

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: P935141

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

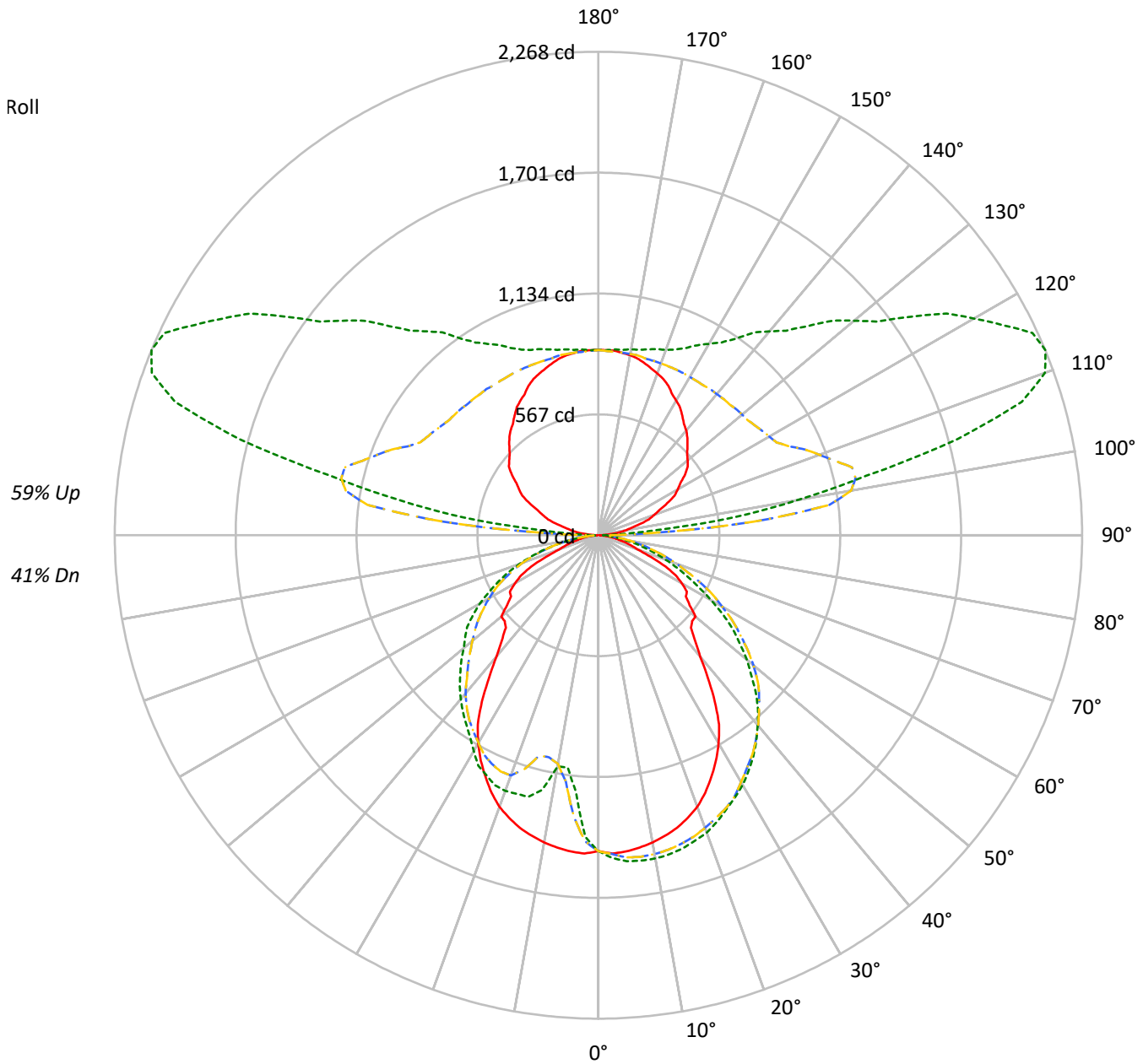
Test Method: LM-79-2019  
Report Number: P935141  
REPORT IS A COMBINATION OF REPORTS P933743 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9478.8 lumens  
Efficiency: N/A  
Efficacy: 128.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 73.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P935141  
CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	41	41	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	34	34	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	29	29	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	24	24	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	21	21	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	18	18	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	16	16	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14	14	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	13	13	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	11	11	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	10	10	10

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	9168	9168	9168	9168
5°	9233	9255	9233	7277
10°	9167	9116	9167	6517
15°	9065	8918	9065	7447
20°	8872	8685	8872	7463
25°	8480	8343	8480	7304
30°	7976	8060	7976	6957
35°	7106	7702	7106	6576
40°	5918	7280	5918	6288
45°	5284	6786	5284	5956
50°	5610	6197	5610	5623
55°	5273	5562	5273	5431
60°	5429	4724	5429	4974
65°	4914	3905	4914	4366
70°	3395	3112	3395	3659
75°	2966	2300	2966	2755
80°	2373	1521	2373	1656
85°	1335	806	1335	685

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8104 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	133.8	1.4
10°-20°	379.8	4.0
20°-30°	587.1	6.2
30°-40°	700.9	7.4
40°-50°	705.0	7.4
50°-60°	613.5	6.5
60°-70°	435.0	4.6
70°-80°	230.1	2.4
80°-90°	60.6	0.6
90°-100°	423.6	4.5
100°-110°	1113.6	11.7
110°-120°	1154.6	12.2
120°-130°	926.2	9.8
130°-140°	726.7	7.7
140°-150°	557.8	5.9
150°-160°	401.7	4.2
160°-170°	245.8	2.6
170°-180°	83.0	0.9
0°-30°	1100.7	11.6
0°-40°	1801.6	19.0
0°-60°	3120.1	32.9
0°-90°	3845.8	40.6
90°-120°	2691.8	28.4
90°-150°	4902.4	51.7
90°-180°	5633.0	59.4
0°-180°	9478.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1482	1482	1482	1482	1482	
5°	1489	1535	1489	1207	1489	141
15°	1422	1521	1422	1270	1422	400
25°	1252	1419	1252	1242	1252	575
35°	952	1266	952	1081	952	589
45°	614	1043	614	916	614	492
55°	500	770	500	752	500	460
65°	348	464	348	519	348	332
75°	132	220	132	264	132	139
85°	22	56	22	48	22	30
90°	6	22	6	22	6	6
95°	56	256	56	256	56	62
105°	201	1744	201	1744	201	213
115°	356	2245	356	2245	356	352
125°	496	1788	496	1788	496	440
135°	591	1387	591	1387	591	457
145°	685	1126	685	1126	685	429
155°	774	969	774	969	774	356
165°	836	903	836	903	836	236
175°	869	875	869	875	869	82
180°	869	869	869	869	869	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1494.6	1494.6	1503.0	1505.8	1505.8	1501.6	1497.4	1501.6	1514.2	1518.4	1517.0
5°	1489.0	1500.2	1515.6	1518.4	1521.2	1519.8	1517.0	1519.8	1533.9	1536.7	1538.1
7.5°	1477.8	1498.8	1518.4	1522.6	1526.8	1522.6	1521.2	1524.0	1538.1	1540.9	1540.9
10°	1463.7	1493.2	1515.6	1518.4	1522.6	1518.4	1518.4	1524.0	1538.1	1540.9	1542.3
12.5°	1444.1	1484.8	1505.8	1508.6	1514.2	1512.8	1511.4	1517.0	1531.0	1533.9	1533.9
15°	1421.7	1469.4	1489.0	1491.8	1501.6	1498.8	1498.8	1504.4	1519.8	1524.0	1522.6
17.5°	1390.8	1449.7	1472.2	1476.4	1483.4	1482.0	1483.4	1489.0	1503.0	1505.8	1507.2
20°	1355.8	1423.1	1449.7	1453.9	1460.9	1460.9	1460.9	1468.0	1482.0	1487.6	1487.6
22.5°	1308.1	1395.0	1423.1	1425.9	1434.3	1434.3	1437.1	1446.9	1459.5	1460.9	1460.9
25°	1252.0	1364.2	1388.0	1396.5	1404.9	1409.1	1413.3	1418.9	1423.1	1421.7	1423.1
27.5°	1193.2	1324.9	1355.8	1361.4	1372.6	1376.8	1382.4	1383.8	1385.2	1389.4	1386.6
30°	1127.3	1270.3	1316.5	1322.1	1340.4	1343.2	1337.6	1340.4	1347.4	1350.2	1353.0
32.5°	1052.9	1188.9	1275.9	1288.5	1305.3	1296.9	1295.5	1299.7	1310.9	1310.9	1313.7
35°	952.0	1125.9	1238.0	1249.2	1261.9	1252.0	1257.6	1259.0	1266.1	1270.3	1268.9
37.5°	841.2	1071.2	1198.8	1207.2	1217.0	1204.4	1212.8	1217.0	1222.6	1219.8	1219.8
40°	743.1	985.6	1152.5	1158.1	1166.5	1156.7	1165.1	1167.9	1170.7	1167.9	1166.5
42.5°	670.2	891.7	1103.4	1110.4	1104.8	1111.8	1114.6	1120.2	1116.0	1110.4	1110.4
45°	614.1	866.5	1050.1	1058.6	1050.1	1061.4	1065.6	1065.6	1052.9	1050.1	1048.7
47.5°	595.9	816.0	996.9	996.9	992.7	1006.7	1013.7	1003.9	991.3	987.0	987.0
50°	594.5	759.9	924.0	918.3	938.0	954.8	947.8	938.0	928.2	912.7	912.7
52.5°	539.8	691.2	830.0	851.0	881.9	891.7	880.5	870.7	853.9	846.8	841.2
55°	500.5	619.7	744.5	786.6	818.8	831.4	810.4	800.6	775.3	771.1	768.3
57.5°	492.1	516.0	666.0	719.3	758.5	757.1	744.5	726.3	705.2	701.0	699.6
60°	451.5	372.9	581.9	644.9	685.6	681.4	670.2	653.4	633.7	630.9	628.1
62.5°	409.4	270.6	486.5	558.0	615.5	614.1	604.3	579.1	565.0	558.0	552.4
65°	347.7	227.1	346.3	464.1	546.8	549.6	528.6	510.3	494.9	486.5	485.1
67.5°	265.0	185.1	234.1	387.0	480.9	478.1	451.5	443.1	423.4	419.2	410.8
70°	196.3	123.4	162.6	314.1	416.4	409.4	388.4	378.6	360.3	350.5	344.9
72.5°	162.6	99.5	119.2	244.0	350.5	342.1	323.9	312.7	297.2	288.8	283.2
75°	131.8	105.2	91.1	180.9	284.6	279.0	262.2	251.0	238.4	227.1	228.5
77.5°	96.7	98.1	72.9	133.2	225.7	217.3	207.5	193.5	187.9	176.7	176.7
80°	72.9	77.1	54.7	91.1	162.6	162.6	154.2	144.4	134.6	129.0	129.0
82.5°	49.1	49.1	40.7	57.5	110.8	106.6	100.9	98.1	92.5	89.7	89.7
85°	22.4	28.0	25.2	35.1	60.3	63.1	63.1	60.3	58.9	56.1	57.5
87.5°	7.0	12.6	15.4	19.6	30.8	32.2	33.6	33.6	33.6	35.1	35.1
90°	5.8	10.5	15.1	16.4	25.7	38.1	44.3	39.4	29.5	22.2	22.2
92.5°	23.4	63.0	102.6	112.5	158.2	219.1	249.6	218.7	157.0	110.8	106.4
95°	56.0	128.5	201.1	219.3	389.4	616.2	729.5	651.0	493.9	376.1	362.8
97.5°	96.8	160.9	224.9	240.9	524.5	902.6	1091.7	1042.1	942.8	868.3	842.9
100°	128.3	186.4	244.4	258.9	573.6	993.2	1203.1	1206.7	1214.0	1219.4	1189.1
102.5°	155.2	209.4	263.5	277.0	596.2	1021.8	1234.6	1297.8	1424.3	1519.2	1493.3
105°	200.6	246.5	292.4	303.9	613.0	1025.1	1231.1	1372.9	1656.4	1869.0	1855.1
107.5°	247.2	290.0	332.8	343.5	616.1	979.4	1161.1	1358.9	1754.3	2051.0	2054.4
110°	278.7	317.3	356.0	365.7	611.4	939.0	1102.8	1323.8	1766.0	2097.7	2112.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	309.7	346.5	383.3	392.5	611.6	903.7	1049.7	1276.0	1728.6	2067.9	2090.2
115°	356.3	390.2	424.2	432.7	617.2	863.1	986.1	1204.1	1640.1	1967.1	1998.0
117.5°	402.4	433.2	464.1	471.7	628.6	837.8	942.4	1139.1	1532.5	1827.6	1861.9
120°	429.2	458.3	487.3	494.6	638.0	829.3	924.9	1104.6	1464.1	1733.8	1767.1
122.5°	455.5	484.7	514.1	521.4	651.4	824.8	911.5	1073.4	1397.1	1639.8	1672.7
125°	495.7	522.4	549.1	555.8	669.5	821.1	896.9	1034.4	1309.4	1515.7	1546.0
127.5°	528.4	555.3	582.3	589.1	687.6	819.0	884.7	1002.8	1238.9	1416.0	1441.5
130°	545.9	574.9	603.9	611.2	700.8	820.3	880.0	985.1	1195.3	1353.0	1376.5
132.5°	563.9	593.0	622.0	629.2	711.5	821.1	875.9	970.0	1158.2	1299.3	1320.5
135°	590.7	617.2	643.6	650.3	723.2	820.3	868.9	947.7	1105.3	1223.5	1241.8
137.5°	618.1	644.3	670.6	677.1	740.7	825.4	867.8	934.4	1067.6	1167.5	1182.4
140°	640.9	665.0	689.2	695.1	751.3	826.2	863.7	921.2	1036.3	1122.6	1136.5
142.5°	658.4	680.7	703.0	708.6	760.3	829.2	863.7	914.2	1015.3	1091.1	1103.0
145°	685.2	704.7	724.1	729.0	772.0	829.3	857.9	899.2	981.9	1043.9	1052.9
147.5°	712.1	730.9	749.8	754.6	789.0	834.9	857.9	890.4	955.5	1004.2	1011.7
150°	729.5	746.6	763.7	768.0	798.0	837.9	857.9	885.4	940.2	981.4	987.5
152.5°	747.7	760.7	773.6	776.8	803.8	839.8	857.9	881.3	928.3	963.4	968.0
155°	774.5	784.0	793.6	796.0	816.7	844.1	857.9	876.6	913.9	941.8	944.9
157.5°	794.3	803.7	812.9	815.3	829.5	848.4	857.9	872.4	901.4	923.2	925.4
160°	807.7	815.0	822.3	824.0	835.3	850.4	857.9	870.3	895.2	913.9	915.1
162.5°	821.1	826.6	832.0	833.4	841.5	852.5	857.9	868.3	889.4	905.1	906.2
165°	835.7	840.6	845.5	846.8	850.5	855.4	857.9	865.4	880.4	891.7	892.9
167.5°	849.1	851.4	853.8	854.3	857.4	861.6	863.7	868.6	878.4	885.8	886.4
170°	857.9	860.2	862.5	863.1	863.3	863.6	863.7	868.6	878.4	885.8	885.8
172.5°	862.5	863.0	863.6	863.7	863.7	863.7	863.7	867.6	875.4	881.1	880.7
175°	868.9	868.9	868.9	868.9	867.1	864.8	863.7	866.1	871.1	874.8	874.8
177.5°	868.9	868.9	868.9	868.9	867.6	865.8	864.9	866.8	870.7	873.6	873.0
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1519.8	1515.6	1519.8	1517.0	1518.4	1514.2	1501.6	1497.4	1501.6	1505.8	1505.8
5°	1538.1	1535.3	1538.1	1538.1	1536.7	1533.9	1519.8	1517.0	1519.8	1521.2	1518.4
7.5°	1543.7	1539.5	1543.7	1540.9	1540.9	1538.1	1524.0	1521.2	1522.6	1526.8	1522.6
10°	1543.7	1539.5	1543.7	1542.3	1540.9	1538.1	1524.0	1518.4	1518.4	1522.6	1518.4
12.5°	1536.7	1533.9	1536.7	1533.9	1533.9	1531.0	1517.0	1511.4	1512.8	1514.2	1508.6
15°	1525.4	1521.2	1525.4	1522.6	1524.0	1519.8	1504.4	1498.8	1498.8	1501.6	1491.8
17.5°	1508.6	1503.0	1508.6	1507.2	1505.8	1503.0	1489.0	1483.4	1482.0	1483.4	1476.4
20°	1489.0	1484.8	1489.0	1487.6	1487.6	1482.0	1468.0	1460.9	1460.9	1460.9	1453.9
22.5°	1458.1	1453.9	1458.1	1460.9	1460.9	1459.5	1446.9	1437.1	1434.3	1434.3	1425.9
25°	1423.1	1418.9	1423.1	1423.1	1421.7	1423.1	1418.9	1413.3	1409.1	1404.9	1396.5
27.5°	1389.4	1386.6	1389.4	1386.6	1389.4	1385.2	1383.8	1382.4	1376.8	1372.6	1361.4
30°	1355.8	1353.0	1355.8	1353.0	1350.2	1347.4	1340.4	1337.6	1343.2	1340.4	1322.1
32.5°	1313.7	1310.9	1313.7	1313.7	1310.9	1310.9	1299.7	1295.5	1296.9	1305.3	1288.5
35°	1270.3	1266.1	1270.3	1268.9	1270.3	1266.1	1259.0	1257.6	1252.0	1261.9	1249.2
37.5°	1219.8	1215.6	1219.8	1219.8	1219.8	1222.6	1217.0	1212.8	1204.4	1217.0	1207.2
40°	1167.9	1162.3	1167.9	1166.5	1167.9	1170.7	1167.9	1165.1	1156.7	1166.5	1158.1
42.5°	1109.0	1107.6	1109.0	1110.4	1110.4	1116.0	1120.2	1114.6	1111.8	1104.8	1110.4
45°	1045.9	1043.1	1045.9	1048.7	1050.1	1052.9	1065.6	1065.6	1061.4	1050.1	1058.6
47.5°	978.6	971.6	978.6	987.0	987.0	991.3	1003.9	1013.7	1006.7	992.7	996.9
50°	907.1	908.5	907.1	912.7	912.7	928.2	938.0	947.8	954.8	938.0	918.3
52.5°	837.0	835.6	837.0	841.2	846.8	853.9	870.7	880.5	891.7	881.9	851.0
55°	766.9	769.7	766.9	768.3	771.1	775.3	800.6	810.4	831.4	818.8	786.6
57.5°	696.8	692.6	696.8	699.6	701.0	705.2	726.3	744.5	757.1	758.5	719.3
60°	615.5	609.9	615.5	628.1	630.9	633.7	653.4	670.2	681.4	685.6	644.9
62.5°	544.0	534.2	544.0	552.4	558.0	565.0	579.1	604.3	614.1	615.5	558.0
65°	468.3	464.1	468.3	485.1	486.5	494.9	510.3	528.6	549.6	546.8	464.1
67.5°	399.6	399.6	399.6	410.8	419.2	423.4	443.1	451.5	478.1	480.9	387.0
70°	336.5	335.1	336.5	344.9	350.5	360.3	378.6	388.4	409.4	416.4	314.1
72.5°	276.2	274.8	276.2	283.2	288.8	297.2	312.7	323.9	342.1	350.5	244.0
75°	222.9	220.1	222.9	228.5	227.1	238.4	251.0	262.2	279.0	284.6	180.9
77.5°	171.1	171.1	171.1	176.7	176.7	187.9	193.5	207.5	217.3	225.7	133.2
80°	127.6	126.2	127.6	129.0	129.0	134.6	144.4	154.2	162.6	162.6	91.1
82.5°	89.7	86.9	89.7	89.7	89.7	92.5	98.1	100.9	106.6	110.8	57.5
85°	56.1	56.1	56.1	57.5	56.1	58.9	60.3	63.1	63.1	60.3	35.1
87.5°	36.5	35.1	36.5	35.1	35.1	33.6	33.6	33.6	32.2	30.8	19.6
90°	22.2	22.2	22.2	22.2	22.2	29.5	39.4	44.3	38.1	25.7	16.4
92.5°	88.7	71.1	88.7	106.4	110.8	157.0	218.7	249.6	219.1	158.2	112.5
95°	309.4	256.0	309.4	362.8	376.1	493.9	651.0	729.5	616.2	389.4	219.3
97.5°	741.3	639.7	741.3	842.9	868.3	942.8	1042.1	1091.7	902.6	524.5	240.9
100°	1068.1	947.0	1068.1	1189.1	1219.4	1214.0	1206.7	1203.1	993.2	573.6	258.9
102.5°	1389.5	1285.9	1389.5	1493.3	1519.2	1424.3	1297.8	1234.6	1021.8	596.2	277.0
105°	1799.4	1743.7	1799.4	1855.1	1869.0	1656.4	1372.9	1231.1	1025.1	613.0	303.9
107.5°	2067.9	2081.4	2067.9	2054.4	2051.0	1754.3	1358.9	1161.1	979.4	616.1	343.5
110°	2170.3	2228.3	2170.3	2112.2	2097.7	1766.0	1323.8	1102.8	939.0	611.4	365.7





TEST NUMBER: P935141

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2179.4	2268.5	2179.4	2090.2	2067.9	1728.6	1276.0	1049.7	903.7	611.6	392.5
115°	2121.6	2245.3	2121.6	1998.0	1967.1	1640.1	1204.1	986.1	863.1	617.2	432.7
117.5°	1999.1	2136.2	1999.1	1861.9	1827.6	1532.5	1139.1	942.4	837.8	628.6	471.7
120°	1900.4	2033.5	1900.4	1767.1	1733.8	1464.1	1104.6	924.9	829.3	638.0	494.6
122.5°	1804.2	1935.6	1804.2	1672.7	1639.8	1397.1	1073.4	911.5	824.8	651.4	521.4
125°	1667.0	1788.0	1667.0	1546.0	1515.7	1309.4	1034.4	896.9	821.1	669.5	555.8
127.5°	1543.7	1645.7	1543.7	1441.5	1416.0	1238.9	1002.8	884.7	819.0	687.6	589.1
130°	1470.9	1565.3	1470.9	1376.5	1353.0	1195.3	985.1	880.0	820.3	700.8	611.2
132.5°	1405.0	1489.5	1405.0	1320.5	1299.3	1158.2	970.0	875.9	821.1	711.5	629.2
135°	1314.6	1387.4	1314.6	1241.8	1223.5	1105.3	947.7	868.9	820.3	723.2	650.3
137.5°	1242.0	1301.7	1242.0	1182.4	1167.5	1067.6	934.4	867.8	825.4	740.7	677.1
140°	1192.3	1248.0	1192.3	1136.5	1122.6	1036.3	921.2	863.7	826.2	751.3	695.1
142.5°	1151.1	1199.0	1151.1	1103.0	1091.1	1015.3	914.2	863.7	829.2	760.3	708.6
145°	1089.3	1125.6	1089.3	1052.9	1043.9	981.9	899.2	857.9	829.3	772.0	729.0
147.5°	1041.8	1071.9	1041.8	1011.7	1004.2	955.5	890.4	857.9	834.9	789.0	754.6
150°	1011.9	1036.3	1011.9	987.5	981.4	940.2	885.4	857.9	837.9	798.0	768.0
152.5°	986.4	1004.8	986.4	968.0	963.4	928.3	881.3	857.9	839.8	803.8	776.8
155°	957.0	969.2	957.0	944.9	941.8	913.9	876.6	857.9	844.1	816.7	796.0
157.5°	933.9	942.4	933.9	925.4	923.2	901.4	872.4	857.9	848.4	829.5	815.3
160°	920.0	924.9	920.0	915.1	913.9	895.2	870.3	857.9	850.4	835.3	824.0
162.5°	910.9	915.5	910.9	906.2	905.1	889.4	868.3	857.9	852.5	841.5	833.4
165°	897.9	902.7	897.9	892.9	891.7	880.4	865.4	857.9	855.4	850.5	846.8
167.5°	888.4	890.5	888.4	886.4	885.8	878.4	868.6	863.7	861.6	857.4	854.3
170°	885.8	885.8	885.8	885.8	885.8	878.4	868.6	863.7	863.6	863.3	863.1
172.5°	878.9	877.1	878.9	880.7	881.1	875.4	867.6	863.7	863.7	863.7	863.7
175°	874.8	874.8	874.8	874.8	874.8	871.1	866.1	863.7	864.8	867.1	868.9
177.5°	871.0	868.9	871.0	873.0	873.6	870.7	866.8	864.9	865.8	867.6	868.9
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935141

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1503.0	1494.6	1494.6	1480.6	1475.0	1470.8	1463.7	1442.7	1437.1	1431.5	1439.9
5°	1515.6	1500.2	1489.0	1463.7	1442.7	1434.3	1407.7	1357.2	1323.5	1298.3	1284.3
7.5°	1518.4	1498.8	1477.8	1438.5	1388.0	1365.6	1284.3	1191.8	1166.5	1144.1	1130.1
10°	1515.6	1493.2	1463.7	1404.9	1285.7	1246.4	1165.1	1104.8	1089.4	1085.2	1089.4
12.5°	1505.8	1484.8	1444.1	1346.0	1179.1	1152.5	1104.8	1069.8	1067.0	1074.0	1111.8
15°	1489.0	1469.4	1421.7	1267.5	1120.2	1100.6	1067.0	1054.3	1069.8	1118.8	1232.4
17.5°	1472.2	1449.7	1390.8	1190.3	1075.4	1061.4	1037.5	1062.8	1149.7	1215.6	1253.4
20°	1449.7	1423.1	1355.8	1134.3	1043.1	1030.5	1019.3	1132.9	1198.8	1222.6	1243.6
22.5°	1423.1	1395.0	1308.1	1095.0	1009.5	999.7	1006.7	1172.1	1198.8	1215.6	1233.8
25°	1388.0	1364.2	1252.0	1064.2	982.8	971.6	998.3	1167.9	1183.3	1187.5	1224.0
27.5°	1355.8	1324.9	1193.2	1036.1	950.6	946.4	1005.3	1149.7	1160.9	1165.1	1204.4
30°	1316.5	1270.3	1127.3	1006.7	916.9	915.5	1006.7	1127.3	1124.5	1135.7	1174.9
32.5°	1275.9	1188.9	1052.9	970.2	884.7	883.3	996.9	1093.6	1090.8	1106.2	1135.7
35°	1238.0	1125.9	952.0	928.2	844.0	845.4	973.0	1054.3	1055.8	1069.8	1088.0
37.5°	1198.8	1071.2	841.2	881.9	804.8	804.8	940.8	1017.9	1015.1	1019.3	1044.5
40°	1152.5	985.6	743.1	821.6	768.3	764.1	901.5	978.6	968.8	967.4	1002.5
42.5°	1103.4	891.7	670.2	741.7	726.3	720.7	853.9	931.0	912.7	916.9	961.8
45°	1050.1	866.5	614.1	626.7	682.8	678.6	802.0	876.3	863.7	874.9	921.2
47.5°	996.9	816.0	595.9	520.2	636.5	635.1	744.5	823.0	816.0	827.2	876.3
50°	924.0	759.9	594.5	445.9	584.7	590.3	675.8	771.1	771.1	780.9	832.8
52.5°	830.0	691.2	539.8	403.8	524.4	541.2	615.5	726.3	729.1	738.9	785.2
55°	744.5	619.7	500.5	371.5	452.9	489.3	556.6	680.0	685.6	695.4	737.5
57.5°	666.0	516.0	492.1	333.7	387.0	422.0	504.7	635.1	637.9	646.3	687.0
60°	581.9	372.9	451.5	293.0	329.5	356.1	457.1	581.9	591.7	597.3	632.3
62.5°	486.5	270.6	409.4	265.0	301.4	307.1	417.8	531.4	544.0	548.2	569.2
65°	346.3	227.1	347.7	241.2	272.0	273.4	375.8	479.5	490.7	497.7	513.2
67.5°	234.1	185.1	265.0	218.7	249.6	251.0	335.1	419.2	434.6	440.2	450.1
70°	162.6	123.4	196.3	194.9	224.3	227.1	291.6	364.5	378.6	382.8	388.4
72.5°	119.2	99.5	162.6	175.3	197.7	200.5	246.8	302.8	316.9	321.1	323.9
75°	91.1	105.2	131.8	152.8	168.2	169.6	201.9	246.8	256.6	259.4	260.8
77.5°	72.9	98.1	96.7	123.4	137.4	134.6	158.4	190.7	199.1	199.1	199.1
80°	54.7	77.1	72.9	88.3	100.9	98.1	113.6	136.0	138.8	141.6	140.2
82.5°	40.7	49.1	49.1	56.1	67.3	64.5	75.7	88.3	88.3	88.3	91.1
85°	25.2	28.0	22.4	29.4	37.9	36.5	42.1	47.7	49.1	49.1	46.3
87.5°	15.4	12.6	7.0	11.2	16.8	16.8	19.6	21.0	19.6	19.6	19.6
90°	15.1	10.5	5.8	10.5	15.1	16.4	25.7	38.1	44.3	39.4	29.5
92.5°	102.6	63.0	23.4	63.0	102.6	112.5	158.2	219.1	249.6	218.7	157.0
95°	201.1	128.5	56.0	128.5	201.1	219.3	389.4	616.2	729.5	651.0	493.9
97.5°	224.9	160.9	96.8	160.9	224.9	240.9	524.5	902.6	1091.7	1042.1	942.8
100°	244.4	186.4	128.3	186.4	244.4	258.9	573.6	993.2	1203.1	1206.7	1214.0
102.5°	263.5	209.4	155.2	209.4	263.5	277.0	596.2	1021.8	1234.6	1297.8	1424.3
105°	292.4	246.5	200.6	246.5	292.4	303.9	613.0	1025.1	1231.1	1372.9	1656.4
107.5°	332.8	290.0	247.2	290.0	332.8	343.5	616.1	979.4	1161.1	1358.9	1754.3
110°	356.0	317.3	278.7	317.3	356.0	365.7	611.4	939.0	1102.8	1323.8	1766.0



TEST NUMBER: P935141

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	383.3	346.5	309.7	346.5	383.3	392.5	611.6	903.7	1049.7	1276.0	1728.6
115°	424.2	390.2	356.3	390.2	424.2	432.7	617.2	863.1	986.1	1204.1	1640.1
117.5°	464.1	433.2	402.4	433.2	464.1	471.7	628.6	837.8	942.4	1139.1	1532.5
120°	487.3	458.3	429.2	458.3	487.3	494.6	638.0	829.3	924.9	1104.6	1464.1
122.5°	514.1	484.7	455.5	484.7	514.1	521.4	651.4	824.8	911.5	1073.4	1397.1
125°	549.1	522.4	495.7	522.4	549.1	555.8	669.5	821.1	896.9	1034.4	1309.4
127.5°	582.3	555.3	528.4	555.3	582.3	589.1	687.6	819.0	884.7	1002.8	1238.9
130°	603.9	574.9	545.9	574.9	603.9	611.2	700.8	820.3	880.0	985.1	1195.3
132.5°	622.0	593.0	563.9	593.0	622.0	629.2	711.5	821.1	875.9	970.0	1158.2
135°	643.6	617.2	590.7	617.2	643.6	650.3	723.2	820.3	868.9	947.7	1105.3
137.5°	670.6	644.3	618.1	644.3	670.6	677.1	740.7	825.4	867.8	934.4	1067.6
140°	689.2	665.0	640.9	665.0	689.2	695.1	751.3	826.2	863.7	921.2	1036.3
142.5°	703.0	680.7	658.4	680.7	703.0	708.6	760.3	829.2	863.7	914.2	1015.3
145°	724.1	704.7	685.2	704.7	724.1	729.0	772.0	829.3	857.9	899.2	981.9
147.5°	749.8	730.9	712.1	730.9	749.8	754.6	789.0	834.9	857.9	890.4	955.5
150°	763.7	746.6	729.5	746.6	763.7	768.0	798.0	837.9	857.9	885.4	940.2
152.5°	773.6	760.7	747.7	760.7	773.6	776.8	803.8	839.8	857.9	881.3	928.3
155°	793.6	784.0	774.5	784.0	793.6	796.0	816.7	844.1	857.9	876.6	913.9
157.5°	812.9	803.7	794.3	803.7	812.9	815.3	829.5	848.4	857.9	872.4	901.4
160°	822.3	815.0	807.7	815.0	822.3	824.0	835.3	850.4	857.9	870.3	895.2
162.5°	832.0	826.6	821.1	826.6	832.0	833.4	841.5	852.5	857.9	868.3	889.4
165°	845.5	840.6	835.7	840.6	845.5	846.8	850.5	855.4	857.9	865.4	880.4
167.5°	853.8	851.4	849.1	851.4	853.8	854.3	857.4	861.6	863.7	868.6	878.4
170°	862.5	860.2	857.9	860.2	862.5	863.1	863.3	863.6	863.7	868.6	878.4
172.5°	863.6	863.0	862.5	863.0	863.6	863.7	863.7	863.7	863.7	867.6	875.4
175°	868.9	868.9	868.9	868.9	868.9	868.9	867.1	864.8	863.7	866.1	871.1
177.5°	868.9	868.9	868.9	868.9	868.9	868.9	867.6	865.8	864.9	866.8	870.7
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935141

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1430.1	1425.9	1431.5	1416.1	1431.5	1425.9	1430.1	1439.9	1431.5	1437.1	1442.7
5°	1254.8	1247.8	1225.4	1207.2	1225.4	1247.8	1254.8	1284.3	1298.3	1323.5	1357.2
7.5°	1121.6	1116.0	1110.4	1099.2	1110.4	1116.0	1121.6	1130.1	1144.1	1166.5	1191.8
10°	1092.2	1093.6	1102.0	1100.6	1102.0	1093.6	1092.2	1089.4	1085.2	1089.4	1104.8
12.5°	1167.9	1180.5	1226.8	1224.0	1226.8	1180.5	1167.9	1111.8	1074.0	1067.0	1069.8
15°	1254.8	1259.0	1268.9	1270.3	1268.9	1259.0	1254.8	1232.4	1118.8	1069.8	1054.3
17.5°	1263.3	1264.7	1271.7	1271.7	1271.7	1264.7	1263.3	1253.4	1215.6	1149.7	1062.8
20°	1256.2	1259.0	1273.1	1275.9	1273.1	1259.0	1256.2	1243.6	1222.6	1198.8	1132.9
22.5°	1253.4	1259.0	1270.3	1268.9	1270.3	1259.0	1253.4	1233.8	1215.6	1198.8	1172.1
25°	1239.4	1239.4	1240.8	1242.2	1240.8	1239.4	1239.4	1224.0	1187.5	1183.3	1167.9
27.5°	1210.0	1212.8	1221.2	1219.8	1221.2	1212.8	1210.0	1204.4	1165.1	1160.9	1149.7
30°	1183.3	1180.5	1173.5	1167.9	1173.5	1180.5	1183.3	1174.9	1135.7	1124.5	1127.3
32.5°	1138.5	1131.5	1124.5	1120.2	1124.5	1131.5	1138.5	1135.7	1106.2	1090.8	1093.6
35°	1085.2	1086.6	1085.2	1081.0	1085.2	1086.6	1085.2	1088.0	1069.8	1055.8	1054.3
37.5°	1047.3	1050.1	1048.7	1043.1	1048.7	1050.1	1047.3	1044.5	1019.3	1015.1	1017.9
40°	1008.1	1009.5	1008.1	1003.9	1008.1	1009.5	1008.1	1002.5	967.4	968.8	978.6
42.5°	970.2	968.8	964.6	961.8	964.6	968.8	970.2	961.8	916.9	912.7	931.0
45°	926.8	928.2	919.8	915.5	919.8	928.2	926.8	921.2	874.9	863.7	876.3
47.5°	883.3	883.3	876.3	872.1	876.3	883.3	883.3	876.3	827.2	816.0	823.0
50°	837.0	835.6	825.8	824.4	825.8	835.6	837.0	832.8	780.9	771.1	771.1
52.5°	783.8	783.8	785.2	788.0	785.2	783.8	783.8	785.2	738.9	729.1	726.3
55°	737.5	738.9	748.7	751.5	748.7	738.9	737.5	737.5	695.4	685.6	680.0
57.5°	689.8	689.8	696.8	696.8	696.8	689.8	689.8	687.0	646.3	637.9	635.1
60°	635.1	637.9	643.5	642.1	643.5	637.9	635.1	632.3	597.3	591.7	581.9
62.5°	577.6	580.5	581.9	579.1	581.9	580.5	577.6	569.2	548.2	544.0	531.4
65°	517.4	520.2	521.6	518.8	521.6	520.2	517.4	513.2	497.7	490.7	479.5
67.5°	455.7	454.3	452.9	458.5	452.9	454.3	455.7	450.1	440.2	434.6	419.2
70°	392.6	392.6	391.2	394.0	391.2	392.6	392.6	388.4	382.8	378.6	364.5
72.5°	325.3	323.9	329.5	325.3	329.5	323.9	325.3	323.9	321.1	316.9	302.8
75°	259.4	262.2	259.4	263.6	259.4	262.2	259.4	260.8	259.4	256.6	246.8
77.5°	197.7	200.5	197.7	197.7	197.7	200.5	197.7	199.1	199.1	199.1	190.7
80°	140.2	138.8	138.8	137.4	138.8	138.8	140.2	140.2	141.6	138.8	136.0
82.5°	89.7	88.3	88.3	91.1	88.3	88.3	89.7	91.1	88.3	88.3	88.3
85°	49.1	50.5	47.7	47.7	47.7	50.5	49.1	46.3	49.1	49.1	47.7
87.5°	18.2	16.8	16.8	16.8	16.8	16.8	18.2	19.6	19.6	19.6	21.0
90°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	29.5	39.4	44.3	38.1
92.5°	110.8	106.4	88.7	71.1	88.7	106.4	110.8	157.0	218.7	249.6	219.1
95°	376.1	362.8	309.4	256.0	309.4	362.8	376.1	493.9	651.0	729.5	616.2
97.5°	868.3	842.9	741.3	639.7	741.3	842.9	868.3	942.8	1042.1	1091.7	902.6
100°	1219.4	1189.1	1068.1	947.0	1068.1	1189.1	1219.4	1214.0	1206.7	1203.1	993.2
102.5°	1519.2	1493.3	1389.5	1285.9	1389.5	1493.3	1519.2	1424.3	1297.8	1234.6	1021.8
105°	1869.0	1855.1	1799.4	1743.7	1799.4	1855.1	1869.0	1656.4	1372.9	1231.1	1025.1
107.5°	2051.0	2054.4	2067.9	2081.4	2067.9	2054.4	2051.0	1754.3	1358.9	1161.1	979.4
110°	2097.7	2112.2	2170.3	2228.3	2170.3	2112.2	2097.7	1766.0	1323.8	1102.8	939.0



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2067.9	2090.2	2179.4	2268.5	2179.4	2090.2	2067.9	1728.6	1276.0	1049.7	903.7
115°	1967.1	1998.0	2121.6	2245.3	2121.6	1998.0	1967.1	1640.1	1204.1	986.1	863.1
117.5°	1827.6	1861.9	1999.1	2136.2	1999.1	1861.9	1827.6	1532.5	1139.1	942.4	837.8
120°	1733.8	1767.1	1900.4	2033.5	1900.4	1767.1	1733.8	1464.1	1104.6	924.9	829.3
122.5°	1639.8	1672.7	1804.2	1935.6	1804.2	1672.7	1639.8	1397.1	1073.4	911.5	824.8
125°	1515.7	1546.0	1667.0	1788.0	1667.0	1546.0	1515.7	1309.4	1034.4	896.9	821.1
127.5°	1416.0	1441.5	1543.7	1645.7	1543.7	1441.5	1416.0	1238.9	1002.8	884.7	819.0
130°	1353.0	1376.5	1470.9	1565.3	1470.9	1376.5	1353.0	1195.3	985.1	880.0	820.3
132.5°	1299.3	1320.5	1405.0	1489.5	1405.0	1320.5	1299.3	1158.2	970.0	875.9	821.1
135°	1223.5	1241.8	1314.6	1387.4	1314.6	1241.8	1223.5	1105.3	947.7	868.9	820.3
137.5°	1167.5	1182.4	1242.0	1301.7	1242.0	1182.4	1167.5	1067.6	934.4	867.8	825.4
140°	1122.6	1136.5	1192.3	1248.0	1192.3	1136.5	1122.6	1036.3	921.2	863.7	826.2
142.5°	1091.1	1103.0	1151.1	1199.0	1151.1	1103.0	1091.1	1015.3	914.2	863.7	829.2
145°	1043.9	1052.9	1089.3	1125.6	1089.3	1052.9	1043.9	981.9	899.2	857.9	829.3
147.5°	1004.2	1011.7	1041.8	1071.9	1041.8	1011.7	1004.2	955.5	890.4	857.9	834.9
150°	981.4	987.5	1011.9	1036.3	1011.9	987.5	981.4	940.2	885.4	857.9	837.9
152.5°	963.4	968.0	986.4	1004.8	986.4	968.0	963.4	928.3	881.3	857.9	839.8
155°	941.8	944.9	957.0	969.2	957.0	944.9	941.8	913.9	876.6	857.9	844.1
157.5°	923.2	925.4	933.9	942.4	933.9	925.4	923.2	901.4	872.4	857.9	848.4
160°	913.9	915.1	920.0	924.9	920.0	915.1	913.9	895.2	870.3	857.9	850.4
162.5°	905.1	906.2	910.9	915.5	910.9	906.2	905.1	889.4	868.3	857.9	852.5
165°	891.7	892.9	897.9	902.7	897.9	892.9	891.7	880.4	865.4	857.9	855.4
167.5°	885.8	886.4	888.4	890.5	888.4	886.4	885.8	878.4	868.6	863.7	861.6
170°	885.8	885.8	885.8	885.8	885.8	885.8	885.8	878.4	868.6	863.7	863.6
172.5°	881.1	880.7	878.9	877.1	878.9	880.7	881.1	875.4	867.6	863.7	863.7
175°	874.8	874.8	874.8	874.8	874.8	874.8	874.8	871.1	866.1	863.7	864.8
177.5°	873.6	873.0	871.0	868.9	871.0	873.0	873.6	870.7	866.8	864.9	865.8
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1482.0	1482.0	1482.0	1482.0	1482.0
2.5°	1463.7	1470.8	1475.0	1480.6	1494.6
5°	1407.7	1434.3	1442.7	1463.7	1489.0
7.5°	1284.3	1365.6	1388.0	1438.5	1477.8
10°	1165.1	1246.4	1285.7	1404.9	1463.7
12.5°	1104.8	1152.5	1179.1	1346.0	1444.1
15°	1067.0	1100.6	1120.2	1267.5	1421.7
17.5°	1037.5	1061.4	1075.4	1190.3	1390.8
20°	1019.3	1030.5	1043.1	1134.3	1355.8
22.5°	1006.7	999.7	1009.5	1095.0	1308.1
25°	998.3	971.6	982.8	1064.2	1252.0
27.5°	1005.3	946.4	950.6	1036.1	1193.2
30°	1006.7	915.5	916.9	1006.7	1127.3
32.5°	996.9	883.3	884.7	970.2	1052.9
35°	973.0	845.4	844.0	928.2	952.0
37.5°	940.8	804.8	804.8	881.9	841.2
40°	901.5	764.1	768.3	821.6	743.1
42.5°	853.9	720.7	726.3	741.7	670.2
45°	802.0	678.6	682.8	626.7	614.1
47.5°	744.5	635.1	636.5	520.2	595.9
50°	675.8	590.3	584.7	445.9	594.5
52.5°	615.5	541.2	524.4	403.8	539.8
55°	556.6	489.3	452.9	371.5	500.5
57.5°	504.7	422.0	387.0	333.7	492.1
60°	457.1	356.1	329.5	293.0	451.5
62.5°	417.8	307.1	301.4	265.0	409.4
65°	375.8	273.4	272.0	241.2	347.7
67.5°	335.1	251.0	249.6	218.7	265.0
70°	291.6	227.1	224.3	194.9	196.3
72.5°	246.8	200.5	197.7	175.3	162.6
75°	201.9	169.6	168.2	152.8	131.8
77.5°	158.4	134.6	137.4	123.4	96.7
80°	113.6	98.1	100.9	88.3	72.9
82.5°	75.7	64.5	67.3	56.1	49.1
85°	42.1	36.5	37.9	29.4	22.4
87.5°	19.6	16.8	16.8	11.2	7.0
90°	25.7	16.4	15.1	10.5	5.8
92.5°	158.2	112.5	102.6	63.0	23.4
95°	389.4	219.3	201.1	128.5	56.0
97.5°	524.5	240.9	224.9	160.9	96.8
100°	573.6	258.9	244.4	186.4	128.3
102.5°	596.2	277.0	263.5	209.4	155.2
105°	613.0	303.9	292.4	246.5	200.6
107.5°	616.1	343.5	332.8	290.0	247.2
110°	611.4	365.7	356.0	317.3	278.7



TEST NUMBER: P935141

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	611.6	392.5	383.3	346.5	309.7
115°	617.2	432.7	424.2	390.2	356.3
117.5°	628.6	471.7	464.1	433.2	402.4
120°	638.0	494.6	487.3	458.3	429.2
122.5°	651.4	521.4	514.1	484.7	455.5
125°	669.5	555.8	549.1	522.4	495.7
127.5°	687.6	589.1	582.3	555.3	528.4
130°	700.8	611.2	603.9	574.9	545.9
132.5°	711.5	629.2	622.0	593.0	563.9
135°	723.2	650.3	643.6	617.2	590.7
137.5°	740.7	677.1	670.6	644.3	618.1
140°	751.3	695.1	689.2	665.0	640.9
142.5°	760.3	708.6	703.0	680.7	658.4
145°	772.0	729.0	724.1	704.7	685.2
147.5°	789.0	754.6	749.8	730.9	712.1
150°	798.0	768.0	763.7	746.6	729.5
152.5°	803.8	776.8	773.6	760.7	747.7
155°	816.7	796.0	793.6	784.0	774.5
157.5°	829.5	815.3	812.9	803.7	794.3
160°	835.3	824.0	822.3	815.0	807.7
162.5°	841.5	833.4	832.0	826.6	821.1
165°	850.5	846.8	845.5	840.6	835.7
167.5°	857.4	854.3	853.8	851.4	849.1
170°	863.3	863.1	862.5	860.2	857.9
172.5°	863.7	863.7	863.6	863.0	862.5
175°	867.1	868.9	868.9	868.9	868.9
177.5°	867.6	868.9	868.9	868.9	868.9
180°	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935141  
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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	11.56	12.34	12.60	13.39	14.79	14.39	15.17	15.42	16.21	17.61
	3H	12.03	12.73	13.08	13.78	15.20	15.72	16.42	16.77	17.47	18.89
	4H	12.22	12.88	13.28	13.94	15.36	16.16	16.83	17.22	17.88	19.30
	6H	12.34	12.95	13.40	14.00	15.44	16.44	17.05	17.51	18.11	19.55
	8H	12.33	12.92	13.40	13.99	15.42	16.51	17.10	17.58	18.17	19.60
	12H	12.30	12.86	13.38	13.92	15.38	16.55	17.10	17.62	18.17	19.62
4H	2H	12.58	13.25	13.65	14.30	15.73	14.79	15.45	15.85	16.50	17.93
	3H	13.60	14.16	14.67	15.24	16.68	16.28	16.84	17.35	17.92	19.35
	4H	13.88	14.38	14.95	15.45	16.91	16.81	17.31	17.88	18.38	19.84
	6H	14.00	14.43	15.08	15.53	16.98	17.17	17.60	18.25	18.69	20.15
	8H	14.00	14.41	15.09	15.49	16.96	17.27	17.68	18.35	18.76	20.23
	12H	13.96	14.33	15.07	15.43	16.91	17.32	17.69	18.42	18.79	20.26
8H	4H	14.32	14.73	15.41	15.81	17.29	16.92	17.33	18.01	18.42	19.89
	6H	14.58	14.92	15.69	16.04	17.51	17.36	17.69	18.46	18.82	20.29
	8H	14.62	14.92	15.74	16.03	17.51	17.51	17.80	18.62	18.91	20.40
	12H	14.60	14.86	15.72	15.97	17.49	17.60	17.86	18.72	18.96	20.49
12H	4H	14.32	14.69	15.43	15.79	17.27	16.88	17.25	17.99	18.35	19.83
	6H	14.64	14.93	15.75	16.04	17.53	17.35	17.65	18.47	18.76	20.24
	8H	14.70	14.96	15.82	16.07	17.59	17.51	17.77	18.63	18.87	20.40