

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: P935782

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935782
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-B2750-1D-UNV-STD-W-4-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

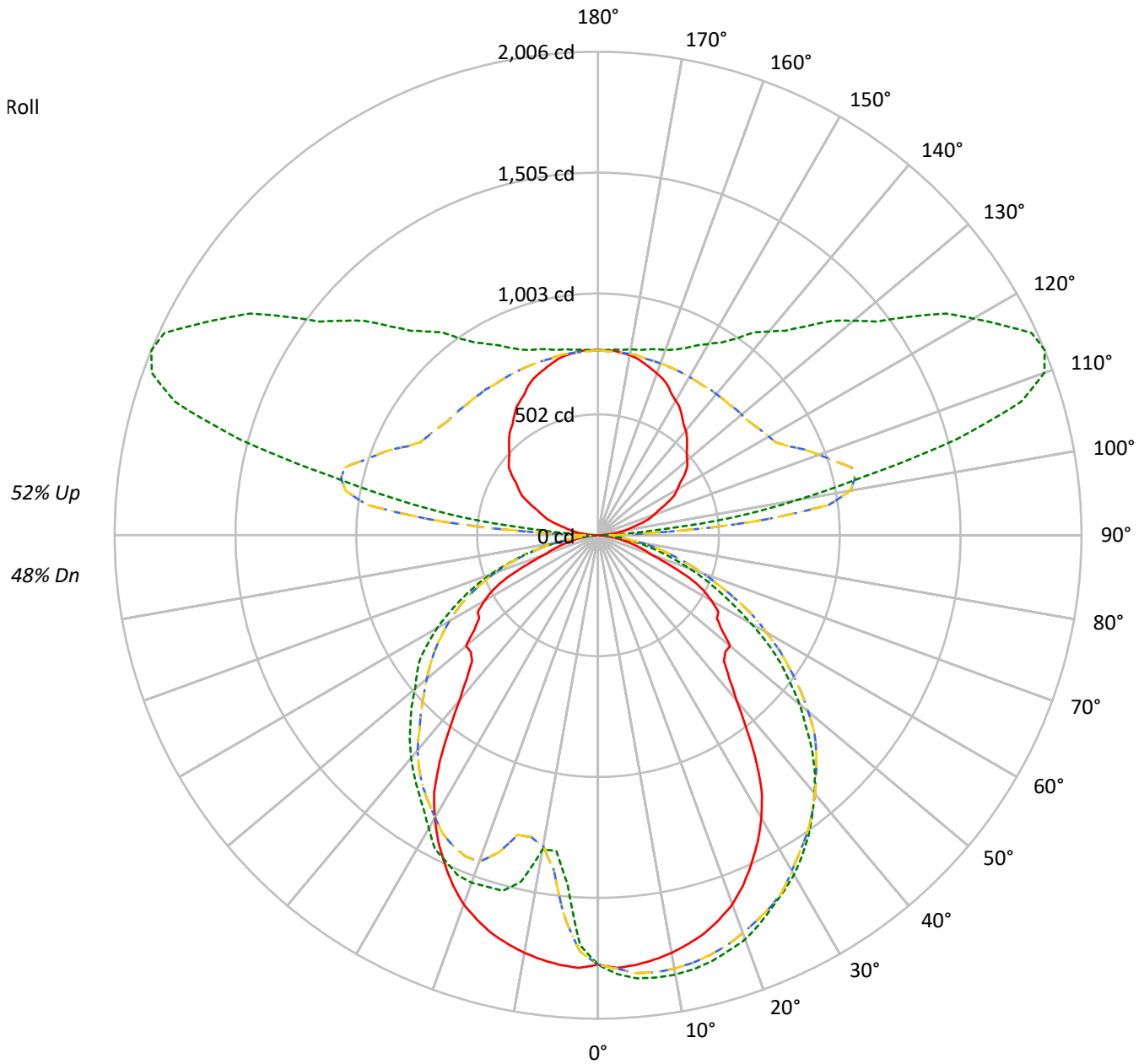
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9603.4 lumens
Efficiency: N/A
Efficacy: 127.7 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	
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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21
6	63	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16532	16532	16532	16532
5°	16637	16689	16637	13123
10°	16508	16439	16508	11753
15°	16309	16083	16309	13429
20°	15951	15661	15951	13457
25°	15233	15045	15233	13172
30°	14314	14535	14314	12547
35°	12742	13889	12742	11858
40°	10598	13127	10598	11339
45°	9451	12238	9451	10741
50°	10017	11175	10017	10140
55°	9400	10031	9400	9794
60°	9654	8520	9654	8970
65°	8711	7043	8711	7873
70°	5991	5613	5991	6598
75°	5198	4148	5198	4968
80°	4100	2743	4100	2985
85°	2236	1452	2236	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14514 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.8	1.7
10°-20°	456.6	4.8
20°-30°	705.9	7.3
30°-40°	842.6	8.8
40°-50°	847.6	8.8
50°-60°	737.5	7.7
60°-70°	522.9	5.4
70°-80°	276.6	2.9
80°-90°	71.8	0.7
90°-100°	374.5	3.9
100°-110°	984.7	10.3
110°-120°	1021.0	10.6
120°-130°	819.0	8.5
130°-140°	642.6	6.7
140°-150°	493.2	5.1
150°-160°	355.2	3.7
160°-170°	217.3	2.3
170°-180°	73.4	0.8
0°-30°	1323.3	13.8
0°-40°	2165.9	22.6
0°-60°	3751.0	39.1
0°-90°	4622.4	48.1
90°-120°	2380.3	24.8
90°-150°	4335.1	45.1
90°-180°	4981.0	51.9
0°-180°	9603.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1782	1782	1782	1782	1782	
5°	1790	1846	1790	1451	1790	170
15°	1709	1829	1709	1527	1709	481
25°	1505	1706	1505	1493	1505	691
35°	1144	1522	1144	1300	1144	708
45°	738	1254	738	1101	738	591
55°	602	925	602	904	602	553
65°	418	558	418	624	418	399
75°	158	265	158	317	158	167
85°	27	67	27	57	27	36
90°	5	20	5	20	5	5
95°	50	226	50	226	50	55
105°	177	1542	177	1542	177	188
115°	315	1985	315	1985	315	311
125°	438	1581	438	1581	438	389
135°	522	1227	522	1227	522	404
145°	606	995	606	995	606	380
155°	685	857	685	857	685	315
165°	739	798	739	798	739	209
175°	768	774	768	774	768	73
180°	768	768	768	768	768	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6
2.5°	1796.8	1796.8	1806.9	1810.3	1810.3	1805.2	1800.2	1805.2	1820.4	1825.5	1823.8
5°	1790.0	1803.6	1822.1	1825.5	1828.9	1827.2	1823.8	1827.2	1844.0	1847.4	1849.1
7.5°	1776.6	1801.9	1825.5	1830.5	1835.5	1830.5	1828.9	1832.2	1849.1	1852.5	1852.5
10°	1759.7	1795.1	1822.1	1825.5	1830.5	1825.5	1825.5	1832.2	1849.1	1852.5	1854.2
12.5°	1736.1	1785.0	1810.3	1813.6	1820.4	1818.7	1817.0	1823.8	1840.6	1844.0	1844.0
15°	1709.1	1766.5	1790.0	1793.4	1805.2	1801.9	1801.9	1808.6	1827.2	1832.2	1830.5
17.5°	1672.1	1742.9	1769.8	1774.9	1783.3	1781.6	1783.3	1790.0	1806.9	1810.3	1811.9
20°	1630.0	1710.8	1742.9	1747.9	1756.3	1756.3	1756.3	1764.8	1781.6	1788.4	1788.4
22.5°	1572.6	1677.2	1710.8	1714.2	1724.3	1724.3	1727.7	1739.5	1754.7	1756.3	1756.3
25°	1505.2	1640.0	1668.7	1678.9	1688.9	1694.0	1699.1	1705.7	1710.8	1709.1	1710.8
27.5°	1434.4	1592.8	1630.0	1636.6	1650.2	1655.3	1661.9	1663.6	1665.3	1670.4	1667.0
30°	1355.2	1527.1	1582.7	1589.5	1611.4	1614.7	1608.0	1611.4	1619.8	1623.2	1626.6
32.5°	1265.8	1429.4	1533.8	1549.0	1569.3	1559.1	1557.4	1562.5	1576.0	1576.0	1579.4
35°	1144.5	1353.5	1488.3	1501.9	1517.0	1505.2	1511.9	1513.6	1522.1	1527.1	1525.5
37.5°	1011.3	1287.7	1441.1	1451.3	1463.0	1447.9	1458.0	1463.0	1469.8	1466.4	1466.4
40°	893.3	1184.9	1385.5	1392.3	1402.4	1390.6	1400.7	1404.1	1407.4	1404.1	1402.4
42.5°	805.7	1072.0	1326.6	1334.9	1328.2	1336.6	1340.0	1346.8	1341.7	1334.9	1334.9
45°	738.2	1041.7	1262.4	1272.6	1262.4	1276.0	1281.1	1281.1	1265.8	1262.4	1260.8
47.5°	716.3	981.0	1198.4	1198.4	1193.4	1210.2	1218.6	1206.9	1191.7	1186.6	1186.6
50°	714.6	913.5	1110.7	1104.1	1127.7	1147.9	1139.4	1127.7	1115.8	1097.3	1097.3
52.5°	648.9	831.0	997.9	1023.1	1060.2	1072.0	1058.5	1046.7	1026.5	1018.1	1011.3
55°	601.8	745.0	895.0	945.6	984.3	999.5	974.3	962.4	932.2	927.1	923.7
57.5°	591.6	620.3	800.7	864.7	911.8	910.2	895.0	873.1	847.8	842.8	841.1
60°	542.7	448.4	699.5	775.4	824.2	819.2	805.7	785.4	761.8	758.5	755.2
62.5°	492.2	325.3	584.9	670.8	739.9	738.2	726.5	696.1	679.3	670.8	664.1
65°	418.0	273.1	416.3	558.0	657.4	660.7	635.4	613.5	595.0	584.9	583.2
67.5°	318.5	222.5	281.5	465.2	578.2	574.8	542.7	532.7	509.1	504.0	493.9
70°	236.0	148.3	195.5	377.6	500.6	492.2	466.9	455.1	433.2	421.4	414.6
72.5°	195.5	119.7	143.2	293.3	421.4	411.2	389.3	375.9	357.4	347.2	340.4
75°	158.5	126.4	109.6	217.4	342.1	335.5	315.2	301.7	286.5	273.1	274.7
77.5°	116.3	118.0	87.6	160.2	271.4	261.3	249.5	232.6	225.9	212.3	212.3
80°	87.6	92.7	65.7	109.6	195.5	195.5	185.5	173.6	161.8	155.1	155.1
82.5°	59.0	59.0	48.9	69.1	133.2	128.1	121.3	118.0	111.3	107.9	107.9
85°	27.0	33.7	30.4	42.1	72.5	75.9	75.9	72.5	70.8	67.4	69.1
87.5°	8.5	15.1	18.5	23.6	37.1	38.7	40.4	40.4	40.4	42.1	42.1
90°	5.2	9.3	13.4	14.4	22.7	33.7	39.1	34.8	26.1	19.6	19.6
92.5°	20.6	55.7	90.7	99.5	139.9	193.8	220.7	193.4	138.9	98.0	94.1
95°	49.5	113.6	177.9	193.9	344.3	544.8	645.1	575.7	436.8	332.7	320.8
97.5°	85.6	142.1	198.8	212.9	463.7	798.1	965.3	921.4	833.7	767.8	745.4
100°	113.4	164.8	216.1	229.0	507.3	878.3	1063.8	1067.0	1073.5	1078.3	1051.5
102.5°	137.1	185.1	233.0	244.9	527.2	903.6	1091.7	1147.7	1259.5	1343.4	1320.5
105°	177.4	218.0	258.6	268.7	542.0	906.5	1088.6	1214.0	1464.7	1652.8	1640.4
107.5°	218.6	256.5	294.3	303.8	544.8	866.1	1026.8	1201.7	1551.4	1813.6	1816.6
110°	246.5	280.7	314.7	323.3	540.6	830.4	975.2	1170.7	1561.7	1855.0	1867.8



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	273.8	306.4	338.8	347.0	540.7	799.1	928.3	1128.4	1528.6	1828.7	1848.4
115°	315.0	345.1	375.2	382.7	545.8	763.2	872.0	1064.7	1450.3	1739.4	1766.7
117.5°	355.9	383.2	410.5	417.2	556.0	740.9	833.4	1007.3	1355.2	1616.1	1646.4
120°	379.6	405.3	431.0	437.3	564.2	733.4	817.9	976.9	1294.7	1533.1	1562.6
122.5°	402.8	428.7	454.6	461.0	576.1	729.4	806.1	949.2	1235.4	1450.1	1479.2
125°	438.3	461.9	485.6	491.4	592.0	726.1	793.1	914.7	1157.8	1340.2	1367.0
127.5°	467.2	491.0	514.8	520.8	608.0	724.2	782.3	886.6	1095.5	1252.1	1274.7
130°	482.7	508.4	534.1	540.4	619.7	725.4	778.2	871.1	1057.0	1196.4	1217.2
132.5°	498.7	524.4	550.1	556.5	629.2	726.1	774.6	857.8	1024.2	1149.0	1167.6
135°	522.4	545.8	569.1	575.0	639.4	725.4	768.4	838.1	977.5	1082.0	1098.1
137.5°	546.6	569.7	592.9	598.7	654.9	729.9	767.3	826.2	944.0	1032.4	1045.5
140°	566.7	588.0	609.4	614.7	664.4	730.7	763.7	814.6	916.4	992.7	1005.1
142.5°	582.2	601.9	621.6	626.6	672.3	733.3	763.7	808.5	897.8	964.8	975.4
145°	606.0	623.1	640.3	644.6	682.6	733.3	758.6	795.1	868.2	923.1	931.2
147.5°	629.7	646.4	663.1	667.3	697.7	738.2	758.6	787.3	844.9	888.0	894.7
150°	645.1	660.2	675.4	679.2	705.7	740.9	758.6	782.9	831.5	867.9	873.3
152.5°	661.1	672.6	684.1	686.9	710.8	742.6	758.6	779.3	820.8	851.9	856.0
155°	684.8	693.3	701.8	703.9	722.1	746.4	758.6	775.1	808.1	832.9	835.5
157.5°	702.4	710.6	718.8	720.9	733.5	750.2	758.6	771.4	797.1	816.3	818.2
160°	714.2	720.6	727.1	728.7	738.6	751.9	758.6	769.5	791.5	808.1	809.2
162.5°	726.1	730.9	735.7	736.9	744.1	753.8	758.6	767.8	786.4	800.4	801.4
165°	738.9	743.3	747.7	748.8	752.1	756.4	758.6	765.2	778.5	788.4	789.5
167.5°	750.9	752.9	755.0	755.5	758.3	761.9	763.7	768.1	776.8	783.4	783.9
170°	758.6	760.6	762.7	763.2	763.4	763.6	763.7	768.1	776.8	783.4	783.4
172.5°	762.7	763.1	763.6	763.7	763.7	763.7	763.7	767.1	774.0	779.2	778.8
175°	768.4	768.4	768.4	768.4	766.8	764.7	763.7	765.9	770.2	773.5	773.5
177.5°	768.4	768.4	768.4	768.4	767.2	765.5	764.7	766.4	769.9	772.5	772.0
180°	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6
2.5°	1827.2	1822.1	1827.2	1823.8	1825.5	1820.4	1805.2	1800.2	1805.2	1810.3	1810.3
5°	1849.1	1845.7	1849.1	1849.1	1847.4	1844.0	1827.2	1823.8	1827.2	1828.9	1825.5
7.5°	1855.7	1850.8	1855.7	1852.5	1852.5	1849.1	1832.2	1828.9	1830.5	1835.5	1830.5
10°	1855.7	1850.8	1855.7	1854.2	1852.5	1849.1	1832.2	1825.5	1825.5	1830.5	1825.5
12.5°	1847.4	1844.0	1847.4	1844.0	1844.0	1840.6	1823.8	1817.0	1818.7	1820.4	1813.6
15°	1833.8	1828.9	1833.8	1830.5	1832.2	1827.2	1808.6	1801.9	1801.9	1805.2	1793.4
17.5°	1813.6	1806.9	1813.6	1811.9	1810.3	1806.9	1790.0	1783.3	1781.6	1783.3	1774.9
20°	1790.0	1785.0	1790.0	1788.4	1788.4	1781.6	1764.8	1756.3	1756.3	1756.3	1747.9
22.5°	1753.0	1747.9	1753.0	1756.3	1756.3	1754.7	1739.5	1727.7	1724.3	1724.3	1714.2
25°	1710.8	1705.7	1710.8	1710.8	1709.1	1710.8	1705.7	1699.1	1694.0	1688.9	1678.9
27.5°	1670.4	1667.0	1670.4	1667.0	1670.4	1665.3	1663.6	1661.9	1655.3	1650.2	1636.6
30°	1630.0	1626.6	1630.0	1626.6	1623.2	1619.8	1611.4	1608.0	1614.7	1611.4	1589.5
32.5°	1579.4	1576.0	1579.4	1579.4	1576.0	1576.0	1562.5	1557.4	1559.1	1569.3	1549.0
35°	1527.1	1522.1	1527.1	1525.5	1527.1	1522.1	1513.6	1511.9	1505.2	1517.0	1501.9
37.5°	1466.4	1461.3	1466.4	1466.4	1466.4	1469.8	1463.0	1458.0	1447.9	1463.0	1451.3
40°	1404.1	1397.3	1404.1	1402.4	1404.1	1407.4	1404.1	1400.7	1390.6	1402.4	1392.3
42.5°	1333.2	1331.6	1333.2	1334.9	1334.9	1341.7	1346.8	1340.0	1336.6	1328.2	1334.9
45°	1257.4	1254.1	1257.4	1260.8	1262.4	1265.8	1281.1	1281.1	1276.0	1262.4	1272.6
47.5°	1176.5	1168.1	1176.5	1186.6	1186.6	1191.7	1206.9	1218.6	1210.2	1193.4	1198.4
50°	1090.5	1092.2	1090.5	1097.3	1097.3	1115.8	1127.7	1139.4	1147.9	1127.7	1104.1
52.5°	1006.3	1004.6	1006.3	1011.3	1018.1	1026.5	1046.7	1058.5	1072.0	1060.2	1023.1
55°	922.0	925.4	922.0	923.7	927.1	932.2	962.4	974.3	999.5	984.3	945.6
57.5°	837.7	832.7	837.7	841.1	842.8	847.8	873.1	895.0	910.2	911.8	864.7
60°	739.9	733.3	739.9	755.2	758.5	761.8	785.4	805.7	819.2	824.2	775.4
62.5°	654.0	642.2	654.0	664.1	670.8	679.3	696.1	726.5	738.2	739.9	670.8
65°	562.9	558.0	562.9	583.2	584.9	595.0	613.5	635.4	660.7	657.4	558.0
67.5°	480.4	480.4	480.4	493.9	504.0	509.1	532.7	542.7	574.8	578.2	465.2
70°	404.6	402.9	404.6	414.6	421.4	433.2	455.1	466.9	492.2	500.6	377.6
72.5°	332.1	330.4	332.1	340.4	347.2	357.4	375.9	389.3	411.2	421.4	293.3
75°	268.0	264.6	268.0	274.7	273.1	286.5	301.7	315.2	335.5	342.1	217.4
77.5°	205.7	205.7	205.7	212.3	212.3	225.9	232.6	249.5	261.3	271.4	160.2
80°	153.4	151.7	153.4	155.1	155.1	161.8	173.6	185.5	195.5	195.5	109.6
82.5°	107.9	104.5	107.9	107.9	107.9	111.3	118.0	121.3	128.1	133.2	69.1
85°	67.4	67.4	67.4	69.1	67.4	70.8	72.5	75.9	75.9	72.5	42.1
87.5°	43.8	42.1	43.8	42.1	42.1	40.4	40.4	40.4	38.7	37.1	23.6
90°	19.6	19.6	19.6	19.6	19.6	26.1	34.8	39.1	33.7	22.7	14.4
92.5°	78.5	62.9	78.5	94.1	98.0	138.9	193.4	220.7	193.8	139.9	99.5
95°	273.6	226.4	273.6	320.8	332.7	436.8	575.7	645.1	544.8	344.3	193.9
97.5°	655.6	565.7	655.6	745.4	767.8	833.7	921.4	965.3	798.1	463.7	212.9
100°	944.5	837.4	944.5	1051.5	1078.3	1073.5	1067.0	1063.8	878.3	507.3	229.0
102.5°	1228.8	1137.1	1228.8	1320.5	1343.4	1259.5	1147.7	1091.7	903.6	527.2	244.9
105°	1591.2	1541.9	1591.2	1640.4	1652.8	1464.7	1214.0	1088.6	906.5	542.0	268.7
107.5°	1828.6	1840.5	1828.6	1816.6	1813.6	1551.4	1201.7	1026.8	866.1	544.8	303.8
110°	1919.1	1970.4	1919.1	1867.8	1855.0	1561.7	1170.7	975.2	830.4	540.6	323.3



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1927.2	2006.0	1927.2	1848.4	1828.7	1528.6	1128.4	928.3	799.1	540.7	347.0
115°	1876.1	1985.4	1876.1	1766.7	1739.4	1450.3	1064.7	872.0	763.2	545.8	382.7
117.5°	1767.7	1888.9	1767.7	1646.4	1616.1	1355.2	1007.3	833.4	740.9	556.0	417.2
120°	1680.4	1798.2	1680.4	1562.6	1533.1	1294.7	976.9	817.9	733.4	564.2	437.3
122.5°	1595.3	1711.5	1595.3	1479.2	1450.1	1235.4	949.2	806.1	729.4	576.1	461.0
125°	1474.0	1581.1	1474.0	1367.0	1340.2	1157.8	914.7	793.1	726.1	592.0	491.4
127.5°	1364.9	1455.3	1364.9	1274.7	1252.1	1095.5	886.6	782.3	724.2	608.0	520.8
130°	1300.7	1384.1	1300.7	1217.2	1196.4	1057.0	871.1	778.2	725.4	619.7	540.4
132.5°	1242.3	1317.0	1242.3	1167.6	1149.0	1024.2	857.8	774.6	726.1	629.2	556.5
135°	1162.4	1226.8	1162.4	1098.1	1082.0	977.5	838.1	768.4	725.4	639.4	575.0
137.5°	1098.3	1151.0	1098.3	1045.5	1032.4	944.0	826.2	767.3	729.9	654.9	598.7
140°	1054.3	1103.6	1054.3	1005.1	992.7	916.4	814.6	763.7	730.7	664.4	614.7
142.5°	1017.8	1060.2	1017.8	975.4	964.8	897.8	808.5	763.7	733.3	672.3	626.6
145°	963.2	995.3	963.2	931.2	923.1	868.2	795.1	758.6	733.3	682.6	644.6
147.5°	921.2	947.8	921.2	894.7	888.0	844.9	787.3	758.6	738.2	697.7	667.3
150°	894.9	916.4	894.9	873.3	867.9	831.5	782.9	758.6	740.9	705.7	679.2
152.5°	872.2	888.5	872.2	856.0	851.9	820.8	779.3	758.6	742.6	710.8	686.9
155°	846.3	857.1	846.3	835.5	832.9	808.1	775.1	758.6	746.4	722.1	703.9
157.5°	825.8	833.4	825.8	818.2	816.3	797.1	771.4	758.6	750.2	733.5	720.9
160°	813.5	817.9	813.5	809.2	808.1	791.5	769.5	758.6	751.9	738.6	728.7
162.5°	805.6	809.6	805.6	801.4	800.4	786.4	767.8	758.6	753.8	744.1	736.9
165°	793.9	798.3	793.9	789.5	788.4	778.5	765.2	758.6	756.4	752.1	748.8
167.5°	785.6	787.4	785.6	783.9	783.4	776.8	768.1	763.7	761.9	758.3	755.5
170°	783.4	783.4	783.4	783.4	783.4	776.8	768.1	763.7	763.6	763.4	763.2
172.5°	777.2	775.6	777.2	778.8	779.2	774.0	767.1	763.7	763.7	763.7	763.7
175°	773.5	773.5	773.5	773.5	773.5	770.2	765.9	763.7	764.7	766.8	768.4
177.5°	770.2	768.4	770.2	772.0	772.5	769.9	766.4	764.7	765.5	767.2	768.4
180°	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6
2.5°	1806.9	1796.8	1796.8	1780.0	1773.2	1768.1	1759.7	1734.4	1727.7	1721.0	1731.0
5°	1822.1	1803.6	1790.0	1759.7	1734.4	1724.3	1692.3	1631.6	1591.2	1560.8	1544.0
7.5°	1825.5	1801.9	1776.6	1729.4	1668.7	1641.7	1544.0	1432.7	1402.4	1375.4	1358.5
10°	1822.1	1795.1	1759.7	1688.9	1545.7	1498.5	1400.7	1328.2	1309.6	1304.7	1309.6
12.5°	1810.3	1785.0	1736.1	1618.1	1417.5	1385.5	1328.2	1286.0	1282.7	1291.1	1336.6
15°	1790.0	1766.5	1709.1	1523.8	1346.8	1323.2	1282.7	1267.5	1286.0	1345.1	1481.6
17.5°	1769.8	1742.9	1672.1	1431.1	1292.8	1276.0	1247.3	1277.7	1382.1	1461.3	1506.8
20°	1742.9	1710.8	1630.0	1363.6	1254.1	1238.9	1225.4	1361.9	1441.1	1469.8	1495.1
22.5°	1710.8	1677.2	1572.6	1316.4	1213.6	1201.8	1210.2	1409.1	1441.1	1461.3	1483.2
25°	1668.7	1640.0	1505.2	1279.4	1181.6	1168.1	1200.1	1404.1	1422.6	1427.7	1471.5
27.5°	1630.0	1592.8	1434.4	1245.6	1142.8	1137.7	1208.5	1382.1	1395.6	1400.7	1447.9
30°	1582.7	1527.1	1355.2	1210.2	1102.4	1100.7	1210.2	1355.2	1351.8	1365.3	1412.5
32.5°	1533.8	1429.4	1265.8	1166.4	1063.6	1061.9	1198.4	1314.7	1311.3	1329.9	1365.3
35°	1488.3	1353.5	1144.5	1115.8	1014.7	1016.4	1169.8	1267.5	1269.2	1286.0	1307.9
37.5°	1441.1	1287.7	1011.3	1060.2	967.5	967.5	1131.0	1223.7	1220.3	1225.4	1255.8
40°	1385.5	1184.9	893.3	987.7	923.7	918.6	1083.8	1176.5	1164.7	1163.0	1205.2
42.5°	1326.6	1072.0	805.7	891.6	873.1	866.4	1026.5	1119.2	1097.3	1102.4	1156.3
45°	1262.4	1041.7	738.2	753.5	820.9	815.8	964.1	1053.5	1038.3	1051.8	1107.5
47.5°	1198.4	981.0	716.3	625.4	765.2	763.5	895.0	989.4	981.0	994.5	1053.5
50°	1110.7	913.5	714.6	536.0	702.9	709.6	812.4	927.1	927.1	938.8	1001.2
52.5°	997.9	831.0	648.9	485.5	630.4	650.6	739.9	873.1	876.5	888.3	943.9
55°	895.0	745.0	601.8	446.7	544.4	588.2	669.2	817.5	824.2	836.0	886.6
57.5°	800.7	620.3	591.6	401.2	465.2	507.4	606.8	763.5	766.9	777.1	825.9
60°	699.5	448.4	542.7	352.3	396.1	428.1	549.5	699.5	711.3	718.0	760.1
62.5°	584.9	325.3	492.2	318.5	362.3	369.1	502.3	638.8	654.0	659.1	684.4
65°	416.3	273.1	418.0	289.9	327.0	328.7	451.7	576.5	589.9	598.4	616.9
67.5°	281.5	222.5	318.5	262.9	300.0	301.7	402.9	504.0	522.5	529.3	541.0
70°	195.5	148.3	236.0	234.3	269.7	273.1	350.6	438.2	455.1	460.2	466.9
72.5°	143.2	119.7	195.5	210.7	237.6	241.0	296.6	364.0	381.0	386.0	389.3
75°	109.6	126.4	158.5	183.8	202.3	204.0	242.7	296.6	308.5	311.8	313.5
77.5°	87.6	118.0	116.3	148.3	165.1	161.8	190.4	229.3	239.3	239.3	239.3
80°	65.7	92.7	87.6	106.2	121.3	118.0	136.6	163.5	166.8	170.2	168.5
82.5°	48.9	59.0	59.0	67.4	80.9	77.5	91.0	106.2	106.2	106.2	109.6
85°	30.4	33.7	27.0	35.4	45.5	43.8	50.6	57.3	59.0	59.0	55.6
87.5°	18.5	15.1	8.5	13.4	20.2	20.2	23.6	25.3	23.6	23.6	23.6
90°	13.4	9.3	5.2	9.3	13.4	14.4	22.7	33.7	39.1	34.8	26.1
92.5°	90.7	55.7	20.6	55.7	90.7	99.5	139.9	193.8	220.7	193.4	138.9
95°	177.9	113.6	49.5	113.6	177.9	193.9	344.3	544.8	645.1	575.7	436.8
97.5°	198.8	142.1	85.6	142.1	198.8	212.9	463.7	798.1	965.3	921.4	833.7
100°	216.1	164.8	113.4	164.8	216.1	229.0	507.3	878.3	1063.8	1067.0	1073.5
102.5°	233.0	185.1	137.1	185.1	233.0	244.9	527.2	903.6	1091.7	1147.7	1259.5
105°	258.6	218.0	177.4	218.0	258.6	268.7	542.0	906.5	1088.6	1214.0	1464.7
107.5°	294.3	256.5	218.6	256.5	294.3	303.8	544.8	866.1	1026.8	1201.7	1551.4
110°	314.7	280.7	246.5	280.7	314.7	323.3	540.6	830.4	975.2	1170.7	1561.7



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	338.8	306.4	273.8	306.4	338.8	347.0	540.7	799.1	928.3	1128.4	1528.6
115°	375.2	345.1	315.0	345.1	375.2	382.7	545.8	763.2	872.0	1064.7	1450.3
117.5°	410.5	383.2	355.9	383.2	410.5	417.2	556.0	740.9	833.4	1007.3	1355.2
120°	431.0	405.3	379.6	405.3	431.0	437.3	564.2	733.4	817.9	976.9	1294.7
122.5°	454.6	428.7	402.8	428.7	454.6	461.0	576.1	729.4	806.1	949.2	1235.4
125°	485.6	461.9	438.3	461.9	485.6	491.4	592.0	726.1	793.1	914.7	1157.8
127.5°	514.8	491.0	467.2	491.0	514.8	520.8	608.0	724.2	782.3	886.6	1095.5
130°	534.1	508.4	482.7	508.4	534.1	540.4	619.7	725.4	778.2	871.1	1057.0
132.5°	550.1	524.4	498.7	524.4	550.1	556.5	629.2	726.1	774.6	857.8	1024.2
135°	569.1	545.8	522.4	545.8	569.1	575.0	639.4	725.4	768.4	838.1	977.5
137.5°	592.9	569.7	546.6	569.7	592.9	598.7	654.9	729.9	767.3	826.2	944.0
140°	609.4	588.0	566.7	588.0	609.4	614.7	664.4	730.7	763.7	814.6	916.4
142.5°	621.6	601.9	582.2	601.9	621.6	626.6	672.3	733.3	763.7	808.5	897.8
145°	640.3	623.1	606.0	623.1	640.3	644.6	682.6	733.3	758.6	795.1	868.2
147.5°	663.1	646.4	629.7	646.4	663.1	667.3	697.7	738.2	758.6	787.3	844.9
150°	675.4	660.2	645.1	660.2	675.4	679.2	705.7	740.9	758.6	782.9	831.5
152.5°	684.1	672.6	661.1	672.6	684.1	686.9	710.8	742.6	758.6	779.3	820.8
155°	701.8	693.3	684.8	693.3	701.8	703.9	722.1	746.4	758.6	775.1	808.1
157.5°	718.8	710.6	702.4	710.6	718.8	720.9	733.5	750.2	758.6	771.4	797.1
160°	727.1	720.6	714.2	720.6	727.1	728.7	738.6	751.9	758.6	769.5	791.5
162.5°	735.7	730.9	726.1	730.9	735.7	736.9	744.1	753.8	758.6	767.8	786.4
165°	747.7	743.3	738.9	743.3	747.7	748.8	752.1	756.4	758.6	765.2	778.5
167.5°	755.0	752.9	750.9	752.9	755.0	755.5	758.3	761.9	763.7	768.1	776.8
170°	762.7	760.6	758.6	760.6	762.7	763.2	763.4	763.6	763.7	768.1	776.8
172.5°	763.6	763.1	762.7	763.1	763.6	763.7	763.7	763.7	763.7	767.1	774.0
175°	768.4	768.4	768.4	768.4	768.4	768.4	766.8	764.7	763.7	765.9	770.2
177.5°	768.4	768.4	768.4	768.4	768.4	768.4	767.2	765.5	764.7	766.4	769.9
180°	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6	1781.6
2.5°	1719.3	1714.2	1721.0	1702.4	1721.0	1714.2	1719.3	1731.0	1721.0	1727.7	1734.4
5°	1508.5	1500.2	1473.2	1451.3	1473.2	1500.2	1508.5	1544.0	1560.8	1591.2	1631.6
7.5°	1348.5	1341.7	1334.9	1321.5	1334.9	1341.7	1348.5	1358.5	1375.4	1402.4	1432.7
10°	1313.0	1314.7	1324.9	1323.2	1324.9	1314.7	1313.0	1309.6	1304.7	1309.6	1328.2
12.5°	1404.1	1419.2	1474.9	1471.5	1474.9	1419.2	1404.1	1336.6	1291.1	1282.7	1286.0
15°	1508.5	1513.6	1525.5	1527.1	1525.5	1513.6	1508.5	1481.6	1345.1	1286.0	1267.5
17.5°	1518.7	1520.4	1528.8	1528.8	1528.8	1520.4	1518.7	1506.8	1461.3	1382.1	1277.7
20°	1510.2	1513.6	1530.5	1533.8	1530.5	1513.6	1510.2	1495.1	1469.8	1441.1	1361.9
22.5°	1506.8	1513.6	1527.1	1525.5	1527.1	1513.6	1506.8	1483.2	1461.3	1441.1	1409.1
25°	1490.0	1490.0	1491.7	1493.4	1491.7	1490.0	1490.0	1471.5	1427.7	1422.6	1404.1
27.5°	1454.7	1458.0	1468.1	1466.4	1468.1	1458.0	1454.7	1447.9	1400.7	1395.6	1382.1
30°	1422.6	1419.2	1410.8	1404.1	1410.8	1419.2	1422.6	1412.5	1365.3	1351.8	1355.2
32.5°	1368.7	1360.2	1351.8	1346.8	1351.8	1360.2	1368.7	1365.3	1329.9	1311.3	1314.7
35°	1304.7	1306.3	1304.7	1299.6	1304.7	1306.3	1304.7	1307.9	1286.0	1269.2	1267.5
37.5°	1259.1	1262.4	1260.8	1254.1	1260.8	1262.4	1259.1	1255.8	1225.4	1220.3	1223.7
40°	1211.9	1213.6	1211.9	1206.9	1211.9	1213.6	1211.9	1205.2	1163.0	1164.7	1176.5
42.5°	1166.4	1164.7	1159.6	1156.3	1159.6	1164.7	1166.4	1156.3	1102.4	1097.3	1119.2
45°	1114.1	1115.8	1105.8	1100.7	1105.8	1115.8	1114.1	1107.5	1051.8	1038.3	1053.5
47.5°	1061.9	1061.9	1053.5	1048.4	1053.5	1061.9	1061.9	1053.5	994.5	981.0	989.4
50°	1006.3	1004.6	992.8	991.1	992.8	1004.6	1006.3	1001.2	938.8	927.1	927.1
52.5°	942.2	942.2	943.9	947.3	943.9	942.2	942.2	943.9	888.3	876.5	873.1
55°	886.6	888.3	900.1	903.5	900.1	888.3	886.6	886.6	836.0	824.2	817.5
57.5°	829.3	829.3	837.7	837.7	837.7	829.3	829.3	825.9	777.1	766.9	763.5
60°	763.5	766.9	773.7	772.0	773.7	766.9	763.5	760.1	718.0	711.3	699.5
62.5°	694.4	697.8	699.5	696.1	699.5	697.8	694.4	684.4	659.1	654.0	638.8
65°	622.0	625.4	627.0	623.7	627.0	625.4	622.0	616.9	598.4	589.9	576.5
67.5°	547.8	546.1	544.4	551.2	544.4	546.1	547.8	541.0	529.3	522.5	504.0
70°	471.9	471.9	470.3	473.6	470.3	471.9	471.9	466.9	460.2	455.1	438.2
72.5°	391.0	389.3	396.1	391.0	396.1	389.3	391.0	389.3	386.0	381.0	364.0
75°	311.8	315.2	311.8	316.9	311.8	315.2	311.8	313.5	311.8	308.5	296.6
77.5°	237.6	241.0	237.6	237.6	237.6	241.0	237.6	239.3	239.3	239.3	229.3
80°	168.5	166.8	166.8	165.1	166.8	166.8	168.5	168.5	170.2	166.8	163.5
82.5°	107.9	106.2	106.2	109.6	106.2	106.2	107.9	109.6	106.2	106.2	106.2
85°	59.0	60.7	57.3	57.3	57.3	60.7	59.0	55.6	59.0	59.0	57.3
87.5°	21.9	20.2	20.2	20.2	20.2	20.2	21.9	23.6	23.6	23.6	25.3
90°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	26.1	34.8	39.1	33.7
92.5°	98.0	94.1	78.5	62.9	78.5	94.1	98.0	138.9	193.4	220.7	193.8
95°	332.7	320.8	273.6	226.4	273.6	320.8	332.7	436.8	575.7	645.1	544.8
97.5°	767.8	745.4	655.6	565.7	655.6	745.4	767.8	833.7	921.4	965.3	798.1
100°	1078.3	1051.5	944.5	837.4	944.5	1051.5	1078.3	1073.5	1067.0	1063.8	878.3
102.5°	1343.4	1320.5	1228.8	1137.1	1228.8	1320.5	1343.4	1259.5	1147.7	1091.7	903.6
105°	1652.8	1640.4	1591.2	1541.9	1591.2	1640.4	1652.8	1464.7	1214.0	1088.6	906.5
107.5°	1813.6	1816.6	1828.6	1840.5	1828.6	1816.6	1813.6	1551.4	1201.7	1026.8	866.1
110°	1855.0	1867.8	1919.1	1970.4	1919.1	1867.8	1855.0	1561.7	1170.7	975.2	830.4



TEST NUMBER: P935782

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1828.7	1848.4	1927.2	2006.0	1927.2	1848.4	1828.7	1528.6	1128.4	928.3	799.1
115°	1739.4	1766.7	1876.1	1985.4	1876.1	1766.7	1739.4	1450.3	1064.7	872.0	763.2
117.5°	1616.1	1646.4	1767.7	1888.9	1767.7	1646.4	1616.1	1355.2	1007.3	833.4	740.9
120°	1533.1	1562.6	1680.4	1798.2	1680.4	1562.6	1533.1	1294.7	976.9	817.9	733.4
122.5°	1450.1	1479.2	1595.3	1711.5	1595.3	1479.2	1450.1	1235.4	949.2	806.1	729.4
125°	1340.2	1367.0	1474.0	1581.1	1474.0	1367.0	1340.2	1157.8	914.7	793.1	726.1
127.5°	1252.1	1274.7	1364.9	1455.3	1364.9	1274.7	1252.1	1095.5	886.6	782.3	724.2
130°	1196.4	1217.2	1300.7	1384.1	1300.7	1217.2	1196.4	1057.0	871.1	778.2	725.4
132.5°	1149.0	1167.6	1242.3	1317.0	1242.3	1167.6	1149.0	1024.2	857.8	774.6	726.1
135°	1082.0	1098.1	1162.4	1226.8	1162.4	1098.1	1082.0	977.5	838.1	768.4	725.4
137.5°	1032.4	1045.5	1098.3	1151.0	1098.3	1045.5	1032.4	944.0	826.2	767.3	729.9
140°	992.7	1005.1	1054.3	1103.6	1054.3	1005.1	992.7	916.4	814.6	763.7	730.7
142.5°	964.8	975.4	1017.8	1060.2	1017.8	975.4	964.8	897.8	808.5	763.7	733.3
145°	923.1	931.2	963.2	995.3	963.2	931.2	923.1	868.2	795.1	758.6	733.3
147.5°	888.0	894.7	921.2	947.8	921.2	894.7	888.0	844.9	787.3	758.6	738.2
150°	867.9	873.3	894.9	916.4	894.9	873.3	867.9	831.5	782.9	758.6	740.9
152.5°	851.9	856.0	872.2	888.5	872.2	856.0	851.9	820.8	779.3	758.6	742.6
155°	832.9	835.5	846.3	857.1	846.3	835.5	832.9	808.1	775.1	758.6	746.4
157.5°	816.3	818.2	825.8	833.4	825.8	818.2	816.3	797.1	771.4	758.6	750.2
160°	808.1	809.2	813.5	817.9	813.5	809.2	808.1	791.5	769.5	758.6	751.9
162.5°	800.4	801.4	805.6	809.6	805.6	801.4	800.4	786.4	767.8	758.6	753.8
165°	788.4	789.5	793.9	798.3	793.9	789.5	788.4	778.5	765.2	758.6	756.4
167.5°	783.4	783.9	785.6	787.4	785.6	783.9	783.4	776.8	768.1	763.7	761.9
170°	783.4	783.4	783.4	783.4	783.4	783.4	783.4	776.8	768.1	763.7	763.6
172.5°	779.2	778.8	777.2	775.6	777.2	778.8	779.2	774.0	767.1	763.7	763.7
175°	773.5	773.5	773.5	773.5	773.5	773.5	773.5	770.2	765.9	763.7	764.7
177.5°	772.5	772.0	770.2	768.4	770.2	772.0	772.5	769.9	766.4	764.7	765.5
180°	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4	768.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1781.6	1781.6	1781.6	1781.6	1781.6
2.5°	1759.7	1768.1	1773.2	1780.0	1796.8
5°	1692.3	1724.3	1734.4	1759.7	1790.0
7.5°	1544.0	1641.7	1668.7	1729.4	1776.6
10°	1400.7	1498.5	1545.7	1688.9	1759.7
12.5°	1328.2	1385.5	1417.5	1618.1	1736.1
15°	1282.7	1323.2	1346.8	1523.8	1709.1
17.5°	1247.3	1276.0	1292.8	1431.1	1672.1
20°	1225.4	1238.9	1254.1	1363.6	1630.0
22.5°	1210.2	1201.8	1213.6	1316.4	1572.6
25°	1200.1	1168.1	1181.6	1279.4	1505.2
27.5°	1208.5	1137.7	1142.8	1245.6	1434.4
30°	1210.2	1100.7	1102.4	1210.2	1355.2
32.5°	1198.4	1061.9	1063.6	1166.4	1265.8
35°	1169.8	1016.4	1014.7	1115.8	1144.5
37.5°	1131.0	967.5	967.5	1060.2	1011.3
40°	1083.8	918.6	923.7	987.7	893.3
42.5°	1026.5	866.4	873.1	891.6	805.7
45°	964.1	815.8	820.9	753.5	738.2
47.5°	895.0	763.5	765.2	625.4	716.3
50°	812.4	709.6	702.9	536.0	714.6
52.5°	739.9	650.6	630.4	485.5	648.9
55°	669.2	588.2	544.4	446.7	601.8
57.5°	606.8	507.4	465.2	401.2	591.6
60°	549.5	428.1	396.1	352.3	542.7
62.5°	502.3	369.1	362.3	318.5	492.2
65°	451.7	328.7	327.0	289.9	418.0
67.5°	402.9	301.7	300.0	262.9	318.5
70°	350.6	273.1	269.7	234.3	236.0
72.5°	296.6	241.0	237.6	210.7	195.5
75°	242.7	204.0	202.3	183.8	158.5
77.5°	190.4	161.8	165.1	148.3	116.3
80°	136.6	118.0	121.3	106.2	87.6
82.5°	91.0	77.5	80.9	67.4	59.0
85°	50.6	43.8	45.5	35.4	27.0
87.5°	23.6	20.2	20.2	13.4	8.5
90°	22.7	14.4	13.4	9.3	5.2
92.5°	139.9	99.5	90.7	55.7	20.6
95°	344.3	193.9	177.9	113.6	49.5
97.5°	463.7	212.9	198.8	142.1	85.6
100°	507.3	229.0	216.1	164.8	113.4
102.5°	527.2	244.9	233.0	185.1	137.1
105°	542.0	268.7	258.6	218.0	177.4
107.5°	544.8	303.8	294.3	256.5	218.6
110°	540.6	323.3	314.7	280.7	246.5



TEST NUMBER: P935782

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	540.7	347.0	338.8	306.4	273.8
115°	545.8	382.7	375.2	345.1	315.0
117.5°	556.0	417.2	410.5	383.2	355.9
120°	564.2	437.3	431.0	405.3	379.6
122.5°	576.1	461.0	454.6	428.7	402.8
125°	592.0	491.4	485.6	461.9	438.3
127.5°	608.0	520.8	514.8	491.0	467.2
130°	619.7	540.4	534.1	508.4	482.7
132.5°	629.2	556.5	550.1	524.4	498.7
135°	639.4	575.0	569.1	545.8	522.4
137.5°	654.9	598.7	592.9	569.7	546.6
140°	664.4	614.7	609.4	588.0	566.7
142.5°	672.3	626.6	621.6	601.9	582.2
145°	682.6	644.6	640.3	623.1	606.0
147.5°	697.7	667.3	663.1	646.4	629.7
150°	705.7	679.2	675.4	660.2	645.1
152.5°	710.8	686.9	684.1	672.6	661.1
155°	722.1	703.9	701.8	693.3	684.8
157.5°	733.5	720.9	718.8	710.6	702.4
160°	738.6	728.7	727.1	720.6	714.2
162.5°	744.1	736.9	735.7	730.9	726.1
165°	752.1	748.8	747.7	743.3	738.9
167.5°	758.3	755.5	755.0	752.9	750.9
170°	763.4	763.2	762.7	760.6	758.6
172.5°	763.7	763.7	763.6	763.1	762.7
175°	766.8	768.4	768.4	768.4	768.4
177.5°	767.2	768.4	768.4	768.4	768.4
180°	768.4	768.4	768.4	768.4	768.4



TEST NUMBER: P935782
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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	14.36	15.21	15.34	16.20	17.49	17.16	18.01	18.13	18.99	20.29
	3H	14.84	15.60	15.82	16.59	17.91	18.50	19.25	19.48	20.25	21.57
	4H	15.03	15.75	16.03	16.75	18.07	18.93	19.65	19.93	20.65	21.98
	6H	15.15	15.81	16.16	16.81	18.15	19.21	19.87	20.22	20.87	22.21
	8H	15.15	15.78	16.16	16.80	18.14	19.28	19.91	20.29	20.93	22.27
	12H	15.12	15.72	16.14	16.73	18.09	19.31	19.91	20.33	20.93	22.29
4H	2H	15.39	16.10	16.39	17.10	18.43	17.57	18.29	18.57	19.29	20.61
	3H	16.41	17.01	17.43	18.04	19.38	19.07	19.66	20.08	20.69	22.03
	4H	16.69	17.23	17.71	18.26	19.62	19.59	20.13	20.61	21.15	22.52
	6H	16.81	17.28	17.84	18.33	19.69	19.94	20.41	20.97	21.46	22.82
	8H	16.82	17.26	17.85	18.29	19.67	20.04	20.48	21.08	21.52	22.90
	12H	16.78	17.18	17.84	18.23	19.61	20.10	20.49	21.15	21.54	22.92
8H	4H	17.14	17.57	18.17	18.61	19.99	19.71	20.15	20.74	21.19	22.56
	6H	17.40	17.76	18.45	18.84	20.21	20.14	20.50	21.19	21.58	22.95
	8H	17.44	17.76	18.50	18.82	20.21	20.29	20.60	21.35	21.67	23.06
	12H	17.42	17.70	18.49	18.76	20.20	20.38	20.66	21.44	21.72	23.15
12H	4H	17.14	17.54	18.19	18.59	19.97	19.67	20.07	20.73	21.12	22.50
	6H	17.46	17.77	18.52	18.84	20.23	20.14	20.45	21.20	21.52	22.91
	8H	17.52	17.80	18.59	18.86	20.29	20.29	20.57	21.36	21.63	23.06