

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: P935862

Luminaire Tested: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935862
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

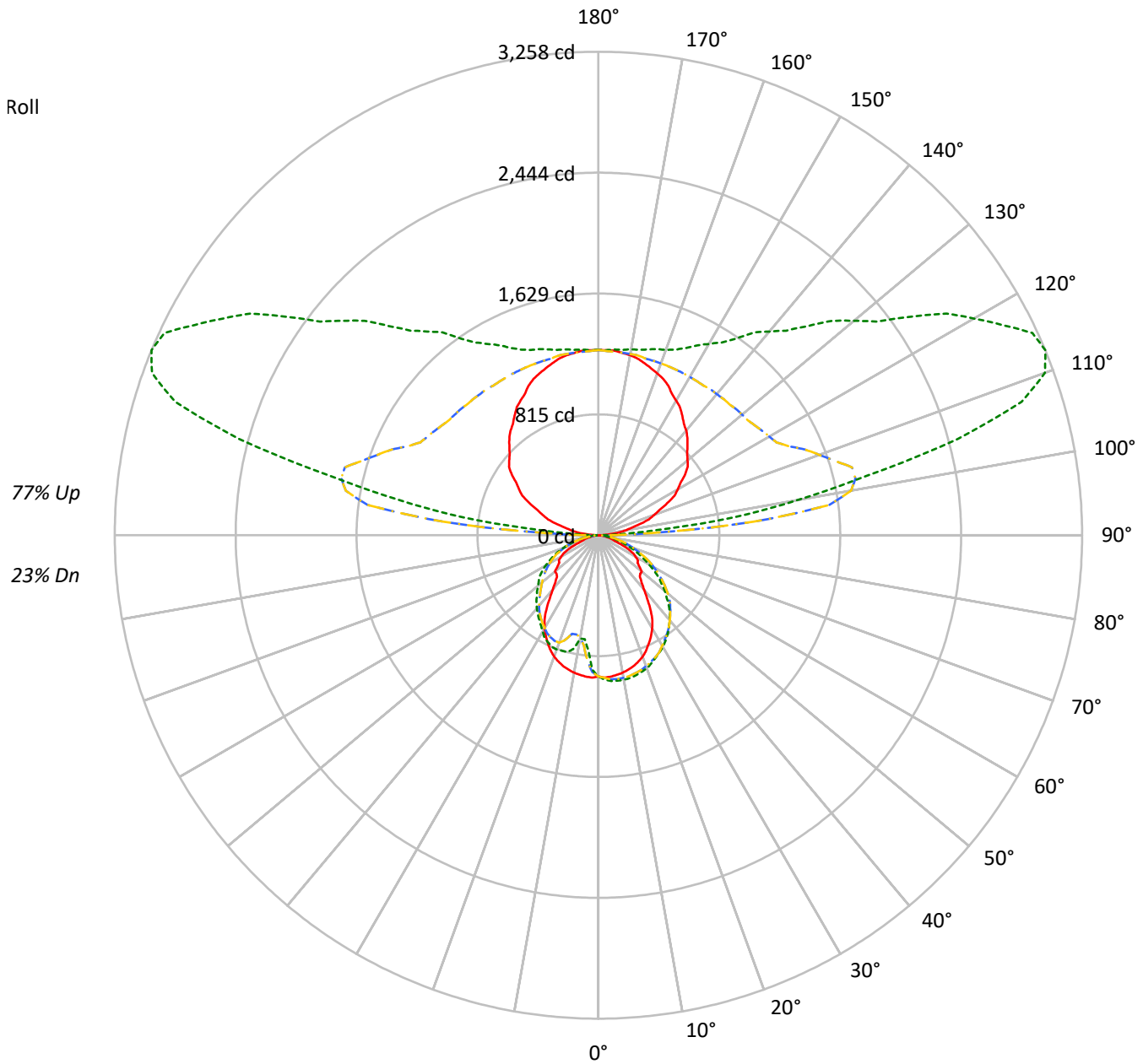
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10563.8 lumens
Efficiency: N/A
Efficacy: 126.7 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: Semi-Indirect

Input Watts (W): 83.4
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-150U-050D-93050-1D-UNV-STD-W-6-3500K

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	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	20
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	12
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	10
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5889	5889	5889	5889
5°	5931	5945	5931	4674
10°	5889	5856	5889	4187
15°	5823	5729	5823	4784
20°	5699	5579	5699	4794
25°	5448	5360	5448	4692
30°	5123	5178	5123	4470
35°	4565	4947	4565	4224
40°	3802	4677	3802	4039
45°	3395	4359	3395	3826
50°	3604	3981	3604	3612
55°	3387	3573	3387	3489
60°	3487	3035	3487	3195
65°	3157	2508	3157	2804
70°	2181	1999	2181	2351
75°	1906	1478	1906	1769
80°	1523	976	1523	1064
85°	859	517	859	440

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5206 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	0.8
10°-20°	244.0	2.3
20°-30°	377.2	3.6
30°-40°	450.3	4.3
40°-50°	452.9	4.3
50°-60°	394.1	3.7
60°-70°	279.4	2.6
70°-80°	147.8	1.4
80°-90°	41.6	0.4
90°-100°	608.4	5.8
100°-110°	1599.4	15.1
110°-120°	1658.4	15.7
120°-130°	1330.3	12.6
130°-140°	1043.8	9.9
140°-150°	801.1	7.6
150°-160°	576.9	5.5
160°-170°	353.0	3.3
170°-180°	119.3	1.1
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0°-30°	707.1	6.7
0°-40°	1157.4	11.0
0°-60°	2004.3	19.0
0°-90°	2473.2	23.4
90°-120°	3866.2	36.6
90°-150°	7041.4	66.7
90°-180°	8091.0	76.6
0°-180°	10563.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	952	952	952	952	952	
5°	956	986	956	775	956	91
15°	913	977	913	816	913	257
25°	804	912	804	798	804	369
35°	612	813	612	694	612	378
45°	394	670	394	588	394	316
55°	322	494	322	483	322	295
65°	223	298	223	333	223	213
75°	85	141	85	169	85	89
85°	14	36	14	31	14	19
90°	8	32	8	32	8	8
95°	80	368	80	368	80	89
105°	288	2504	288	2504	288	305
115°	512	3225	512	3225	512	505
125°	712	2568	712	2568	712	632
135°	848	1993	848	1993	848	657
145°	984	1617	984	1617	984	617
155°	1112	1392	1112	1392	1112	511
165°	1200	1297	1200	1297	1200	339
175°	1248	1256	1248	1256	1248	118
180°	1248	1248	1248	1248	1248	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0
2.5°	960.1	960.1	965.5	967.3	967.3	964.6	961.9	964.6	972.8	975.4	974.5
5°	956.5	963.7	973.7	975.4	977.2	976.3	974.5	976.3	985.3	987.2	988.1
7.5°	949.3	962.8	975.4	978.1	980.8	978.1	977.2	979.0	988.1	989.9	989.9
10°	940.3	959.2	973.7	975.4	978.1	975.4	975.4	979.0	988.1	989.9	990.8
12.5°	927.7	953.8	967.3	969.1	972.8	971.9	970.9	974.5	983.5	985.3	985.3
15°	913.3	943.9	956.5	958.3	964.6	962.8	962.8	966.4	976.3	979.0	978.1
17.5°	893.4	931.3	945.7	948.4	952.9	952.0	952.9	956.5	965.5	967.3	968.2
20°	871.0	914.2	931.3	934.0	938.5	938.5	938.5	943.0	952.0	955.6	955.6
22.5°	840.3	896.1	914.2	916.0	921.4	921.4	923.2	929.5	937.6	938.5	938.5
25°	804.3	876.3	891.6	897.1	902.5	905.2	907.8	911.5	914.2	913.3	914.2
27.5°	766.5	851.1	871.0	874.5	881.8	884.5	888.1	889.0	889.9	892.5	890.7
30°	724.1	816.0	845.7	849.3	861.0	862.8	859.2	861.0	865.5	867.4	869.2
32.5°	676.4	763.8	819.6	827.7	838.5	833.1	832.2	834.9	842.1	842.1	843.9
35°	611.6	723.2	795.3	802.5	810.6	804.3	807.9	808.8	813.3	816.0	815.1
37.5°	540.4	688.1	770.1	775.4	781.8	773.6	779.1	781.8	785.4	783.6	783.6
40°	477.4	633.2	740.3	743.9	749.4	743.0	748.5	750.3	752.1	750.3	749.4
42.5°	430.6	572.8	708.8	713.3	709.7	714.2	716.1	719.7	717.0	713.3	713.3
45°	394.5	556.6	674.6	680.0	674.6	681.8	684.5	684.5	676.4	674.6	673.7
47.5°	382.7	524.2	640.4	640.4	637.6	646.7	651.2	644.9	636.7	634.1	634.1
50°	381.9	488.1	593.5	589.9	602.5	613.4	608.8	602.5	596.3	586.3	586.3
52.5°	346.8	444.0	533.2	546.7	566.6	572.8	565.7	559.3	548.5	544.0	540.4
55°	321.5	398.1	478.3	505.3	526.0	534.1	520.6	514.3	498.1	495.4	493.6
57.5°	316.1	331.4	427.8	462.1	487.2	486.3	478.3	466.5	453.0	450.3	449.4
60°	290.0	239.6	373.8	414.4	440.4	437.7	430.6	419.7	407.1	405.3	403.5
62.5°	263.0	173.9	312.6	358.5	395.4	394.5	388.2	372.0	363.0	358.5	354.9
65°	223.4	145.9	222.5	298.1	351.2	353.0	339.6	327.9	317.9	312.6	311.7
67.5°	170.2	118.9	150.4	248.6	309.0	307.1	290.0	284.6	272.0	269.3	263.9
70°	126.1	79.2	104.5	201.7	267.5	263.0	249.5	243.2	231.4	225.2	221.6
72.5°	104.5	63.9	76.5	156.7	225.2	219.8	208.1	200.8	191.0	185.5	181.9
75°	84.7	67.5	58.6	116.2	182.8	179.2	168.4	161.2	153.1	145.9	146.8
77.5°	62.1	63.0	46.8	85.6	145.0	139.6	133.3	124.3	120.7	113.5	113.5
80°	46.8	49.5	35.1	58.6	104.5	104.5	99.1	92.8	86.5	82.9	82.9
82.5°	31.5	31.5	26.1	36.9	71.2	68.5	64.8	63.0	59.4	57.7	57.7
85°	14.4	18.0	16.2	22.5	38.8	40.6	40.6	38.8	37.9	36.0	36.9
87.5°	4.5	8.1	9.9	12.6	19.8	20.7	21.6	21.6	21.6	22.5	22.5
90°	8.4	15.1	21.8	23.5	36.9	54.7	63.7	56.6	42.4	31.9	31.9
92.5°	33.5	90.4	147.5	161.7	227.3	314.8	358.5	314.2	225.6	159.2	152.8
95°	80.4	184.6	288.9	315.0	559.3	885.0	1047.9	935.1	709.4	540.2	521.1
97.5°	139.0	231.0	322.9	345.9	753.3	1296.5	1568.0	1496.8	1354.2	1247.3	1210.7
100°	184.3	267.7	351.1	371.9	824.0	1426.7	1728.0	1733.2	1743.7	1751.5	1708.1
102.5°	222.8	300.6	378.4	397.9	856.4	1467.6	1773.3	1864.0	2045.7	2182.0	2144.7
105°	288.1	354.0	419.9	436.4	880.4	1472.3	1768.2	1971.8	2379.1	2684.6	2664.5
107.5°	355.2	416.6	478.0	493.3	884.7	1406.7	1667.7	1951.8	2519.9	2945.9	2950.8
110°	400.4	455.9	511.3	525.2	878.1	1348.6	1583.9	1901.5	2536.6	3012.9	3033.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	444.8	497.6	550.4	563.7	878.4	1297.9	1507.7	1832.7	2482.7	2970.2	3002.2
115°	511.8	560.6	609.3	621.5	886.4	1239.7	1416.4	1729.5	2355.7	2825.2	2869.7
117.5°	577.9	622.2	666.6	677.7	903.0	1203.4	1353.6	1636.2	2201.2	2625.1	2674.3
120°	616.5	658.2	700.0	710.3	916.4	1191.1	1328.5	1586.7	2103.0	2490.2	2538.0
122.5°	654.2	696.3	738.4	748.8	935.6	1184.7	1309.2	1541.7	2006.7	2355.4	2402.6
125°	712.0	750.3	788.7	798.3	961.6	1179.4	1288.3	1485.8	1880.7	2177.0	2220.4
127.5°	758.9	797.5	836.3	846.0	987.5	1176.3	1270.6	1440.2	1779.3	2033.7	2070.4
130°	784.0	825.7	867.5	877.9	1006.6	1178.2	1264.0	1415.0	1716.9	1943.3	1977.1
132.5°	810.0	851.7	893.4	903.8	1021.9	1179.4	1258.1	1393.2	1663.5	1866.2	1896.5
135°	848.5	886.4	924.5	934.0	1038.7	1178.2	1248.1	1361.2	1587.6	1757.3	1783.5
137.5°	887.9	925.5	963.1	972.5	1063.8	1185.5	1246.4	1342.1	1533.4	1676.9	1698.3
140°	920.6	955.2	989.8	998.5	1079.1	1186.7	1240.5	1323.2	1488.5	1612.5	1632.4
142.5°	945.6	977.7	1009.7	1017.7	1092.0	1191.0	1240.5	1313.2	1458.3	1567.2	1584.3
145°	984.2	1012.2	1040.1	1047.1	1108.8	1191.0	1232.1	1291.5	1410.3	1499.4	1512.4
147.5°	1022.7	1049.9	1077.1	1083.9	1133.3	1199.2	1232.1	1278.9	1372.2	1442.3	1453.2
150°	1047.9	1072.4	1096.9	1103.1	1146.1	1203.5	1232.1	1271.6	1350.5	1409.7	1418.4
152.5°	1073.8	1092.5	1111.1	1115.7	1154.5	1206.3	1232.1	1265.8	1333.2	1383.7	1390.3
155°	1112.3	1126.1	1139.9	1143.3	1172.9	1212.4	1232.1	1258.9	1312.5	1352.7	1357.1
157.5°	1140.8	1154.2	1167.7	1171.0	1191.4	1218.5	1232.1	1253.0	1294.7	1326.0	1329.0
160°	1160.1	1170.5	1180.9	1183.5	1199.7	1221.3	1232.1	1250.0	1285.8	1312.5	1314.3
162.5°	1179.4	1187.2	1195.0	1196.9	1208.7	1224.3	1232.1	1247.2	1277.3	1300.0	1301.7
165°	1200.3	1207.4	1214.4	1216.2	1221.5	1228.5	1232.1	1243.0	1264.5	1280.7	1282.5
167.5°	1219.6	1222.9	1226.3	1227.1	1231.6	1237.6	1240.5	1247.6	1261.8	1272.3	1273.0
170°	1232.1	1235.4	1238.8	1239.6	1239.9	1240.4	1240.5	1247.6	1261.8	1272.3	1272.3
172.5°	1238.8	1239.6	1240.4	1240.5	1240.5	1240.5	1240.5	1246.1	1257.3	1265.6	1265.0
175°	1248.1	1248.1	1248.1	1248.1	1245.6	1242.2	1240.5	1244.0	1251.1	1256.4	1256.4
177.5°	1248.1	1248.1	1248.1	1248.1	1246.1	1243.5	1242.2	1244.9	1250.6	1254.8	1254.1
180°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1



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CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0
2.5°	976.3	973.7	976.3	974.5	975.4	972.8	964.6	961.9	964.6	967.3	967.3
5°	988.1	986.2	988.1	988.1	987.2	985.3	976.3	974.5	976.3	977.2	975.4
7.5°	991.6	989.0	991.6	989.9	989.9	988.1	979.0	977.2	978.1	980.8	978.1
10°	991.6	989.0	991.6	990.8	989.9	988.1	979.0	975.4	975.4	978.1	975.4
12.5°	987.2	985.3	987.2	985.3	985.3	983.5	974.5	970.9	971.9	972.8	969.1
15°	979.9	977.2	979.9	978.1	979.0	976.3	966.4	962.8	962.8	964.6	958.3
17.5°	969.1	965.5	969.1	968.2	967.3	965.5	956.5	952.9	952.0	952.9	948.4
20°	956.5	953.8	956.5	955.6	955.6	952.0	943.0	938.5	938.5	938.5	934.0
22.5°	936.7	934.0	936.7	938.5	938.5	937.6	929.5	923.2	921.4	921.4	916.0
25°	914.2	911.5	914.2	914.2	913.3	914.2	911.5	907.8	905.2	902.5	897.1
27.5°	892.5	890.7	892.5	890.7	892.5	889.9	889.0	888.1	884.5	881.8	874.5
30°	871.0	869.2	871.0	869.2	867.4	865.5	861.0	859.2	862.8	861.0	849.3
32.5°	843.9	842.1	843.9	843.9	842.1	842.1	834.9	832.2	833.1	838.5	827.7
35°	816.0	813.3	816.0	815.1	816.0	813.3	808.8	807.9	804.3	810.6	802.5
37.5°	783.6	780.9	783.6	783.6	783.6	785.4	781.8	779.1	773.6	781.8	775.4
40°	750.3	746.7	750.3	749.4	750.3	752.1	750.3	748.5	743.0	749.4	743.9
42.5°	712.4	711.5	712.4	713.3	713.3	717.0	719.7	716.1	714.2	709.7	713.3
45°	671.9	670.1	671.9	673.7	674.6	676.4	684.5	684.5	681.8	674.6	680.0
47.5°	628.7	624.1	628.7	634.1	634.1	636.7	644.9	651.2	646.7	637.6	640.4
50°	582.8	583.7	582.8	586.3	586.3	596.3	602.5	608.8	613.4	602.5	589.9
52.5°	537.7	536.8	537.7	540.4	544.0	548.5	559.3	565.7	572.8	566.6	546.7
55°	492.7	494.5	492.7	493.6	495.4	498.1	514.3	520.6	534.1	526.0	505.3
57.5°	447.7	445.0	447.7	449.4	450.3	453.0	466.5	478.3	486.3	487.2	462.1
60°	395.4	391.8	395.4	403.5	405.3	407.1	419.7	430.6	437.7	440.4	414.4
62.5°	349.4	343.2	349.4	354.9	358.5	363.0	372.0	388.2	394.5	395.4	358.5
65°	300.8	298.1	300.8	311.7	312.6	317.9	327.9	339.6	353.0	351.2	298.1
67.5°	256.7	256.7	256.7	263.9	269.3	272.0	284.6	290.0	307.1	309.0	248.6
70°	216.1	215.2	216.1	221.6	225.2	231.4	243.2	249.5	263.0	267.5	201.7
72.5°	177.5	176.6	177.5	181.9	185.5	191.0	200.8	208.1	219.8	225.2	156.7
75°	143.2	141.4	143.2	146.8	145.9	153.1	161.2	168.4	179.2	182.8	116.2
77.5°	109.9	109.9	109.9	113.5	113.5	120.7	124.3	133.3	139.6	145.0	85.6
80°	81.9	81.0	81.9	82.9	82.9	86.5	92.8	99.1	104.5	104.5	58.6
82.5°	57.7	55.9	57.7	57.7	57.7	59.4	63.0	64.8	68.5	71.2	36.9
85°	36.0	36.0	36.0	36.9	36.0	37.9	38.8	40.6	40.6	38.8	22.5
87.5°	23.5	22.5	23.5	22.5	22.5	21.6	21.6	21.6	20.7	19.8	12.6
90°	31.9	31.9	31.9	31.9	31.9	42.4	56.6	63.7	54.7	36.9	23.5
92.5°	127.5	102.2	127.5	152.8	159.2	225.6	314.2	358.5	314.8	227.3	161.7
95°	444.3	367.7	444.3	521.1	540.2	709.4	935.1	1047.9	885.0	559.3	315.0
97.5°	1064.8	918.9	1064.8	1210.7	1247.3	1354.2	1496.8	1568.0	1296.5	753.3	345.9
100°	1534.2	1360.3	1534.2	1708.1	1751.5	1743.7	1733.2	1728.0	1426.7	824.0	371.9
102.5°	1995.8	1846.9	1995.8	2144.7	2182.0	2045.7	1864.0	1773.3	1467.6	856.4	397.9
105°	2584.5	2504.5	2584.5	2664.5	2684.6	2379.1	1971.8	1768.2	1472.3	880.4	436.4
107.5°	2970.1	2989.4	2970.1	2950.8	2945.9	2519.9	1951.8	1667.7	1406.7	884.7	493.3
110°	3117.1	3200.6	3117.1	3033.8	3012.9	2536.6	1901.5	1583.9	1348.6	878.1	525.2



TEST NUMBER: P935862

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3130.3	3258.3	3130.3	3002.2	2970.2	2482.7	1832.7	1507.7	1297.9	878.4	563.7
115°	3047.2	3224.8	3047.2	2869.7	2825.2	2355.7	1729.5	1416.4	1239.7	886.4	621.5
117.5°	2871.3	3068.2	2871.3	2674.3	2625.1	2201.2	1636.2	1353.6	1203.4	903.0	677.7
120°	2729.4	2920.8	2729.4	2538.0	2490.2	2103.0	1586.7	1328.5	1191.1	916.4	710.3
122.5°	2591.3	2780.0	2591.3	2402.6	2355.4	2006.7	1541.7	1309.2	1184.7	935.6	748.8
125°	2394.2	2568.1	2394.2	2220.4	2177.0	1880.7	1485.8	1288.3	1179.4	961.6	798.3
127.5°	2217.1	2363.8	2217.1	2070.4	2033.7	1779.3	1440.2	1270.6	1176.3	987.5	846.0
130°	2112.7	2248.1	2112.7	1977.1	1943.3	1716.9	1415.0	1264.0	1178.2	1006.6	877.9
132.5°	2017.9	2139.3	2017.9	1896.5	1866.2	1663.5	1393.2	1258.1	1179.4	1021.9	903.8
135°	1888.1	1992.7	1888.1	1783.5	1757.3	1587.6	1361.2	1248.1	1178.2	1038.7	934.0
137.5°	1784.0	1869.6	1784.0	1698.3	1676.9	1533.4	1342.1	1246.4	1185.5	1063.8	972.5
140°	1712.5	1792.5	1712.5	1632.4	1612.5	1488.5	1323.2	1240.5	1186.7	1079.1	998.5
142.5°	1653.3	1722.1	1653.3	1584.3	1567.2	1458.3	1313.2	1240.5	1191.0	1092.0	1017.7
145°	1564.5	1616.6	1564.5	1512.4	1499.4	1410.3	1291.5	1232.1	1191.0	1108.8	1047.1
147.5°	1496.3	1539.6	1496.3	1453.2	1442.3	1372.2	1278.9	1232.1	1199.2	1133.3	1083.9
150°	1453.4	1488.5	1453.4	1418.4	1409.7	1350.5	1271.6	1232.1	1203.5	1146.1	1103.1
152.5°	1416.7	1443.2	1416.7	1390.3	1383.7	1333.2	1265.8	1232.1	1206.3	1154.5	1115.7
155°	1374.6	1392.1	1374.6	1357.1	1352.7	1312.5	1258.9	1232.1	1212.4	1172.9	1143.3
157.5°	1341.4	1353.6	1341.4	1329.0	1326.0	1294.7	1253.0	1232.1	1218.5	1191.4	1171.0
160°	1321.4	1328.5	1321.4	1314.3	1312.5	1285.8	1250.0	1232.1	1221.3	1199.7	1183.5
162.5°	1308.3	1315.0	1308.3	1301.7	1300.0	1277.3	1247.2	1232.1	1224.3	1208.7	1196.9
165°	1289.5	1296.6	1289.5	1282.5	1280.7	1264.5	1243.0	1232.1	1228.5	1221.5	1216.2
167.5°	1276.1	1279.0	1276.1	1273.0	1272.3	1261.8	1247.6	1240.5	1237.6	1231.6	1227.1
170°	1272.3	1272.3	1272.3	1272.3	1272.3	1261.8	1247.6	1240.5	1240.4	1239.9	1239.6
172.5°	1262.4	1259.8	1262.4	1265.0	1265.6	1257.3	1246.1	1240.5	1240.5	1240.5	1240.5
175°	1256.4	1256.4	1256.4	1256.4	1256.4	1251.1	1244.0	1240.5	1242.2	1245.6	1248.1
177.5°	1251.0	1248.1	1251.0	1254.1	1254.8	1250.6	1244.9	1242.2	1243.5	1246.1	1248.1
180°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1



TEST NUMBER: P935862

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0
2.5°	965.5	960.1	960.1	951.1	947.5	944.8	940.3	926.8	923.2	919.6	924.9
5°	973.7	963.7	956.5	940.3	926.8	921.4	904.3	871.9	850.2	834.0	825.0
7.5°	975.4	962.8	949.3	924.1	891.6	877.2	825.0	765.6	749.4	735.0	725.9
10°	973.7	959.2	940.3	902.5	825.9	800.7	748.5	709.7	699.8	697.1	699.8
12.5°	967.3	953.8	927.7	864.6	757.4	740.3	709.7	687.2	685.4	689.9	714.2
15°	956.5	943.9	913.3	814.2	719.7	707.0	685.4	677.3	687.2	718.8	791.7
17.5°	945.7	931.3	893.4	764.7	690.8	681.8	666.5	682.7	738.5	780.9	805.2
20°	931.3	914.2	871.0	728.6	670.1	662.0	654.7	727.7	770.1	785.4	798.9
22.5°	914.2	896.1	840.3	703.4	648.5	642.2	646.7	753.0	770.1	780.9	792.6
25°	891.6	876.3	804.3	683.6	631.4	624.1	641.3	750.3	760.1	762.9	786.3
27.5°	871.0	851.1	766.5	665.6	610.7	607.9	645.8	738.5	745.8	748.5	773.6
30°	845.7	816.0	724.1	646.7	589.0	588.1	646.7	724.1	722.3	729.5	754.7
32.5°	819.6	763.8	676.4	623.2	568.3	567.4	640.4	702.6	700.8	710.6	729.5
35°	795.3	723.2	611.6	596.3	542.2	543.1	625.0	677.3	678.2	687.2	698.9
37.5°	770.1	688.1	540.4	566.6	517.0	517.0	604.3	653.8	652.1	654.7	671.0
40°	740.3	633.2	477.4	527.8	493.6	490.9	579.1	628.7	622.3	621.4	644.0
42.5°	708.8	572.8	430.6	476.5	466.5	463.0	548.5	598.1	586.3	589.0	617.9
45°	674.6	556.6	394.5	402.6	438.6	435.9	515.2	562.9	554.8	562.0	591.7
47.5°	640.4	524.2	382.7	334.1	408.9	408.0	478.3	528.7	524.2	531.4	562.9
50°	593.5	488.1	381.9	286.4	375.6	379.2	434.1	495.4	495.4	501.6	535.0
52.5°	533.2	444.0	346.8	259.4	336.8	347.6	395.4	466.5	468.3	474.7	504.3
55°	478.3	398.1	321.5	238.7	290.9	314.3	357.6	436.8	440.4	446.8	473.7
57.5°	427.8	331.4	316.1	214.3	248.6	271.1	324.3	408.0	409.8	415.2	441.3
60°	373.8	239.6	290.0	188.2	211.7	228.8	293.6	373.8	380.1	383.6	406.2
62.5°	312.6	173.9	263.0	170.2	193.7	197.2	268.4	341.4	349.4	352.1	365.6
65°	222.5	145.9	223.4	154.9	174.8	175.7	241.4	308.0	315.2	319.7	329.7
67.5°	150.4	118.9	170.2	140.5	160.4	161.2	215.2	269.3	279.2	282.8	289.1
70°	104.5	79.2	126.1	125.2	144.1	145.9	187.3	234.2	243.2	245.9	249.5
72.5°	76.5	63.9	104.5	112.5	127.0	128.8	158.6	194.6	203.6	206.3	208.1
75°	58.6	67.5	84.7	98.2	108.1	109.0	129.7	158.6	164.8	166.6	167.5
77.5°	46.8	63.0	62.1	79.2	88.3	86.5	101.8	122.5	127.9	127.9	127.9
80°	35.1	49.5	46.8	56.8	64.8	63.0	73.0	87.4	89.2	91.0	90.1
82.5°	26.1	31.5	31.5	36.0	43.2	41.5	48.6	56.8	56.8	56.8	58.6
85°	16.2	18.0	14.4	18.9	24.4	23.5	27.0	30.6	31.5	31.5	29.7
87.5°	9.9	8.1	4.5	7.2	10.8	10.8	12.6	13.5	12.6	12.6	12.6
90°	21.8	15.1	8.4	15.1	21.8	23.5	36.9	54.7	63.7	56.6	42.4
92.5°	147.5	90.4	33.5	90.4	147.5	161.7	227.3	314.8	358.5	314.2	225.6
95°	288.9	184.6	80.4	184.6	288.9	315.0	559.3	885.0	1047.9	935.1	709.4
97.5°	322.9	231.0	139.0	231.0	322.9	345.9	753.3	1296.5	1568.0	1496.8	1354.2
100°	351.1	267.7	184.3	267.7	351.1	371.9	824.0	1426.7	1728.0	1733.2	1743.7
102.5°	378.4	300.6	222.8	300.6	378.4	397.9	856.4	1467.6	1773.3	1864.0	2045.7
105°	419.9	354.0	288.1	354.0	419.9	436.4	880.4	1472.3	1768.2	1971.8	2379.1
107.5°	478.0	416.6	355.2	416.6	478.0	493.3	884.7	1406.7	1667.7	1951.8	2519.9
110°	511.3	455.9	400.4	455.9	511.3	525.2	878.1	1348.6	1583.9	1901.5	2536.6



TEST NUMBER: P935862

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	550.4	497.6	444.8	497.6	550.4	563.7	878.4	1297.9	1507.7	1832.7	2482.7
115°	609.3	560.6	511.8	560.6	609.3	621.5	886.4	1239.7	1416.4	1729.5	2355.7
117.5°	666.6	622.2	577.9	622.2	666.6	677.7	903.0	1203.4	1353.6	1636.2	2201.2
120°	700.0	658.2	616.5	658.2	700.0	710.3	916.4	1191.1	1328.5	1586.7	2103.0
122.5°	738.4	696.3	654.2	696.3	738.4	748.8	935.6	1184.7	1309.2	1541.7	2006.7
125°	788.7	750.3	712.0	750.3	788.7	798.3	961.6	1179.4	1288.3	1485.8	1880.7
127.5°	836.3	797.5	758.9	797.5	836.3	846.0	987.5	1176.3	1270.6	1440.2	1779.3
130°	867.5	825.7	784.0	825.7	867.5	877.9	1006.6	1178.2	1264.0	1415.0	1716.9
132.5°	893.4	851.7	810.0	851.7	893.4	903.8	1021.9	1179.4	1258.1	1393.2	1663.5
135°	924.5	886.4	848.5	886.4	924.5	934.0	1038.7	1178.2	1248.1	1361.2	1587.6
137.5°	963.1	925.5	887.9	925.5	963.1	972.5	1063.8	1185.5	1246.4	1342.1	1533.4
140°	989.8	955.2	920.6	955.2	989.8	998.5	1079.1	1186.7	1240.5	1323.2	1488.5
142.5°	1009.7	977.7	945.6	977.7	1009.7	1017.7	1092.0	1191.0	1240.5	1313.2	1458.3
145°	1040.1	1012.2	984.2	1012.2	1040.1	1047.1	1108.8	1191.0	1232.1	1291.5	1410.3
147.5°	1077.1	1049.9	1022.7	1049.9	1077.1	1083.9	1133.3	1199.2	1232.1	1278.9	1372.2
150°	1096.9	1072.4	1047.9	1072.4	1096.9	1103.1	1146.1	1203.5	1232.1	1271.6	1350.5
152.5°	1111.1	1092.5	1073.8	1092.5	1111.1	1115.7	1154.5	1206.3	1232.1	1265.8	1333.2
155°	1139.9	1126.1	1112.3	1126.1	1139.9	1143.3	1172.9	1212.4	1232.1	1258.9	1312.5
157.5°	1167.7	1154.2	1140.8	1154.2	1167.7	1171.0	1191.4	1218.5	1232.1	1253.0	1294.7
160°	1180.9	1170.5	1160.1	1170.5	1180.9	1183.5	1199.7	1221.3	1232.1	1250.0	1285.8
162.5°	1195.0	1187.2	1179.4	1187.2	1195.0	1196.9	1208.7	1224.3	1232.1	1247.2	1277.3
165°	1214.4	1207.4	1200.3	1207.4	1214.4	1216.2	1221.5	1228.5	1232.1	1243.0	1264.5
167.5°	1226.3	1222.9	1219.6	1222.9	1226.3	1227.1	1231.6	1237.6	1240.5	1247.6	1261.8
170°	1238.8	1235.4	1232.1	1235.4	1238.8	1239.6	1239.9	1240.4	1240.5	1247.6	1261.8
172.5°	1240.4	1239.6	1238.8	1239.6	1240.4	1240.5	1240.5	1240.5	1240.5	1246.1	1257.3
175°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1245.6	1242.2	1240.5	1244.0	1251.1
177.5°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1246.1	1243.5	1242.2	1244.9	1250.6
180°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1



TEST NUMBER: P935862

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0	952.0
2.5°	918.7	916.0	919.6	909.6	919.6	916.0	918.7	924.9	919.6	923.2	926.8
5°	806.1	801.6	787.2	775.4	787.2	801.6	806.1	825.0	834.0	850.2	871.9
7.5°	720.5	717.0	713.3	706.1	713.3	717.0	720.5	725.9	735.0	749.4	765.6
10°	701.7	702.6	707.9	707.0	707.9	702.6	701.7	699.8	697.1	699.8	709.7
12.5°	750.3	758.3	788.1	786.3	788.1	758.3	750.3	714.2	689.9	685.4	687.2
15°	806.1	808.8	815.1	816.0	815.1	808.8	806.1	791.7	718.8	687.2	677.3
17.5°	811.5	812.4	816.9	816.9	816.9	812.4	811.5	805.2	780.9	738.5	682.7
20°	807.0	808.8	817.8	819.6	817.8	808.8	807.0	798.9	785.4	770.1	727.7
22.5°	805.2	808.8	816.0	815.1	816.0	808.8	805.2	792.6	780.9	770.1	753.0
25°	796.2	796.2	797.1	798.0	797.1	796.2	796.2	786.3	762.9	760.1	750.3
27.5°	777.3	779.1	784.5	783.6	784.5	779.1	777.3	773.6	748.5	745.8	738.5
30°	760.1	758.3	753.9	750.3	753.9	758.3	760.1	754.7	729.5	722.3	724.1
32.5°	731.4	726.8	722.3	719.7	722.3	726.8	731.4	729.5	710.6	700.8	702.6
35°	697.1	698.0	697.1	694.4	697.1	698.0	697.1	698.9	687.2	678.2	677.3
37.5°	672.8	674.6	673.7	670.1	673.7	674.6	672.8	671.0	654.7	652.1	653.8
40°	647.6	648.5	647.6	644.9	647.6	648.5	647.6	644.0	621.4	622.3	628.7
42.5°	623.2	622.3	619.6	617.9	619.6	622.3	623.2	617.9	589.0	586.3	598.1
45°	595.4	596.3	590.8	588.1	590.8	596.3	595.4	591.7	562.0	554.8	562.9
47.5°	567.4	567.4	562.9	560.2	562.9	567.4	567.4	562.9	531.4	524.2	528.7
50°	537.7	536.8	530.5	529.6	530.5	536.8	537.7	535.0	501.6	495.4	495.4
52.5°	503.4	503.4	504.3	506.2	504.3	503.4	503.4	504.3	474.7	468.3	466.5
55°	473.7	474.7	481.0	482.8	481.0	474.7	473.7	473.7	446.8	440.4	436.8
57.5°	443.1	443.1	447.7	447.7	447.7	443.1	443.1	441.3	415.2	409.8	408.0
60°	408.0	409.8	413.4	412.5	413.4	409.8	408.0	406.2	383.6	380.1	373.8
62.5°	371.1	372.9	373.8	372.0	373.8	372.9	371.1	365.6	352.1	349.4	341.4
65°	332.3	334.1	335.0	333.2	335.0	334.1	332.3	329.7	319.7	315.2	308.0
67.5°	292.7	291.8	290.9	294.6	290.9	291.8	292.7	289.1	282.8	279.2	269.3
70°	252.2	252.2	251.3	253.1	251.3	252.2	252.2	249.5	245.9	243.2	234.2
72.5°	209.0	208.1	211.7	209.0	211.7	208.1	209.0	208.1	206.3	203.6	194.6
75°	166.6	168.4	166.6	169.3	166.6	168.4	166.6	167.5	166.6	164.8	158.6
77.5°	127.0	128.8	127.0	127.0	127.0	128.8	127.0	127.9	127.9	127.9	122.5
80°	90.1	89.2	89.2	88.3	89.2	89.2	90.1	90.1	91.0	89.2	87.4
82.5°	57.7	56.8	56.8	58.6	56.8	56.8	57.7	58.6	56.8	56.8	56.8
85°	31.5	32.4	30.6	30.6	30.6	32.4	31.5	29.7	31.5	31.5	30.6
87.5°	11.7	10.8	10.8	10.8	10.8	10.8	11.7	12.6	12.6	12.6	13.5
90°	31.9	31.9	31.9	31.9	31.9	31.9	31.9	42.4	56.6	63.7	54.7
92.5°	159.2	152.8	127.5	102.2	127.5	152.8	159.2	225.6	314.2	358.5	314.8
95°	540.2	521.1	444.3	367.7	444.3	521.1	540.2	709.4	935.1	1047.9	885.0
97.5°	1247.3	1210.7	1064.8	918.9	1064.8	1210.7	1247.3	1354.2	1496.8	1568.0	1296.5
100°	1751.5	1708.1	1534.2	1360.3	1534.2	1708.1	1751.5	1743.7	1733.2	1728.0	1426.7
102.5°	2182.0	2144.7	1995.8	1846.9	1995.8	2144.7	2182.0	2045.7	1864.0	1773.3	1467.6
105°	2684.6	2664.5	2584.5	2504.5	2584.5	2664.5	2684.6	2379.1	1971.8	1768.2	1472.3
107.5°	2945.9	2950.8	2970.1	2989.4	2970.1	2950.8	2945.9	2519.9	1951.8	1667.7	1406.7
110°	3012.9	3033.8	3117.1	3200.6	3117.1	3033.8	3012.9	2536.6	1901.5	1583.9	1348.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2970.2	3002.2	3130.3	3258.3	3130.3	3002.2	2970.2	2482.7	1832.7	1507.7	1297.9
115°	2825.2	2869.7	3047.2	3224.8	3047.2	2869.7	2825.2	2355.7	1729.5	1416.4	1239.7
117.5°	2625.1	2674.3	2871.3	3068.2	2871.3	2674.3	2625.1	2201.2	1636.2	1353.6	1203.4
120°	2490.2	2538.0	2729.4	2920.8	2729.4	2538.0	2490.2	2103.0	1586.7	1328.5	1191.1
122.5°	2355.4	2402.6	2591.3	2780.0	2591.3	2402.6	2355.4	2006.7	1541.7	1309.2	1184.7
125°	2177.0	2220.4	2394.2	2568.1	2394.2	2220.4	2177.0	1880.7	1485.8	1288.3	1179.4
127.5°	2033.7	2070.4	2217.1	2363.8	2217.1	2070.4	2033.7	1779.3	1440.2	1270.6	1176.3
130°	1943.3	1977.1	2112.7	2248.1	2112.7	1977.1	1943.3	1716.9	1415.0	1264.0	1178.2
132.5°	1866.2	1896.5	2017.9	2139.3	2017.9	1896.5	1866.2	1663.5	1393.2	1258.1	1179.4
135°	1757.3	1783.5	1888.1	1992.7	1888.1	1783.5	1757.3	1587.6	1361.2	1248.1	1178.2
137.5°	1676.9	1698.3	1784.0	1869.6	1784.0	1698.3	1676.9	1533.4	1342.1	1246.4	1185.5
140°	1612.5	1632.4	1712.5	1792.5	1712.5	1632.4	1612.5	1488.5	1323.2	1240.5	1186.7
142.5°	1567.2	1584.3	1653.3	1722.1	1653.3	1584.3	1567.2	1458.3	1313.2	1240.5	1191.0
145°	1499.4	1512.4	1564.5	1616.6	1564.5	1512.4	1499.4	1410.3	1291.5	1232.1	1191.0
147.5°	1442.3	1453.2	1496.3	1539.6	1496.3	1453.2	1442.3	1372.2	1278.9	1232.1	1199.2
150°	1409.7	1418.4	1453.4	1488.5	1453.4	1418.4	1409.7	1350.5	1271.6	1232.1	1203.5
152.5°	1383.7	1390.3	1416.7	1443.2	1416.7	1390.3	1383.7	1333.2	1265.8	1232.1	1206.3
155°	1352.7	1357.1	1374.6	1392.1	1374.6	1357.1	1352.7	1312.5	1258.9	1232.1	1212.4
157.5°	1326.0	1329.0	1341.4	1353.6	1341.4	1329.0	1326.0	1294.7	1253.0	1232.1	1218.5
160°	1312.5	1314.3	1321.4	1328.5	1321.4	1314.3	1312.5	1285.8	1250.0	1232.1	1221.3
162.5°	1300.0	1301.7	1308.3	1315.0	1308.3	1301.7	1300.0	1277.3	1247.2	1232.1	1224.3
165°	1280.7	1282.5	1289.5	1296.6	1289.5	1282.5	1280.7	1264.5	1243.0	1232.1	1228.5
167.5°	1272.3	1273.0	1276.1	1279.0	1276.1	1273.0	1272.3	1261.8	1247.6	1240.5	1237.6
170°	1272.3	1272.3	1272.3	1272.3	1272.3	1272.3	1272.3	1261.8	1247.6	1240.5	1240.4
172.5°	1265.6	1265.0	1262.4	1259.8	1262.4	1265.0	1265.6	1257.3	1246.1	1240.5	1240.5
175°	1256.4	1256.4	1256.4	1256.4	1256.4	1256.4	1256.4	1251.1	1244.0	1240.5	1242.2
177.5°	1254.8	1254.1	1251.0	1248.1	1251.0	1254.1	1254.8	1250.6	1244.9	1242.2	1243.5
180°	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1	1248.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	952.0	952.0	952.0	952.0	952.0
2.5°	940.3	944.8	947.5	951.1	960.1
5°	904.3	921.4	926.8	940.3	956.5
7.5°	825.0	877.2	891.6	924.1	949.3
10°	748.5	800.7	825.9	902.5	940.3
12.5°	709.7	740.3	757.4	864.6	927.7
15°	685.4	707.0	719.7	814.2	913.3
17.5°	666.5	681.8	690.8	764.7	893.4
20°	654.7	662.0	670.1	728.6	871.0
22.5°	646.7	642.2	648.5	703.4	840.3
25°	641.3	624.1	631.4	683.6	804.3
27.5°	645.8	607.9	610.7	665.6	766.5
30°	646.7	588.1	589.0	646.7	724.1
32.5°	640.4	567.4	568.3	623.2	676.4
35°	625.0	543.1	542.2	596.3	611.6
37.5°	604.3	517.0	517.0	566.6	540.4
40°	579.1	490.9	493.6	527.8	477.4
42.5°	548.5	463.0	466.5	476.5	430.6
45°	515.2	435.9	438.6	402.6	394.5
47.5°	478.3	408.0	408.9	334.1	382.7
50°	434.1	379.2	375.6	286.4	381.9
52.5°	395.4	347.6	336.8	259.4	346.8
55°	357.6	314.3	290.9	238.7	321.5
57.5°	324.3	271.1	248.6	214.3	316.1
60°	293.6	228.8	211.7	188.2	290.0
62.5°	268.4	197.2	193.7	170.2	263.0
65°	241.4	175.7	174.8	154.9	223.4
67.5°	215.2	161.2	160.4	140.5	170.2
70°	187.3	145.9	144.1	125.2	126.1
72.5°	158.6	128.8	127.0	112.5	104.5
75°	129.7	109.0	108.1	98.2	84.7
77.5°	101.8	86.5	88.3	79.2	62.1
80°	73.0	63.0	64.8	56.8	46.8
82.5°	48.6	41.5	43.2	36.0	31.5
85°	27.0	23.5	24.4	18.9	14.4
87.5°	12.6	10.8	10.8	7.2	4.5
90°	36.9	23.5	21.8	15.1	8.4
92.5°	227.3	161.7	147.5	90.4	33.5
95°	559.3	315.0	288.9	184.6	80.4
97.5°	753.3	345.9	322.9	231.0	139.0
100°	824.0	371.9	351.1	267.7	184.3
102.5°	856.4	397.9	378.4	300.6	222.8
105°	880.4	436.4	419.9	354.0	288.1
107.5°	884.7	493.3	478.0	416.6	355.2
110°	878.1	525.2	511.3	455.9	400.4



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CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	878.4	563.7	550.4	497.6	444.8
115°	886.4	621.5	609.3	560.6	511.8
117.5°	903.0	677.7	666.6	622.2	577.9
120°	916.4	710.3	700.0	658.2	616.5
122.5°	935.6	748.8	738.4	696.3	654.2
125°	961.6	798.3	788.7	750.3	712.0
127.5°	987.5	846.0	836.3	797.5	758.9
130°	1006.6	877.9	867.5	825.7	784.0
132.5°	1021.9	903.8	893.4	851.7	810.0
135°	1038.7	934.0	924.5	886.4	848.5
137.5°	1063.8	972.5	963.1	925.5	887.9
140°	1079.1	998.5	989.8	955.2	920.6
142.5°	1092.0	1017.7	1009.7	977.7	945.6
145°	1108.8	1047.1	1040.1	1012.2	984.2
147.5°	1133.3	1083.9	1077.1	1049.9	1022.7
150°	1146.1	1103.1	1096.9	1072.4	1047.9
152.5°	1154.5	1115.7	1111.1	1092.5	1073.8
155°	1172.9	1143.3	1139.9	1126.1	1112.3
157.5°	1191.4	1171.0	1167.7	1154.2	1140.8
160°	1199.7	1183.5	1180.9	1170.5	1160.1
162.5°	1208.7	1196.9	1195.0	1187.2	1179.4
165°	1221.5	1216.2	1214.4	1207.4	1200.3
167.5°	1231.6	1227.1	1226.3	1222.9	1219.6
170°	1239.9	1239.6	1238.8	1235.4	1232.1
172.5°	1240.5	1240.5	1240.4	1239.6	1238.8
175°	1245.6	1248.1	1248.1	1248.1	1248.1
177.5°	1246.1	1248.1	1248.1	1248.1	1248.1
180°	1248.1	1248.1	1248.1	1248.1	1248.1



TEST NUMBER: P935862
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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	7.75	8.42	8.91	9.56	11.17	10.58	11.24	11.73	12.38	13.99
	3H	8.22	8.81	9.38	9.96	11.58	11.91	12.50	13.07	13.65	15.27
	4H	8.40	8.96	9.57	10.11	11.74	12.34	12.90	13.51	14.06	15.68
	6H	8.50	9.02	9.68	10.18	11.81	12.61	13.13	13.79	14.29	15.92
	8H	8.50	8.99	9.68	10.16	11.79	12.68	13.17	13.86	14.34	15.97
	12H	8.46	8.93	9.65	10.10	11.75	12.71	13.18	13.90	14.34	15.99
4H	2H	8.76	9.32	9.94	10.48	12.10	10.96	11.53	12.14	12.68	14.30
	3H	9.77	10.24	10.95	11.42	13.05	12.45	12.92	13.63	14.10	15.73
	4H	10.04	10.47	11.22	11.63	13.29	12.97	13.40	14.15	14.56	16.22
	6H	10.15	10.52	11.34	11.71	13.35	13.32	13.69	14.51	14.88	16.52
	8H	10.15	10.50	11.34	11.68	13.34	13.42	13.77	14.61	14.94	16.61
	12H	10.11	10.42	11.31	11.61	13.28	13.47	13.78	14.67	14.97	16.64
8H	4H	10.47	10.82	11.66	12.00	13.66	13.07	13.42	14.26	14.60	16.26
	6H	10.73	11.01	11.93	12.23	13.89	13.50	13.79	14.71	15.01	16.67
	8H	10.77	11.01	11.98	12.21	13.89	13.65	13.90	14.86	15.10	16.78
	12H	10.74	10.96	11.96	12.16	13.87	13.74	13.96	14.96	15.15	16.86
12H	4H	10.47	10.78	11.67	11.97	13.64	13.03	13.34	14.23	14.53	16.20
	6H	10.78	11.03	12.00	12.23	13.91	13.50	13.75	14.71	14.94	16.62
	8H	10.84	11.06	12.06	12.26	13.97	13.65	13.87	14.87	15.06	16.77