

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: P935760

Luminaire Tested: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

Issue Date: 12/17/2024

**Test Information**

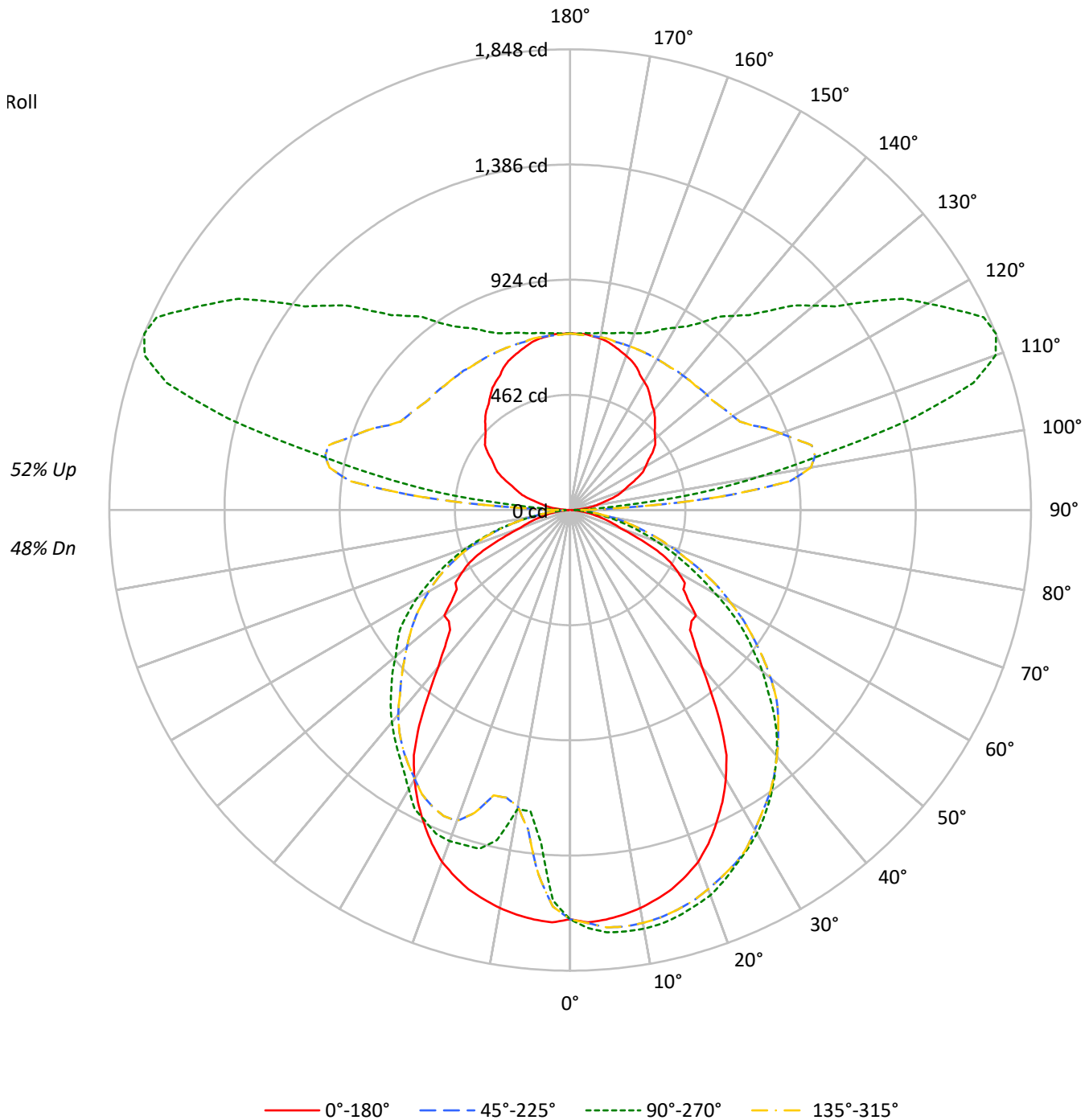
Test Method: LM-79-2019  
Report Number: P935760  
REPORT IS A COMBINATION OF REPORTS P933766 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8848.4 lumens  
Efficiency: N/A  
Efficacy: 117.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 75.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot





TEST NUMBER: P935760

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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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21
6	63	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12

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

	0°	90°	180°	270°
0°	15233	15233	15233	15233
5°	15329	15377	15329	12091
10°	15210	15147	15210	10829
15°	15028	14819	15028	12373
20°	14696	14430	14696	12400
25°	14035	13862	14035	12137
30°	13188	13392	13188	11560
35°	11740	12796	11740	10926
40°	9766	12095	9766	10447
45°	8708	11275	8708	9896
50°	9230	10296	9230	9343
55°	8661	9242	8661	9023
60°	8896	7850	8896	8265
65°	8027	6489	8027	7254
70°	5519	5171	5519	6080
75°	4788	3822	4788	4578
80°	3782	2528	3782	2752
85°	2062	1338	2062	1138

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13373 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	148.2	1.7
10°-20°	420.7	4.8
20°-30°	650.4	7.3
30°-40°	776.4	8.8
40°-50°	780.9	8.8
50°-60°	679.5	7.7
60°-70°	481.8	5.4
70°-80°	254.9	2.9
80°-90°	66.2	0.7
90°-100°	345.1	3.9
100°-110°	907.3	10.3
110°-120°	940.8	10.6
120°-130°	754.6	8.5
130°-140°	592.1	6.7
140°-150°	454.5	5.1
150°-160°	327.3	3.7
160°-170°	200.3	2.3
170°-180°	67.7	0.8
0°-30°	1219.3	13.8
0°-40°	1995.6	22.6
0°-60°	3456.1	39.1
0°-90°	4259.0	48.1
90°-120°	2193.1	24.8
90°-150°	3994.3	45.1
90°-180°	4589.0	51.9
0°-180°	8848.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1642	1642	1642	1642	1642	
5°	1649	1701	1649	1337	1649	156
15°	1575	1685	1575	1407	1575	443
25°	1387	1572	1387	1376	1387	637
35°	1054	1402	1054	1197	1054	652
45°	680	1156	680	1014	680	545
55°	554	853	554	832	554	509
65°	385	514	385	575	385	368
75°	146	244	146	292	146	153
85°	25	62	25	53	25	34
90°	5	18	5	18	5	5
95°	46	209	46	209	46	51
105°	163	1421	163	1421	163	173
115°	290	1829	290	1829	290	287
125°	404	1457	404	1457	404	359
135°	481	1130	481	1130	481	372
145°	558	917	558	917	558	350
155°	631	790	631	790	631	290
165°	681	736	681	736	681	192
175°	708	713	708	713	708	67
180°	708	708	708	708	708	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1655.5	1655.5	1664.9	1668.0	1668.0	1663.3	1658.6	1663.3	1677.3	1682.0	1680.4
5°	1649.3	1661.8	1678.8	1682.0	1685.1	1683.5	1680.4	1683.5	1699.0	1702.1	1703.7
7.5°	1636.9	1660.2	1682.0	1686.6	1691.2	1686.6	1685.1	1688.2	1703.7	1706.8	1706.8
10°	1621.4	1654.0	1678.8	1682.0	1686.6	1682.0	1682.0	1688.2	1703.7	1706.8	1708.4
12.5°	1599.6	1644.7	1668.0	1671.0	1677.3	1675.7	1674.2	1680.4	1695.9	1699.0	1699.0
15°	1574.8	1627.6	1649.3	1652.4	1663.3	1660.2	1660.2	1666.4	1683.5	1688.2	1686.6
17.5°	1540.6	1605.9	1630.7	1635.3	1643.1	1641.6	1643.1	1649.3	1664.9	1668.0	1669.5
20°	1501.8	1576.3	1605.9	1610.5	1618.3	1618.3	1618.3	1626.1	1641.6	1647.8	1647.8
22.5°	1448.9	1545.3	1576.3	1579.4	1588.7	1588.7	1591.8	1602.8	1616.7	1618.3	1618.3
25°	1386.8	1511.1	1537.5	1546.9	1556.1	1560.8	1565.5	1571.6	1576.3	1574.8	1576.3
27.5°	1321.7	1467.6	1501.8	1508.0	1520.4	1525.1	1531.3	1532.8	1534.4	1539.1	1535.9
30°	1248.6	1407.0	1458.3	1464.5	1484.7	1487.8	1481.6	1484.7	1492.4	1495.6	1498.7
32.5°	1166.3	1317.0	1413.3	1427.2	1445.9	1436.6	1435.0	1439.7	1452.1	1452.1	1455.2
35°	1054.5	1247.1	1371.3	1383.8	1397.7	1386.8	1393.1	1394.6	1402.4	1407.0	1405.5
37.5°	931.8	1186.5	1327.8	1337.2	1348.0	1334.1	1343.4	1348.0	1354.2	1351.1	1351.1
40°	823.1	1091.8	1276.6	1282.8	1292.1	1281.3	1290.6	1293.7	1296.8	1293.7	1292.1
42.5°	742.3	987.7	1222.3	1230.0	1223.7	1231.5	1234.7	1240.9	1236.2	1230.0	1230.0
45°	680.2	959.8	1163.2	1172.5	1163.2	1175.7	1180.3	1180.3	1166.3	1163.2	1161.7
47.5°	660.0	903.8	1104.2	1104.2	1099.6	1115.1	1122.8	1112.0	1098.0	1093.3	1093.3
50°	658.4	841.7	1023.4	1017.3	1039.0	1057.6	1049.8	1039.0	1028.1	1011.0	1011.0
52.5°	597.9	765.6	919.4	942.7	976.9	987.7	975.3	964.4	945.8	938.1	931.8
55°	554.5	686.4	824.6	871.3	907.0	920.9	897.7	886.8	858.9	854.2	851.1
57.5°	545.1	571.5	737.7	796.7	840.1	838.7	824.6	804.5	781.1	776.6	775.0
60°	500.1	413.1	644.5	714.4	759.4	754.8	742.3	723.7	701.9	698.8	695.8
62.5°	453.5	299.7	538.9	618.1	681.8	680.2	669.4	641.4	625.9	618.1	611.9
65°	385.2	251.6	383.6	514.1	605.7	608.8	585.5	565.3	548.2	538.9	537.3
67.5°	293.5	205.0	259.3	428.7	532.7	529.6	500.1	490.8	469.0	464.4	455.1
70°	217.4	136.6	180.1	347.9	461.2	453.5	430.2	419.3	399.1	388.3	382.0
72.5°	180.1	110.3	132.0	270.3	388.3	378.9	358.7	346.3	329.3	319.9	313.7
75°	146.0	116.5	100.9	200.3	315.2	309.1	290.5	278.0	264.0	251.6	253.1
77.5°	107.2	108.7	80.8	147.6	250.1	240.7	229.9	214.3	208.1	195.7	195.7
80°	80.8	85.4	60.6	100.9	180.1	180.1	170.9	160.0	149.1	142.9	142.9
82.5°	54.3	54.3	45.1	63.7	122.7	118.0	111.8	108.7	102.5	99.4	99.4
85°	24.9	31.0	28.0	38.8	66.8	69.9	69.9	66.8	65.2	62.1	63.7
87.5°	7.8	13.9	17.1	21.7	34.1	35.7	37.3	37.3	37.3	38.8	38.8
90°	4.8	8.5	12.4	13.3	20.9	31.0	36.1	32.0	24.0	18.1	18.1
92.5°	19.0	51.3	83.6	91.7	128.9	178.6	203.4	178.2	128.0	90.3	86.7
95°	45.6	104.7	163.9	178.7	317.2	502.0	594.4	530.4	402.5	306.5	295.6
97.5°	78.8	131.0	183.2	196.2	427.3	735.3	889.4	849.0	768.1	707.5	686.8
100°	104.5	151.9	199.1	211.0	467.4	809.2	980.2	983.1	989.1	993.5	968.8
102.5°	126.4	170.5	214.6	225.7	485.7	832.5	1005.9	1057.5	1160.5	1237.8	1216.7
105°	163.4	200.9	238.2	247.6	499.4	835.2	1003.0	1118.6	1349.6	1522.8	1511.4
107.5°	201.4	236.3	271.2	279.9	502.0	798.0	946.1	1107.2	1429.4	1671.0	1673.8
110°	227.1	258.6	290.0	297.9	498.1	765.1	898.5	1078.7	1438.9	1709.1	1721.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	252.3	282.3	312.2	319.7	498.2	736.3	855.3	1039.7	1408.4	1684.9	1703.1
115°	290.3	318.0	345.7	352.6	502.9	703.2	803.4	981.0	1336.3	1602.7	1627.8
117.5°	327.9	353.0	378.2	384.4	512.3	682.7	767.8	928.1	1248.6	1489.1	1516.9
120°	349.7	373.4	397.1	403.0	519.9	675.7	753.6	900.1	1192.9	1412.6	1439.8
122.5°	371.1	395.0	418.8	424.8	530.8	672.0	742.7	874.6	1138.3	1336.1	1362.9
125°	403.9	425.6	447.4	452.8	545.5	669.0	730.8	842.8	1066.8	1234.9	1259.5
127.5°	430.5	452.4	474.4	479.9	560.2	667.3	720.8	816.9	1009.4	1153.6	1174.5
130°	444.7	468.4	492.1	497.9	571.0	668.4	717.0	802.6	973.9	1102.3	1121.5
132.5°	459.5	483.2	506.8	512.7	579.7	669.0	713.7	790.3	943.7	1058.7	1075.8
135°	481.3	502.9	524.4	529.8	589.2	668.4	708.0	772.2	900.6	996.9	1011.8
137.5°	503.6	524.9	546.3	551.6	603.4	672.5	707.0	761.2	869.8	951.2	963.3
140°	522.2	541.8	561.4	566.4	612.2	673.2	703.7	750.6	844.4	914.7	926.0
142.5°	536.4	554.6	572.7	577.3	619.4	675.6	703.7	744.9	827.2	889.0	898.7
145°	558.3	574.1	590.0	593.9	628.9	675.6	698.9	732.6	800.0	850.5	858.0
147.5°	580.2	595.6	611.0	614.9	642.8	680.2	698.9	725.4	778.5	818.2	824.4
150°	594.4	608.3	622.3	625.8	650.2	682.7	698.9	721.3	766.1	799.7	804.6
152.5°	609.2	619.7	630.3	632.9	655.0	684.2	698.9	718.0	756.3	784.9	788.7
155°	631.0	638.8	646.6	648.5	665.3	687.7	698.9	714.2	744.5	767.4	769.9
157.5°	647.2	654.8	662.3	664.2	675.8	691.2	698.9	710.8	734.4	752.1	753.9
160°	658.1	664.0	669.9	671.4	680.6	692.8	698.9	709.0	729.3	744.5	745.5
162.5°	669.0	673.4	677.9	679.0	685.6	694.5	698.9	707.5	724.6	737.5	738.4
165°	680.8	684.9	688.9	689.9	693.0	696.9	698.9	705.1	717.3	726.4	727.5
167.5°	691.9	693.7	695.6	696.1	698.6	702.0	703.7	707.7	715.7	721.8	722.2
170°	698.9	700.8	702.8	703.2	703.4	703.6	703.7	707.7	715.7	721.8	721.8
172.5°	702.8	703.1	703.6	703.7	703.7	703.7	703.7	706.8	713.1	717.9	717.5
175°	708.0	708.0	708.0	708.0	706.5	704.6	703.7	705.7	709.7	712.7	712.7
177.5°	708.0	708.0	708.0	708.0	706.9	705.3	704.6	706.2	709.4	711.8	711.3
180°	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1683.5	1678.8	1683.5	1680.4	1682.0	1677.3	1663.3	1658.6	1663.3	1668.0	1668.0
5°	1703.7	1700.6	1703.7	1703.7	1702.1	1699.0	1683.5	1680.4	1683.5	1685.1	1682.0
7.5°	1709.8	1705.3	1709.8	1706.8	1706.8	1703.7	1688.2	1685.1	1686.6	1691.2	1686.6
10°	1709.8	1705.3	1709.8	1708.4	1706.8	1703.7	1688.2	1682.0	1682.0	1686.6	1682.0
12.5°	1702.1	1699.0	1702.1	1699.0	1699.0	1695.9	1680.4	1674.2	1675.7	1677.3	1671.0
15°	1689.7	1685.1	1689.7	1686.6	1688.2	1683.5	1666.4	1660.2	1660.2	1663.3	1652.4
17.5°	1671.0	1664.9	1671.0	1669.5	1668.0	1664.9	1649.3	1643.1	1641.6	1643.1	1635.3
20°	1649.3	1644.7	1649.3	1647.8	1647.8	1641.6	1626.1	1618.3	1618.3	1618.3	1610.5
22.5°	1615.1	1610.5	1615.1	1618.3	1618.3	1616.7	1602.8	1591.8	1588.7	1588.7	1579.4
25°	1576.3	1571.6	1576.3	1576.3	1574.8	1576.3	1571.6	1565.5	1560.8	1556.1	1546.9
27.5°	1539.1	1535.9	1539.1	1535.9	1539.1	1534.4	1532.8	1531.3	1525.1	1520.4	1508.0
30°	1501.8	1498.7	1501.8	1498.7	1495.6	1492.4	1484.7	1481.6	1487.8	1484.7	1464.5
32.5°	1455.2	1452.1	1455.2	1455.2	1452.1	1452.1	1439.7	1435.0	1436.6	1445.9	1427.2
35°	1407.0	1402.4	1407.0	1405.5	1407.0	1402.4	1394.6	1393.1	1386.8	1397.7	1383.8
37.5°	1351.1	1346.4	1351.1	1351.1	1351.1	1354.2	1348.0	1343.4	1334.1	1348.0	1337.2
40°	1293.7	1287.4	1293.7	1292.1	1293.7	1296.8	1293.7	1290.6	1281.3	1292.1	1282.8
42.5°	1228.4	1226.9	1228.4	1230.0	1230.0	1236.2	1240.9	1234.7	1231.5	1223.7	1230.0
45°	1158.6	1155.5	1158.6	1161.7	1163.2	1166.3	1180.3	1180.3	1175.7	1163.2	1172.5
47.5°	1084.0	1076.3	1084.0	1093.3	1093.3	1098.0	1112.0	1122.8	1115.1	1099.6	1104.2
50°	1004.8	1006.3	1004.8	1011.0	1011.0	1028.1	1039.0	1049.8	1057.6	1039.0	1017.3
52.5°	927.1	925.6	927.1	931.8	938.1	945.8	964.4	975.3	987.7	976.9	942.7
55°	849.5	852.6	849.5	851.1	854.2	858.9	886.8	897.7	920.9	907.0	871.3
57.5°	771.9	767.2	771.9	775.0	776.6	781.1	804.5	824.6	838.7	840.1	796.7
60°	681.8	675.6	681.8	695.8	698.8	701.9	723.7	742.3	754.8	759.4	714.4
62.5°	602.6	591.7	602.6	611.9	618.1	625.9	641.4	669.4	680.2	681.8	618.1
65°	518.7	514.1	518.7	537.3	538.9	548.2	565.3	585.5	608.8	605.7	514.1
67.5°	442.6	442.6	442.6	455.1	464.4	469.0	490.8	500.1	529.6	532.7	428.7
70°	372.8	371.2	372.8	382.0	388.3	399.1	419.3	430.2	453.5	461.2	347.9
72.5°	306.0	304.4	306.0	313.7	319.9	329.3	346.3	358.7	378.9	388.3	270.3
75°	247.0	243.8	247.0	253.1	251.6	264.0	278.0	290.5	309.1	315.2	200.3
77.5°	189.5	189.5	189.5	195.7	195.7	208.1	214.3	229.9	240.7	250.1	147.6
80°	141.3	139.8	141.3	142.9	142.9	149.1	160.0	170.9	180.1	180.1	100.9
82.5°	99.4	96.3	99.4	99.4	99.4	102.5	108.7	111.8	118.0	122.7	63.7
85°	62.1	62.1	62.1	63.7	62.1	65.2	66.8	69.9	69.9	66.8	38.8
87.5°	40.4	38.8	40.4	38.8	38.8	37.3	37.3	37.3	35.7	34.1	21.7
90°	18.1	18.1	18.1	18.1	18.1	24.0	32.0	36.1	31.0	20.9	13.3
92.5°	72.3	58.0	72.3	86.7	90.3	128.0	178.2	203.4	178.6	128.9	91.7
95°	252.1	208.6	252.1	295.6	306.5	402.5	530.4	594.4	502.0	317.2	178.7
97.5°	604.0	521.3	604.0	686.8	707.5	768.1	849.0	889.4	735.3	427.3	196.2
100°	870.3	771.6	870.3	968.8	993.5	989.1	983.1	980.2	809.2	467.4	211.0
102.5°	1132.2	1047.7	1132.2	1216.7	1237.8	1160.5	1057.5	1005.9	832.5	485.7	225.7
105°	1466.1	1420.7	1466.1	1511.4	1522.8	1349.6	1118.6	1003.0	835.2	499.4	247.6
107.5°	1684.8	1695.8	1684.8	1673.8	1671.0	1429.4	1107.2	946.1	798.0	502.0	279.9
110°	1768.2	1815.5	1768.2	1721.0	1709.1	1438.9	1078.7	898.5	765.1	498.1	297.9





TEST NUMBER: P935760

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1775.6	1848.3	1775.6	1703.1	1684.9	1408.4	1039.7	855.3	736.3	498.2	319.7
115°	1728.6	1829.3	1728.6	1627.8	1602.7	1336.3	981.0	803.4	703.2	502.9	352.6
117.5°	1628.7	1740.4	1628.7	1516.9	1489.1	1248.6	928.1	767.8	682.7	512.3	384.4
120°	1548.2	1656.8	1548.2	1439.8	1412.6	1192.9	900.1	753.6	675.7	519.9	403.0
122.5°	1469.9	1577.0	1469.9	1362.9	1336.1	1138.3	874.6	742.7	672.0	530.8	424.8
125°	1358.1	1456.7	1358.1	1259.5	1234.9	1066.8	842.8	730.8	669.0	545.5	452.8
127.5°	1257.6	1340.8	1257.6	1174.5	1153.6	1009.4	816.9	720.8	667.3	560.2	479.9
130°	1198.4	1275.3	1198.4	1121.5	1102.3	973.9	802.6	717.0	668.4	571.0	497.9
132.5°	1144.6	1213.5	1144.6	1075.8	1058.7	943.7	790.3	713.7	669.0	579.7	512.7
135°	1071.0	1130.3	1071.0	1011.8	996.9	900.6	772.2	708.0	668.4	589.2	529.8
137.5°	1011.9	1060.5	1011.9	963.3	951.2	869.8	761.2	707.0	672.5	603.4	551.6
140°	971.4	1016.8	971.4	926.0	914.7	844.4	750.6	703.7	673.2	612.2	566.4
142.5°	937.8	976.9	937.8	898.7	889.0	827.2	744.9	703.7	675.6	619.4	577.3
145°	887.5	917.1	887.5	858.0	850.5	800.0	732.6	698.9	675.6	628.9	593.9
147.5°	848.8	873.3	848.8	824.4	818.2	778.5	725.4	698.9	680.2	642.8	614.9
150°	824.5	844.4	824.5	804.6	799.7	766.1	721.3	698.9	682.7	650.2	625.8
152.5°	803.6	818.7	803.6	788.7	784.9	756.3	718.0	698.9	684.2	655.0	632.9
155°	779.8	789.7	779.8	769.9	767.4	744.5	714.2	698.9	687.7	665.3	648.5
157.5°	760.9	767.8	760.9	753.9	752.1	734.4	710.8	698.9	691.2	675.8	664.2
160°	749.6	753.6	749.6	745.5	744.5	729.3	709.0	698.9	692.8	680.6	671.4
162.5°	742.2	746.0	742.2	738.4	737.5	724.6	707.5	698.9	694.5	685.6	679.0
165°	731.5	735.5	731.5	727.5	726.4	717.3	705.1	698.9	696.9	693.0	689.9
167.5°	723.9	725.5	723.9	722.2	721.8	715.7	707.7	703.7	702.0	698.6	696.1
170°	721.8	721.8	721.8	721.8	721.8	715.7	707.7	703.7	703.6	703.4	703.2
172.5°	716.1	714.6	716.1	717.5	717.9	713.1	706.8	703.7	703.7	703.7	703.7
175°	712.7	712.7	712.7	712.7	712.7	709.7	705.7	703.7	704.6	706.5	708.0
177.5°	709.7	708.0	709.7	711.3	711.8	709.4	706.2	704.6	705.3	706.9	708.0
180°	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0



TEST NUMBER: P935760

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1664.9	1655.5	1655.5	1640.0	1633.8	1629.1	1621.4	1598.1	1591.8	1585.7	1595.0
5°	1678.8	1661.8	1649.3	1621.4	1598.1	1588.7	1559.3	1503.4	1466.1	1438.1	1422.6
7.5°	1682.0	1660.2	1636.9	1593.4	1537.5	1512.6	1422.6	1320.1	1292.1	1267.2	1251.7
10°	1678.8	1654.0	1621.4	1556.1	1424.2	1380.7	1290.6	1223.7	1206.7	1202.1	1206.7
12.5°	1668.0	1644.7	1599.6	1490.9	1306.1	1276.6	1223.7	1184.9	1181.9	1189.6	1231.5
15°	1649.3	1627.6	1574.8	1404.0	1240.9	1219.2	1181.9	1167.9	1184.9	1239.3	1365.2
17.5°	1630.7	1605.9	1540.6	1318.5	1191.2	1175.7	1149.2	1177.2	1273.5	1346.4	1388.4
20°	1605.9	1576.3	1501.8	1256.4	1155.5	1141.5	1129.0	1254.9	1327.8	1354.2	1377.6
22.5°	1576.3	1545.3	1448.9	1212.9	1118.2	1107.3	1115.1	1298.4	1327.8	1346.4	1366.6
25°	1537.5	1511.1	1386.8	1178.8	1088.7	1076.3	1105.7	1293.7	1310.7	1315.4	1355.8
27.5°	1501.8	1467.6	1321.7	1147.7	1053.0	1048.3	1113.5	1273.5	1285.9	1290.6	1334.1
30°	1458.3	1407.0	1248.6	1115.1	1015.7	1014.1	1115.1	1248.6	1245.5	1258.0	1301.5
32.5°	1413.3	1317.0	1166.3	1074.7	980.0	978.4	1104.2	1211.4	1208.2	1225.3	1258.0
35°	1371.3	1247.1	1054.5	1028.1	934.9	936.5	1077.8	1167.9	1169.4	1184.9	1205.1
37.5°	1327.8	1186.5	931.8	976.9	891.4	891.4	1042.0	1127.5	1124.4	1129.0	1157.0
40°	1276.6	1091.8	823.1	910.1	851.1	846.4	998.6	1084.0	1073.2	1071.6	1110.4
42.5°	1222.3	987.7	742.3	821.5	804.5	798.3	945.8	1031.2	1011.0	1015.7	1065.4
45°	1163.2	959.8	680.2	694.2	756.4	751.7	888.3	970.6	956.7	969.1	1020.4
47.5°	1104.2	903.8	660.0	576.2	705.1	703.5	824.6	911.6	903.8	916.3	970.6
50°	1023.4	841.7	658.4	493.9	647.6	653.9	748.6	854.2	854.2	865.0	922.5
52.5°	919.4	765.6	597.9	447.3	580.8	599.4	681.8	804.5	807.6	818.5	869.7
55°	824.6	686.4	554.5	411.6	501.6	542.0	616.6	753.2	759.4	770.3	816.9
57.5°	737.7	571.5	545.1	369.6	428.7	467.5	559.1	703.5	706.6	716.0	761.0
60°	644.5	413.1	500.1	324.6	365.0	394.4	506.3	644.5	655.4	661.6	700.4
62.5°	538.9	299.7	453.5	293.5	333.9	340.1	462.8	588.6	602.6	607.2	630.5
65°	383.6	251.6	385.2	267.1	301.3	302.8	416.2	531.2	543.6	551.4	568.4
67.5°	259.3	205.0	293.5	242.3	276.4	278.0	371.2	464.4	481.4	487.7	498.5
70°	180.1	136.6	217.4	215.8	248.5	251.6	323.0	403.8	419.3	424.0	430.2
72.5°	132.0	110.3	180.1	194.1	219.0	222.1	273.3	335.4	351.0	355.6	358.7
75°	100.9	116.5	146.0	169.3	186.4	187.9	223.6	273.3	284.2	287.3	288.9
77.5°	80.8	108.7	107.2	136.6	152.2	149.1	175.5	211.3	220.5	220.5	220.5
80°	60.6	85.4	80.8	97.8	111.8	108.7	125.8	150.7	153.7	156.8	155.3
82.5°	45.1	54.3	54.3	62.1	74.5	71.4	83.9	97.8	97.8	97.8	100.9
85°	28.0	31.0	24.9	32.6	41.9	40.4	46.6	52.8	54.3	54.3	51.2
87.5°	17.1	13.9	7.8	12.4	18.6	18.6	21.7	23.3	21.7	21.7	21.7
90°	12.4	8.5	4.8	8.5	12.4	13.3	20.9	31.0	36.1	32.0	24.0
92.5°	83.6	51.3	19.0	51.3	83.6	91.7	128.9	178.6	203.4	178.2	128.0
95°	163.9	104.7	45.6	104.7	163.9	178.7	317.2	502.0	594.4	530.4	402.5
97.5°	183.2	131.0	78.8	131.0	183.2	196.2	427.3	735.3	889.4	849.0	768.1
100°	199.1	151.9	104.5	151.9	199.1	211.0	467.4	809.2	980.2	983.1	989.1
102.5°	214.6	170.5	126.4	170.5	214.6	225.7	485.7	832.5	1005.9	1057.5	1160.5
105°	238.2	200.9	163.4	200.9	238.2	247.6	499.4	835.2	1003.0	1118.6	1349.6
107.5°	271.2	236.3	201.4	236.3	271.2	279.9	502.0	798.0	946.1	1107.2	1429.4
110°	290.0	258.6	227.1	258.6	290.0	297.9	498.1	765.1	898.5	1078.7	1438.9



TEST NUMBER: P935760

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	312.2	282.3	252.3	282.3	312.2	319.7	498.2	736.3	855.3	1039.7	1408.4
115°	345.7	318.0	290.3	318.0	345.7	352.6	502.9	703.2	803.4	981.0	1336.3
117.5°	378.2	353.0	327.9	353.0	378.2	384.4	512.3	682.7	767.8	928.1	1248.6
120°	397.1	373.4	349.7	373.4	397.1	403.0	519.9	675.7	753.6	900.1	1192.9
122.5°	418.8	395.0	371.1	395.0	418.8	424.8	530.8	672.0	742.7	874.6	1138.3
125°	447.4	425.6	403.9	425.6	447.4	452.8	545.5	669.0	730.8	842.8	1066.8
127.5°	474.4	452.4	430.5	452.4	474.4	479.9	560.2	667.3	720.8	816.9	1009.4
130°	492.1	468.4	444.7	468.4	492.1	497.9	571.0	668.4	717.0	802.6	973.9
132.5°	506.8	483.2	459.5	483.2	506.8	512.7	579.7	669.0	713.7	790.3	943.7
135°	524.4	502.9	481.3	502.9	524.4	529.8	589.2	668.4	708.0	772.2	900.6
137.5°	546.3	524.9	503.6	524.9	546.3	551.6	603.4	672.5	707.0	761.2	869.8
140°	561.4	541.8	522.2	541.8	561.4	566.4	612.2	673.2	703.7	750.6	844.4
142.5°	572.7	554.6	536.4	554.6	572.7	577.3	619.4	675.6	703.7	744.9	827.2
145°	590.0	574.1	558.3	574.1	590.0	593.9	628.9	675.6	698.9	732.6	800.0
147.5°	611.0	595.6	580.2	595.6	611.0	614.9	642.8	680.2	698.9	725.4	778.5
150°	622.3	608.3	594.4	608.3	622.3	625.8	650.2	682.7	698.9	721.3	766.1
152.5°	630.3	619.7	609.2	619.7	630.3	632.9	655.0	684.2	698.9	718.0	756.3
155°	646.6	638.8	631.0	638.8	646.6	648.5	665.3	687.7	698.9	714.2	744.5
157.5°	662.3	654.8	647.2	654.8	662.3	664.2	675.8	691.2	698.9	710.8	734.4
160°	669.9	664.0	658.1	664.0	669.9	671.4	680.6	692.8	698.9	709.0	729.3
162.5°	677.9	673.4	669.0	673.4	677.9	679.0	685.6	694.5	698.9	707.5	724.6
165°	688.9	684.9	680.8	684.9	688.9	689.9	693.0	696.9	698.9	705.1	717.3
167.5°	695.6	693.7	691.9	693.7	695.6	696.1	698.6	702.0	703.7	707.7	715.7
170°	702.8	700.8	698.9	700.8	702.8	703.2	703.4	703.6	703.7	707.7	715.7
172.5°	703.6	703.1	702.8	703.1	703.6	703.7	703.7	703.7	703.7	706.8	713.1
175°	708.0	708.0	708.0	708.0	708.0	708.0	706.5	704.6	703.7	705.7	709.7
177.5°	708.0	708.0	708.0	708.0	708.0	708.0	706.9	705.3	704.6	706.2	709.4
180°	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0



TEST NUMBER: P935760

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1584.1	1579.4	1585.7	1568.5	1585.7	1579.4	1584.1	1595.0	1585.7	1591.8	1598.1
5°	1389.9	1382.2	1357.4	1337.2	1357.4	1382.2	1389.9	1422.6	1438.1	1466.1	1503.4
7.5°	1242.5	1236.2	1230.0	1217.6	1230.0	1236.2	1242.5	1251.7	1267.2	1292.1	1320.1
10°	1209.8	1211.4	1220.7	1219.2	1220.7	1211.4	1209.8	1206.7	1202.1	1206.7	1223.7
12.5°	1293.7	1307.6	1358.9	1355.8	1358.9	1307.6	1293.7	1231.5	1189.6	1181.9	1184.9
15°	1389.9	1394.6	1405.5	1407.0	1405.5	1394.6	1389.9	1365.2	1239.3	1184.9	1167.9
17.5°	1399.3	1400.9	1408.6	1408.6	1408.6	1400.9	1399.3	1388.4	1346.4	1273.5	1177.2
20°	1391.5	1394.6	1410.1	1413.3	1410.1	1394.6	1391.5	1377.6	1354.2	1327.8	1254.9
22.5°	1388.4	1394.6	1407.0	1405.5	1407.0	1394.6	1388.4	1366.6	1346.4	1327.8	1298.4
25°	1372.9	1372.9	1374.4	1376.0	1374.4	1372.9	1372.9	1355.8	1315.4	1310.7	1293.7
27.5°	1340.3	1343.4	1352.7	1351.1	1352.7	1343.4	1340.3	1334.1	1290.6	1285.9	1273.5
30°	1310.7	1307.6	1299.9	1293.7	1299.9	1307.6	1310.7	1301.5	1258.0	1245.5	1248.6
32.5°	1261.1	1253.3	1245.5	1240.9	1245.5	1253.3	1261.1	1258.0	1225.3	1208.2	1211.4
35°	1202.1	1203.6	1202.1	1197.4	1202.1	1203.6	1202.1	1205.1	1184.9	1169.4	1167.9
37.5°	1160.2	1163.2	1161.7	1155.5	1161.7	1163.2	1160.2	1157.0	1129.0	1124.4	1127.5
40°	1116.7	1118.2	1116.7	1112.0	1116.7	1118.2	1116.7	1110.4	1071.6	1073.2	1084.0
42.5°	1074.7	1073.2	1068.5	1065.4	1068.5	1073.2	1074.7	1065.4	1015.7	1011.0	1031.2
45°	1026.5	1028.1	1018.8	1014.1	1018.8	1028.1	1026.5	1020.4	969.1	956.7	970.6
47.5°	978.4	978.4	970.6	966.0	970.6	978.4	978.4	970.6	916.3	903.8	911.6
50°	927.1	925.6	914.8	913.2	914.8	925.6	927.1	922.5	865.0	854.2	854.2
52.5°	868.1	868.1	869.7	872.8	869.7	868.1	868.1	869.7	818.5	807.6	804.5
55°	816.9	818.5	829.3	832.4	829.3	818.5	816.9	816.9	770.3	759.4	753.2
57.5°	764.1	764.1	771.9	771.9	771.9	764.1	764.1	761.0	716.0	706.6	703.5
60°	703.5	706.6	712.9	711.3	712.9	706.6	703.5	700.4	661.6	655.4	644.5
62.5°	639.8	642.9	644.5	641.4	644.5	642.9	639.8	630.5	607.2	602.6	588.6
65°	573.1	576.2	577.7	574.7	577.7	576.2	573.1	568.4	551.4	543.6	531.2
67.5°	504.7	503.2	501.6	507.9	501.6	503.2	504.7	498.5	487.7	481.4	464.4
70°	434.8	434.8	433.3	436.4	433.3	434.8	434.8	430.2	424.0	419.3	403.8
72.5°	360.3	358.7	365.0	360.3	365.0	358.7	360.3	358.7	355.6	351.0	335.4
75°	287.3	290.5	287.3	292.0	287.3	290.5	287.3	288.9	287.3	284.2	273.3
77.5°	219.0	222.1	219.0	219.0	219.0	222.1	219.0	220.5	220.5	220.5	211.3
80°	155.3	153.7	153.7	152.2	153.7	153.7	155.3	155.3	156.8	153.7	150.7
82.5°	99.4	97.8	97.8	100.9	97.8	97.8	99.4	100.9	97.8	97.8	97.8
85°	54.3	55.9	52.8	52.8	52.8	55.9	54.3	51.2	54.3	54.3	52.8
87.5°	20.2	18.6	18.6	18.6	18.6	18.6	20.2	21.7	21.7	21.7	23.3
90°	18.1	18.1	18.1	18.1	18.1	18.1	18.1	24.0	32.0	36.1	31.0
92.5°	90.3	86.7	72.3	58.0	72.3	86.7	90.3	128.0	178.2	203.4	178.6
95°	306.5	295.6	252.1	208.6	252.1	295.6	306.5	402.5	530.4	594.4	502.0
97.5°	707.5	686.8	604.0	521.3	604.0	686.8	707.5	768.1	849.0	889.4	735.3
100°	993.5	968.8	870.3	771.6	870.3	968.8	993.5	989.1	983.1	980.2	809.2
102.5°	1237.8	1216.7	1132.2	1047.7	1132.2	1216.7	1237.8	1160.5	1057.5	1005.9	832.5
105°	1522.8	1511.4	1466.1	1420.7	1466.1	1511.4	1522.8	1349.6	1118.6	1003.0	835.2
107.5°	1671.0	1673.8	1684.8	1695.8	1684.8	1673.8	1671.0	1429.4	1107.2	946.1	798.0
110°	1709.1	1721.0	1768.2	1815.5	1768.2	1721.0	1709.1	1438.9	1078.7	898.5	765.1



TEST NUMBER: P935760

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1684.9	1703.1	1775.6	1848.3	1775.6	1703.1	1684.9	1408.4	1039.7	855.3	736.3
115°	1602.7	1627.8	1728.6	1829.3	1728.6	1627.8	1602.7	1336.3	981.0	803.4	703.2
117.5°	1489.1	1516.9	1628.7	1740.4	1628.7	1516.9	1489.1	1248.6	928.1	767.8	682.7
120°	1412.6	1439.8	1548.2	1656.8	1548.2	1439.8	1412.6	1192.9	900.1	753.6	675.7
122.5°	1336.1	1362.9	1469.9	1577.0	1469.9	1362.9	1336.1	1138.3	874.6	742.7	672.0
125°	1234.9	1259.5	1358.1	1456.7	1358.1	1259.5	1234.9	1066.8	842.8	730.8	669.0
127.5°	1153.6	1174.5	1257.6	1340.8	1257.6	1174.5	1153.6	1009.4	816.9	720.8	667.3
130°	1102.3	1121.5	1198.4	1275.3	1198.4	1121.5	1102.3	973.9	802.6	717.0	668.4
132.5°	1058.7	1075.8	1144.6	1213.5	1144.6	1075.8	1058.7	943.7	790.3	713.7	669.0
135°	996.9	1011.8	1071.0	1130.3	1071.0	1011.8	996.9	900.6	772.2	708.0	668.4
137.5°	951.2	963.3	1011.9	1060.5	1011.9	963.3	951.2	869.8	761.2	707.0	672.5
140°	914.7	926.0	971.4	1016.8	971.4	926.0	914.7	844.4	750.6	703.7	673.2
142.5°	889.0	898.7	937.8	976.9	937.8	898.7	889.0	827.2	744.9	703.7	675.6
145°	850.5	858.0	887.5	917.1	887.5	858.0	850.5	800.0	732.6	698.9	675.6
147.5°	818.2	824.4	848.8	873.3	848.8	824.4	818.2	778.5	725.4	698.9	680.2
150°	799.7	804.6	824.5	844.4	824.5	804.6	799.7	766.1	721.3	698.9	682.7
152.5°	784.9	788.7	803.6	818.7	803.6	788.7	784.9	756.3	718.0	698.9	684.2
155°	767.4	769.9	779.8	789.7	779.8	769.9	767.4	744.5	714.2	698.9	687.7
157.5°	752.1	753.9	760.9	767.8	760.9	753.9	752.1	734.4	710.8	698.9	691.2
160°	744.5	745.5	749.6	753.6	749.6	745.5	744.5	729.3	709.0	698.9	692.8
162.5°	737.5	738.4	742.2	746.0	742.2	738.4	737.5	724.6	707.5	698.9	694.5
165°	726.4	727.5	731.5	735.5	731.5	727.5	726.4	717.3	705.1	698.9	696.9
167.5°	721.8	722.2	723.9	725.5	723.9	722.2	721.8	715.7	707.7	703.7	702.0
170°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	715.7	707.7	703.7	703.6
172.5°	717.9	717.5	716.1	714.6	716.1	717.5	717.9	713.1	706.8	703.7	703.7
175°	712.7	712.7	712.7	712.7	712.7	712.7	712.7	709.7	705.7	703.7	704.6
177.5°	711.8	711.3	709.7	708.0	709.7	711.3	711.8	709.4	706.2	704.6	705.3
180°	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0	708.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1621.4	1629.1	1633.8	1640.0	1655.5
5°	1559.3	1588.7	1598.1	1621.4	1649.3
7.5°	1422.6	1512.6	1537.5	1593.4	1636.9
10°	1290.6	1380.7	1424.2	1556.1	1621.4
12.5°	1223.7	1276.6	1306.1	1490.9	1599.6
15°	1181.9	1219.2	1240.9	1404.0	1574.8
17.5°	1149.2	1175.7	1191.2	1318.5	1540.6
20°	1129.0	1141.5	1155.5	1256.4	1501.8
22.5°	1115.1	1107.3	1118.2	1212.9	1448.9
25°	1105.7	1076.3	1088.7	1178.8	1386.8
27.5°	1113.5	1048.3	1053.0	1147.7	1321.7
30°	1115.1	1014.1	1015.7	1115.1	1248.6
32.5°	1104.2	978.4	980.0	1074.7	1166.3
35°	1077.8	936.5	934.9	1028.1	1054.5
37.5°	1042.0	891.4	891.4	976.9	931.8
40°	998.6	846.4	851.1	910.1	823.1
42.5°	945.8	798.3	804.5	821.5	742.3
45°	888.3	751.7	756.4	694.2	680.2
47.5°	824.6	703.5	705.1	576.2	660.0
50°	748.6	653.9	647.6	493.9	658.4
52.5°	681.8	599.4	580.8	447.3	597.9
55°	616.6	542.0	501.6	411.6	554.5
57.5°	559.1	467.5	428.7	369.6	545.1
60°	506.3	394.4	365.0	324.6	500.1
62.5°	462.8	340.1	333.9	293.5	453.5
65°	416.2	302.8	301.3	267.1	385.2
67.5°	371.2	278.0	276.4	242.3	293.5
70°	323.0	251.6	248.5	215.8	217.4
72.5°	273.3	222.1	219.0	194.1	180.1
75°	223.6	187.9	186.4	169.3	146.0
77.5°	175.5	149.1	152.2	136.6	107.2
80°	125.8	108.7	111.8	97.8	80.8
82.5°	83.9	71.4	74.5	62.1	54.3
85°	46.6	40.4	41.9	32.6	24.9
87.5°	21.7	18.6	18.6	12.4	7.8
90°	20.9	13.3	12.4	8.5	4.8
92.5°	128.9	91.7	83.6	51.3	19.0
95°	317.2	178.7	163.9	104.7	45.6
97.5°	427.3	196.2	183.2	131.0	78.8
100°	467.4	211.0	199.1	151.9	104.5
102.5°	485.7	225.7	214.6	170.5	126.4
105°	499.4	247.6	238.2	200.9	163.4
107.5°	502.0	279.9	271.2	236.3	201.4
110°	498.1	297.9	290.0	258.6	227.1



TEST NUMBER: P935760

CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-4-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	498.2	319.7	312.2	282.3	252.3
115°	502.9	352.6	345.7	318.0	290.3
117.5°	512.3	384.4	378.2	353.0	327.9
120°	519.9	403.0	397.1	373.4	349.7
122.5°	530.8	424.8	418.8	395.0	371.1
125°	545.5	452.8	447.4	425.6	403.9
127.5°	560.2	479.9	474.4	452.4	430.5
130°	571.0	497.9	492.1	468.4	444.7
132.5°	579.7	512.7	506.8	483.2	459.5
135°	589.2	529.8	524.4	502.9	481.3
137.5°	603.4	551.6	546.3	524.9	503.6
140°	612.2	566.4	561.4	541.8	522.2
142.5°	619.4	577.3	572.7	554.6	536.4
145°	628.9	593.9	590.0	574.1	558.3
147.5°	642.8	614.9	611.0	595.6	580.2
150°	650.2	625.8	622.3	608.3	594.4
152.5°	655.0	632.9	630.3	619.7	609.2
155°	665.3	648.5	646.6	638.8	631.0
157.5°	675.8	664.2	662.3	654.8	647.2
160°	680.6	671.4	669.9	664.0	658.1
162.5°	685.6	679.0	677.9	673.4	669.0
165°	693.0	689.9	688.9	684.9	680.8
167.5°	698.6	696.1	695.6	693.7	691.9
170°	703.4	703.2	702.8	700.8	698.9
172.5°	703.7	703.7	703.6	703.1	702.8
175°	706.5	708.0	708.0	708.0	708.0
177.5°	706.9	708.0	708.0	708.0	708.0
180°	708.0	708.0	708.0	708.0	708.0



TEST NUMBER: P935760  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.08	14.92	15.05	15.91	17.21	16.88	17.72	17.85	18.71	20.01
	3H	14.56	15.31	15.54	16.31	17.63	18.21	18.97	19.20	19.97	21.28
	4H	14.75	15.46	15.74	16.46	17.79	18.65	19.37	19.65	20.37	21.69
	6H	14.87	15.52	15.87	16.53	17.87	18.93	19.59	19.93	20.59	21.93
	8H	14.87	15.49	15.88	16.51	17.85	19.00	19.62	20.01	20.64	21.98
	12H	14.84	15.43	15.86	16.45	17.81	19.03	19.63	20.05	20.64	22.00
4H	2H	15.10	15.82	16.11	16.82	18.15	17.29	18.00	18.29	19.00	20.33
	3H	16.13	16.73	17.14	17.75	19.09	18.78	19.38	19.79	20.41	21.75
	4H	16.40	16.95	17.42	17.97	19.34	19.30	19.85	20.32	20.87	22.23
	6H	16.53	17.00	17.56	18.04	19.40	19.66	20.13	20.69	21.17	22.53
	8H	16.53	16.97	17.57	18.01	19.39	19.76	20.20	20.79	21.24	22.61
	12H	16.50	16.90	17.55	17.95	19.33	19.81	20.21	20.86	21.26	22.64
8H	4H	16.85	17.29	17.88	18.33	19.70	19.43	19.86	20.46	20.90	22.28
	6H	17.11	17.47	18.17	18.55	19.93	19.85	20.22	20.91	21.30	22.67
	8H	17.15	17.47	18.22	18.54	19.93	20.00	20.32	21.06	21.38	22.78
	12H	17.14	17.42	18.21	18.48	19.91	20.09	20.37	21.16	21.43	22.87
12H	4H	16.86	17.25	17.91	18.30	19.68	19.39	19.79	20.44	20.84	22.22
	6H	17.17	17.49	18.24	18.55	19.95	19.85	20.17	20.92	21.23	22.63
	8H	17.24	17.52	18.30	18.58	20.01	20.01	20.29	21.07	21.35	22.78