

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: P934953

Luminaire Tested: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934953
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-93050-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

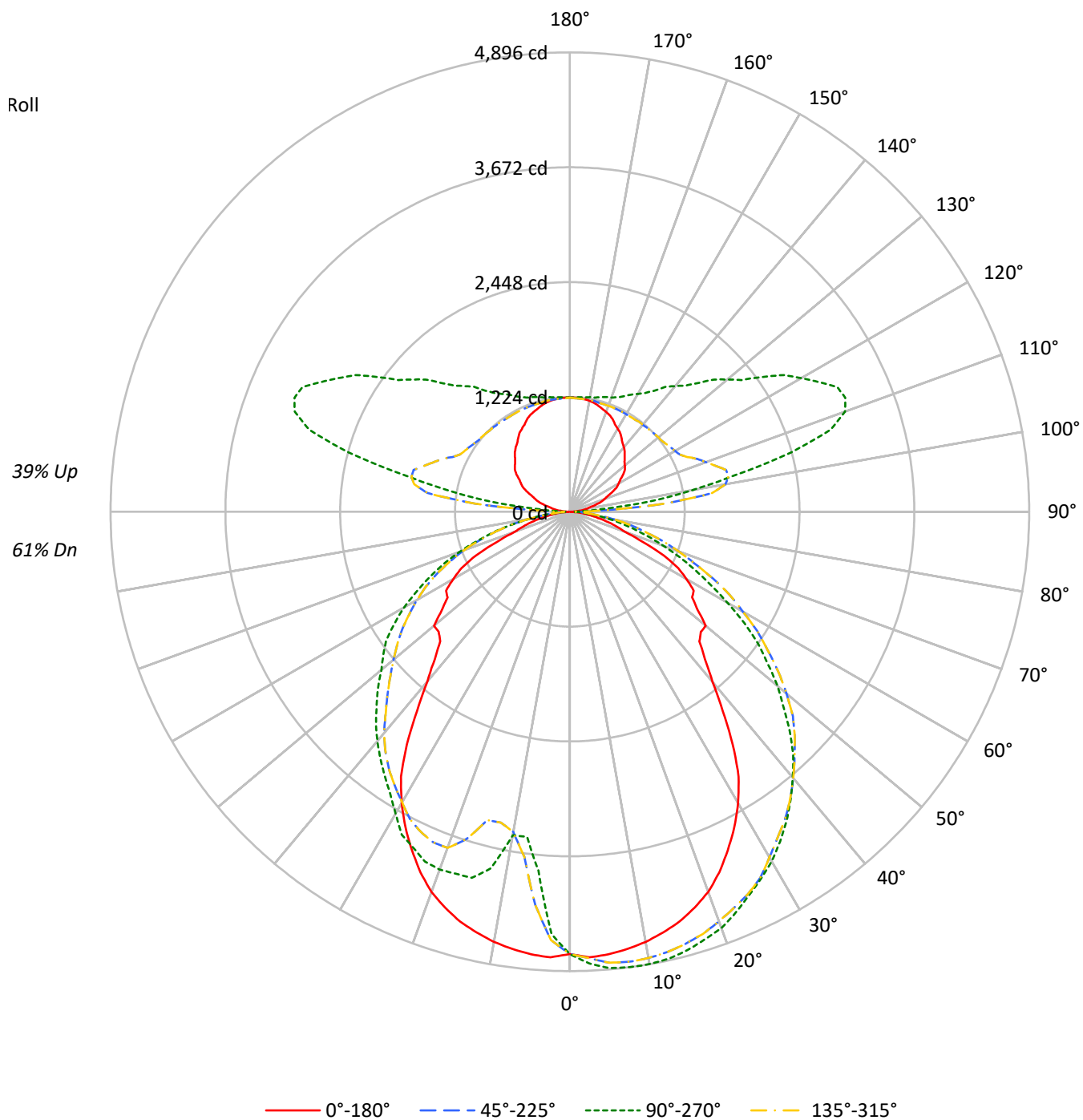
Lumens per Lamp: N/A
Luminaire Lumens: 20114.0 lumens
Efficiency: N/A
Efficacy: 108.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

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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CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-12-3000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14578	14578	14578	14578
5°	14692	14715	14692	11571
10°	14599	14495	14599	10363
15°	14445	14181	14445	11842
20°	14149	13809	14149	11866
25°	13536	13267	13536	11615
30°	12742	12816	12742	11063
35°	11365	12246	11365	10456
40°	9476	11575	9476	9997
45°	8472	10790	8472	9470
50°	9008	9854	9008	8941
55°	8482	8845	8482	8635
60°	8756	7512	8756	7909
65°	7951	6210	7951	6941
70°	5519	4949	5519	5818
75°	4857	3658	4857	4381
80°	3944	2418	3944	2634
85°	2310	1281	2310	1089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 12977 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	425.4	2.1
10°-20°	1207.9	6.0
20°-30°	1867.2	9.3
30°-40°	2229.0	11.1
40°-50°	2242.1	11.1
50°-60°	1950.9	9.7
60°-70°	1383.2	6.9
70°-80°	731.8	3.6
80°-90°	186.9	0.9
90°-100°	593.2	2.9
100°-110°	1559.7	7.8
110°-120°	1617.2	8.0
120°-130°	1297.2	6.4
130°-140°	1017.8	5.1
140°-150°	781.2	3.9
150°-160°	562.6	2.8
160°-170°	344.2	1.7
170°-180°	116.3	0.6
0°-30°	3500.5	17.4
0°-40°	5729.5	28.5
0°-60°	9922.5	49.3
0°-90°	12224.4	60.8
90°-120°	3770.1	18.7
90°-150°	6866.4	34.1
90°-180°	7890.0	39.2
0°-180°	20114.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4713	4713	4713	4713	4713	
5°	4735	4882	4735	3839	4735	449
15°	4521	4838	4521	4040	4521	1272
25°	3982	4512	3982	3950	3982	1828
35°	3028	4026	3028	3438	3028	1873
45°	1953	3317	1953	2912	1953	1564
55°	1592	2448	1592	2390	1592	1463
65°	1106	1476	1106	1650	1106	1057
75°	419	700	419	838	419	441
85°	71	178	71	152	71	96
90°	8	31	8	31	8	10
95°	78	359	78	359	78	87
105°	281	2442	281	2442	281	298
115°	499	3145	499	3145	499	493
125°	694	2504	694	2504	694	616
135°	827	1943	827	1943	827	640
145°	960	1576	960	1576	960	601
155°	1085	1358	1085	1358	1085	498
165°	1170	1264	1170	1264	1170	330
175°	1217	1225	1217	1225	1217	116
180°	1217	1217	1217	1217	1217	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4753.1	4753.1	4779.8	4788.8	4788.8	4775.3	4762.0	4775.3	4815.5	4828.9	4824.4
5°	4735.2	4770.9	4819.9	4828.9	4837.8	4833.3	4824.4	4833.3	4877.9	4886.9	4891.3
7.5°	4699.5	4766.5	4828.9	4842.2	4855.6	4842.2	4837.8	4846.7	4891.3	4900.2	4900.2
10°	4655.0	4748.6	4819.9	4828.9	4842.2	4828.9	4828.9	4846.7	4891.3	4900.2	4904.7
12.5°	4592.5	4721.8	4788.8	4797.6	4815.5	4811.0	4806.6	4824.4	4868.9	4877.9	4877.9
15°	4521.2	4672.8	4735.2	4744.1	4775.3	4766.5	4766.5	4784.3	4833.3	4846.7	4842.2
17.5°	4423.1	4610.4	4681.7	4695.1	4717.4	4713.0	4717.4	4735.2	4779.8	4788.8	4793.2
20°	4311.7	4525.6	4610.4	4623.7	4646.0	4646.0	4646.0	4668.3	4713.0	4730.8	4730.8
22.5°	4160.1	4436.5	4525.6	4534.6	4561.4	4561.4	4570.2	4601.4	4641.6	4646.0	4646.0
25°	3981.7	4338.4	4414.2	4441.0	4467.7	4481.1	4494.4	4512.3	4525.6	4521.2	4525.6
27.5°	3794.4	4213.6	4311.7	4329.5	4365.2	4378.5	4396.3	4400.8	4405.3	4418.6	4409.8
30°	3584.9	4039.7	4186.8	4204.6	4262.6	4271.5	4253.7	4262.6	4284.9	4293.8	4302.7
32.5°	3348.5	3781.1	4057.5	4097.6	4151.1	4124.4	4119.9	4133.3	4168.9	4168.9	4177.9
35°	3027.5	3580.4	3937.1	3972.7	4012.9	3981.7	3999.5	4004.0	4026.3	4039.7	4035.2
37.5°	2675.3	3406.5	3812.3	3839.1	3870.2	3830.1	3856.9	3870.2	3888.1	3879.1	3879.1
40°	2363.2	3134.5	3665.2	3683.0	3709.7	3678.5	3705.3	3714.2	3723.1	3714.2	3709.7
42.5°	2131.3	2835.8	3509.1	3531.4	3513.6	3535.8	3544.7	3562.6	3549.2	3531.4	3531.4
45°	1952.9	2755.5	3339.7	3366.4	3339.7	3375.3	3388.7	3388.7	3348.5	3339.7	3335.2
47.5°	1895.0	2595.0	3170.2	3170.2	3156.8	3201.4	3223.7	3192.4	3152.4	3139.0	3139.0
50°	1890.5	2416.6	2938.4	2920.5	2982.9	3036.5	3014.2	2982.9	2951.7	2902.7	2902.7
52.5°	1716.6	2198.2	2639.6	2706.5	2804.6	2835.8	2800.1	2768.9	2715.4	2693.1	2675.3
55°	1591.7	1970.8	2367.6	2501.4	2603.9	2644.0	2577.2	2545.9	2465.7	2452.3	2443.4
57.5°	1565.0	1640.8	2117.9	2287.4	2412.2	2407.8	2367.6	2309.7	2242.7	2229.4	2224.9
60°	1435.8	1186.1	1850.4	2051.0	2180.4	2166.9	2131.3	2077.8	2015.3	2006.5	1997.5
62.5°	1302.0	860.6	1547.2	1774.6	1957.4	1952.9	1921.7	1841.4	1796.9	1774.6	1756.8
65°	1105.8	722.3	1101.3	1475.9	1738.9	1747.8	1681.0	1623.0	1573.9	1547.2	1542.7
67.5°	842.7	588.5	744.6	1230.6	1529.4	1520.4	1435.8	1409.0	1346.5	1333.2	1306.4
70°	624.2	392.3	517.2	998.8	1324.2	1302.0	1235.1	1203.9	1145.9	1114.7	1096.8
72.5°	517.2	316.5	379.0	775.8	1114.7	1088.0	1030.0	994.3	945.2	918.5	900.7
75°	419.1	334.4	289.8	575.2	905.1	887.3	833.8	798.1	758.0	722.3	726.8
77.5°	307.7	312.1	231.9	423.6	717.8	691.1	659.9	615.3	597.5	561.8	561.8
80°	231.9	245.2	173.9	289.8	517.2	517.2	490.4	459.3	428.1	410.2	410.2
82.5°	156.1	156.1	129.3	182.8	352.3	338.8	321.0	312.1	294.3	285.4	285.4
85°	71.3	89.1	80.3	111.5	191.7	200.6	200.6	191.7	187.3	178.4	182.8
87.5°	22.3	40.1	49.0	62.4	98.1	102.6	107.0	107.0	107.0	111.5	111.5
90°	8.2	14.7	21.2	22.8	35.9	53.4	62.1	55.2	41.4	31.0	31.0
92.5°	32.7	88.2	143.8	157.7	221.6	306.9	349.6	306.4	220.0	155.2	149.0
95°	78.4	180.1	281.8	307.1	545.3	863.0	1021.8	911.9	691.8	526.8	508.1
97.5°	135.6	225.3	315.0	337.4	734.6	1264.2	1529.0	1459.5	1320.4	1216.2	1180.6
100°	179.7	261.0	342.4	362.7	803.5	1391.1	1685.0	1690.1	1700.3	1707.9	1665.5
102.5°	217.3	293.2	369.0	387.9	835.0	1431.1	1729.2	1817.7	1994.9	2127.8	2091.5
105°	281.0	345.3	409.5	425.5	858.5	1435.7	1724.3	1922.9	2320.0	2617.9	2598.4
107.5°	346.3	406.2	466.1	481.1	862.8	1371.8	1626.3	1903.3	2457.2	2872.7	2877.4
110°	390.4	444.5	498.6	512.1	856.3	1315.2	1544.6	1854.3	2473.6	2938.0	2958.3

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	433.7	485.3	536.8	549.7	856.6	1265.7	1470.3	1787.2	2421.0	2896.4	2927.6
115°	499.1	546.6	594.2	606.0	864.4	1209.0	1381.2	1686.5	2297.1	2755.1	2798.4
117.5°	563.6	606.8	649.9	660.7	880.5	1173.4	1319.9	1595.4	2146.5	2559.8	2607.9
120°	601.2	641.9	682.4	692.6	893.6	1161.5	1295.4	1547.1	2050.7	2428.3	2475.0
122.5°	637.9	678.9	719.9	730.2	912.4	1155.2	1276.6	1503.3	1956.8	2296.8	2342.9
125°	694.3	731.7	769.1	778.4	937.7	1150.0	1256.2	1448.8	1834.0	2122.9	2165.3
127.5°	740.1	777.8	815.6	825.0	963.1	1147.1	1239.1	1404.5	1735.2	1983.2	2019.0
130°	764.6	805.2	845.8	856.0	981.5	1148.8	1232.5	1379.7	1674.1	1894.9	1928.0
132.5°	789.9	830.5	871.1	881.3	996.4	1150.0	1226.8	1358.6	1622.1	1819.8	1849.4
135°	827.4	864.4	901.5	910.7	1012.9	1149.0	1217.1	1327.4	1548.1	1713.7	1739.1
137.5°	865.8	902.5	939.2	948.3	1037.4	1156.0	1215.4	1308.7	1495.3	1635.2	1656.1
140°	897.6	931.4	965.2	973.6	1052.3	1157.2	1209.7	1290.3	1451.5	1572.3	1591.8
142.5°	922.1	953.4	984.6	992.4	1064.9	1161.4	1209.7	1280.5	1422.1	1528.2	1545.0
145°	959.7	986.9	1014.2	1021.0	1081.2	1161.4	1201.5	1259.4	1375.2	1462.1	1474.8
147.5°	997.3	1023.8	1050.4	1056.9	1105.2	1169.4	1201.5	1247.1	1338.2	1406.5	1417.1
150°	1021.8	1045.8	1069.8	1075.7	1117.6	1173.6	1201.5	1240.0	1316.9	1374.6	1383.1
152.5°	1047.1	1065.3	1083.4	1088.0	1125.8	1176.3	1201.5	1234.4	1300.1	1349.3	1355.7
155°	1084.7	1098.1	1111.6	1114.9	1143.8	1182.3	1201.5	1227.7	1279.9	1319.1	1323.4
157.5°	1112.5	1125.5	1138.6	1141.9	1161.7	1188.3	1201.5	1221.8	1262.5	1292.9	1295.9
160°	1131.3	1141.4	1151.6	1154.2	1170.0	1191.0	1201.5	1218.9	1253.8	1279.9	1281.7
162.5°	1150.0	1157.7	1165.2	1167.2	1178.6	1193.9	1201.5	1216.2	1245.6	1267.7	1269.3
165°	1170.5	1177.4	1184.2	1186.0	1191.2	1198.1	1201.5	1212.1	1233.0	1248.9	1250.6
167.5°	1189.2	1192.5	1195.8	1196.6	1201.0	1206.8	1209.7	1216.5	1230.3	1240.7	1241.4
170°	1201.5	1204.8	1208.1	1208.9	1209.2	1209.5	1209.7	1216.5	1230.3	1240.7	1240.7
172.5°	1208.0	1208.7	1209.5	1209.7	1209.7	1209.7	1209.7	1215.1	1226.0	1234.2	1233.6
175°	1217.1	1217.1	1217.1	1217.1	1214.6	1211.4	1209.7	1213.1	1220.0	1225.2	1225.2
177.5°	1217.1	1217.1	1217.1	1217.1	1215.1	1212.6	1211.4	1214.1	1219.5	1223.6	1222.9
180°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4833.3	4819.9	4833.3	4824.4	4828.9	4815.5	4775.3	4762.0	4775.3	4788.8	4788.8
5°	4891.3	4882.4	4891.3	4891.3	4886.9	4877.9	4833.3	4824.4	4833.3	4837.8	4828.9
7.5°	4909.1	4895.7	4909.1	4900.2	4900.2	4891.3	4846.7	4837.8	4842.2	4855.6	4842.2
10°	4909.1	4895.7	4909.1	4904.7	4900.2	4891.3	4846.7	4828.9	4828.9	4842.2	4828.9
12.5°	4886.9	4877.9	4886.9	4877.9	4877.9	4868.9	4824.4	4806.6	4811.0	4815.5	4797.6
15°	4851.1	4837.8	4851.1	4842.2	4846.7	4833.3	4784.3	4766.5	4766.5	4775.3	4744.1
17.5°	4797.6	4779.8	4797.6	4793.2	4788.8	4779.8	4735.2	4717.4	4713.0	4717.4	4695.1
20°	4735.2	4721.8	4735.2	4730.8	4730.8	4713.0	4668.3	4646.0	4646.0	4646.0	4623.7
22.5°	4637.2	4623.7	4637.2	4646.0	4646.0	4641.6	4601.4	4570.2	4561.4	4561.4	4534.6
25°	4525.6	4512.3	4525.6	4525.6	4521.2	4525.6	4512.3	4494.4	4481.1	4467.7	4441.0
27.5°	4418.6	4409.8	4418.6	4409.8	4418.6	4405.3	4400.8	4396.3	4378.5	4365.2	4329.5
30°	4311.7	4302.7	4311.7	4302.7	4293.8	4284.9	4262.6	4253.7	4271.5	4262.6	4204.6
32.5°	4177.9	4168.9	4177.9	4177.9	4168.9	4168.9	4133.3	4119.9	4124.4	4151.1	4097.6
35°	4039.7	4026.3	4039.7	4035.2	4039.7	4026.3	4004.0	3999.5	3981.7	4012.9	3972.7
37.5°	3879.1	3865.8	3879.1	3879.1	3879.1	3888.1	3870.2	3856.9	3830.1	3870.2	3839.1
40°	3714.2	3696.3	3714.2	3709.7	3714.2	3723.1	3714.2	3705.3	3678.5	3709.7	3683.0
42.5°	3526.9	3522.4	3526.9	3531.4	3531.4	3549.2	3562.6	3544.7	3535.8	3513.6	3531.4
45°	3326.2	3317.3	3326.2	3335.2	3339.7	3348.5	3388.7	3388.7	3375.3	3339.7	3366.4
47.5°	3112.3	3090.0	3112.3	3139.0	3139.0	3152.4	3192.4	3223.7	3201.4	3156.8	3170.2
50°	2884.9	2889.3	2884.9	2902.7	2902.7	2951.7	2982.9	3014.2	3036.5	2982.9	2920.5
52.5°	2661.9	2657.5	2661.9	2675.3	2693.1	2715.4	2768.9	2800.1	2835.8	2804.6	2706.5
55°	2439.0	2447.9	2439.0	2443.4	2452.3	2465.7	2545.9	2577.2	2644.0	2603.9	2501.4
57.5°	2216.0	2202.6	2216.0	2224.9	2229.4	2242.7	2309.7	2367.6	2407.8	2412.2	2287.4
60°	1957.4	1939.6	1957.4	1997.5	2006.5	2015.3	2077.8	2131.3	2166.9	2180.4	2051.0
62.5°	1730.0	1698.8	1730.0	1756.8	1774.6	1796.9	1841.4	1921.7	1952.9	1957.4	1774.6
65°	1489.2	1475.9	1489.2	1542.7	1547.2	1573.9	1623.0	1681.0	1747.8	1738.9	1475.9
67.5°	1270.7	1270.7	1270.7	1306.4	1333.2	1346.5	1409.0	1435.8	1520.4	1529.4	1230.6
70°	1070.1	1065.6	1070.1	1096.8	1114.7	1145.9	1203.9	1235.1	1302.0	1324.2	998.8
72.5°	878.4	873.9	878.4	900.7	918.5	945.2	994.3	1030.0	1088.0	1114.7	775.8
75°	709.0	700.0	709.0	726.8	722.3	758.0	798.1	833.8	887.3	905.1	575.2
77.5°	543.9	543.9	543.9	561.8	561.8	597.5	615.3	659.9	691.1	717.8	423.6
80°	405.8	401.3	405.8	410.2	410.2	428.1	459.3	490.4	517.2	517.2	289.8
82.5°	285.4	276.4	285.4	285.4	285.4	294.3	312.1	321.0	338.8	352.3	182.8
85°	178.4	178.4	178.4	182.8	178.4	187.3	191.7	200.6	200.6	191.7	111.5
87.5°	115.9	111.5	115.9	111.5	111.5	107.0	107.0	107.0	102.6	98.1	62.4
90°	31.0	31.0	31.0	31.0	31.0	41.4	55.2	62.1	53.4	35.9	22.8
92.5°	124.4	99.7	124.4	149.0	155.2	220.0	306.4	349.6	306.9	221.6	157.7
95°	433.4	358.6	433.4	508.1	526.8	691.8	911.9	1021.8	863.0	545.3	307.1
97.5°	1038.3	896.0	1038.3	1180.6	1216.2	1320.4	1459.5	1529.0	1264.2	734.6	337.4
100°	1496.0	1326.5	1496.0	1665.5	1707.9	1700.3	1690.1	1685.0	1391.1	803.5	362.7
102.5°	1946.2	1801.0	1946.2	2091.5	2127.8	1994.9	1817.7	1729.2	1431.1	835.0	387.9
105°	2520.3	2442.2	2520.3	2598.4	2617.9	2320.0	1922.9	1724.3	1435.7	858.5	425.5
107.5°	2896.3	2915.2	2896.3	2877.4	2872.7	2457.2	1903.3	1626.3	1371.8	862.8	481.1
110°	3039.6	3121.0	3039.6	2958.3	2938.0	2473.6	1854.3	1544.6	1315.2	856.3	512.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3052.4	3177.3	3052.4	2927.6	2896.4	2421.0	1787.2	1470.3	1265.7	856.6	549.7
115°	2971.5	3144.7	2971.5	2798.4	2755.1	2297.1	1686.5	1381.2	1209.0	864.4	606.0
117.5°	2799.8	2991.9	2799.8	2607.9	2559.8	2146.5	1595.4	1319.9	1173.4	880.5	660.7
120°	2661.6	2848.2	2661.6	2475.0	2428.3	2050.7	1547.1	1295.4	1161.5	893.6	692.6
122.5°	2526.9	2711.0	2526.9	2342.9	2296.8	1956.8	1503.3	1276.6	1155.2	912.4	730.2
125°	2334.8	2504.3	2334.8	2165.3	2122.9	1834.0	1448.8	1256.2	1150.0	937.7	778.4
127.5°	2162.0	2305.0	2162.0	2019.0	1983.2	1735.2	1404.5	1239.1	1147.1	963.1	825.0
130°	2060.1	2192.3	2060.1	1928.0	1894.9	1674.1	1379.7	1232.5	1148.8	981.5	856.0
132.5°	1967.7	2086.1	1967.7	1849.4	1819.8	1622.1	1358.6	1226.8	1150.0	996.4	881.3
135°	1841.2	1943.2	1841.2	1739.1	1713.7	1548.1	1327.4	1217.1	1149.0	1012.9	910.7
137.5°	1739.6	1823.1	1739.6	1656.1	1635.2	1495.3	1308.7	1215.4	1156.0	1037.4	948.3
140°	1669.9	1747.9	1669.9	1591.8	1572.3	1451.5	1290.3	1209.7	1157.2	1052.3	973.6
142.5°	1612.2	1679.3	1612.2	1545.0	1528.2	1422.1	1280.5	1209.7	1161.4	1064.9	992.4
145°	1525.6	1576.4	1525.6	1474.8	1462.1	1375.2	1259.4	1201.5	1161.4	1081.2	1021.0
147.5°	1459.1	1501.3	1459.1	1417.1	1406.5	1338.2	1247.1	1201.5	1169.4	1105.2	1056.9
150°	1417.3	1451.5	1417.3	1383.1	1374.6	1316.9	1240.0	1201.5	1173.6	1117.6	1075.7
152.5°	1381.6	1407.3	1381.6	1355.7	1349.3	1300.1	1234.4	1201.5	1176.3	1125.8	1088.0
155°	1340.5	1357.5	1340.5	1323.4	1319.1	1279.9	1227.7	1201.5	1182.3	1143.8	1114.9
157.5°	1308.0	1319.9	1308.0	1295.9	1292.9	1262.5	1221.8	1201.5	1188.3	1161.7	1141.9
160°	1288.6	1295.4	1288.6	1281.7	1279.9	1253.8	1218.9	1201.5	1191.0	1170.0	1154.2
162.5°	1275.8	1282.4	1275.8	1269.3	1267.7	1245.6	1216.2	1201.5	1193.9	1178.6	1167.2
165°	1257.5	1264.4	1257.5	1250.6	1248.9	1233.0	1212.1	1201.5	1198.1	1191.2	1186.0
167.5°	1244.4	1247.3	1244.4	1241.4	1240.7	1230.3	1216.5	1209.7	1206.8	1201.0	1196.6
170°	1240.7	1240.7	1240.7	1240.7	1240.7	1230.3	1216.5	1209.7	1209.5	1209.2	1208.9
172.5°	1231.0	1228.5	1231.0	1233.6	1234.2	1226.0	1215.1	1209.7	1209.7	1209.7	1209.7
175°	1225.2	1225.2	1225.2	1225.2	1225.2	1220.0	1213.1	1209.7	1211.4	1214.6	1217.1
177.5°	1220.0	1217.1	1220.0	1222.9	1223.6	1219.5	1214.1	1211.4	1212.6	1215.1	1217.1
180°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4779.8	4753.1	4753.1	4708.5	4690.7	4677.3	4655.0	4588.1	4570.2	4552.4	4579.2
5°	4819.9	4770.9	4735.2	4655.0	4588.1	4561.4	4476.6	4316.1	4209.1	4128.8	4084.3
7.5°	4828.9	4766.5	4699.5	4574.7	4414.2	4342.8	4084.3	3790.0	3709.7	3638.4	3593.7
10°	4819.9	4748.6	4655.0	4467.7	4088.7	3963.9	3705.3	3513.6	3464.5	3451.1	3464.5
12.5°	4788.8	4721.8	4592.5	4280.4	3749.8	3665.2	3513.6	3402.0	3393.1	3415.4	3535.8
15°	4735.2	4672.8	4521.2	4030.7	3562.6	3500.1	3393.1	3353.0	3402.0	3558.1	3919.2
17.5°	4681.7	4610.4	4423.1	3785.5	3419.9	3375.3	3299.5	3379.8	3656.2	3865.8	3986.2
20°	4610.4	4525.6	4311.7	3607.2	3317.3	3277.2	3241.5	3602.7	3812.3	3888.1	3954.9
22.5°	4525.6	4436.5	4160.1	3482.3	3210.4	3179.1	3201.4	3727.5	3812.3	3865.8	3923.7
25°	4414.2	4338.4	3981.7	3384.2	3125.6	3090.0	3174.6	3714.2	3763.2	3776.6	3892.5
27.5°	4311.7	4213.6	3794.4	3295.0	3023.0	3009.7	3196.9	3656.2	3691.9	3705.3	3830.1
30°	4186.8	4039.7	3584.9	3201.4	2916.0	2911.6	3201.4	3584.9	3575.9	3611.6	3736.5
32.5°	4057.5	3781.1	3348.5	3085.5	2813.5	2809.1	3170.2	3477.8	3468.9	3517.9	3611.6
35°	3937.1	3580.4	3027.5	2951.7	2684.2	2688.7	3094.4	3353.0	3357.5	3402.0	3460.0
37.5°	3812.3	3406.5	2675.3	2804.6	2559.4	2559.4	2991.8	3237.1	3228.2	3241.5	3321.8
40°	3665.2	3134.5	2363.2	2612.9	2443.4	2430.0	2867.0	3112.3	3081.0	3076.6	3188.1
42.5°	3509.1	2835.8	2131.3	2358.7	2309.7	2291.8	2715.4	2960.7	2902.7	2916.0	3058.7
45°	3339.7	2755.5	1952.9	1993.0	2171.4	2158.1	2550.4	2786.8	2746.6	2782.3	2929.4
47.5°	3170.2	2595.0	1895.0	1654.2	2024.3	2019.8	2367.6	2617.3	2595.0	2630.7	2786.8
50°	2938.4	2416.6	1890.5	1417.9	1859.3	1877.1	2149.1	2452.3	2452.3	2483.6	2648.5
52.5°	2639.6	2198.2	1716.6	1284.2	1667.5	1721.1	1957.4	2309.7	2318.5	2349.8	2496.9
55°	2367.6	1970.8	1591.7	1181.6	1440.2	1556.1	1770.1	2162.5	2180.4	2211.6	2345.3
57.5°	2117.9	1640.8	1565.0	1061.2	1230.6	1342.1	1605.2	2019.8	2028.8	2055.5	2184.8
60°	1850.4	1186.1	1435.8	931.9	1047.8	1132.6	1453.6	1850.4	1881.6	1899.4	2010.9
62.5°	1547.2	860.6	1302.0	842.7	958.7	976.5	1328.7	1689.9	1730.0	1743.3	1810.3
65°	1101.3	722.3	1105.8	766.9	865.0	869.4	1194.9	1524.9	1560.6	1582.9	1631.9
67.5°	744.6	588.5	842.7	695.5	793.6	798.1	1065.6	1333.2	1382.2	1400.1	1431.3
70°	517.2	392.3	624.2	619.7	713.4	722.3	927.4	1159.3	1203.9	1217.2	1235.1
72.5°	379.0	316.5	517.2	557.4	628.7	637.6	784.8	963.1	1007.7	1021.0	1030.0
75°	289.8	334.4	419.1	486.0	535.1	539.5	642.0	784.8	815.9	824.9	829.3
77.5°	231.9	312.1	307.7	392.3	437.0	428.1	503.9	606.4	633.2	633.2	633.2
80°	173.9	245.2	231.9	280.9	321.0	312.1	361.2	432.5	441.4	450.3	445.9
82.5°	129.3	156.1	156.1	178.4	214.0	205.1	240.7	280.9	280.9	280.9	289.8
85°	80.3	89.1	71.3	93.6	120.4	115.9	133.8	151.6	156.1	156.1	147.1
87.5°	49.0	40.1	22.3	35.7	53.5	53.5	62.4	66.8	62.4	62.4	62.4
90°	21.2	14.7	8.2	14.7	21.2	22.8	35.9	53.4	62.1	55.2	41.4
92.5°	143.8	88.2	32.7	88.2	143.8	157.7	221.6	306.9	349.6	306.4	220.0
95°	281.8	180.1	78.4	180.1	281.8	307.1	545.3	863.0	1021.8	911.9	691.8
97.5°	315.0	225.3	135.6	225.3	315.0	337.4	734.6	1264.2	1529.0	1459.5	1320.4
100°	342.4	261.0	179.7	261.0	342.4	362.7	803.5	1391.1	1685.0	1690.1	1700.3
102.5°	369.0	293.2	217.3	293.2	369.0	387.9	835.0	1431.1	1729.2	1817.7	1994.9
105°	409.5	345.3	281.0	345.3	409.5	425.5	858.5	1435.7	1724.3	1922.9	2320.0
107.5°	466.1	406.2	346.3	406.2	466.1	481.1	862.8	1371.8	1626.3	1903.3	2457.2
110°	498.6	444.5	390.4	444.5	498.6	512.1	856.3	1315.2	1544.6	1854.3	2473.6

TEST NUMBER: P934953

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	536.8	485.3	433.7	485.3	536.8	549.7	856.6	1265.7	1470.3	1787.2	2421.0
115°	594.2	546.6	499.1	546.6	594.2	606.0	864.4	1209.0	1381.2	1686.5	2297.1
117.5°	649.9	606.8	563.6	606.8	649.9	660.7	880.5	1173.4	1319.9	1595.4	2146.5
120°	682.4	641.9	601.2	641.9	682.4	692.6	893.6	1161.5	1295.4	1547.1	2050.7
122.5°	719.9	678.9	637.9	678.9	719.9	730.2	912.4	1155.2	1276.6	1503.3	1956.8
125°	769.1	731.7	694.3	731.7	769.1	778.4	937.7	1150.0	1256.2	1448.8	1834.0
127.5°	815.6	777.8	740.1	777.8	815.6	825.0	963.1	1147.1	1239.1	1404.5	1735.2
130°	845.8	805.2	764.6	805.2	845.8	856.0	981.5	1148.8	1232.5	1379.7	1674.1
132.5°	871.1	830.5	789.9	830.5	871.1	881.3	996.4	1150.0	1226.8	1358.6	1622.1
135°	901.5	864.4	827.4	864.4	901.5	910.7	1012.9	1149.0	1217.1	1327.4	1548.1
137.5°	939.2	902.5	865.8	902.5	939.2	948.3	1037.4	1156.0	1215.4	1308.7	1495.3
140°	965.2	931.4	897.6	931.4	965.2	973.6	1052.3	1157.2	1209.7	1290.3	1451.5
142.5°	984.6	953.4	922.1	953.4	984.6	992.4	1064.9	1161.4	1209.7	1280.5	1422.1
145°	1014.2	986.9	959.7	986.9	1014.2	1021.0	1081.2	1161.4	1201.5	1259.4	1375.2
147.5°	1050.4	1023.8	997.3	1023.8	1050.4	1056.9	1105.2	1169.4	1201.5	1247.1	1338.2
150°	1069.8	1045.8	1021.8	1045.8	1069.8	1075.7	1117.6	1173.6	1201.5	1240.0	1316.9
152.5°	1083.4	1065.3	1047.1	1065.3	1083.4	1088.0	1125.8	1176.3	1201.5	1234.4	1300.1
155°	1111.6	1098.1	1084.7	1098.1	1111.6	1114.9	1143.8	1182.3	1201.5	1227.7	1279.9
157.5°	1138.6	1125.5	1112.5	1125.5	1138.6	1141.9	1161.7	1188.3	1201.5	1221.8	1262.5
160°	1151.6	1141.4	1131.3	1141.4	1151.6	1154.2	1170.0	1191.0	1201.5	1218.9	1253.8
162.5°	1165.2	1157.7	1150.0	1157.7	1165.2	1167.2	1178.6	1193.9	1201.5	1216.2	1245.6
165°	1184.2	1177.4	1170.5	1177.4	1184.2	1186.0	1191.2	1198.1	1201.5	1212.1	1233.0
167.5°	1195.8	1192.5	1189.2	1192.5	1195.8	1196.6	1201.0	1206.8	1209.7	1216.5	1230.3
170°	1208.1	1204.8	1201.5	1204.8	1208.1	1208.9	1209.2	1209.5	1209.7	1216.5	1230.3
172.5°	1209.5	1208.7	1208.0	1208.7	1209.5	1209.7	1209.7	1209.7	1209.7	1215.1	1226.0
175°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1214.6	1211.4	1209.7	1213.1	1220.0
177.5°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1215.1	1212.6	1211.4	1214.1	1219.5
180°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1

TEST NUMBER: P934953

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4547.9	4534.6	4552.4	4503.4	4552.4	4534.6	4547.9	4579.2	4552.4	4570.2	4588.1
5°	3990.6	3968.3	3896.9	3839.1	3896.9	3968.3	3990.6	4084.3	4128.8	4209.1	4316.1
7.5°	3567.0	3549.2	3531.4	3495.7	3531.4	3549.2	3567.0	3593.7	3638.4	3709.7	3790.0
10°	3473.4	3477.8	3504.6	3500.1	3504.6	3477.8	3473.4	3464.5	3451.1	3464.5	3513.6
12.5°	3714.2	3754.3	3901.4	3892.5	3901.4	3754.3	3714.2	3535.8	3415.4	3393.1	3402.0
15°	3990.6	4004.0	4035.2	4039.7	4035.2	4004.0	3990.6	3919.2	3558.1	3402.0	3353.0
17.5°	4017.3	4021.8	4044.1	4044.1	4044.1	4021.8	4017.3	3986.2	3865.8	3656.2	3379.8
20°	3995.0	4004.0	4048.6	4057.5	4048.6	4004.0	3995.0	3954.9	3888.1	3812.3	3602.7
22.5°	3986.2	4004.0	4039.7	4035.2	4039.7	4004.0	3986.2	3923.7	3865.8	3812.3	3727.5
25°	3941.6	3941.6	3946.0	3950.5	3946.0	3941.6	3941.6	3892.5	3776.6	3763.2	3714.2
27.5°	3847.9	3856.9	3883.6	3879.1	3883.6	3856.9	3847.9	3830.1	3705.3	3691.9	3656.2
30°	3763.2	3754.3	3732.0	3714.2	3732.0	3754.3	3763.2	3736.5	3611.6	3575.9	3584.9
32.5°	3620.5	3598.2	3575.9	3562.6	3575.9	3598.2	3620.5	3611.6	3517.9	3468.9	3477.8
35°	3451.1	3455.6	3451.1	3437.8	3451.1	3455.6	3451.1	3460.0	3402.0	3357.5	3353.0
37.5°	3330.7	3339.7	3335.2	3317.3	3335.2	3339.7	3330.7	3321.8	3241.5	3228.2	3237.1
40°	3205.9	3210.4	3205.9	3192.4	3205.9	3210.4	3205.9	3188.1	3076.6	3081.0	3112.3
42.5°	3085.5	3081.0	3067.6	3058.7	3067.6	3081.0	3085.5	3058.7	2916.0	2902.7	2960.7
45°	2947.2	2951.7	2924.9	2911.6	2924.9	2951.7	2947.2	2929.4	2782.3	2746.6	2786.8
47.5°	2809.1	2809.1	2786.8	2773.3	2786.8	2809.1	2809.1	2786.8	2630.7	2595.0	2617.3
50°	2661.9	2657.5	2626.2	2621.7	2626.2	2657.5	2661.9	2648.5	2483.6	2452.3	2452.3
52.5°	2492.4	2492.4	2496.9	2505.8	2496.9	2492.4	2492.4	2496.9	2349.8	2318.5	2309.7
55°	2345.3	2349.8	2381.0	2389.9	2381.0	2349.8	2345.3	2345.3	2211.6	2180.4	2162.5
57.5°	2193.7	2193.7	2216.0	2216.0	2216.0	2193.7	2193.7	2184.8	2055.5	2028.8	2019.8
60°	2019.8	2028.8	2046.6	2042.1	2046.6	2028.8	2019.8	2010.9	1899.4	1881.6	1850.4
62.5°	1837.1	1845.9	1850.4	1841.4	1850.4	1845.9	1837.1	1810.3	1743.3	1730.0	1689.9
65°	1645.3	1654.2	1658.7	1649.7	1658.7	1654.2	1645.3	1631.9	1582.9	1560.6	1524.9
67.5°	1449.1	1444.6	1440.2	1458.0	1440.2	1444.6	1449.1	1431.3	1400.1	1382.2	1333.2
70°	1248.4	1248.4	1244.0	1252.9	1244.0	1248.4	1248.4	1235.1	1217.2	1203.9	1159.3
72.5°	1034.5	1030.0	1047.8	1034.5	1047.8	1030.0	1034.5	1030.0	1021.0	1007.7	963.1
75°	824.9	833.8	824.9	838.3	824.9	833.8	824.9	829.3	824.9	815.9	784.8
77.5°	628.7	637.6	628.7	628.7	628.7	637.6	628.7	633.2	633.2	633.2	606.4
80°	445.9	441.4	441.4	437.0	441.4	441.4	445.9	445.9	450.3	441.4	432.5
82.5°	285.4	280.9	280.9	289.8	280.9	280.9	285.4	289.8	280.9	280.9	280.9
85°	156.1	160.6	151.6	151.6	151.6	160.6	156.1	147.1	156.1	156.1	151.6
87.5°	58.0	53.5	53.5	53.5	53.5	53.5	58.0	62.4	62.4	62.4	66.8
90°	31.0	31.0	31.0	31.0	31.0	31.0	31.0	41.4	55.2	62.1	53.4
92.5°	155.2	149.0	124.4	99.7	124.4	149.0	155.2	220.0	306.4	349.6	306.9
95°	526.8	508.1	433.4	358.6	433.4	508.1	526.8	691.8	911.9	1021.8	863.0
97.5°	1216.2	1180.6	1038.3	896.0	1038.3	1180.6	1216.2	1320.4	1459.5	1529.0	1264.2
100°	1707.9	1665.5	1496.0	1326.5	1496.0	1665.5	1707.9	1700.3	1690.1	1685.0	1391.1
102.5°	2127.8	2091.5	1946.2	1801.0	1946.2	2091.5	2127.8	1994.9	1817.7	1729.2	1431.1
105°	2617.9	2598.4	2520.3	2442.2	2520.3	2598.4	2617.9	2320.0	1922.9	1724.3	1435.7
107.5°	2872.7	2877.4	2896.3	2915.2	2896.3	2877.4	2872.7	2457.2	1903.3	1626.3	1371.8
110°	2938.0	2958.3	3039.6	3121.0	3039.6	2958.3	2938.0	2473.6	1854.3	1544.6	1315.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2896.4	2927.6	3052.4	3177.3	3052.4	2927.6	2896.4	2421.0	1787.2	1470.3	1265.7
115°	2755.1	2798.4	2971.5	3144.7	2971.5	2798.4	2755.1	2297.1	1686.5	1381.2	1209.0
117.5°	2559.8	2607.9	2799.8	2991.9	2799.8	2607.9	2559.8	2146.5	1595.4	1319.9	1173.4
120°	2428.3	2475.0	2661.6	2848.2	2661.6	2475.0	2428.3	2050.7	1547.1	1295.4	1161.5
122.5°	2296.8	2342.9	2526.9	2711.0	2526.9	2342.9	2296.8	1956.8	1503.3	1276.6	1155.2
125°	2122.9	2165.3	2334.8	2504.3	2334.8	2165.3	2122.9	1834.0	1448.8	1256.2	1150.0
127.5°	1983.2	2019.0	2162.0	2305.0	2162.0	2019.0	1983.2	1735.2	1404.5	1239.1	1147.1
130°	1894.9	1928.0	2060.1	2192.3	2060.1	1928.0	1894.9	1674.1	1379.7	1232.5	1148.8
132.5°	1819.8	1849.4	1967.7	2086.1	1967.7	1849.4	1819.8	1622.1	1358.6	1226.8	1150.0
135°	1713.7	1739.1	1841.2	1943.2	1841.2	1739.1	1713.7	1548.1	1327.4	1217.1	1149.0
137.5°	1635.2	1656.1	1739.6	1823.1	1739.6	1656.1	1635.2	1495.3	1308.7	1215.4	1156.0
140°	1572.3	1591.8	1669.9	1747.9	1669.9	1591.8	1572.3	1451.5	1290.3	1209.7	1157.2
142.5°	1528.2	1545.0	1612.2	1679.3	1612.2	1545.0	1528.2	1422.1	1280.5	1209.7	1161.4
145°	1462.1	1474.8	1525.6	1576.4	1525.6	1474.8	1462.1	1375.2	1259.4	1201.5	1161.4
147.5°	1406.5	1417.1	1459.1	1501.3	1459.1	1417.1	1406.5	1338.2	1247.1	1201.5	1169.4
150°	1374.6	1383.1	1417.3	1451.5	1417.3	1383.1	1374.6	1316.9	1240.0	1201.5	1173.6
152.5°	1349.3	1355.7	1381.6	1407.3	1381.6	1355.7	1349.3	1300.1	1234.4	1201.5	1176.3
155°	1319.1	1323.4	1340.5	1357.5	1340.5	1323.4	1319.1	1279.9	1227.7	1201.5	1182.3
157.5°	1292.9	1295.9	1308.0	1319.9	1308.0	1295.9	1292.9	1262.5	1221.8	1201.5	1188.3
160°	1279.9	1281.7	1288.6	1295.4	1288.6	1281.7	1279.9	1253.8	1218.9	1201.5	1191.0
162.5°	1267.7	1269.3	1275.8	1282.4	1275.8	1269.3	1267.7	1245.6	1216.2	1201.5	1193.9
165°	1248.9	1250.6	1257.5	1264.4	1257.5	1250.6	1248.9	1233.0	1212.1	1201.5	1198.1
167.5°	1240.7	1241.4	1244.4	1247.3	1244.4	1241.4	1240.7	1230.3	1216.5	1209.7	1206.8
170°	1240.7	1240.7	1240.7	1240.7	1240.7	1240.7	1240.7	1230.3	1216.5	1209.7	1209.5
172.5°	1234.2	1233.6	1231.0	1228.5	1231.0	1233.6	1234.2	1226.0	1215.1	1209.7	1209.7
175°	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1220.0	1213.1	1209.7	1211.4
177.5°	1223.6	1222.9	1220.0	1217.1	1220.0	1222.9	1223.6	1219.5	1214.1	1211.4	1212.6
180°	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1	1217.1

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4655.0	4677.3	4690.7	4708.5	4753.1
5°	4476.6	4561.4	4588.1	4655.0	4735.2
7.5°	4084.3	4342.8	4414.2	4574.7	4699.5
10°	3705.3	3963.9	4088.7	4467.7	4655.0
12.5°	3513.6	3665.2	3749.8	4280.4	4592.5
15°	3393.1	3500.1	3562.6	4030.7	4521.2
17.5°	3299.5	3375.3	3419.9	3785.5	4423.1
20°	3241.5	3277.2	3317.3	3607.2	4311.7
22.5°	3201.4	3179.1	3210.4	3482.3	4160.1
25°	3174.6	3090.0	3125.6	3384.2	3981.7
27.5°	3196.9	3009.7	3023.0	3295.0	3794.4
30°	3201.4	2911.6	2916.0	3201.4	3584.9
32.5°	3170.2	2809.1	2813.5	3085.5	3348.5
35°	3094.4	2688.7	2684.2	2951.7	3027.5
37.5°	2991.8	2559.4	2559.4	2804.6	2675.3
40°	2867.0	2430.0	2443.4	2612.9	2363.2
42.5°	2715.4	2291.8	2309.7	2358.7	2131.3
45°	2550.4	2158.1	2171.4	1993.0	1952.9
47.5°	2367.6	2019.8	2024.3	1654.2	1895.0
50°	2149.1	1877.1	1859.3	1417.9	1890.5
52.5°	1957.4	1721.1	1667.5	1284.2	1716.6
55°	1770.1	1556.1	1440.2	1181.6	1591.7
57.5°	1605.2	1342.1	1230.6	1061.2	1565.0
60°	1453.6	1132.6	1047.8	931.9	1435.8
62.5°	1328.7	976.5	958.7	842.7	1302.0
65°	1194.9	869.4	865.0	766.9	1105.8
67.5°	1065.6	798.1	793.6	695.5	842.7
70°	927.4	722.3	713.4	619.7	624.2
72.5°	784.8	637.6	628.7	557.4	517.2
75°	642.0	539.5	535.1	486.0	419.1
77.5°	503.9	428.1	437.0	392.3	307.7
80°	361.2	312.1	321.0	280.9	231.9
82.5°	240.7	205.1	214.0	178.4	156.1
85°	133.8	115.9	120.4	93.6	71.3
87.5°	62.4	53.5	53.5	35.7	22.3
90°	35.9	22.8	21.2	14.7	8.2
92.5°	221.6	157.7	143.8	88.2	32.7
95°	545.3	307.1	281.8	180.1	78.4
97.5°	734.6	337.4	315.0	225.3	135.6
100°	803.5	362.7	342.4	261.0	179.7
102.5°	835.0	387.9	369.0	293.2	217.3
105°	858.5	425.5	409.5	345.3	281.0
107.5°	862.8	481.1	466.1	406.2	346.3
110°	856.3	512.1	498.6	444.5	390.4



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CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	856.6	549.7	536.8	485.3	433.7
115°	864.4	606.0	594.2	546.6	499.1
117.5°	880.5	660.7	649.9	606.8	563.6
120°	893.6	692.6	682.4	641.9	601.2
122.5°	912.4	730.2	719.9	678.9	637.9
125°	937.7	778.4	769.1	731.7	694.3
127.5°	963.1	825.0	815.6	777.8	740.1
130°	981.5	856.0	845.8	805.2	764.6
132.5°	996.4	881.3	871.1	830.5	789.9
135°	1012.9	910.7	901.5	864.4	827.4
137.5°	1037.4	948.3	939.2	902.5	865.8
140°	1052.3	973.6	965.2	931.4	897.6
142.5°	1064.9	992.4	984.6	953.4	922.1
145°	1081.2	1021.0	1014.2	986.9	959.7
147.5°	1105.2	1056.9	1050.4	1023.8	997.3
150°	1117.6	1075.7	1069.8	1045.8	1021.8
152.5°	1125.8	1088.0	1083.4	1065.3	1047.1
155°	1143.8	1114.9	1111.6	1098.1	1084.7
157.5°	1161.7	1141.9	1138.6	1125.5	1112.5
160°	1170.0	1154.2	1151.6	1141.4	1131.3
162.5°	1178.6	1167.2	1165.2	1157.7	1150.0
165°	1191.2	1186.0	1184.2	1177.4	1170.5
167.5°	1201.0	1196.6	1195.8	1192.5	1189.2
170°	1209.2	1208.9	1208.1	1204.8	1201.5
172.5°	1209.7	1209.7	1209.5	1208.7	1208.0
175°	1214.6	1217.1	1217.1	1217.1	1217.1
177.5°	1215.1	1217.1	1217.1	1217.1	1217.1
180°	1217.1	1217.1	1217.1	1217.1	1217.1

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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	15.06	16.03	15.92	16.91	18.02	17.91	18.88	18.77	19.76	20.87
	3H	15.55	16.41	16.42	17.30	18.44	19.27	20.14	20.14	21.03	22.16
	4H	15.74	16.56	16.63	17.46	18.60	19.73	20.54	20.61	21.44	22.59
	6H	15.87	16.62	16.76	17.52	18.68	20.02	20.78	20.92	21.68	22.84
	8H	15.87	16.59	16.78	17.51	18.67	20.10	20.82	21.01	21.74	22.90
	12H	15.84	16.53	16.76	17.44	18.63	20.15	20.83	21.06	21.75	22.93
4H	2H	16.11	16.93	17.00	17.83	18.97	18.33	19.15	19.22	20.05	21.19
	3H	17.15	17.83	18.05	18.76	19.92	19.85	20.54	20.76	21.47	22.63
	4H	17.43	18.05	18.34	18.97	20.16	20.39	21.01	21.31	21.94	23.12
	6H	17.56	18.10	18.49	19.04	20.23	20.77	21.31	21.70	22.25	23.44
	8H	17.57	18.07	18.50	19.01	20.21	20.88	21.38	21.81	22.32	23.52
	12H	17.54	17.99	18.49	18.95	20.16	20.95	21.40	21.90	22.36	23.56
8H	4H	17.89	18.40	18.83	19.34	20.54	20.52	21.03	21.46	21.97	23.17
	6H	18.16	18.58	19.12	19.56	20.76	20.97	21.39	21.93	22.37	23.57
	8H	18.20	18.57	19.17	19.54	20.76	21.13	21.49	22.09	22.47	23.68
	12H	18.19	18.52	19.16	19.48	20.75	21.23	21.56	22.21	22.52	23.79
12H	4H	17.91	18.36	18.86	19.32	20.52	20.49	20.95	21.44	21.91	23.11
	6H	18.22	18.59	19.19	19.56	20.78	20.97	21.34	21.94	22.31	23.53
	8H	18.29	18.62	19.26	19.58	20.85	21.14	21.46	22.11	22.43	23.69

END OF REPORT