

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: P935718

Luminaire Tested: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

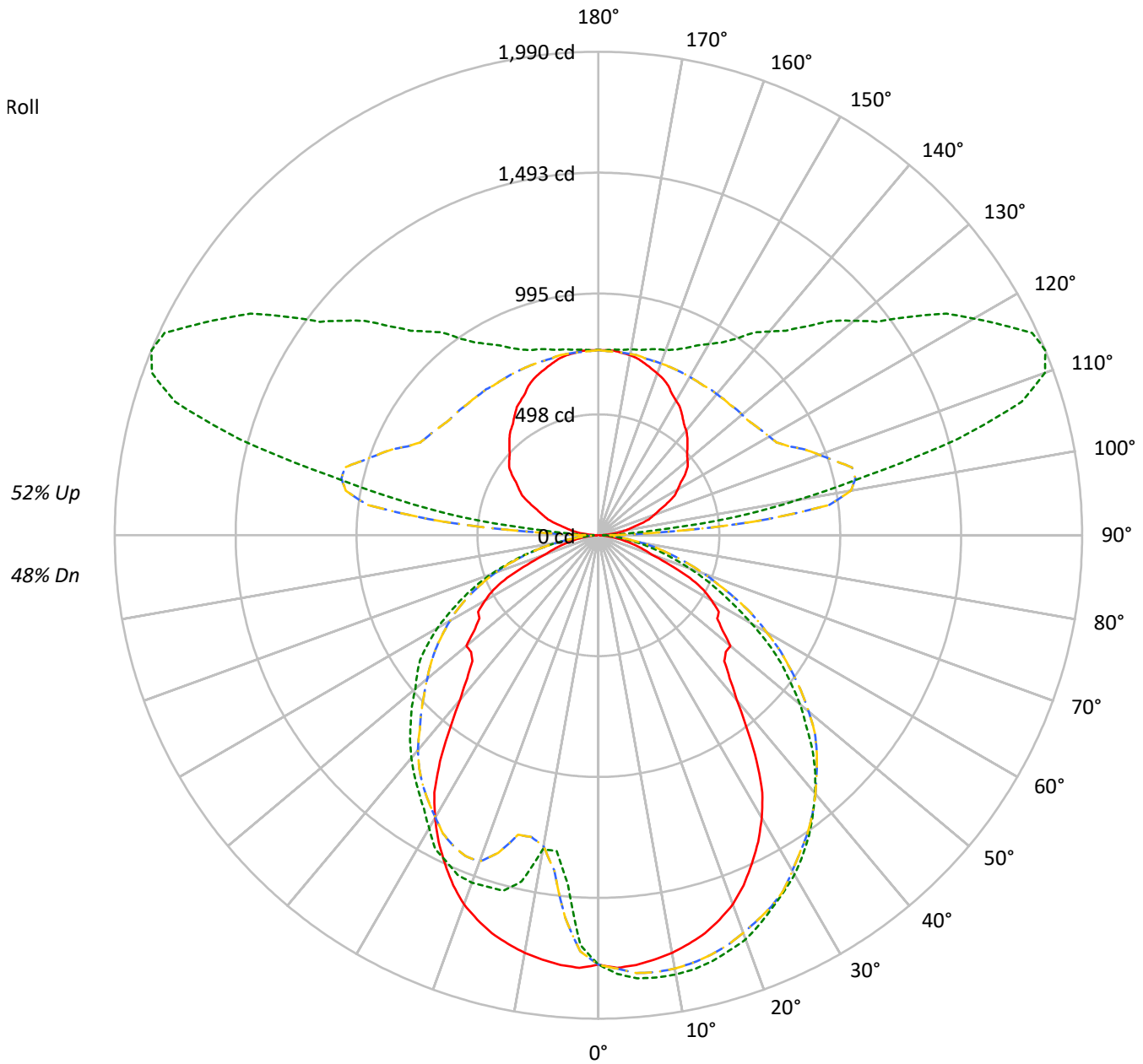
Test Method: LM-79-2019  
Report Number: P935718  
REPORT IS A COMBINATION OF REPORTS P933766 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9526.3 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: 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



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



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

RF	20				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	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	63	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

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

	0°	90°	180°	270°
0°	16399	16399	16399	16399
5°	16503	16555	16503	13017
10°	16376	16307	16376	11659
15°	16179	15954	16179	13321
20°	15823	15535	15823	13349
25°	15111	14924	15111	13066
30°	14199	14418	14199	12446
35°	12639	13777	12639	11763
40°	10513	13022	10513	11247
45°	9375	12139	9375	10654
50°	9938	11085	9938	10059
55°	9324	9951	9324	9715
60°	9577	8452	9577	8898
65°	8642	6987	8642	7810
70°	5943	5567	5943	6545
75°	5155	4115	5155	4929
80°	4067	2721	4067	2961
85°	2219	1441	2219	1224

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14397 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	159.5	1.7
10°-20°	453.0	4.8
20°-30°	700.2	7.3
30°-40°	835.9	8.8
40°-50°	840.8	8.8
50°-60°	731.6	7.7
60°-70°	518.7	5.4
70°-80°	274.4	2.9
80°-90°	71.3	0.7
90°-100°	371.5	3.9
100°-110°	976.8	10.3
110°-120°	1012.8	10.6
120°-130°	812.4	8.5
130°-140°	637.5	6.7
140°-150°	489.3	5.1
150°-160°	352.4	3.7
160°-170°	215.6	2.3
170°-180°	72.8	0.8
0°-30°	1312.7	13.8
0°-40°	2148.5	22.6
0°-60°	3720.9	39.1
0°-90°	4585.2	48.1
90°-120°	2361.2	24.8
90°-150°	4300.3	45.1
90°-180°	4941.0	51.9
0°-180°	9526.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1767	1767	1767	1767	1767	
5°	1776	1831	1776	1440	1776	168
15°	1695	1814	1695	1515	1695	477
25°	1493	1692	1493	1481	1493	686
35°	1135	1510	1135	1289	1135	702
45°	732	1244	732	1092	732	587
55°	597	918	597	896	597	548
65°	415	554	415	619	415	396
75°	157	262	157	314	157	165
85°	27	67	27	57	27	36
90°	5	20	5	20	5	5
95°	49	225	49	225	49	55
105°	176	1530	176	1530	176	187
115°	312	1970	312	1970	312	309
125°	435	1568	435	1568	435	386
135°	518	1217	518	1217	518	401
145°	601	987	601	987	601	377
155°	679	850	679	850	679	312
165°	733	792	733	792	733	207
175°	762	767	762	767	762	72
180°	762	762	762	762	762	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3
2.5°	1782.4	1782.4	1792.4	1795.8	1795.8	1790.8	1785.7	1790.8	1805.8	1810.8	1809.1
5°	1775.6	1789.1	1807.4	1810.8	1814.2	1812.5	1809.1	1812.5	1829.2	1832.5	1834.2
7.5°	1762.3	1787.4	1810.8	1815.8	1820.8	1815.8	1814.2	1817.5	1834.2	1837.6	1837.6
10°	1745.6	1780.7	1807.4	1810.8	1815.8	1810.8	1810.8	1817.5	1834.2	1837.6	1839.3
12.5°	1722.2	1770.7	1795.8	1799.0	1805.8	1804.1	1802.4	1809.1	1825.8	1829.2	1829.2
15°	1695.4	1752.3	1775.6	1779.0	1790.8	1787.4	1787.4	1794.1	1812.5	1817.5	1815.8
17.5°	1658.7	1728.9	1755.6	1760.6	1769.0	1767.3	1769.0	1775.6	1792.4	1795.8	1797.4
20°	1616.9	1697.1	1728.9	1733.8	1742.2	1742.2	1742.2	1750.6	1767.3	1774.1	1774.1
22.5°	1560.0	1663.7	1697.1	1700.4	1710.4	1710.4	1713.8	1725.5	1740.6	1742.2	1742.2
25°	1493.1	1626.8	1655.3	1665.4	1675.4	1680.4	1685.4	1692.0	1697.1	1695.4	1697.1
27.5°	1422.9	1580.0	1616.9	1623.5	1636.9	1642.0	1648.6	1650.3	1651.9	1657.0	1653.6
30°	1344.3	1514.8	1570.0	1576.7	1598.5	1601.7	1595.1	1598.5	1606.8	1610.1	1613.5
32.5°	1255.6	1417.9	1521.5	1536.5	1556.7	1546.6	1544.9	1550.0	1563.3	1563.3	1566.7
35°	1135.3	1342.6	1476.4	1489.8	1504.8	1493.1	1499.8	1501.5	1509.9	1514.8	1513.2
37.5°	1003.2	1277.4	1429.5	1439.6	1451.3	1436.3	1446.3	1451.3	1458.0	1454.6	1454.6
40°	886.1	1175.4	1374.4	1381.1	1391.1	1379.4	1389.4	1392.8	1396.1	1392.8	1391.1
42.5°	799.2	1063.4	1315.9	1324.2	1317.5	1325.9	1329.3	1336.0	1330.9	1324.2	1324.2
45°	732.3	1033.3	1252.3	1262.4	1252.3	1265.7	1270.8	1270.8	1255.6	1252.3	1250.7
47.5°	710.6	973.1	1188.8	1188.8	1183.8	1200.5	1208.8	1197.2	1182.1	1177.1	1177.1
50°	708.9	906.2	1101.8	1095.2	1118.6	1138.7	1130.3	1118.6	1106.9	1088.5	1088.5
52.5°	643.7	824.3	989.9	1014.9	1051.7	1063.4	1050.0	1038.3	1018.2	1009.9	1003.2
55°	596.9	739.0	887.8	938.0	976.4	991.5	966.5	954.7	924.7	919.6	916.3
57.5°	586.9	615.3	794.3	857.8	904.5	902.9	887.8	866.1	841.0	836.0	834.4
60°	538.4	444.8	693.9	769.2	817.6	812.6	799.2	779.1	755.7	752.4	749.1
62.5°	488.3	322.7	580.2	665.4	734.0	732.3	720.6	690.5	673.8	665.4	658.8
65°	414.7	270.9	413.0	553.5	652.1	655.4	630.3	608.6	590.2	580.2	578.5
67.5°	316.0	220.7	279.2	461.5	573.5	570.2	538.4	528.4	505.0	499.9	489.9
70°	234.1	147.1	193.9	374.6	496.6	488.3	463.2	451.4	429.7	418.0	411.3
72.5°	193.9	118.8	142.1	291.0	418.0	407.9	386.2	372.9	354.5	344.4	337.7
75°	157.2	125.4	108.7	215.7	339.4	332.8	312.7	299.3	284.2	270.9	272.5
77.5°	115.4	117.1	86.9	158.9	269.2	259.2	247.5	230.7	224.1	210.6	210.6
80°	86.9	92.0	65.2	108.7	193.9	193.9	184.0	172.2	160.6	153.8	153.8
82.5°	58.5	58.5	48.5	68.6	132.1	127.1	120.3	117.1	110.4	107.0	107.0
85°	26.8	33.4	30.1	41.8	71.9	75.3	75.3	71.9	70.2	66.9	68.6
87.5°	8.4	15.0	18.4	23.4	36.8	38.4	40.1	40.1	40.1	41.8	41.8
90°	5.1	9.2	13.3	14.3	22.5	33.4	38.8	34.5	25.9	19.5	19.5
92.5°	20.5	55.2	90.0	98.7	138.8	192.3	218.9	191.9	137.8	97.2	93.4
95°	49.1	112.7	176.5	192.4	341.6	540.4	639.9	571.1	433.3	330.0	318.2
97.5°	84.9	141.0	197.2	211.2	460.0	791.7	957.6	914.0	827.0	761.6	739.4
100°	112.5	163.5	214.4	227.1	503.2	871.2	1055.3	1058.4	1064.9	1069.6	1043.0
102.5°	136.0	183.6	231.1	242.9	522.9	896.3	1082.9	1138.5	1249.4	1332.6	1309.9
105°	176.0	216.3	256.5	266.6	537.7	899.2	1079.9	1204.3	1453.0	1639.5	1627.2
107.5°	216.9	254.4	292.0	301.3	540.4	859.2	1018.5	1192.0	1538.9	1799.0	1802.0
110°	244.5	278.4	312.2	320.7	536.3	823.7	967.4	1161.3	1549.2	1840.1	1852.8



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	271.6	303.9	336.1	344.2	536.4	792.7	920.8	1119.3	1516.3	1814.0	1833.5
115°	312.5	342.3	372.2	379.6	541.4	757.1	865.0	1056.2	1438.6	1725.4	1752.5
117.5°	353.0	380.1	407.2	413.9	551.5	735.0	826.7	999.2	1344.3	1603.1	1633.2
120°	376.5	402.0	427.5	433.8	559.7	727.5	811.3	969.0	1284.3	1520.8	1550.1
122.5°	399.5	425.2	450.9	457.3	571.5	723.5	799.6	941.6	1225.5	1438.4	1467.3
125°	434.8	458.2	481.6	487.5	587.3	720.3	786.7	907.4	1148.6	1329.5	1356.0
127.5°	463.5	487.1	510.7	516.6	603.1	718.4	776.0	879.5	1086.7	1242.0	1264.4
130°	478.8	504.3	529.8	536.1	614.7	719.6	771.9	864.1	1048.5	1186.8	1207.4
132.5°	494.7	520.2	545.7	552.0	624.1	720.3	768.4	850.9	1016.0	1139.8	1158.2
135°	518.2	541.4	564.5	570.4	634.3	719.6	762.2	831.4	969.6	1073.3	1089.3
137.5°	542.2	565.1	588.2	593.9	649.6	724.0	761.2	819.5	936.4	1024.1	1037.1
140°	562.2	583.3	604.5	609.8	659.1	724.8	757.6	808.1	909.1	984.7	997.0
142.5°	577.5	597.0	616.6	621.6	666.9	727.4	757.6	802.0	890.6	957.1	967.5
145°	601.1	618.1	635.2	639.4	677.1	727.4	752.5	788.7	861.2	915.7	923.7
147.5°	624.6	641.2	657.8	662.0	692.1	732.3	752.5	781.0	838.1	880.9	887.5
150°	639.9	654.9	670.0	673.7	700.0	735.0	752.5	776.6	824.8	860.9	866.3
152.5°	655.8	667.2	678.6	681.4	705.1	736.7	752.5	773.0	814.2	845.0	849.1
155°	679.3	687.7	696.1	698.2	716.3	740.4	752.5	768.9	801.6	826.2	828.8
157.5°	696.7	704.9	713.0	715.1	727.6	744.2	752.5	765.2	790.7	809.8	811.6
160°	708.5	714.8	721.2	722.8	732.7	745.8	752.5	763.3	785.2	801.6	802.7
162.5°	720.3	725.0	729.8	731.0	738.1	747.7	752.5	761.6	780.1	794.0	794.9
165°	733.0	737.3	741.7	742.8	746.0	750.3	752.5	759.1	772.2	782.1	783.2
167.5°	744.9	746.8	748.9	749.4	752.2	755.8	757.6	761.9	770.5	777.1	777.6
170°	752.5	754.5	756.6	757.1	757.3	757.5	757.6	761.9	770.5	777.1	777.1
172.5°	756.6	757.0	757.5	757.6	757.6	757.6	757.6	761.0	767.8	772.9	772.5
175°	762.2	762.2	762.2	762.2	760.7	758.6	757.6	759.8	764.0	767.3	767.3
177.5°	762.2	762.2	762.2	762.2	761.1	759.4	758.6	760.3	763.7	766.3	765.8
180°	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3
2.5°	1812.5	1807.4	1812.5	1809.1	1810.8	1805.8	1790.8	1785.7	1790.8	1795.8	1795.8
5°	1834.2	1830.9	1834.2	1834.2	1832.5	1829.2	1812.5	1809.1	1812.5	1814.2	1810.8
7.5°	1840.8	1835.9	1840.8	1837.6	1837.6	1834.2	1817.5	1814.2	1815.8	1820.8	1815.8
10°	1840.8	1835.9	1840.8	1839.3	1837.6	1834.2	1817.5	1810.8	1810.8	1815.8	1810.8
12.5°	1832.5	1829.2	1832.5	1829.2	1829.2	1825.8	1809.1	1802.4	1804.1	1805.8	1799.0
15°	1819.1	1814.2	1819.1	1815.8	1817.5	1812.5	1794.1	1787.4	1787.4	1790.8	1779.0
17.5°	1799.0	1792.4	1799.0	1797.4	1795.8	1792.4	1775.6	1769.0	1767.3	1769.0	1760.6
20°	1775.6	1770.7	1775.6	1774.1	1774.1	1767.3	1750.6	1742.2	1742.2	1742.2	1733.8
22.5°	1738.9	1733.8	1738.9	1742.2	1742.2	1740.6	1725.5	1713.8	1710.4	1710.4	1700.4
25°	1697.1	1692.0	1697.1	1697.1	1695.4	1697.1	1692.0	1685.4	1680.4	1675.4	1665.4
27.5°	1657.0	1653.6	1657.0	1653.6	1657.0	1651.9	1650.3	1648.6	1642.0	1636.9	1623.5
30°	1616.9	1613.5	1616.9	1613.5	1610.1	1606.8	1598.5	1595.1	1601.7	1598.5	1576.7
32.5°	1566.7	1563.3	1566.7	1566.7	1563.3	1563.3	1550.0	1544.9	1546.6	1556.7	1536.5
35°	1514.8	1509.9	1514.8	1513.2	1514.8	1509.9	1501.5	1499.8	1493.1	1504.8	1489.8
37.5°	1454.6	1449.6	1454.6	1454.6	1454.6	1458.0	1451.3	1446.3	1436.3	1451.3	1439.6
40°	1392.8	1386.1	1392.8	1391.1	1392.8	1396.1	1392.8	1389.4	1379.4	1391.1	1381.1
42.5°	1322.5	1320.9	1322.5	1324.2	1324.2	1330.9	1336.0	1329.3	1325.9	1317.5	1324.2
45°	1247.4	1244.0	1247.4	1250.7	1252.3	1255.6	1270.8	1270.8	1265.7	1252.3	1262.4
47.5°	1167.0	1158.7	1167.0	1177.1	1177.1	1182.1	1197.2	1208.8	1200.5	1183.8	1188.8
50°	1081.8	1083.4	1081.8	1088.5	1088.5	1106.9	1118.6	1130.3	1138.7	1118.6	1095.2
52.5°	998.2	996.5	998.2	1003.2	1009.9	1018.2	1038.3	1050.0	1063.4	1051.7	1014.9
55°	914.6	918.0	914.6	916.3	919.6	924.7	954.7	966.5	991.5	976.4	938.0
57.5°	831.0	826.0	831.0	834.4	836.0	841.0	866.1	887.8	902.9	904.5	857.8
60°	734.0	727.4	734.0	749.1	752.4	755.7	779.1	799.2	812.6	817.6	769.2
62.5°	648.7	637.1	648.7	658.8	665.4	673.8	690.5	720.6	732.3	734.0	665.4
65°	558.4	553.5	558.4	578.5	580.2	590.2	608.6	630.3	655.4	652.1	553.5
67.5°	476.5	476.5	476.5	489.9	499.9	505.0	528.4	538.4	570.2	573.5	461.5
70°	401.3	399.6	401.3	411.3	418.0	429.7	451.4	463.2	488.3	496.6	374.6
72.5°	329.4	327.7	329.4	337.7	344.4	354.5	372.9	386.2	407.9	418.0	291.0
75°	265.9	262.5	265.9	272.5	270.9	284.2	299.3	312.7	332.8	339.4	215.7
77.5°	204.0	204.0	204.0	210.6	210.6	224.1	230.7	247.5	259.2	269.2	158.9
80°	152.2	150.5	152.2	153.8	153.8	160.6	172.2	184.0	193.9	193.9	108.7
82.5°	107.0	103.6	107.0	107.0	107.0	110.4	117.1	120.3	127.1	132.1	68.6
85°	66.9	66.9	66.9	68.6	66.9	70.2	71.9	75.3	75.3	71.9	41.8
87.5°	43.5	41.8	43.5	41.8	41.8	40.1	40.1	40.1	38.4	36.8	23.4
90°	19.5	19.5	19.5	19.5	19.5	25.9	34.5	38.8	33.4	22.5	14.3
92.5°	77.9	62.4	77.9	93.4	97.2	137.8	191.9	218.9	192.3	138.8	98.7
95°	271.4	224.6	271.4	318.2	330.0	433.3	571.1	639.9	540.4	341.6	192.4
97.5°	650.3	561.2	650.3	739.4	761.6	827.0	914.0	957.6	791.7	460.0	211.2
100°	936.9	830.7	936.9	1043.0	1069.6	1064.9	1058.4	1055.3	871.2	503.2	227.1
102.5°	1218.9	1128.0	1218.9	1309.9	1332.6	1249.4	1138.5	1082.9	896.3	522.9	242.9
105°	1578.4	1529.5	1578.4	1627.2	1639.5	1453.0	1204.3	1079.9	899.2	537.7	266.6
107.5°	1813.9	1825.7	1813.9	1802.0	1799.0	1538.9	1192.0	1018.5	859.2	540.4	301.3
110°	1903.7	1954.6	1903.7	1852.8	1840.1	1549.2	1161.3	967.4	823.7	536.3	320.7





TEST NUMBER: P935718

CATALOG NUMBER: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1911.7	1989.9	1911.7	1833.5	1814.0	1516.3	1119.3	920.8	792.7	536.4	344.2
115°	1861.0	1969.5	1861.0	1752.5	1725.4	1438.6	1056.2	865.0	757.1	541.4	379.6
117.5°	1753.5	1873.7	1753.5	1633.2	1603.1	1344.3	999.2	826.7	735.0	551.5	413.9
120°	1666.9	1783.7	1666.9	1550.1	1520.8	1284.3	969.0	811.3	727.5	559.7	433.8
122.5°	1582.5	1697.8	1582.5	1467.3	1438.4	1225.5	941.6	799.6	723.5	571.5	457.3
125°	1462.1	1568.4	1462.1	1356.0	1329.5	1148.6	907.4	786.7	720.3	587.3	487.5
127.5°	1354.0	1443.6	1354.0	1264.4	1242.0	1086.7	879.5	776.0	718.4	603.1	516.6
130°	1290.2	1373.0	1290.2	1207.4	1186.8	1048.5	864.1	771.9	719.6	614.7	536.1
132.5°	1232.3	1306.4	1232.3	1158.2	1139.8	1016.0	850.9	768.4	720.3	624.1	552.0
135°	1153.1	1216.9	1153.1	1089.3	1073.3	969.6	831.4	762.2	719.6	634.3	570.4
137.5°	1089.5	1141.7	1089.5	1037.1	1024.1	936.4	819.5	761.2	724.0	649.6	593.9
140°	1045.8	1094.7	1045.8	997.0	984.7	909.1	808.1	757.6	724.8	659.1	609.8
142.5°	1009.6	1051.7	1009.6	967.5	957.1	890.6	802.0	757.6	727.4	666.9	621.6
145°	955.5	987.3	955.5	923.7	915.7	861.2	788.7	752.5	727.4	677.1	639.4
147.5°	913.8	940.2	913.8	887.5	880.9	838.1	781.0	752.5	732.3	692.1	662.0
150°	887.7	909.1	887.7	866.3	860.9	824.8	776.6	752.5	735.0	700.0	673.7
152.5°	865.2	881.4	865.2	849.1	845.0	814.2	773.0	752.5	736.7	705.1	681.4
155°	839.5	850.2	839.5	828.8	826.2	801.6	768.9	752.5	740.4	716.3	698.2
157.5°	819.2	826.7	819.2	811.6	809.8	790.7	765.2	752.5	744.2	727.6	715.1
160°	807.0	811.3	807.0	802.7	801.6	785.2	763.3	752.5	745.8	732.7	722.8
162.5°	799.1	803.1	799.1	794.9	794.0	780.1	761.6	752.5	747.7	738.1	731.0
165°	787.5	791.9	787.5	783.2	782.1	772.2	759.1	752.5	750.3	746.0	742.8
167.5°	779.3	781.1	779.3	777.6	777.1	770.5	761.9	757.6	755.8	752.2	749.4
170°	777.1	777.1	777.1	777.1	777.1	770.5	761.9	757.6	757.5	757.3	757.1
172.5°	770.9	769.4	770.9	772.5	772.9	767.8	761.0	757.6	757.6	757.6	757.6
175°	767.3	767.3	767.3	767.3	767.3	764.0	759.8	757.6	758.6	760.7	762.2
177.5°	764.0	762.2	764.0	765.8	766.3	763.7	760.3	758.6	759.4	761.1	762.2
180°	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2



TEST NUMBER: P935718

CATALOG NUMBER: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3
2.5°	1792.4	1782.4	1782.4	1765.7	1758.9	1753.9	1745.6	1720.5	1713.8	1707.2	1717.1
5°	1807.4	1789.1	1775.6	1745.6	1720.5	1710.4	1678.7	1618.5	1578.4	1548.3	1531.6
7.5°	1810.8	1787.4	1762.3	1715.5	1655.3	1628.5	1531.6	1421.2	1391.1	1364.3	1347.6
10°	1807.4	1780.7	1745.6	1675.4	1533.3	1486.4	1389.4	1317.5	1299.1	1294.2	1299.1
12.5°	1795.8	1770.7	1722.2	1605.1	1406.1	1374.4	1317.5	1275.7	1272.4	1280.7	1325.9
15°	1775.6	1752.3	1695.4	1511.5	1336.0	1312.6	1272.4	1257.3	1275.7	1334.3	1469.7
17.5°	1755.6	1728.9	1658.7	1419.6	1282.4	1265.7	1237.3	1267.4	1371.0	1449.6	1494.7
20°	1728.9	1697.1	1616.9	1352.7	1244.0	1229.0	1215.5	1351.0	1429.5	1458.0	1483.1
22.5°	1697.1	1663.7	1560.0	1305.8	1203.9	1192.1	1200.5	1397.8	1429.5	1449.6	1471.3
25°	1655.3	1626.8	1493.1	1269.1	1172.1	1158.7	1190.4	1392.8	1411.2	1416.2	1459.7
27.5°	1616.9	1580.0	1422.9	1235.6	1133.6	1128.6	1198.8	1371.0	1384.4	1389.4	1436.3
30°	1570.0	1514.8	1344.3	1200.5	1093.5	1091.8	1200.5	1344.3	1340.9	1354.4	1401.2
32.5°	1521.5	1417.9	1255.6	1157.0	1055.1	1053.4	1188.8	1304.2	1300.8	1319.2	1354.4
35°	1476.4	1342.6	1135.3	1106.9	1006.6	1008.3	1160.4	1257.3	1259.0	1275.7	1297.4
37.5°	1429.5	1277.4	1003.2	1051.7	959.7	959.7	1121.9	1213.9	1210.5	1215.5	1245.7
40°	1374.4	1175.4	886.1	979.8	916.3	911.2	1075.1	1167.0	1155.4	1153.7	1195.5
42.5°	1315.9	1063.4	799.2	884.5	866.1	859.5	1018.2	1110.2	1088.5	1093.5	1147.0
45°	1252.3	1033.3	732.3	747.4	814.3	809.3	956.4	1045.0	1030.0	1043.3	1098.6
47.5°	1188.8	973.1	710.6	620.4	759.1	757.4	887.8	981.5	973.1	986.5	1045.0
50°	1101.8	906.2	708.9	531.7	697.2	704.0	805.9	919.6	919.6	931.3	993.1
52.5°	989.9	824.3	643.7	481.6	625.3	645.4	734.0	866.1	869.4	881.2	936.3
55°	887.8	739.0	596.9	443.1	540.0	583.5	663.8	811.0	817.6	829.3	879.5
57.5°	794.3	615.3	586.9	398.0	461.5	503.3	601.9	757.4	760.8	770.8	819.2
60°	693.9	444.8	538.4	349.5	392.9	424.6	545.1	693.9	705.6	712.2	754.0
62.5°	580.2	322.7	488.3	316.0	359.4	366.2	498.2	633.7	648.7	653.8	678.9
65°	413.0	270.9	414.7	287.6	324.4	326.0	448.1	571.9	585.2	593.6	612.0
67.5°	279.2	220.7	316.0	260.8	297.6	299.3	399.6	499.9	518.3	525.0	536.7
70°	193.9	147.1	234.1	232.4	267.6	270.9	347.8	434.7	451.4	456.5	463.2
72.5°	142.1	118.8	193.9	209.0	235.7	239.1	294.2	361.1	377.9	382.8	386.2
75°	108.7	125.4	157.2	182.3	200.7	202.3	240.8	294.2	306.0	309.3	311.0
77.5°	86.9	117.1	115.4	147.1	163.8	160.6	188.9	227.4	237.4	237.4	237.4
80°	65.2	92.0	86.9	105.3	120.3	117.1	135.5	162.2	165.5	168.8	167.2
82.5°	48.5	58.5	58.5	66.9	80.2	76.9	90.3	105.3	105.3	105.3	108.7
85°	30.1	33.4	26.8	35.1	45.2	43.5	50.2	56.8	58.5	58.5	55.1
87.5°	18.4	15.0	8.4	13.3	20.1	20.1	23.4	25.1	23.4	23.4	23.4
90°	13.3	9.2	5.1	9.2	13.3	14.3	22.5	33.4	38.8	34.5	25.9
92.5°	90.0	55.2	20.5	55.2	90.0	98.7	138.8	192.3	218.9	191.9	137.8
95°	176.5	112.7	49.1	112.7	176.5	192.4	341.6	540.4	639.9	571.1	433.3
97.5°	197.2	141.0	84.9	141.0	197.2	211.2	460.0	791.7	957.6	914.0	827.0
100°	214.4	163.5	112.5	163.5	214.4	227.1	503.2	871.2	1055.3	1058.4	1064.9
102.5°	231.1	183.6	136.0	183.6	231.1	242.9	522.9	896.3	1082.9	1138.5	1249.4
105°	256.5	216.3	176.0	216.3	256.5	266.6	537.7	899.2	1079.9	1204.3	1453.0
107.5°	292.0	254.4	216.9	254.4	292.0	301.3	540.4	859.2	1018.5	1192.0	1538.9
110°	312.2	278.4	244.5	278.4	312.2	320.7	536.3	823.7	967.4	1161.3	1549.2



TEST NUMBER: P935718

CATALOG NUMBER: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	336.1	303.9	271.6	303.9	336.1	344.2	536.4	792.7	920.8	1119.3	1516.3
115°	372.2	342.3	312.5	342.3	372.2	379.6	541.4	757.1	865.0	1056.2	1438.6
117.5°	407.2	380.1	353.0	380.1	407.2	413.9	551.5	735.0	826.7	999.2	1344.3
120°	427.5	402.0	376.5	402.0	427.5	433.8	559.7	727.5	811.3	969.0	1284.3
122.5°	450.9	425.2	399.5	425.2	450.9	457.3	571.5	723.5	799.6	941.6	1225.5
125°	481.6	458.2	434.8	458.2	481.6	487.5	587.3	720.3	786.7	907.4	1148.6
127.5°	510.7	487.1	463.5	487.1	510.7	516.6	603.1	718.4	776.0	879.5	1086.7
130°	529.8	504.3	478.8	504.3	529.8	536.1	614.7	719.6	771.9	864.1	1048.5
132.5°	545.7	520.2	494.7	520.2	545.7	552.0	624.1	720.3	768.4	850.9	1016.0
135°	564.5	541.4	518.2	541.4	564.5	570.4	634.3	719.6	762.2	831.4	969.6
137.5°	588.2	565.1	542.2	565.1	588.2	593.9	649.6	724.0	761.2	819.5	936.4
140°	604.5	583.3	562.2	583.3	604.5	609.8	659.1	724.8	757.6	808.1	909.1
142.5°	616.6	597.0	577.5	597.0	616.6	621.6	666.9	727.4	757.6	802.0	890.6
145°	635.2	618.1	601.1	618.1	635.2	639.4	677.1	727.4	752.5	788.7	861.2
147.5°	657.8	641.2	624.6	641.2	657.8	662.0	692.1	732.3	752.5	781.0	838.1
150°	670.0	654.9	639.9	654.9	670.0	673.7	700.0	735.0	752.5	776.6	824.8
152.5°	678.6	667.2	655.8	667.2	678.6	681.4	705.1	736.7	752.5	773.0	814.2
155°	696.1	687.7	679.3	687.7	696.1	698.2	716.3	740.4	752.5	768.9	801.6
157.5°	713.0	704.9	696.7	704.9	713.0	715.1	727.6	744.2	752.5	765.2	790.7
160°	721.2	714.8	708.5	714.8	721.2	722.8	732.7	745.8	752.5	763.3	785.2
162.5°	729.8	725.0	720.3	725.0	729.8	731.0	738.1	747.7	752.5	761.6	780.1
165°	741.7	737.3	733.0	737.3	741.7	742.8	746.0	750.3	752.5	759.1	772.2
167.5°	748.9	746.8	744.9	746.8	748.9	749.4	752.2	755.8	757.6	761.9	770.5
170°	756.6	754.5	752.5	754.5	756.6	757.1	757.3	757.5	757.6	761.9	770.5
172.5°	757.5	757.0	756.6	757.0	757.5	757.6	757.6	757.6	757.6	761.0	767.8
175°	762.2	762.2	762.2	762.2	762.2	762.2	760.7	758.6	757.6	759.8	764.0
177.5°	762.2	762.2	762.2	762.2	762.2	762.2	761.1	759.4	758.6	760.3	763.7
180°	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2



TEST NUMBER: P935718  
 CATALOG NUMBER: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3	1767.3
2.5°	1705.5	1700.4	1707.2	1688.7	1707.2	1700.4	1705.5	1717.1	1707.2	1713.8	1720.5
5°	1496.4	1488.1	1461.4	1439.6	1461.4	1488.1	1496.4	1531.6	1548.3	1578.4	1618.5
7.5°	1337.7	1330.9	1324.2	1310.9	1324.2	1330.9	1337.7	1347.6	1364.3	1391.1	1421.2
10°	1302.5	1304.2	1314.2	1312.6	1314.2	1304.2	1302.5	1299.1	1294.2	1299.1	1317.5
12.5°	1392.8	1407.8	1463.0	1459.7	1463.0	1407.8	1392.8	1325.9	1280.7	1272.4	1275.7
15°	1496.4	1501.5	1513.2	1514.8	1513.2	1501.5	1496.4	1469.7	1334.3	1275.7	1257.3
17.5°	1506.5	1508.2	1516.5	1516.5	1516.5	1508.2	1506.5	1494.7	1449.6	1371.0	1267.4
20°	1498.1	1501.5	1518.2	1521.5	1518.2	1501.5	1498.1	1483.1	1458.0	1429.5	1351.0
22.5°	1494.7	1501.5	1514.8	1513.2	1514.8	1501.5	1494.7	1471.3	1449.6	1429.5	1397.8
25°	1478.0	1478.0	1479.7	1481.4	1479.7	1478.0	1478.0	1459.7	1416.2	1411.2	1392.8
27.5°	1443.0	1446.3	1456.3	1454.6	1456.3	1446.3	1443.0	1436.3	1389.4	1384.4	1371.0
30°	1411.2	1407.8	1399.5	1392.8	1399.5	1407.8	1411.2	1401.2	1354.4	1340.9	1344.3
32.5°	1357.7	1349.3	1340.9	1336.0	1340.9	1349.3	1357.7	1354.4	1319.2	1300.8	1304.2
35°	1294.2	1295.8	1294.2	1289.1	1294.2	1295.8	1294.2	1297.4	1275.7	1259.0	1257.3
37.5°	1249.0	1252.3	1250.7	1244.0	1250.7	1252.3	1249.0	1245.7	1215.5	1210.5	1213.9
40°	1202.2	1203.9	1202.2	1197.2	1202.2	1203.9	1202.2	1195.5	1153.7	1155.4	1167.0
42.5°	1157.0	1155.4	1150.3	1147.0	1150.3	1155.4	1157.0	1147.0	1093.5	1088.5	1110.2
45°	1105.2	1106.9	1096.9	1091.8	1096.9	1106.9	1105.2	1098.6	1043.3	1030.0	1045.0
47.5°	1053.4	1053.4	1045.0	1040.0	1045.0	1053.4	1053.4	1045.0	986.5	973.1	981.5
50°	998.2	996.5	984.8	983.2	984.8	996.5	998.2	993.1	931.3	919.6	919.6
52.5°	934.6	934.6	936.3	939.7	936.3	934.6	934.6	936.3	881.2	869.4	866.1
55°	879.5	881.2	892.9	896.2	892.9	881.2	879.5	879.5	829.3	817.6	811.0
57.5°	822.6	822.6	831.0	831.0	831.0	822.6	822.6	819.2	770.8	760.8	757.4
60°	757.4	760.8	767.5	765.8	767.5	760.8	757.4	754.0	712.2	705.6	693.9
62.5°	688.8	692.2	693.9	690.5	693.9	692.2	688.8	678.9	653.8	648.7	633.7
65°	617.0	620.4	621.9	618.7	621.9	620.4	617.0	612.0	593.6	585.2	571.9
67.5°	543.4	541.7	540.0	546.8	540.0	541.7	543.4	536.7	525.0	518.3	499.9
70°	468.1	468.1	466.5	469.8	466.5	468.1	468.1	463.2	456.5	451.4	434.7
72.5°	387.9	386.2	392.9	387.9	392.9	386.2	387.9	386.2	382.8	377.9	361.1
75°	309.3	312.7	309.3	314.4	309.3	312.7	309.3	311.0	309.3	306.0	294.2
77.5°	235.7	239.1	235.7	235.7	235.7	239.1	235.7	237.4	237.4	237.4	227.4
80°	167.2	165.5	165.5	163.8	165.5	165.5	167.2	167.2	168.8	165.5	162.2
82.5°	107.0	105.3	105.3	108.7	105.3	105.3	107.0	108.7	105.3	105.3	105.3
85°	58.5	60.2	56.8	56.8	56.8	60.2	58.5	55.1	58.5	58.5	56.8
87.5°	21.7	20.1	20.1	20.1	20.1	20.1	21.7	23.4	23.4	23.4	25.1
90°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	25.9	34.5	38.8	33.4
92.5°	97.2	93.4	77.9	62.4	77.9	93.4	97.2	137.8	191.9	218.9	192.3
95°	330.0	318.2	271.4	224.6	271.4	318.2	330.0	433.3	571.1	639.9	540.4
97.5°	761.6	739.4	650.3	561.2	650.3	739.4	761.6	827.0	914.0	957.6	791.7
100°	1069.6	1043.0	936.9	830.7	936.9	1043.0	1069.6	1064.9	1058.4	1055.3	871.2
102.5°	1332.6	1309.9	1218.9	1128.0	1218.9	1309.9	1332.6	1249.4	1138.5	1082.9	896.3
105°	1639.5	1627.2	1578.4	1529.5	1578.4	1627.2	1639.5	1453.0	1204.3	1079.9	899.2
107.5°	1799.0	1802.0	1813.9	1825.7	1813.9	1802.0	1799.0	1538.9	1192.0	1018.5	859.2
110°	1840.1	1852.8	1903.7	1954.6	1903.7	1852.8	1840.1	1549.2	1161.3	967.4	823.7



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1814.0	1833.5	1911.7	1989.9	1911.7	1833.5	1814.0	1516.3	1119.3	920.8	792.7
115°	1725.4	1752.5	1861.0	1969.5	1861.0	1752.5	1725.4	1438.6	1056.2	865.0	757.1
117.5°	1603.1	1633.2	1753.5	1873.7	1753.5	1633.2	1603.1	1344.3	999.2	826.7	735.0
120°	1520.8	1550.1	1666.9	1783.7	1666.9	1550.1	1520.8	1284.3	969.0	811.3	727.5
122.5°	1438.4	1467.3	1582.5	1697.8	1582.5	1467.3	1438.4	1225.5	941.6	799.6	723.5
125°	1329.5	1356.0	1462.1	1568.4	1462.1	1356.0	1329.5	1148.6	907.4	786.7	720.3
127.5°	1242.0	1264.4	1354.0	1443.6	1354.0	1264.4	1242.0	1086.7	879.5	776.0	718.4
130°	1186.8	1207.4	1290.2	1373.0	1290.2	1207.4	1186.8	1048.5	864.1	771.9	719.6
132.5°	1139.8	1158.2	1232.3	1306.4	1232.3	1158.2	1139.8	1016.0	850.9	768.4	720.3
135°	1073.3	1089.3	1153.1	1216.9	1153.1	1089.3	1073.3	969.6	831.4	762.2	719.6
137.5°	1024.1	1037.1	1089.5	1141.7	1089.5	1037.1	1024.1	936.4	819.5	761.2	724.0
140°	984.7	997.0	1045.8	1094.7	1045.8	997.0	984.7	909.1	808.1	757.6	724.8
142.5°	957.1	967.5	1009.6	1051.7	1009.6	967.5	957.1	890.6	802.0	757.6	727.4
145°	915.7	923.7	955.5	987.3	955.5	923.7	915.7	861.2	788.7	752.5	727.4
147.5°	880.9	887.5	913.8	940.2	913.8	887.5	880.9	838.1	781.0	752.5	732.3
150°	860.9	866.3	887.7	909.1	887.7	866.3	860.9	824.8	776.6	752.5	735.0
152.5°	845.0	849.1	865.2	881.4	865.2	849.1	845.0	814.2	773.0	752.5	736.7
155°	826.2	828.8	839.5	850.2	839.5	828.8	826.2	801.6	768.9	752.5	740.4
157.5°	809.8	811.6	819.2	826.7	819.2	811.6	809.8	790.7	765.2	752.5	744.2
160°	801.6	802.7	807.0	811.3	807.0	802.7	801.6	785.2	763.3	752.5	745.8
162.5°	794.0	794.9	799.1	803.1	799.1	794.9	794.0	780.1	761.6	752.5	747.7
165°	782.1	783.2	787.5	791.9	787.5	783.2	782.1	772.2	759.1	752.5	750.3
167.5°	777.1	777.6	779.3	781.1	779.3	777.6	777.1	770.5	761.9	757.6	755.8
170°	777.1	777.1	777.1	777.1	777.1	777.1	777.1	770.5	761.9	757.6	757.5
172.5°	772.9	772.5	770.9	769.4	770.9	772.5	772.9	767.8	761.0	757.6	757.6
175°	767.3	767.3	767.3	767.3	767.3	767.3	767.3	764.0	759.8	757.6	758.6
177.5°	766.3	765.8	764.0	762.2	764.0	765.8	766.3	763.7	760.3	758.6	759.4
180°	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2	762.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1767.3	1767.3	1767.3	1767.3	1767.3
2.5°	1745.6	1753.9	1758.9	1765.7	1782.4
5°	1678.7	1710.4	1720.5	1745.6	1775.6
7.5°	1531.6	1628.5	1655.3	1715.5	1762.3
10°	1389.4	1486.4	1533.3	1675.4	1745.6
12.5°	1317.5	1374.4	1406.1	1605.1	1722.2
15°	1272.4	1312.6	1336.0	1511.5	1695.4
17.5°	1237.3	1265.7	1282.4	1419.6	1658.7
20°	1215.5	1229.0	1244.0	1352.7	1616.9
22.5°	1200.5	1192.1	1203.9	1305.8	1560.0
25°	1190.4	1158.7	1172.1	1269.1	1493.1
27.5°	1198.8	1128.6	1133.6	1235.6	1422.9
30°	1200.5	1091.8	1093.5	1200.5	1344.3
32.5°	1188.8	1053.4	1055.1	1157.0	1255.6
35°	1160.4	1008.3	1006.6	1106.9	1135.3
37.5°	1121.9	959.7	959.7	1051.7	1003.2
40°	1075.1	911.2	916.3	979.8	886.1
42.5°	1018.2	859.5	866.1	884.5	799.2
45°	956.4	809.3	814.3	747.4	732.3
47.5°	887.8	757.4	759.1	620.4	710.6
50°	805.9	704.0	697.2	531.7	708.9
52.5°	734.0	645.4	625.3	481.6	643.7
55°	663.8	583.5	540.0	443.1	596.9
57.5°	601.9	503.3	461.5	398.0	586.9
60°	545.1	424.6	392.9	349.5	538.4
62.5°	498.2	366.2	359.4	316.0	488.3
65°	448.1	326.0	324.4	287.6	414.7
67.5°	399.6	299.3	297.6	260.8	316.0
70°	347.8	270.9	267.6	232.4	234.1
72.5°	294.2	239.1	235.7	209.0	193.9
75°	240.8	202.3	200.7	182.3	157.2
77.5°	188.9	160.6	163.8	147.1	115.4
80°	135.5	117.1	120.3	105.3	86.9
82.5°	90.3	76.9	80.2	66.9	58.5
85°	50.2	43.5	45.2	35.1	26.8
87.5°	23.4	20.1	20.1	13.3	8.4
90°	22.5	14.3	13.3	9.2	5.1
92.5°	138.8	98.7	90.0	55.2	20.5
95°	341.6	192.4	176.5	112.7	49.1
97.5°	460.0	211.2	197.2	141.0	84.9
100°	503.2	227.1	214.4	163.5	112.5
102.5°	522.9	242.9	231.1	183.6	136.0
105°	537.7	266.6	256.5	216.3	176.0
107.5°	540.4	301.3	292.0	254.4	216.9
110°	536.3	320.7	312.2	278.4	244.5



TEST NUMBER: P935718

CATALOG NUMBER: SQ4-FA-125U-125D-840-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	536.4	344.2	336.1	303.9	271.6
115°	541.4	379.6	372.2	342.3	312.5
117.5°	551.5	413.9	407.2	380.1	353.0
120°	559.7	433.8	427.5	402.0	376.5
122.5°	571.5	457.3	450.9	425.2	399.5
125°	587.3	487.5	481.6	458.2	434.8
127.5°	603.1	516.6	510.7	487.1	463.5
130°	614.7	536.1	529.8	504.3	478.8
132.5°	624.1	552.0	545.7	520.2	494.7
135°	634.3	570.4	564.5	541.4	518.2
137.5°	649.6	593.9	588.2	565.1	542.2
140°	659.1	609.8	604.5	583.3	562.2
142.5°	666.9	621.6	616.6	597.0	577.5
145°	677.1	639.4	635.2	618.1	601.1
147.5°	692.1	662.0	657.8	641.2	624.6
150°	700.0	673.7	670.0	654.9	639.9
152.5°	705.1	681.4	678.6	667.2	655.8
155°	716.3	698.2	696.1	687.7	679.3
157.5°	727.6	715.1	713.0	704.9	696.7
160°	732.7	722.8	721.2	714.8	708.5
162.5°	738.1	731.0	729.8	725.0	720.3
165°	746.0	742.8	741.7	737.3	733.0
167.5°	752.2	749.4	748.9	746.8	744.9
170°	757.3	757.1	756.6	754.5	752.5
172.5°	757.6	757.6	757.5	757.0	756.6
175°	760.7	762.2	762.2	762.2	762.2
177.5°	761.1	762.2	762.2	762.2	762.2
180°	762.2	762.2	762.2	762.2	762.2



TEST NUMBER: P935718  
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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	14.34	15.18	15.31	16.17	17.47	17.13	17.98	18.11	18.97	20.26
	3H	14.81	15.57	15.80	16.57	17.89	18.47	19.23	19.45	20.22	21.54
	4H	15.00	15.72	16.00	16.72	18.05	18.91	19.62	19.90	20.62	21.95
	6H	15.12	15.78	16.13	16.79	18.13	19.18	19.84	20.19	20.85	22.19
	8H	15.12	15.75	16.14	16.77	18.11	19.25	19.88	20.27	20.90	22.24
	12H	15.09	15.69	16.11	16.71	18.07	19.29	19.88	20.30	20.90	22.26
4H	2H	15.36	16.08	16.36	17.08	18.40	17.54	18.26	18.55	19.26	20.59
	3H	16.38	16.98	17.40	18.01	19.35	19.04	19.63	20.05	20.66	22.00
	4H	16.66	17.21	17.68	18.23	19.59	19.56	20.10	20.58	21.13	22.49
	6H	16.79	17.25	17.82	18.30	19.66	19.91	20.38	20.95	21.43	22.79
	8H	16.79	17.23	17.82	18.27	19.64	20.02	20.45	21.05	21.49	22.87
	12H	16.76	17.15	17.81	18.21	19.59	20.07	20.46	21.12	21.52	22.90
8H	4H	17.11	17.55	18.14	18.58	19.96	19.68	20.12	20.72	21.16	22.53
	6H	17.37	17.73	18.42	18.81	20.18	20.11	20.47	21.17	21.55	22.93
	8H	17.41	17.73	18.48	18.79	20.19	20.26	20.58	21.32	21.64	23.03
	12H	17.39	17.67	18.46	18.73	20.17	20.35	20.63	21.42	21.69	23.12
12H	4H	17.11	17.51	18.16	18.56	19.94	19.65	20.04	20.70	21.09	22.48
	6H	17.43	17.75	18.49	18.81	20.20	20.11	20.43	21.17	21.49	22.88
	8H	17.49	17.77	18.56	18.83	20.27	20.26	20.54	21.33	21.60	23.04