9	2728.5	2751.9	2751.9	2763.7	2798.8	2826.2	2806.6	2767.5	2779.3
50°	2529.1	2533.0	2529.1	2544.8	2544.8	2587.7	2615.1	2642.5	2662.0	2615.1	2560.4
52.5°	2333.6	2329.8	2333.6	2345.4	2361.1	2380.5	2427.5	2454.8	2486.1	2458.8	2372.8
55°	2138.2	2146.1	2138.2	2142.1	2149.9	2161.7	2232.0	2259.4	2318.0	2282.8	2193.0
57.5°	1942.8	1931.0	1942.8	1950.6	1954.5	1966.2	2024.9	2075.7	2110.9	2114.7	2005.3
60°	1716.0	1700.4	1716.0	1751.2	1759.1	1766.8	1821.6	1868.5	1899.7	1911.5	1798.1
62.5°	1516.7	1489.3	1516.7	1540.2	1555.8	1575.3	1614.4	1684.8	1712.1	1716.0	1555.8
65°	1305.6	1293.9	1305.6	1352.5	1356.4	1379.8	1422.9	1473.7	1532.3	1524.5	1293.9
67.5°	1114.0	1114.0	1114.0	1145.3	1168.8	1180.5	1235.2	1258.7	1332.9	1340.8	1078.8
70°	938.2	934.2	938.2	961.6	977.2	1004.6	1055.4	1082.8	1141.4	1160.9	875.6
72.5°	770.1	766.2	770.1	789.6	805.3	828.7	871.7	903.0	953.8	977.2	680.1
75°	621.5	613.7	621.5	637.2	633.2	664.5	699.7	731.0	777.9	793.5	504.3
77.5°	476.9	476.9	476.9	492.6	492.6	523.8	539.5	578.5	605.9	629.3	371.4
80°	355.7	351.8	355.7	359.6	359.6	375.3	402.6	430.0	453.5	453.5	254.1
82.5°	250.2	242.3	250.2	250.2	250.2	258.0	273.7	281.4	297.1	308.8	160.2
85°	156.4	156.4	156.4	160.2	156.4	164.2	168.1	175.9	175.9	168.1	97.7
87.5°	101.6	97.7	101.6	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
90°	27.2	27.2	27.2	27.2	27.2	36.3	48.4	54.4	46.8	31.5	20.0
92.5°	109.0	87.4	109.0	130.7	136.1	192.9	268.6	306.5	269.0	194.3	138.2
95°	379.9	314.4	379.9	445.4	461.8	606.5	799.4	895.8	756.6	478.1	269.3
97.5°	910.3	785.6	910.3	1035.0	1066.2	1157.6	1279.5	1340.5	1108.3	644.0	295.8
100°	1311.5	1162.9	1311.5	1460.2	1497.3	1490.6	1481.7	1477.2	1219.6	704.4	317.9
102.5°	1706.2	1579.0	1706.2	1833.6	1865.4	1748.9	1593.6	1516.0	1254.6	732.0	340.1
105°	2209.5	2141.1	2209.5	2278.0	2295.1	2034.0	1685.8	1511.7	1258.6	752.6	373.1
107.5°	2539.2	2555.7	2539.2	2522.6	2518.4	2154.2	1668.6	1425.7	1202.7	756.4	421.8
110°	2664.8	2736.1	2664.8	2593.5	2575.7	2168.6	1625.6	1354.1	1153.0	750.7	449.0



TEST NUMBER: P934921

CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2676.1	2785.6	2676.1	2566.6	2539.2	2122.5	1566.8	1289.0	1109.6	751.0	481.9
115°	2605.1	2756.9	2605.1	2453.3	2415.3	2013.9	1478.6	1210.9	1059.9	757.8	531.3
117.5°	2454.6	2623.0	2454.6	2286.3	2244.2	1881.8	1398.7	1157.2	1028.7	771.9	579.3
120°	2333.4	2497.0	2333.4	2169.8	2128.9	1797.8	1356.4	1135.7	1018.2	783.4	607.2
122.5°	2215.3	2376.7	2215.3	2054.0	2013.6	1715.5	1317.9	1119.2	1012.8	799.9	640.2
125°	2046.9	2195.5	2046.9	1898.3	1861.1	1607.8	1270.2	1101.3	1008.2	822.1	682.5
127.5°	1895.4	2020.8	1895.4	1770.0	1738.7	1521.2	1231.3	1086.3	1005.6	844.3	723.3
130°	1806.1	1922.0	1806.1	1690.2	1661.3	1467.7	1209.6	1080.5	1007.2	860.5	750.4
132.5°	1725.1	1828.9	1725.1	1621.4	1595.4	1422.1	1191.0	1075.5	1008.2	873.6	772.6
135°	1614.2	1703.5	1614.2	1524.7	1502.3	1357.2	1163.7	1067.0	1007.3	888.0	798.4
137.5°	1525.1	1598.3	1525.1	1451.9	1433.6	1310.9	1147.3	1065.5	1013.5	909.4	831.4
140°	1464.0	1532.4	1464.0	1395.5	1378.5	1272.5	1131.2	1060.5	1014.6	922.5	853.5
142.5°	1413.4	1472.2	1413.4	1354.5	1339.8	1246.7	1122.6	1060.5	1018.2	933.5	870.0
145°	1337.5	1382.0	1337.5	1293.0	1281.8	1205.7	1104.1	1053.4	1018.2	947.9	895.1
147.5°	1279.2	1316.2	1279.2	1242.3	1233.1	1173.2	1093.3	1053.4	1025.2	968.9	926.6
150°	1242.5	1272.5	1242.5	1212.6	1205.1	1154.5	1087.1	1053.4	1028.9	979.8	943.1
152.5°	1211.2	1233.8	1211.2	1188.6	1183.0	1139.8	1082.2	1053.4	1031.3	987.0	953.8
155°	1175.2	1190.1	1175.2	1160.2	1156.5	1122.1	1076.3	1053.4	1036.5	1002.8	977.4
157.5°	1146.7	1157.2	1146.7	1136.1	1133.5	1106.8	1071.1	1053.4	1041.7	1018.5	1001.1
160°	1129.7	1135.7	1129.7	1123.7	1122.1	1099.2	1068.6	1053.4	1044.1	1025.7	1011.9
162.5°	1118.5	1124.3	1118.5	1112.8	1111.3	1092.0	1066.2	1053.4	1046.7	1033.3	1023.3
165°	1102.4	1108.5	1102.4	1096.4	1094.9	1081.0	1062.6	1053.4	1050.4	1044.3	1039.7
167.5°	1090.9	1093.5	1090.9	1088.3	1087.7	1078.6	1066.5	1060.5	1058.0	1052.9	1049.0
170°	1087.7	1087.7	1087.7	1087.7	1087.7	1078.6	1066.5	1060.5	1060.4	1060.1	1059.8
172.5°	1079.2	1077.0	1079.2	1081.5	1082.0	1074.8	1065.3	1060.5	1060.5	1060.5	1060.5
175°	1074.2	1074.2	1074.2	1074.2	1074.2	1069.6	1063.5	1060.5	1062.0	1064.8	1067.0
177.5°	1069.5	1067.0	1069.5	1072.1	1072.7	1069.1	1064.4	1062.0	1063.1	1065.3	1067.0
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934921

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4190.4	4167.0	4167.0	4127.9	4112.3	4100.6	4081.0	4022.3	4006.7	3991.1	4014.5
5°	4225.6	4182.6	4151.3	4081.0	4022.3	3998.9	3924.6	3783.9	3690.1	3619.7	3580.7
7.5°	4233.5	4178.7	4120.0	4010.6	3869.9	3807.3	3580.7	3322.6	3252.2	3189.7	3150.6
10°	4225.6	4163.1	4081.0	3916.8	3584.5	3475.1	3248.4	3080.3	3037.3	3025.6	3037.3
12.5°	4198.3	4139.6	4026.3	3752.6	3287.4	3213.2	3080.3	2982.5	2974.7	2994.3	3099.8
15°	4151.3	4096.6	3963.7	3533.7	3123.3	3068.5	2974.7	2939.6	2982.5	3119.3	3436.0
17.5°	4104.4	4041.9	3877.7	3318.7	2998.2	2959.1	2892.7	2963.0	3205.4	3389.1	3494.6
20°	4041.9	3967.6	3780.0	3162.4	2908.3	2873.1	2841.8	3158.5	3342.2	3408.6	3467.2
22.5°	3967.6	3889.4	3647.1	3052.9	2814.5	2787.1	2806.6	3267.9	3342.2	3389.1	3439.9
25°	3869.9	3803.4	3490.7	2966.9	2740.2	2708.9	2783.2	3256.2	3299.1	3310.9	3412.6
27.5°	3780.0	3694.0	3326.6	2888.7	2650.3	2638.6	2802.7	3205.4	3236.6	3248.4	3357.8
30°	3670.5	3541.5	3142.8	2806.6	2556.5	2552.6	2806.6	3142.8	3135.0	3166.2	3275.7
32.5°	3557.2	3314.8	2935.6	2705.0	2466.5	2462.7	2779.3	3049.0	3041.2	3084.2	3166.2
35°	3451.6	3138.9	2654.2	2587.7	2353.2	2357.1	2712.9	2939.6	2943.5	2982.5	3033.3
37.5°	3342.2	2986.4	2345.4	2458.8	2243.8	2243.8	2622.9	2837.9	2830.1	2841.8	2912.2
40°	3213.2	2748.0	2071.8	2290.7	2142.1	2130.4	2513.5	2728.5	2701.1	2697.2	2794.9
42.5°	3076.4	2486.1	1868.5	2067.8	2024.9	2009.2	2380.5	2595.6	2544.8	2556.5	2681.5
45°	2927.8	2415.7	1712.1	1747.3	1903.7	1892.0	2235.9	2443.1	2407.9	2439.2	2568.2
47.5°	2779.3	2275.0	1661.4	1450.2	1774.7	1770.8	2075.7	2294.6	2275.0	2306.3	2443.1
50°	2576.0	2118.7	1657.4	1243.1	1630.0	1645.6	1884.1	2149.9	2149.9	2177.3	2321.9
52.5°	2314.1	1927.2	1505.0	1125.8	1461.9	1508.9	1716.0	2024.9	2032.6	2060.1	2189.0
55°	2075.7	1727.8	1395.5	1035.9	1262.6	1364.2	1551.9	1895.8	1911.5	1938.9	2056.1
57.5°	1856.8	1438.5	1372.1	930.3	1078.8	1176.6	1407.3	1770.8	1778.6	1802.0	1915.4
60°	1622.2	1039.8	1258.7	817.0	918.6	992.9	1274.4	1622.2	1649.6	1665.2	1762.9
62.5°	1356.4	754.4	1141.4	738.8	840.5	856.1	1164.9	1481.5	1516.7	1528.4	1587.0
65°	965.5	633.2	969.4	672.4	758.4	762.2	1047.6	1336.9	1368.1	1387.7	1430.7
67.5°	652.8	516.0	738.8	609.8	695.8	699.7	934.2	1168.8	1211.7	1227.5	1254.8
70°	453.5	344.0	547.2	543.3	625.5	633.2	813.0	1016.3	1055.4	1067.1	1082.8
72.5°	332.3	277.5	453.5	488.6	551.2	559.0	688.0	844.3	883.4	895.1	903.0
75°	254.1	293.1	367.4	426.0	469.1	473.0	562.9	688.0	715.3	723.2	727.0
77.5°	203.3	273.7	269.7	344.0	383.1	375.3	441.7	531.6	555.1	555.1	555.1
80°	152.5	215.0	203.3	246.2	281.4	273.7	316.6	379.1	387.0	394.8	390.9
82.5°	113.3	136.8	136.8	156.4	187.6	179.8	211.1	246.2	246.2	246.2	254.1
85°	70.4	78.2	62.5	82.1	105.6	101.6	117.3	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.6	31.3	46.9	46.9	54.7	58.6	54.7	54.7	54.7
90°	18.6	12.9	7.2	12.9	18.6	20.0	31.5	46.8	54.4	48.4	36.3
92.5°	126.0	77.3	28.6	77.3	126.0	138.2	194.3	269.0	306.5	268.6	192.9
95°	247.0	157.8	68.8	157.8	247.0	269.3	478.1	756.6	895.8	799.4	606.5
97.5°	276.1	197.5	118.9	197.5	276.1	295.8	644.0	1108.3	1340.5	1279.5	1157.6
100°	300.1	228.8	157.5	228.8	300.1	317.9	704.4	1219.6	1477.2	1481.7	1490.6
102.5°	323.5	257.0	190.5	257.0	323.5	340.1	732.0	1254.6	1516.0	1593.6	1748.9
105°	359.0	302.7	246.3	302.7	359.0	373.1	752.6	1258.6	1511.7	1685.8	2034.0
107.5°	408.6	356.1	303.6	356.1	408.6	421.8	756.4	1202.7	1425.7	1668.6	2154.2
110°	437.1	389.7	342.3	389.7	437.1	449.0	750.7	1153.0	1354.1	1625.6	2168.6



TEST NUMBER: P934921

CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	470.6	425.4	380.2	425.4	470.6	481.9	751.0	1109.6	1289.0	1566.8	2122.5
115°	520.9	479.2	437.5	479.2	520.9	531.3	757.8	1059.9	1210.9	1478.6	2013.9
117.5°	569.8	532.0	494.1	532.0	569.8	579.3	771.9	1028.7	1157.2	1398.7	1881.8
120°	598.3	562.7	527.1	562.7	598.3	607.2	783.4	1018.2	1135.7	1356.4	1797.8
122.5°	631.2	595.2	559.3	595.2	631.2	640.2	799.9	1012.8	1119.2	1317.9	1715.5
125°	674.3	641.5	608.7	641.5	674.3	682.5	822.1	1008.2	1101.3	1270.2	1607.8
127.5°	715.0	681.9	648.8	681.9	715.0	723.3	844.3	1005.6	1086.3	1231.3	1521.2
130°	741.5	705.9	670.3	705.9	741.5	750.4	860.5	1007.2	1080.5	1209.6	1467.7
132.5°	763.7	728.1	692.5	728.1	763.7	772.6	873.6	1008.2	1075.5	1191.0	1422.1
135°	790.3	757.8	725.4	757.8	790.3	798.4	888.0	1007.3	1067.0	1163.7	1357.2
137.5°	823.4	791.2	759.1	791.2	823.4	831.4	909.4	1013.5	1065.5	1147.3	1310.9
140°	846.2	816.5	786.9	816.5	846.2	853.5	922.5	1014.6	1060.5	1131.2	1272.5
142.5°	863.2	835.8	808.4	835.8	863.2	870.0	933.5	1018.2	1060.5	1122.6	1246.7
145°	889.1	865.2	841.4	865.2	889.1	895.1	947.9	1018.2	1053.4	1104.1	1205.7
147.5°	920.8	897.6	874.3	897.6	920.8	926.6	968.9	1025.2	1053.4	1093.3	1173.2
150°	937.9	916.8	895.8	916.8	937.9	943.1	979.8	1028.9	1053.4	1087.1	1154.5
152.5°	949.8	933.9	918.0	933.9	949.8	953.8	987.0	1031.3	1053.4	1082.2	1139.8
155°	974.5	962.7	951.0	962.7	974.5	977.4	1002.8	1036.5	1053.4	1076.3	1122.1
157.5°	998.2	986.8	975.3	986.8	998.2	1001.1	1018.5	1041.7	1053.4	1071.1	1106.8
160°	1009.6	1000.7	991.8	1000.7	1009.6	1011.9	1025.7	1044.1	1053.4	1068.6	1099.2
162.5°	1021.6	1014.9	1008.2	1014.9	1021.6	1023.3	1033.3	1046.7	1053.4	1066.2	1092.0
165°	1038.2	1032.2	1026.2	1032.2	1038.2	1039.7	1044.3	1050.4	1053.4	1062.6	1081.0
167.5°	1048.4	1045.4	1042.6	1045.4	1048.4	1049.0	1052.9	1058.0	1060.5	1066.5	1078.6
170°	1059.1	1056.2	1053.4	1056.2	1059.1	1059.8	1060.1	1060.4	1060.5	1066.5	1078.6
172.5°	1060.4	1059.7	1059.1	1059.7	1060.4	1060.5	1060.5	1060.5	1060.5	1065.3	1074.8
175°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1064.8	1062.0	1060.5	1063.5	1069.6
177.5°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1065.3	1063.1	1062.0	1064.4	1069.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934921
 CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	3987.1	3975.4	3991.1	3948.1	3991.1	3975.4	3987.1	4014.5	3991.1	4006.7	4022.3
5°	3498.6	3479.0	3416.4	3365.7	3416.4	3479.0	3498.6	3580.7	3619.7	3690.1	3783.9
7.5°	3127.2	3111.6	3095.9	3064.7	3095.9	3111.6	3127.2	3150.6	3189.7	3252.2	3322.6
10°	3045.1	3049.0	3072.5	3068.5	3072.5	3049.0	3045.1	3037.3	3025.6	3037.3	3080.3
12.5°	3256.2	3291.4	3420.3	3412.6	3420.3	3291.4	3256.2	3099.8	2994.3	2974.7	2982.5
15°	3498.6	3510.3	3537.6	3541.5	3537.6	3510.3	3498.6	3436.0	3119.3	2982.5	2939.6
17.5°	3522.0	3525.9	3545.5	3545.5	3545.5	3525.9	3522.0	3494.6	3389.1	3205.4	2963.0
20°	3502.4	3510.3	3549.4	3557.2	3549.4	3510.3	3502.4	3467.2	3408.6	3342.2	3158.5
22.5°	3494.6	3510.3	3541.5	3537.6	3541.5	3510.3	3494.6	3439.9	3389.1	3342.2	3267.9
25°	3455.5	3455.5	3459.5	3463.4	3459.5	3455.5	3455.5	3412.6	3310.9	3299.1	3256.2
27.5°	3373.4	3381.3	3404.7	3400.8	3404.7	3381.3	3373.4	3357.8	3248.4	3236.6	3205.4
30°	3299.1	3291.4	3271.8	3256.2	3271.8	3291.4	3299.1	3275.7	3166.2	3135.0	3142.8
32.5°	3174.1	3154.5	3135.0	3123.3	3135.0	3154.5	3174.1	3166.2	3084.2	3041.2	3049.0
35°	3025.6	3029.5	3025.6	3013.9	3025.6	3029.5	3025.6	3033.3	2982.5	2943.5	2939.6
37.5°	2920.0	2927.8	2923.9	2908.3	2923.9	2927.8	2920.0	2912.2	2841.8	2830.1	2837.9
40°	2810.6	2814.5	2810.6	2798.8	2810.6	2814.5	2810.6	2794.9	2697.2	2701.1	2728.5
42.5°	2705.0	2701.1	2689.4	2681.5	2689.4	2701.1	2705.0	2681.5	2556.5	2544.8	2595.6
45°	2583.8	2587.7	2564.3	2552.6	2564.3	2587.7	2583.8	2568.2	2439.2	2407.9	2443.1
47.5°	2462.7	2462.7	2443.1	2431.4	2443.1	2462.7	2462.7	2443.1	2306.3	2275.0	2294.6
50°	2333.6	2329.8	2302.4	2298.5	2302.4	2329.8	2333.6	2321.9	2177.3	2149.9	2149.9
52.5°	2185.1	2185.1	2189.0	2196.8	2189.0	2185.1	2185.1	2189.0	2060.1	2032.6	2024.9
55°	2056.1	2060.1	2087.4	2095.2	2087.4	2060.1	2056.1	2056.1	1938.9	1911.5	1895.8
57.5°	1923.2	1923.2	1942.8	1942.8	1942.8	1923.2	1923.2	1915.4	1802.0	1778.6	1770.8
60°	1770.8	1778.6	1794.3	1790.3	1794.3	1778.6	1770.8	1762.9	1665.2	1649.6	1622.2
62.5°	1610.5	1618.3	1622.2	1614.4	1622.2	1618.3	1610.5	1587.0	1528.4	1516.7	1481.5
65°	1442.4	1450.2	1454.1	1446.3	1454.1	1450.2	1442.4	1430.7	1387.7	1368.1	1336.9
67.5°	1270.4	1266.5	1262.6	1278.2	1262.6	1266.5	1270.4	1254.8	1227.5	1211.7	1168.8
70°	1094.5	1094.5	1090.6	1098.4	1090.6	1094.5	1094.5	1082.8	1067.1	1055.4	1016.3
72.5°	906.9	903.0	918.6	906.9	918.6	903.0	906.9	903.0	895.1	883.4	844.3
75°	723.2	731.0	723.2	734.9	723.2	731.0	723.2	727.0	723.2	715.3	688.0
77.5°	551.2	559.0	551.2	551.2	551.2	559.0	551.2	555.1	555.1	555.1	531.6
80°	390.9	387.0	387.0	383.1	387.0	387.0	390.9	390.9	394.8	387.0	379.1
82.5°	250.2	246.2	246.2	254.1	246.2	246.2	250.2	254.1	246.2	246.2	246.2
85°	136.8	140.8	132.9	132.9	132.9	140.8	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.6
90°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	36.3	48.4	54.4	46.8
92.5°	136.1	130.7	109.0	87.4	109.0	130.7	136.1	192.9	268.6	306.5	269.0
95°	461.8	445.4	379.9	314.4	379.9	445.4	461.8	606.5	799.4	895.8	756.6
97.5°	1066.2	1035.0	910.3	785.6	910.3	1035.0	1066.2	1157.6	1279.5	1340.5	1108.3
100°	1497.3	1460.2	1311.5	1162.9	1311.5	1460.2	1497.3	1490.6	1481.7	1477.2	1219.6
102.5°	1865.4	1833.6	1706.2	1579.0	1706.2	1833.6	1865.4	1748.9	1593.6	1516.0	1254.6
105°	2295.1	2278.0	2209.5	2141.1	2209.5	2278.0	2295.1	2034.0	1685.8	1511.7	1258.6
107.5°	2518.4	2522.6	2539.2	2555.7	2539.2	2522.6	2518.4	2154.2	1668.6	1425.7	1202.7
110°	2575.7	2593.5	2664.8	2736.1	2664.8	2593.5	2575.7	2168.6	1625.6	1354.1	1153.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2539.2	2566.6	2676.1	2785.6	2676.1	2566.6	2539.2	2122.5	1566.8	1289.0	1109.6
115°	2415.3	2453.3	2605.1	2756.9	2605.1	2453.3	2415.3	2013.9	1478.6	1210.9	1059.9
117.5°	2244.2	2286.3	2454.6	2623.0	2454.6	2286.3	2244.2	1881.8	1398.7	1157.2	1028.7
120°	2128.9	2169.8	2333.4	2497.0	2333.4	2169.8	2128.9	1797.8	1356.4	1135.7	1018.2
122.5°	2013.6	2054.0	2215.3	2376.7	2215.3	2054.0	2013.6	1715.5	1317.9	1119.2	1012.8
125°	1861.1	1898.3	2046.9	2195.5	2046.9	1898.3	1861.1	1607.8	1270.2	1101.3	1008.2
127.5°	1738.7	1770.0	1895.4	2020.8	1895.4	1770.0	1738.7	1521.2	1231.3	1086.3	1005.6
130°	1661.3	1690.2	1806.1	1922.0	1806.1	1690.2	1661.3	1467.7	1209.6	1080.5	1007.2
132.5°	1595.4	1621.4	1725.1	1828.9	1725.1	1621.4	1595.4	1422.1	1191.0	1075.5	1008.2
135°	1502.3	1524.7	1614.2	1703.5	1614.2	1524.7	1502.3	1357.2	1163.7	1067.0	1007.3
137.5°	1433.6	1451.9	1525.1	1598.3	1525.1	1451.9	1433.6	1310.9	1147.3	1065.5	1013.5
140°	1378.5	1395.5	1464.0	1532.4	1464.0	1395.5	1378.5	1272.5	1131.2	1060.5	1014.6
142.5°	1339.8	1354.5	1413.4	1472.2	1413.4	1354.5	1339.8	1246.7	1122.6	1060.5	1018.2
145°	1281.8	1293.0	1337.5	1382.0	1337.5	1293.0	1281.8	1205.7	1104.1	1053.4	1018.2
147.5°	1233.1	1242.3	1279.2	1316.2	1279.2	1242.3	1233.1	1173.2	1093.3	1053.4	1025.2
150°	1205.1	1212.6	1242.5	1272.5	1242.5	1212.6	1205.1	1154.5	1087.1	1053.4	1028.9
152.5°	1183.0	1188.6	1211.2	1233.8	1211.2	1188.6	1183.0	1139.8	1082.2	1053.4	1031.3
155°	1156.5	1160.2	1175.2	1190.1	1175.2	1160.2	1156.5	1122.1	1076.3	1053.4	1036.5
157.5°	1133.5	1136.1	1146.7	1157.2	1146.7	1136.1	1133.5	1106.8	1071.1	1053.4	1041.7
160°	1122.1	1123.7	1129.7	1135.7	1129.7	1123.7	1122.1	1099.2	1068.6	1053.4	1044.1
162.5°	1111.3	1112.8	1118.5	1124.3	1118.5	1112.8	1111.3	1092.0	1066.2	1053.4	1046.7
165°	1094.9	1096.4	1102.4	1108.5	1102.4	1096.4	1094.9	1081.0	1062.6	1053.4	1050.4
167.5°	1087.7	1088.3	1090.9	1093.5	1090.9	1088.3	1087.7	1078.6	1066.5	1060.5	1058.0
170°	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1078.6	1066.5	1060.5	1060.4
172.5°	1082.0	1081.5	1079.2	1077.0	1079.2	1081.5	1082.0	1074.8	1065.3	1060.5	1060.5
175°	1074.2	1074.2	1074.2	1074.2	1074.2	1074.2	1074.2	1069.6	1063.5	1060.5	1062.0
177.5°	1072.7	1072.1	1069.5	1067.0	1069.5	1072.1	1072.7	1069.1	1064.4	1062.0	1063.1
180°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4081.0	4100.6	4112.3	4127.9	4167.0
5°	3924.6	3998.9	4022.3	4081.0	4151.3
7.5°	3580.7	3807.3	3869.9	4010.6	4120.0
10°	3248.4	3475.1	3584.5	3916.8	4081.0
12.5°	3080.3	3213.2	3287.4	3752.6	4026.3
15°	2974.7	3068.5	3123.3	3533.7	3963.7
17.5°	2892.7	2959.1	2998.2	3318.7	3877.7
20°	2841.8	2873.1	2908.3	3162.4	3780.0
22.5°	2806.6	2787.1	2814.5	3052.9	3647.1
25°	2783.2	2708.9	2740.2	2966.9	3490.7
27.5°	2802.7	2638.6	2650.3	2888.7	3326.6
30°	2806.6	2552.6	2556.5	2806.6	3142.8
32.5°	2779.3	2462.7	2466.5	2705.0	2935.6
35°	2712.9	2357.1	2353.2	2587.7	2654.2
37.5°	2622.9	2243.8	2243.8	2458.8	2345.4
40°	2513.5	2130.4	2142.1	2290.7	2071.8
42.5°	2380.5	2009.2	2024.9	2067.8	1868.5
45°	2235.9	1892.0	1903.7	1747.3	1712.1
47.5°	2075.7	1770.8	1774.7	1450.2	1661.4
50°	1884.1	1645.6	1630.0	1243.1	1657.4
52.5°	1716.0	1508.9	1461.9	1125.8	1505.0
55°	1551.9	1364.2	1262.6	1035.9	1395.5
57.5°	1407.3	1176.6	1078.8	930.3	1372.1
60°	1274.4	992.9	918.6	817.0	1258.7
62.5°	1164.9	856.1	840.5	738.8	1141.4
65°	1047.6	762.2	758.4	672.4	969.4
67.5°	934.2	699.7	695.8	609.8	738.8
70°	813.0	633.2	625.5	543.3	547.2
72.5°	688.0	559.0	551.2	488.6	453.5
75°	562.9	473.0	469.1	426.0	367.4
77.5°	441.7	375.3	383.1	344.0	269.7
80°	316.6	273.7	281.4	246.2	203.3
82.5°	211.1	179.8	187.6	156.4	136.8
85°	117.3	101.6	105.6	82.1	62.5
87.5°	54.7	46.9	46.9	31.3	19.6
90°	31.5	20.0	18.6	12.9	7.2
92.5°	194.3	138.2	126.0	77.3	28.6
95°	478.1	269.3	247.0	157.8	68.8
97.5°	644.0	295.8	276.1	197.5	118.9
100°	704.4	317.9	300.1	228.8	157.5
102.5°	732.0	340.1	323.5	257.0	190.5
105°	752.6	373.1	359.0	302.7	246.3
107.5°	756.4	421.8	408.6	356.1	303.6
110°	750.7	449.0	437.1	389.7	342.3



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CATALOG NUMBER: SQ4-FA-075U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	751.0	481.9	470.6	425.4	380.2
115°	757.8	531.3	520.9	479.2	437.5
117.5°	771.9	579.3	569.8	532.0	494.1
120°	783.4	607.2	598.3	562.7	527.1
122.5°	799.9	640.2	631.2	595.2	559.3
125°	822.1	682.5	674.3	641.5	608.7
127.5°	844.3	723.3	715.0	681.9	648.8
130°	860.5	750.4	741.5	705.9	670.3
132.5°	873.6	772.6	763.7	728.1	692.5
135°	888.0	798.4	790.3	757.8	725.4
137.5°	909.4	831.4	823.4	791.2	759.1
140°	922.5	853.5	846.2	816.5	786.9
142.5°	933.5	870.0	863.2	835.8	808.4
145°	947.9	895.1	889.1	865.2	841.4
147.5°	968.9	926.6	920.8	897.6	874.3
150°	979.8	943.1	937.9	916.8	895.8
152.5°	987.0	953.8	949.8	933.9	918.0
155°	1002.8	977.4	974.5	962.7	951.0
157.5°	1018.5	1001.1	998.2	986.8	975.3
160°	1025.7	1011.9	1009.6	1000.7	991.8
162.5°	1033.3	1023.3	1021.6	1014.9	1008.2
165°	1044.3	1039.7	1038.2	1032.2	1026.2
167.5°	1052.9	1049.0	1048.4	1045.4	1042.6
170°	1060.1	1059.8	1059.1	1056.2	1053.4
172.5°	1060.5	1060.5	1060.4	1059.7	1059.1
175°	1064.8	1067.0	1067.0	1067.0	1067.0
177.5°	1065.3	1067.0	1067.0	1067.0	1067.0
180°	1067.0	1067.0	1067.0	1067.0	1067.0



TEST NUMBER: P934921
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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	14.60	15.57	15.46	16.45	17.56	17.45	18.42	18.31	19.30	20.41
	3H	15.09	15.96	15.96	16.85	17.98	18.81	19.68	19.69	20.57	21.71
	4H	15.28	16.10	16.17	17.00	18.14	19.27	20.09	20.16	20.98	22.13
	6H	15.41	16.16	16.31	17.07	18.22	19.56	20.32	20.46	21.22	22.38
	8H	15.41	16.13	16.32	17.05	18.21	19.64	20.36	20.55	21.28	22.44
	12H	15.39	16.07	16.30	16.99	18.17	19.69	20.38	20.60	21.29	22.47
4H	2H	15.65	16.47	16.55	17.37	18.51	17.88	18.70	18.77	19.59	20.74
	3H	16.69	17.37	17.59	18.30	19.46	19.40	20.08	20.30	21.01	22.17
	4H	16.97	17.59	17.89	18.52	19.70	19.93	20.56	20.85	21.48	22.67
	6H	17.10	17.64	18.03	18.59	19.77	20.31	20.85	21.24	21.80	22.98
	8H	17.11	17.61	18.04	18.55	19.75	20.42	20.93	21.36	21.87	23.07
	12H	17.08	17.53	18.03	18.49	19.70	20.49	20.94	21.44	21.90	23.11
8H	4H	17.44	17.94	18.37	18.88	20.08	20.07	20.57	21.00	21.51	22.71
	6H	17.70	18.12	18.66	19.10	20.30	20.51	20.93	21.47	21.91	23.11
	8H	17.75	18.11	18.71	19.09	20.30	20.67	21.04	21.64	22.01	23.23
	12H	17.74	18.06	18.71	19.02	20.29	20.78	21.10	21.75	22.07	23.33
12H	4H	17.45	17.90	18.40	18.86	20.07	20.04	20.49	20.99	21.45	22.65
	6H	17.77	18.13	18.73	19.11	20.32	20.51	20.88	21.48	21.85	23.07
	8H	17.84	18.16	18.81	19.13	20.39	20.68	21.00	21.65	21.97	23.24