

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: P935142

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935142
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-6-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

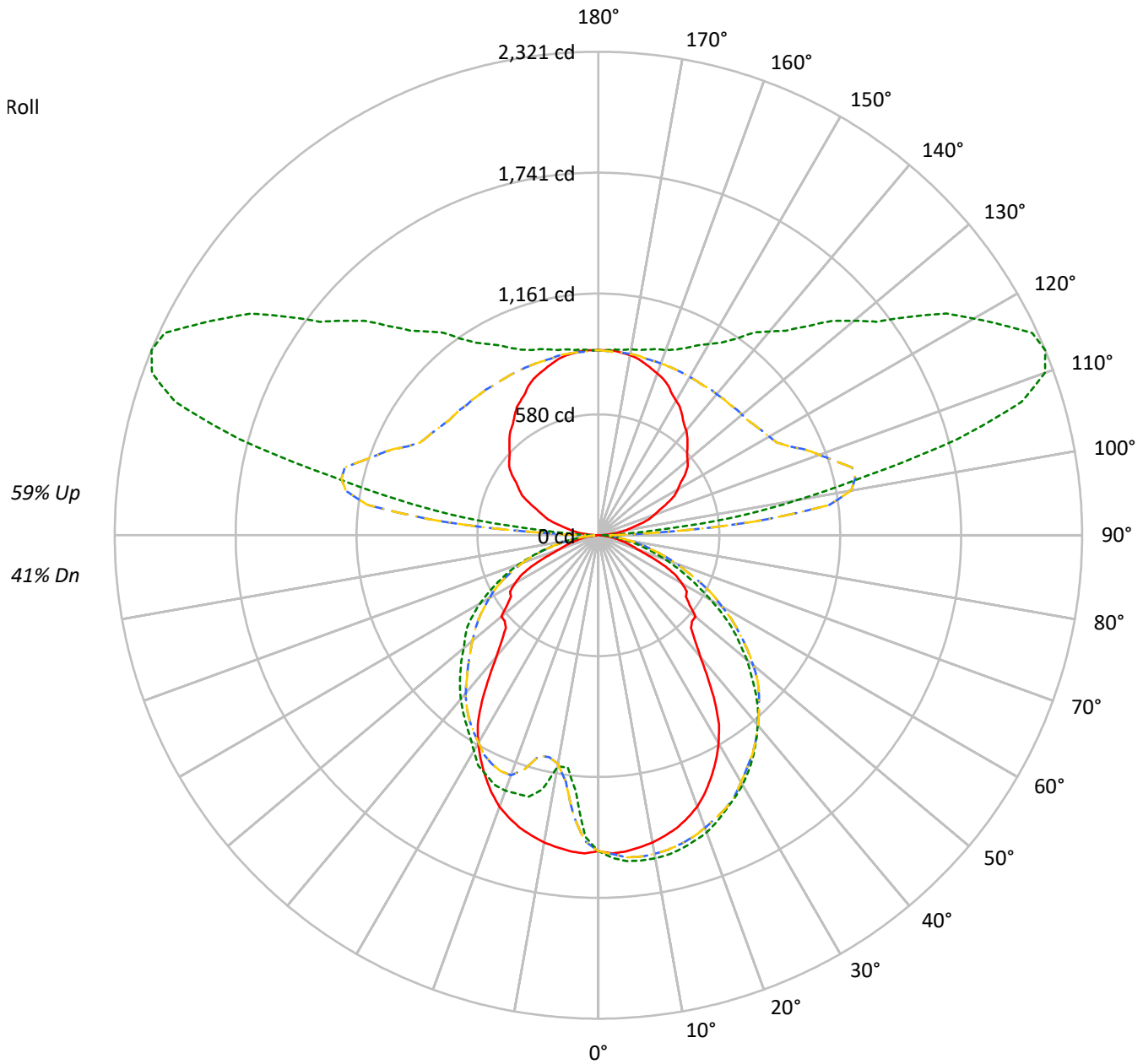
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9696.7 lumens
Efficiency: N/A
Efficacy: 131.4 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

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CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9378	9378	9378	9378
5°	9445	9467	9445	7444
10°	9378	9325	9378	6667
15°	9273	9124	9273	7619
20°	9076	8884	9076	7634
25°	8675	8535	8675	7473
30°	8159	8245	8159	7118
35°	7270	7879	7270	6727
40°	6054	7447	6054	6432
45°	5406	6942	5406	6093
50°	5738	6339	5738	5753
55°	5394	5690	5394	5556
60°	5553	4833	5553	5088
65°	5027	3995	5027	4466
70°	3473	3184	3473	3743
75°	3033	2354	3033	2818
80°	2428	1556	2428	1695
85°	1365	824	1365	701

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8291 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.8	1.4
10°-20°	388.6	4.0
20°-30°	600.6	6.2
30°-40°	717.0	7.4
40°-50°	721.2	7.4
50°-60°	627.6	6.5
60°-70°	445.0	4.6
70°-80°	235.4	2.4
80°-90°	62.0	0.6
90°-100°	433.3	4.5
100°-110°	1139.2	11.7
110°-120°	1181.2	12.2
120°-130°	947.5	9.8
130°-140°	743.4	7.7
140°-150°	570.6	5.9
150°-160°	410.9	4.2
160°-170°	251.4	2.6
170°-180°	84.9	0.9
0°-30°	1126.0	11.6
0°-40°	1843.1	19.0
0°-60°	3191.9	32.9
0°-90°	3934.2	40.6
90°-120°	2753.7	28.4
90°-150°	5015.2	51.7
90°-180°	5762.0	59.4
0°-180°	9696.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1516	1516	1516	1516	1516	
5°	1523	1570	1523	1235	1523	144
15°	1454	1556	1454	1300	1454	409
25°	1281	1452	1281	1271	1281	588
35°	974	1295	974	1106	974	603
45°	628	1067	628	937	628	503
55°	512	787	512	769	512	470
65°	356	475	356	531	356	340
75°	135	225	135	270	135	142
85°	23	57	23	49	23	31
90°	6	23	6	23	6	6
95°	57	262	57	262	57	64
105°	205	1784	205	1784	205	218
115°	364	2297	364	2297	364	360
125°	507	1829	507	1829	507	450
135°	604	1419	604	1419	604	468
145°	701	1151	701	1151	701	439
155°	792	992	792	992	792	364
165°	855	924	855	924	855	241
175°	889	895	889	895	889	84
180°	889	889	889	889	889	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1529.0	1529.0	1537.6	1540.4	1540.4	1536.1	1531.8	1536.1	1549.0	1553.3	1551.9
5°	1523.2	1534.7	1550.5	1553.3	1556.2	1554.8	1551.9	1554.8	1569.1	1572.0	1573.4
7.5°	1511.7	1533.3	1553.3	1557.6	1561.9	1557.6	1556.2	1559.1	1573.4	1576.3	1576.3
10°	1497.4	1527.5	1550.5	1553.3	1557.6	1553.3	1553.3	1559.1	1573.4	1576.3	1577.7
12.5°	1477.3	1518.9	1540.4	1543.3	1549.0	1547.6	1546.2	1551.9	1566.2	1569.1	1569.1
15°	1454.4	1503.1	1523.2	1526.1	1536.1	1533.3	1533.3	1539.0	1554.8	1559.1	1557.6
17.5°	1422.8	1483.1	1506.0	1510.3	1517.5	1516.0	1517.5	1523.2	1537.6	1540.4	1541.9
20°	1387.0	1455.8	1483.1	1487.4	1494.5	1494.5	1494.5	1501.7	1516.0	1521.8	1521.8
22.5°	1338.2	1427.1	1455.8	1458.7	1467.3	1467.3	1470.1	1480.2	1493.1	1494.5	1494.5
25°	1280.8	1395.6	1419.9	1428.6	1437.2	1441.5	1445.8	1451.5	1455.8	1454.4	1455.8
27.5°	1220.6	1355.4	1387.0	1392.7	1404.2	1408.5	1414.2	1415.6	1417.1	1421.4	1418.5
30°	1153.2	1299.5	1346.8	1352.5	1371.2	1374.0	1368.3	1371.2	1378.4	1381.2	1384.1
32.5°	1077.2	1216.3	1305.2	1318.1	1335.3	1326.7	1325.3	1329.6	1341.1	1341.1	1343.9
35°	973.9	1151.7	1266.5	1278.0	1290.9	1280.8	1286.6	1288.0	1295.2	1299.5	1298.0
37.5°	860.6	1095.8	1226.3	1234.9	1245.0	1232.1	1240.7	1245.0	1250.7	1247.8	1247.8
40°	760.2	1008.3	1179.0	1184.7	1193.3	1183.3	1191.9	1194.8	1197.6	1194.8	1193.3
42.5°	685.6	912.2	1128.8	1136.0	1130.2	1137.4	1140.3	1146.0	1141.7	1136.0	1136.0
45°	628.2	886.4	1074.3	1082.9	1074.3	1085.8	1090.1	1090.1	1077.2	1074.3	1072.8
47.5°	609.6	834.8	1019.8	1019.8	1015.5	1029.8	1037.0	1027.0	1014.0	1009.7	1009.7
50°	608.1	777.4	945.2	939.5	959.5	976.8	969.6	959.5	949.5	933.7	933.7
52.5°	552.2	707.1	849.1	870.6	902.2	912.2	900.7	890.7	873.5	866.3	860.6
55°	512.0	634.0	761.6	804.6	837.6	850.5	829.0	819.0	793.2	788.9	786.0
57.5°	503.4	527.8	681.3	735.8	776.0	774.5	761.6	743.0	721.4	717.1	715.7
60°	461.8	381.5	595.2	659.8	701.4	697.1	685.6	668.4	648.3	645.4	642.6
62.5°	418.8	276.8	497.7	570.8	629.7	628.2	618.2	592.4	578.0	570.8	565.1
65°	355.7	232.4	354.3	474.7	559.4	562.2	540.7	522.1	506.3	497.7	496.3
67.5°	271.1	189.3	239.5	395.9	492.0	489.1	461.8	453.2	433.2	428.9	420.2
70°	200.8	126.2	166.4	321.3	426.0	418.8	397.3	387.3	368.6	358.6	352.8
72.5°	166.4	101.8	121.9	249.6	358.6	350.0	331.3	319.8	304.1	295.5	289.7
75°	134.8	107.6	93.2	185.0	291.2	285.4	268.2	256.7	243.8	232.4	233.8
77.5°	99.0	100.4	74.6	136.3	230.9	222.3	212.3	197.9	192.2	180.7	180.7
80°	74.6	78.9	55.9	93.2	166.4	166.4	157.8	147.7	137.7	132.0	132.0
82.5°	50.2	50.2	41.6	58.8	113.3	109.0	103.3	100.4	94.7	91.8	91.8
85°	22.9	28.7	25.8	35.9	61.7	64.5	64.5	61.7	60.2	57.4	58.8
87.5°	7.2	12.9	15.8	20.1	31.6	33.0	34.4	34.4	34.4	35.9	35.9
90°	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.3	30.2	22.7	22.7
92.5°	23.9	64.4	105.0	115.1	161.9	224.1	255.3	223.7	160.6	113.3	108.8
95°	57.3	131.5	205.8	224.3	398.4	630.3	746.3	666.0	505.3	384.8	371.1
97.5°	99.1	164.6	230.1	246.4	536.5	923.4	1116.8	1066.1	964.5	888.3	862.3
100°	131.3	190.7	250.0	264.9	586.8	1016.1	1230.7	1234.4	1241.9	1247.4	1216.5
102.5°	158.7	214.2	269.6	283.4	610.0	1045.3	1262.9	1327.7	1457.0	1554.1	1527.6
105°	205.2	252.1	299.1	310.9	627.1	1048.7	1259.4	1404.5	1694.5	1912.0	1897.8
107.5°	252.9	296.7	340.5	351.4	630.2	1001.9	1187.8	1390.1	1794.7	2098.2	2101.6
110°	285.1	324.6	364.2	374.1	625.4	960.6	1128.1	1354.3	1806.6	2145.9	2160.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	316.8	354.5	392.1	401.5	625.6	924.4	1073.8	1305.3	1768.3	2115.5	2138.2
115°	364.5	399.2	433.9	442.6	631.4	882.9	1008.8	1231.8	1677.8	2012.3	2044.0
117.5°	411.6	443.2	474.7	482.6	643.0	857.0	964.0	1165.3	1567.8	1869.6	1904.7
120°	439.1	468.8	498.5	505.9	652.7	848.3	946.2	1130.0	1497.8	1773.6	1807.7
122.5°	466.0	495.9	525.9	533.4	666.4	843.7	932.5	1098.1	1429.2	1677.5	1711.2
125°	507.1	534.4	561.8	568.6	684.9	840.0	917.6	1058.2	1339.5	1550.6	1581.5
127.5°	540.5	568.1	595.7	602.6	703.4	837.8	905.0	1025.8	1267.3	1448.5	1474.6
130°	558.4	588.2	617.8	625.3	717.0	839.2	900.3	1007.7	1222.8	1384.1	1408.2
132.5°	576.9	606.6	636.3	643.7	727.9	840.0	896.0	992.3	1184.8	1329.2	1350.8
135°	604.3	631.4	658.4	665.2	739.8	839.2	888.9	969.5	1130.7	1251.7	1270.3
137.5°	632.3	659.1	686.0	692.7	757.7	844.4	887.7	955.9	1092.2	1194.4	1209.6
140°	655.7	680.3	705.0	711.1	768.6	845.2	883.5	942.4	1060.1	1148.4	1162.6
142.5°	673.5	696.4	719.2	724.9	777.8	848.2	883.5	935.3	1038.6	1116.2	1128.4
145°	701.0	720.9	740.8	745.7	789.7	848.3	877.6	919.9	1004.5	1067.9	1077.2
147.5°	728.4	747.7	767.1	771.9	807.1	854.1	877.6	910.9	977.4	1027.3	1035.0
150°	746.3	763.8	781.3	785.7	816.3	857.1	877.6	905.7	961.8	1004.0	1010.2
152.5°	764.9	778.1	791.3	794.7	822.3	859.1	877.6	901.6	949.6	985.5	990.2
155°	792.3	802.1	811.8	814.3	835.4	863.5	877.6	896.7	934.9	963.5	966.6
157.5°	812.6	822.1	831.6	834.0	848.5	867.9	877.6	892.4	922.2	944.4	946.6
160°	826.2	833.7	841.2	843.0	854.5	869.9	877.6	890.3	915.7	934.9	936.1
162.5°	840.0	845.6	851.1	852.5	860.9	872.0	877.6	888.3	909.8	925.9	927.0
165°	854.9	859.9	865.0	866.2	870.0	875.1	877.6	885.2	900.6	912.2	913.5
167.5°	868.6	871.0	873.4	874.0	877.1	881.4	883.5	888.6	898.6	906.2	906.8
170°	877.6	880.0	882.4	882.9	883.1	883.4	883.5	888.6	898.6	906.2	906.2
172.5°	882.4	882.9	883.4	883.5	883.5	883.5	883.5	887.5	895.5	901.4	900.9
175°	888.9	888.9	888.9	888.9	887.1	884.7	883.5	886.0	891.1	894.9	894.9
177.5°	888.9	888.9	888.9	888.9	887.5	885.7	884.8	886.8	890.7	893.7	893.1
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1554.8	1550.5	1554.8	1551.9	1553.3	1549.0	1536.1	1531.8	1536.1	1540.4	1540.4
5°	1573.4	1570.5	1573.4	1573.4	1572.0	1569.1	1554.8	1551.9	1554.8	1556.2	1553.3
7.5°	1579.2	1574.8	1579.2	1576.3	1576.3	1573.4	1559.1	1556.2	1557.6	1561.9	1557.6
10°	1579.2	1574.8	1579.2	1577.7	1576.3	1573.4	1559.1	1553.3	1553.3	1557.6	1553.3
12.5°	1572.0	1569.1	1572.0	1569.1	1569.1	1566.2	1551.9	1546.2	1547.6	1549.0	1543.3
15°	1560.5	1556.2	1560.5	1557.6	1559.1	1554.8	1539.0	1533.3	1533.3	1536.1	1526.1
17.5°	1543.3	1537.6	1543.3	1541.9	1540.4	1537.6	1523.2	1517.5	1516.0	1517.5	1510.3
20°	1523.2	1518.9	1523.2	1521.8	1521.8	1516.0	1501.7	1494.5	1494.5	1494.5	1487.4
22.5°	1491.7	1487.4	1491.7	1494.5	1494.5	1493.1	1480.2	1470.1	1467.3	1467.3	1458.7
25°	1455.8	1451.5	1455.8	1455.8	1454.4	1455.8	1451.5	1445.8	1441.5	1437.2	1428.6
27.5°	1421.4	1418.5	1421.4	1418.5	1421.4	1417.1	1415.6	1414.2	1408.5	1404.2	1392.7
30°	1387.0	1384.1	1387.0	1384.1	1381.2	1378.4	1371.2	1368.3	1374.0	1371.2	1352.5
32.5°	1343.9	1341.1	1343.9	1343.9	1341.1	1341.1	1329.6	1325.3	1326.7	1335.3	1318.1
35°	1299.5	1295.2	1299.5	1298.0	1299.5	1295.2	1288.0	1286.6	1280.8	1290.9	1278.0
37.5°	1247.8	1243.5	1247.8	1247.8	1247.8	1250.7	1245.0	1240.7	1232.1	1245.0	1234.9
40°	1194.8	1189.0	1194.8	1193.3	1194.8	1197.6	1194.8	1191.9	1183.3	1193.3	1184.7
42.5°	1134.5	1133.1	1134.5	1136.0	1136.0	1141.7	1146.0	1140.3	1137.4	1130.2	1136.0
45°	1070.0	1067.1	1070.0	1072.8	1074.3	1077.2	1090.1	1090.1	1085.8	1074.3	1082.9
47.5°	1001.1	994.0	1001.1	1009.7	1009.7	1014.0	1027.0	1037.0	1029.8	1015.5	1019.8
50°	928.0	929.4	928.0	933.7	933.7	949.5	959.5	969.6	976.8	959.5	939.5
52.5°	856.3	854.8	856.3	860.6	866.3	873.5	890.7	900.7	912.2	902.2	870.6
55°	784.6	787.4	784.6	786.0	788.9	793.2	819.0	829.0	850.5	837.6	804.6
57.5°	712.8	708.5	712.8	715.7	717.1	721.4	743.0	761.6	774.5	776.0	735.8
60°	629.7	623.9	629.7	642.6	645.4	648.3	668.4	685.6	697.1	701.4	659.8
62.5°	556.5	546.5	556.5	565.1	570.8	578.0	592.4	618.2	628.2	629.7	570.8
65°	479.1	474.7	479.1	496.3	497.7	506.3	522.1	540.7	562.2	559.4	474.7
67.5°	408.8	408.8	408.8	420.2	428.9	433.2	453.2	461.8	489.1	492.0	395.9
70°	344.2	342.8	344.2	352.8	358.6	368.6	387.3	397.3	418.8	426.0	321.3
72.5°	282.6	281.1	282.6	289.7	295.5	304.1	319.8	331.3	350.0	358.6	249.6
75°	228.1	225.2	228.1	233.8	232.4	243.8	256.7	268.2	285.4	291.2	185.0
77.5°	175.0	175.0	175.0	180.7	180.7	192.2	197.9	212.3	222.3	230.9	136.3
80°	130.5	129.1	130.5	132.0	132.0	137.7	147.7	157.8	166.4	166.4	93.2
82.5°	91.8	88.9	91.8	91.8	91.8	94.7	100.4	103.3	109.0	113.3	58.8
85°	57.4	57.4	57.4	58.8	57.4	60.2	61.7	64.5	64.5	61.7	35.9
87.5°	37.3	35.9	37.3	35.9	35.9	34.4	34.4	34.4	33.0	31.6	20.1
90°	22.7	22.7	22.7	22.7	22.7	30.2	40.3	45.3	39.0	26.3	16.7
92.5°	90.7	72.8	90.7	108.8	113.3	160.6	223.7	255.3	224.1	161.9	115.1
95°	316.5	261.9	316.5	371.1	384.8	505.3	666.0	746.3	630.3	398.4	224.3
97.5°	758.4	654.4	758.4	862.3	888.3	964.5	1066.1	1116.8	923.4	536.5	246.4
100°	1092.6	968.8	1092.6	1216.5	1247.4	1241.9	1234.4	1230.7	1016.1	586.8	264.9
102.5°	1421.5	1315.4	1421.5	1527.6	1554.1	1457.0	1327.7	1262.9	1045.3	610.0	283.4
105°	1840.8	1783.8	1840.8	1897.8	1912.0	1694.5	1404.5	1259.4	1048.7	627.1	310.9
107.5°	2115.5	2129.3	2115.5	2101.6	2098.2	1794.7	1390.1	1187.8	1001.9	630.2	351.4
110°	2220.2	2279.6	2220.2	2160.7	2145.9	1806.6	1354.3	1128.1	960.6	625.4	374.1



TEST NUMBER: P935142

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2229.5	2320.7	2229.5	2138.2	2115.5	1768.3	1305.3	1073.8	924.4	625.6	401.5
115°	2170.4	2296.9	2170.4	2044.0	2012.3	1677.8	1231.8	1008.8	882.9	631.4	442.6
117.5°	2045.0	2185.3	2045.0	1904.7	1869.6	1567.8	1165.3	964.0	857.0	643.0	482.6
120°	1944.0	2080.3	1944.0	1807.7	1773.6	1497.8	1130.0	946.2	848.3	652.7	505.9
122.5°	1845.6	1980.1	1845.6	1711.2	1677.5	1429.2	1098.1	932.5	843.7	666.4	533.4
125°	1705.3	1829.1	1705.3	1581.5	1550.6	1339.5	1058.2	917.6	840.0	684.9	568.6
127.5°	1579.2	1683.6	1579.2	1474.6	1448.5	1267.3	1025.8	905.0	837.8	703.4	602.6
130°	1504.8	1601.2	1504.8	1408.2	1384.1	1222.8	1007.7	900.3	839.2	717.0	625.3
132.5°	1437.3	1523.7	1437.3	1350.8	1329.2	1184.8	992.3	896.0	840.0	727.9	643.7
135°	1344.8	1419.3	1344.8	1270.3	1251.7	1130.7	969.5	888.9	839.2	739.8	665.2
137.5°	1270.6	1331.6	1270.6	1209.6	1194.4	1092.2	955.9	887.7	844.4	757.7	692.7
140°	1219.7	1276.7	1219.7	1162.6	1148.4	1060.1	942.4	883.5	845.2	768.6	711.1
142.5°	1177.6	1226.6	1177.6	1128.4	1116.2	1038.6	935.3	883.5	848.2	777.8	724.9
145°	1114.3	1151.4	1114.3	1077.2	1067.9	1004.5	919.9	877.6	848.3	789.7	745.7
147.5°	1065.8	1096.6	1065.8	1035.0	1027.3	977.4	910.9	877.6	854.1	807.1	771.9
150°	1035.2	1060.1	1035.2	1010.2	1004.0	961.8	905.7	877.6	857.1	816.3	785.7
152.5°	1009.1	1027.9	1009.1	990.2	985.5	949.6	901.6	877.6	859.1	822.3	794.7
155°	979.0	991.5	979.0	966.6	963.5	934.9	896.7	877.6	863.5	835.4	814.3
157.5°	955.3	964.0	955.3	946.6	944.4	922.2	892.4	877.6	867.9	848.5	834.0
160°	941.2	946.2	941.2	936.1	934.9	915.7	890.3	877.6	869.9	854.5	843.0
162.5°	931.8	936.6	931.8	927.0	925.9	909.8	888.3	877.6	872.0	860.9	852.5
165°	918.5	923.5	918.5	913.5	912.2	900.6	885.2	877.6	875.1	870.0	866.2
167.5°	908.9	911.0	908.9	906.8	906.2	898.6	888.6	883.5	881.4	877.1	874.0
170°	906.2	906.2	906.2	906.2	906.2	898.6	888.6	883.5	883.4	883.1	882.9
172.5°	899.1	897.3	899.1	900.9	901.4	895.5	887.5	883.5	883.5	883.5	883.5
175°	894.9	894.9	894.9	894.9	894.9	891.1	886.0	883.5	884.7	887.1	888.9
177.5°	891.0	888.9	891.0	893.1	893.7	890.7	886.8	884.8	885.7	887.5	888.9
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935142

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1537.6	1529.0	1529.0	1514.6	1508.9	1504.6	1497.4	1475.9	1470.1	1464.4	1473.0
5°	1550.5	1534.7	1523.2	1497.4	1475.9	1467.3	1440.0	1388.4	1354.0	1328.2	1313.8
7.5°	1553.3	1533.3	1511.7	1471.6	1419.9	1397.0	1313.8	1219.1	1193.3	1170.4	1156.0
10°	1550.5	1527.5	1497.4	1437.2	1315.2	1275.1	1191.9	1130.2	1114.4	1110.1	1114.4
12.5°	1540.4	1518.9	1477.3	1376.9	1206.2	1179.0	1130.2	1094.4	1091.5	1098.7	1137.4
15°	1523.2	1503.1	1454.4	1296.6	1146.0	1125.9	1091.5	1078.6	1094.4	1144.6	1260.7
17.5°	1506.0	1483.1	1422.8	1217.7	1100.1	1085.8	1061.4	1087.2	1176.1	1243.5	1282.3
20°	1483.1	1455.8	1387.0	1160.3	1067.1	1054.2	1042.7	1158.9	1226.3	1250.7	1272.2
22.5°	1455.8	1427.1	1338.2	1120.2	1032.7	1022.6	1029.8	1199.1	1226.3	1243.5	1262.2
25°	1419.9	1395.6	1280.8	1088.6	1005.4	994.0	1021.2	1194.8	1210.5	1214.8	1252.1
27.5°	1387.0	1355.4	1220.6	1059.9	972.4	968.1	1028.4	1176.1	1187.6	1191.9	1232.1
30°	1346.8	1299.5	1153.2	1029.8	938.0	936.6	1029.8	1153.2	1150.3	1161.8	1201.9
32.5°	1305.2	1216.3	1077.2	992.5	905.0	903.6	1019.8	1118.7	1115.9	1131.7	1161.8
35°	1266.5	1151.7	973.9	949.5	863.4	864.9	995.4	1078.6	1080.0	1094.4	1113.0
37.5°	1226.3	1095.8	860.6	902.2	823.3	823.3	962.4	1041.3	1038.4	1042.7	1068.5
40°	1179.0	1008.3	760.2	840.5	786.0	781.7	922.2	1001.1	991.1	989.7	1025.5
42.5°	1128.8	912.2	685.6	758.7	743.0	737.2	873.5	952.4	933.7	938.0	983.9
45°	1074.3	886.4	628.2	641.1	698.5	694.2	820.4	896.4	883.5	895.0	942.3
47.5°	1019.8	834.8	609.6	532.1	651.2	649.7	761.6	841.9	834.8	846.2	896.4
50°	945.2	777.4	608.1	456.1	598.1	603.8	691.3	788.9	788.9	798.9	852.0
52.5°	849.1	707.1	552.2	413.1	536.4	553.6	629.7	743.0	745.8	755.9	803.2
55°	761.6	634.0	512.0	380.1	463.3	500.6	569.4	695.6	701.4	711.4	754.4
57.5°	681.3	527.8	503.4	341.4	395.9	431.7	516.3	649.7	652.6	661.2	702.8
60°	595.2	381.5	461.8	299.8	337.1	364.3	467.6	595.2	605.3	611.0	646.9
62.5°	497.7	276.8	418.8	271.1	308.4	314.1	427.4	543.6	556.5	560.8	582.3
65°	354.3	232.4	355.7	246.7	278.3	279.7	384.4	490.5	502.0	509.2	524.9
67.5°	239.5	189.3	271.1	223.7	255.3	256.7	342.8	428.9	444.6	450.4	460.4
70°	166.4	126.2	200.8	199.4	229.5	232.4	298.3	372.9	387.3	391.6	397.3
72.5°	121.9	101.8	166.4	179.3	202.2	205.1	252.4	309.8	324.1	328.5	331.3
75°	93.2	107.6	134.8	156.3	172.1	173.5	206.5	252.4	262.5	265.3	266.8
77.5°	74.6	100.4	99.0	126.2	140.6	137.7	162.1	195.1	203.7	203.7	203.7
80°	55.9	78.9	74.6	90.4	103.3	100.4	116.2	139.1	142.0	144.9	143.4
82.5°	41.6	50.2	50.2	57.4	68.8	66.0	77.5	90.4	90.4	90.4	93.2
85°	25.8	28.7	22.9	30.1	38.7	37.3	43.0	48.8	50.2	50.2	47.3
87.5°	15.8	12.9	7.2	11.5	17.2	17.2	20.1	21.5	20.1	20.1	20.1
90°	15.5	10.7	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.3	30.2
92.5°	105.0	64.4	23.9	64.4	105.0	115.1	161.9	224.1	255.3	223.7	160.6
95°	205.8	131.5	57.3	131.5	205.8	224.3	398.4	630.3	746.3	666.0	505.3
97.5°	230.1	164.6	99.1	164.6	230.1	246.4	536.5	923.4	1116.8	1066.1	964.5
100°	250.0	190.7	131.3	190.7	250.0	264.9	586.8	1016.1	1230.7	1234.4	1241.9
102.5°	269.6	214.2	158.7	214.2	269.6	283.4	610.0	1045.3	1262.9	1327.7	1457.0
105°	299.1	252.1	205.2	252.1	299.1	310.9	627.1	1048.7	1259.4	1404.5	1694.5
107.5°	340.5	296.7	252.9	296.7	340.5	351.4	630.2	1001.9	1187.8	1390.1	1794.7
110°	364.2	324.6	285.1	324.6	364.2	374.1	625.4	960.6	1128.1	1354.3	1806.6



TEST NUMBER: P935142

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	392.1	354.5	316.8	354.5	392.1	401.5	625.6	924.4	1073.8	1305.3	1768.3
115°	433.9	399.2	364.5	399.2	433.9	442.6	631.4	882.9	1008.8	1231.8	1677.8
117.5°	474.7	443.2	411.6	443.2	474.7	482.6	643.0	857.0	964.0	1165.3	1567.8
120°	498.5	468.8	439.1	468.8	498.5	505.9	652.7	848.3	946.2	1130.0	1497.8
122.5°	525.9	495.9	466.0	495.9	525.9	533.4	666.4	843.7	932.5	1098.1	1429.2
125°	561.8	534.4	507.1	534.4	561.8	568.6	684.9	840.0	917.6	1058.2	1339.5
127.5°	595.7	568.1	540.5	568.1	595.7	602.6	703.4	837.8	905.0	1025.8	1267.3
130°	617.8	588.2	558.4	588.2	617.8	625.3	717.0	839.2	900.3	1007.7	1222.8
132.5°	636.3	606.6	576.9	606.6	636.3	643.7	727.9	840.0	896.0	992.3	1184.8
135°	658.4	631.4	604.3	631.4	658.4	665.2	739.8	839.2	888.9	969.5	1130.7
137.5°	686.0	659.1	632.3	659.1	686.0	692.7	757.7	844.4	887.7	955.9	1092.2
140°	705.0	680.3	655.7	680.3	705.0	711.1	768.6	845.2	883.5	942.4	1060.1
142.5°	719.2	696.4	673.5	696.4	719.2	724.9	777.8	848.2	883.5	935.3	1038.6
145°	740.8	720.9	701.0	720.9	740.8	745.7	789.7	848.3	877.6	919.9	1004.5
147.5°	767.1	747.7	728.4	747.7	767.1	771.9	807.1	854.1	877.6	910.9	977.4
150°	781.3	763.8	746.3	763.8	781.3	785.7	816.3	857.1	877.6	905.7	961.8
152.5°	791.3	778.1	764.9	778.1	791.3	794.7	822.3	859.1	877.6	901.6	949.6
155°	811.8	802.1	792.3	802.1	811.8	814.3	835.4	863.5	877.6	896.7	934.9
157.5°	831.6	822.1	812.6	822.1	831.6	834.0	848.5	867.9	877.6	892.4	922.2
160°	841.2	833.7	826.2	833.7	841.2	843.0	854.5	869.9	877.6	890.3	915.7
162.5°	851.1	845.6	840.0	845.6	851.1	852.5	860.9	872.0	877.6	888.3	909.8
165°	865.0	859.9	854.9	859.9	865.0	866.2	870.0	875.1	877.6	885.2	900.6
167.5°	873.4	871.0	868.6	871.0	873.4	874.0	877.1	881.4	883.5	888.6	898.6
170°	882.4	880.0	877.6	880.0	882.4	882.9	883.1	883.4	883.5	888.6	898.6
172.5°	883.4	882.9	882.4	882.9	883.4	883.5	883.5	883.5	883.5	887.5	895.5
175°	888.9	888.9	888.9	888.9	888.9	888.9	887.1	884.7	883.5	886.0	891.1
177.5°	888.9	888.9	888.9	888.9	888.9	888.9	887.5	885.7	884.8	886.8	890.7
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935142

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1463.0	1458.7	1464.4	1448.6	1464.4	1458.7	1463.0	1473.0	1464.4	1470.1	1475.9
5°	1283.7	1276.5	1253.6	1234.9	1253.6	1276.5	1283.7	1313.8	1328.2	1354.0	1388.4
7.5°	1147.4	1141.7	1136.0	1124.5	1136.0	1141.7	1147.4	1156.0	1170.4	1193.3	1219.1
10°	1117.3	1118.7	1127.4	1125.9	1127.4	1118.7	1117.3	1114.4	1110.1	1114.4	1130.2
12.5°	1194.8	1207.7	1255.0	1252.1	1255.0	1207.7	1194.8	1137.4	1098.7	1091.5	1094.4
15°	1283.7	1288.0	1298.0	1299.5	1298.0	1288.0	1283.7	1260.7	1144.6	1094.4	1078.6
17.5°	1292.3	1293.7	1300.9	1300.9	1300.9	1293.7	1292.3	1282.3	1243.5	1176.1	1087.2
20°	1285.1	1288.0	1302.3	1305.2	1302.3	1288.0	1285.1	1272.2	1250.7	1226.3	1158.9
22.5°	1282.3	1288.0	1299.5	1298.0	1299.5	1288.0	1282.3	1262.2	1243.5	1226.3	1199.1
25°	1267.9	1267.9	1269.3	1270.8	1269.3	1267.9	1267.9	1252.1	1214.8	1210.5	1194.8
27.5°	1237.8	1240.7	1249.3	1247.8	1249.3	1240.7	1237.8	1232.1	1191.9	1187.6	1176.1
30°	1210.5	1207.7	1200.5	1194.8	1200.5	1207.7	1210.5	1201.9	1161.8	1150.3	1153.2
32.5°	1164.6	1157.5	1150.3	1146.0	1150.3	1157.5	1164.6	1161.8	1131.7	1115.9	1118.7
35°	1110.1	1111.6	1110.1	1105.8	1110.1	1111.6	1110.1	1113.0	1094.4	1080.0	1078.6
37.5°	1071.4	1074.3	1072.8	1067.1	1072.8	1074.3	1071.4	1068.5	1042.7	1038.4	1041.3
40°	1031.3	1032.7	1031.3	1027.0	1031.3	1032.7	1031.3	1025.5	989.7	991.1	1001.1
42.5°	992.5	991.1	986.8	983.9	986.8	991.1	992.5	983.9	938.0	933.7	952.4
45°	948.1	949.5	940.9	936.6	940.9	949.5	948.1	942.3	895.0	883.5	896.4
47.5°	903.6	903.6	896.4	892.1	896.4	903.6	903.6	896.4	846.2	834.8	841.9
50°	856.3	854.8	844.8	843.4	844.8	854.8	856.3	852.0	798.9	788.9	788.9
52.5°	801.8	801.8	803.2	806.1	803.2	801.8	801.8	803.2	755.9	745.8	743.0
55°	754.4	755.9	765.9	768.8	765.9	755.9	754.4	754.4	711.4	701.4	695.6
57.5°	705.7	705.7	712.8	712.8	712.8	705.7	705.7	702.8	661.2	652.6	649.7
60°	649.7	652.6	658.3	656.9	658.3	652.6	649.7	646.9	611.0	605.3	595.2
62.5°	590.9	593.8	595.2	592.4	595.2	593.8	590.9	582.3	560.8	556.5	543.6
65°	529.3	532.1	533.6	530.7	533.6	532.1	529.3	524.9	509.2	502.0	490.5
67.5°	466.1	464.7	463.3	469.0	463.3	464.7	466.1	460.4	450.4	444.6	428.9
70°	401.6	401.6	400.2	403.0	400.2	401.6	401.6	397.3	391.6	387.3	372.9
72.5°	332.8	331.3	337.1	332.8	337.1	331.3	332.8	331.3	328.5	324.1	309.8
75°	265.3	268.2	265.3	269.6	265.3	268.2	265.3	266.8	265.3	262.5	252.4
77.5°	202.2	205.1	202.2	202.2	202.2	205.1	202.2	203.7	203.7	203.7	195.1
80°	143.4	142.0	142.0	140.6	142.0	142.0	143.4	143.4	144.9	142.0	139.1
82.5°	91.8	90.4	90.4	93.2	90.4	90.4	91.8	93.2	90.4	90.4	90.4
85°	50.2	51.6	48.8	48.8	48.8	51.6	50.2	47.3	50.2	50.2	48.8
87.5°	18.6	17.2	17.2	17.2	17.2	17.2	18.6	20.1	20.1	20.1	21.5
90°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	30.2	40.3	45.3	39.0
92.5°	113.3	108.8	90.7	72.8	90.7	108.8	113.3	160.6	223.7	255.3	224.1
95°	384.8	371.1	316.5	261.9	316.5	371.1	384.8	505.3	666.0	746.3	630.3
97.5°	888.3	862.3	758.4	654.4	758.4	862.3	888.3	964.5	1066.1	1116.8	923.4
100°	1247.4	1216.5	1092.6	968.8	1092.6	1216.5	1247.4	1241.9	1234.4	1230.7	1016.1
102.5°	1554.1	1527.6	1421.5	1315.4	1421.5	1527.6	1554.1	1457.0	1327.7	1262.9	1045.3
105°	1912.0	1897.8	1840.8	1783.8	1840.8	1897.8	1912.0	1694.5	1404.5	1259.4	1048.7
107.5°	2098.2	2101.6	2115.5	2129.3	2115.5	2101.6	2098.2	1794.7	1390.1	1187.8	1001.9
110°	2145.9	2160.7	2220.2	2279.6	2220.2	2160.7	2145.9	1806.6	1354.3	1128.1	960.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2115.5	2138.2	2229.5	2320.7	2229.5	2138.2	2115.5	1768.3	1305.3	1073.8	924.4
115°	2012.3	2044.0	2170.4	2296.9	2170.4	2044.0	2012.3	1677.8	1231.8	1008.8	882.9
117.5°	1869.6	1904.7	2045.0	2185.3	2045.0	1904.7	1869.6	1567.8	1165.3	964.0	857.0
120°	1773.6	1807.7	1944.0	2080.3	1944.0	1807.7	1773.6	1497.8	1130.0	946.2	848.3
122.5°	1677.5	1711.2	1845.6	1980.1	1845.6	1711.2	1677.5	1429.2	1098.1	932.5	843.7
125°	1550.6	1581.5	1705.3	1829.1	1705.3	1581.5	1550.6	1339.5	1058.2	917.6	840.0
127.5°	1448.5	1474.6	1579.2	1683.6	1579.2	1474.6	1448.5	1267.3	1025.8	905.0	837.8
130°	1384.1	1408.2	1504.8	1601.2	1504.8	1408.2	1384.1	1222.8	1007.7	900.3	839.2
132.5°	1329.2	1350.8	1437.3	1523.7	1437.3	1350.8	1329.2	1184.8	992.3	896.0	840.0
135°	1251.7	1270.3	1344.8	1419.3	1344.8	1270.3	1251.7	1130.7	969.5	888.9	839.2
137.5°	1194.4	1209.6	1270.6	1331.6	1270.6	1209.6	1194.4	1092.2	955.9	887.7	844.4
140°	1148.4	1162.6	1219.7	1276.7	1219.7	1162.6	1148.4	1060.1	942.4	883.5	845.2
142.5°	1116.2	1128.4	1177.6	1226.6	1177.6	1128.4	1116.2	1038.6	935.3	883.5	848.2
145°	1067.9	1077.2	1114.3	1151.4	1114.3	1077.2	1067.9	1004.5	919.9	877.6	848.3
147.5°	1027.3	1035.0	1065.8	1096.6	1065.8	1035.0	1027.3	977.4	910.9	877.6	854.1
150°	1004.0	1010.2	1035.2	1060.1	1035.2	1010.2	1004.0	961.8	905.7	877.6	857.1
152.5°	985.5	990.2	1009.1	1027.9	1009.1	990.2	985.5	949.6	901.6	877.6	859.1
155°	963.5	966.6	979.0	991.5	979.0	966.6	963.5	934.9	896.7	877.6	863.5
157.5°	944.4	946.6	955.3	964.0	955.3	946.6	944.4	922.2	892.4	877.6	867.9
160°	934.9	936.1	941.2	946.2	941.2	936.1	934.9	915.7	890.3	877.6	869.9
162.5°	925.9	927.0	931.8	936.6	931.8	927.0	925.9	909.8	888.3	877.6	872.0
165°	912.2	913.5	918.5	923.5	918.5	913.5	912.2	900.6	885.2	877.6	875.1
167.5°	906.2	906.8	908.9	911.0	908.9	906.8	906.2	898.6	888.6	883.5	881.4
170°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	898.6	888.6	883.5	883.4
172.5°	901.4	900.9	899.1	897.3	899.1	900.9	901.4	895.5	887.5	883.5	883.5
175°	894.9	894.9	894.9	894.9	894.9	894.9	894.9	891.1	886.0	883.5	884.7
177.5°	893.7	893.1	891.0	888.9	891.0	893.1	893.7	890.7	886.8	884.8	885.7
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1516.0	1516.0	1516.0	1516.0	1516.0
2.5°	1497.4	1504.6	1508.9	1514.6	1529.0
5°	1440.0	1467.3	1475.9	1497.4	1523.2
7.5°	1313.8	1397.0	1419.9	1471.6	1511.7
10°	1191.9	1275.1	1315.2	1437.2	1497.4
12.5°	1130.2	1179.0	1206.2	1376.9	1477.3
15°	1091.5	1125.9	1146.0	1296.6	1454.4
17.5°	1061.4	1085.8	1100.1	1217.7	1422.8
20°	1042.7	1054.2	1067.1	1160.3	1387.0
22.5°	1029.8	1022.6	1032.7	1120.2	1338.2
25°	1021.2	994.0	1005.4	1088.6	1280.8
27.5°	1028.4	968.1	972.4	1059.9	1220.6
30°	1029.8	936.6	938.0	1029.8	1153.2
32.5°	1019.8	903.6	905.0	992.5	1077.2
35°	995.4	864.9	863.4	949.5	973.9
37.5°	962.4	823.3	823.3	902.2	860.6
40°	922.2	781.7	786.0	840.5	760.2
42.5°	873.5	737.2	743.0	758.7	685.6
45°	820.4	694.2	698.5	641.1	628.2
47.5°	761.6	649.7	651.2	532.1	609.6
50°	691.3	603.8	598.1	456.1	608.1
52.5°	629.7	553.6	536.4	413.1	552.2
55°	569.4	500.6	463.3	380.1	512.0
57.5°	516.3	431.7	395.9	341.4	503.4
60°	467.6	364.3	337.1	299.8	461.8
62.5°	427.4	314.1	308.4	271.1	418.8
65°	384.4	279.7	278.3	246.7	355.7
67.5°	342.8	256.7	255.3	223.7	271.1
70°	298.3	232.4	229.5	199.4	200.8
72.5°	252.4	205.1	202.2	179.3	166.4
75°	206.5	173.5	172.1	156.3	134.8
77.5°	162.1	137.7	140.6	126.2	99.0
80°	116.2	100.4	103.3	90.4	74.6
82.5°	77.5	66.0	68.8	57.4	50.2
85°	43.0	37.3	38.7	30.1	22.9
87.5°	20.1	17.2	17.2	11.5	7.2
90°	26.3	16.7	15.5	10.7	5.9
92.5°	161.9	115.1	105.0	64.4	23.9
95°	398.4	224.3	205.8	131.5	57.3
97.5°	536.5	246.4	230.1	164.6	99.1
100°	586.8	264.9	250.0	190.7	131.3
102.5°	610.0	283.4	269.6	214.2	158.7
105°	627.1	310.9	299.1	252.1	205.2
107.5°	630.2	351.4	340.5	296.7	252.9
110°	625.4	374.1	364.2	324.6	285.1



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CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	625.6	401.5	392.1	354.5	316.8
115°	631.4	442.6	433.9	399.2	364.5
117.5°	643.0	482.6	474.7	443.2	411.6
120°	652.7	505.9	498.5	468.8	439.1
122.5°	666.4	533.4	525.9	495.9	466.0
125°	684.9	568.6	561.8	534.4	507.1
127.5°	703.4	602.6	595.7	568.1	540.5
130°	717.0	625.3	617.8	588.2	558.4
132.5°	727.9	643.7	636.3	606.6	576.9
135°	739.8	665.2	658.4	631.4	604.3
137.5°	757.7	692.7	686.0	659.1	632.3
140°	768.6	711.1	705.0	680.3	655.7
142.5°	777.8	724.9	719.2	696.4	673.5
145°	789.7	745.7	740.8	720.9	701.0
147.5°	807.1	771.9	767.1	747.7	728.4
150°	816.3	785.7	781.3	763.8	746.3
152.5°	822.3	794.7	791.3	778.1	764.9
155°	835.4	814.3	811.8	802.1	792.3
157.5°	848.5	834.0	831.6	822.1	812.6
160°	854.5	843.0	841.2	833.7	826.2
162.5°	860.9	852.5	851.1	845.6	840.0
165°	870.0	866.2	865.0	859.9	854.9
167.5°	877.1	874.0	873.4	871.0	868.6
170°	883.1	882.9	882.4	880.0	877.6
172.5°	883.5	883.5	883.4	882.9	882.4
175°	887.1	888.9	888.9	888.9	888.9
177.5°	887.5	888.9	888.9	888.9	888.9
180°	888.9	888.9	888.9	888.9	888.9



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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	11.64	12.42	12.67	13.46	14.86	14.46	15.25	15.50	16.29	17.69
	3H	12.11	12.81	13.16	13.86	15.28	15.80	16.50	16.85	17.55	18.97
	4H	12.30	12.96	13.36	14.02	15.44	16.24	16.91	17.30	17.96	19.38
	6H	12.41	13.03	13.48	14.08	15.52	16.52	17.13	17.59	18.19	19.63
	8H	12.41	12.99	13.48	14.07	15.50	16.59	17.17	17.66	18.25	19.68
	12H	12.38	12.93	13.46	14.00	15.46	16.63	17.18	17.70	18.25	19.70
4H	2H	12.66	13.33	13.72	14.38	15.80	14.86	15.53	15.93	16.58	18.01
	3H	13.68	14.24	14.75	15.31	16.75	16.36	16.91	17.43	17.99	19.43
	4H	13.95	14.46	15.03	15.53	16.99	16.88	17.39	17.96	18.46	19.92
	6H	14.08	14.51	15.16	15.60	17.06	17.24	17.68	18.33	18.77	20.23
	8H	14.08	14.49	15.16	15.57	17.04	17.35	17.75	18.43	18.84	20.31
	12H	14.04	14.41	15.15	15.51	16.99	17.40	17.77	18.50	18.87	20.34
8H	4H	14.40	14.81	15.49	15.89	17.36	17.00	17.41	18.09	18.50	19.97
	6H	14.66	14.99	15.77	16.12	17.59	17.43	17.77	18.54	18.90	20.37
	8H	14.70	15.00	15.82	16.11	17.59	17.59	17.88	18.70	18.99	20.48
	12H	14.68	14.94	15.80	16.05	17.57	17.68	17.94	18.80	19.04	20.57
12H	4H	14.40	14.77	15.51	15.87	17.35	16.96	17.33	18.07	18.43	19.91
	6H	14.72	15.01	15.83	16.12	17.61	17.43	17.73	18.55	18.84	20.32
	8H	14.78	15.04	15.90	16.15	17.67	17.59	17.85	18.71	18.95	20.48