

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: P936118

Luminaire Tested: SQ4-FA-150U-125D-840-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936118
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-840-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

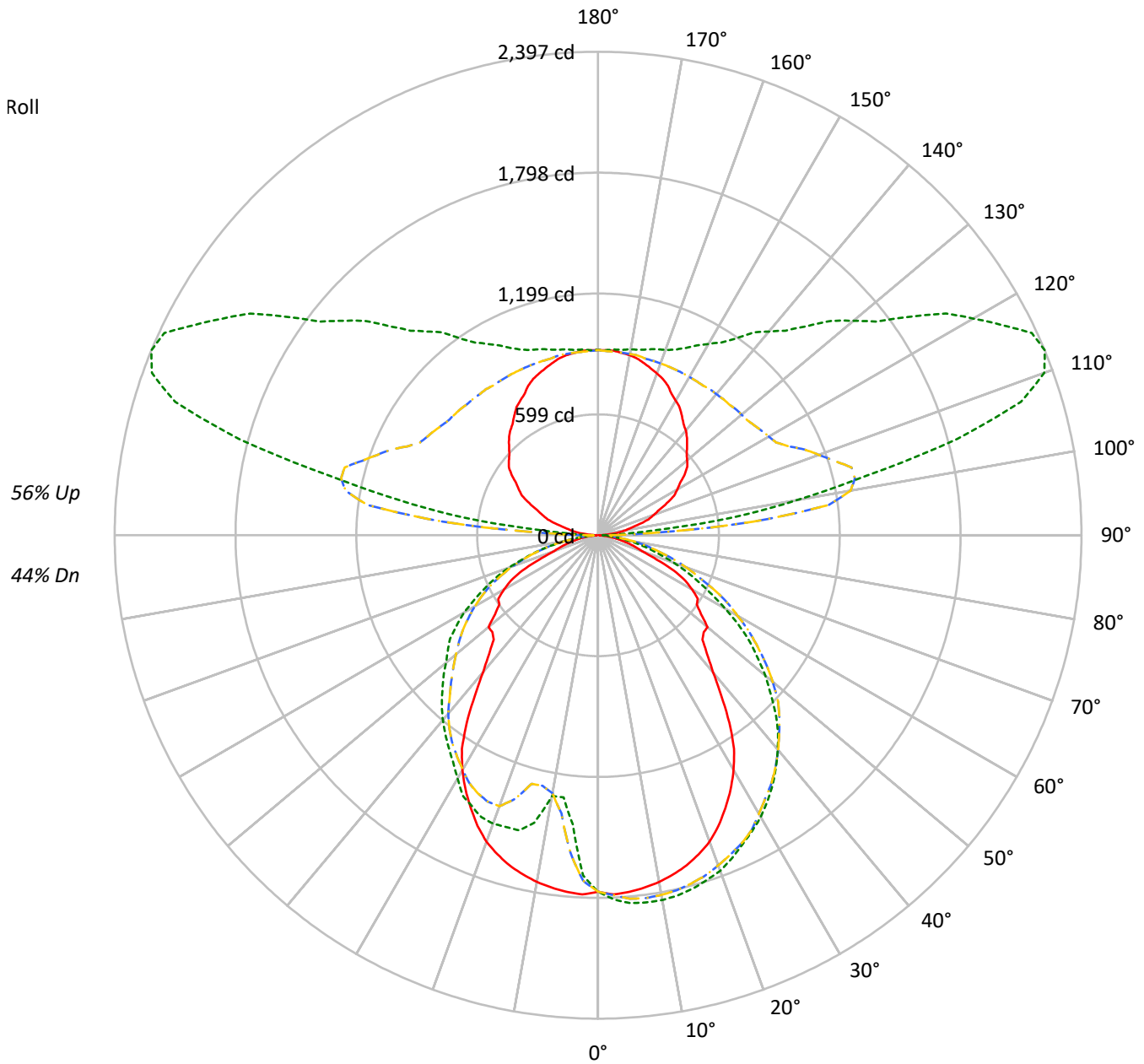
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10538.0 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): 83.2
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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

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	1.5
10°-20°	453.0	4.3
20°-30°	700.2	6.6
30°-40°	835.9	7.9
40°-50°	840.8	8.0
50°-60°	731.6	6.9
60°-70°	518.7	4.9
70°-80°	274.4	2.6
80°-90°	71.8	0.7
90°-100°	447.6	4.2
100°-110°	1176.7	11.2
110°-120°	1220.1	11.6
120°-130°	978.7	9.3
130°-140°	767.9	7.3
140°-150°	589.4	5.6
150°-160°	424.5	4.0
160°-170°	259.7	2.5
170°-180°	87.7	0.8
0°-30°	1312.7	12.5
0°-40°	2148.5	20.4
0°-60°	3720.9	35.3
0°-90°	4585.8	43.5
90°-120°	2844.3	27.0
90°-150°	5180.3	49.2
90°-180°	5952.0	56.5
0°-180°	10538.0	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°	6	23	6	23	6	6
95°	59	270	59	270	59	66
105°	212	1842	212	1842	212	225
115°	376	2372	376	2372	376	372
125°	524	1889	524	1889	524	465
135°	624	1466	624	1466	624	483
145°	724	1189	724	1189	724	454
155°	818	1024	818	1024	818	376
165°	883	954	883	954	883	249
175°	918	924	918	924	918	87
180°	918	918	918	918	918	



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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°	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2	23.4	23.4
92.5°	24.6	66.5	108.5	119.0	167.2	231.5	263.7	231.1	166.0	117.1	112.4
95°	59.2	135.8	212.5	231.7	411.4	651.1	770.9	687.9	522.0	397.5	383.3
97.5°	102.3	169.9	237.6	254.5	554.2	953.8	1153.6	1101.1	996.2	917.6	890.7
100°	135.6	196.9	258.3	273.6	606.1	1049.6	1271.3	1275.1	1282.8	1288.5	1256.5
102.5°	163.9	221.2	278.4	292.7	630.0	1079.7	1304.6	1371.3	1505.0	1605.3	1577.9
105°	212.0	260.5	308.9	321.1	647.6	1083.0	1300.8	1450.6	1750.2	1975.0	1960.3
107.5°	261.3	306.5	351.7	363.0	651.0	1034.9	1226.9	1435.9	1853.8	2167.3	2170.8
110°	294.5	335.3	376.2	386.4	646.1	992.1	1165.2	1398.9	1866.1	2216.6	2231.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.2	366.2	405.1	414.8	646.3	954.9	1109.2	1348.3	1826.5	2185.2	2208.7
115°	376.5	412.4	448.3	457.2	652.2	912.1	1042.0	1272.3	1733.1	2078.6	2111.3
117.5°	425.2	457.8	490.4	498.5	664.3	885.3	995.8	1203.7	1619.4	1931.2	1967.5
120°	453.5	484.2	514.8	522.6	674.1	876.3	977.3	1167.2	1547.1	1832.0	1867.2
122.5°	481.3	512.2	543.2	550.9	688.3	871.6	963.2	1134.2	1476.3	1732.9	1767.5
125°	523.8	552.0	580.3	587.3	707.4	867.7	947.8	1093.0	1383.6	1601.5	1633.6
127.5°	558.3	586.8	615.2	622.3	726.5	865.4	934.8	1059.6	1309.1	1496.2	1523.2
130°	576.8	607.4	638.1	645.8	740.5	866.8	929.9	1041.0	1263.1	1429.6	1454.5
132.5°	595.9	626.6	657.2	664.9	751.8	867.7	925.6	1025.0	1223.8	1372.9	1395.3
135°	624.2	652.2	680.0	687.1	764.1	866.8	918.1	1001.4	1167.9	1292.8	1312.1
137.5°	653.2	680.8	708.5	715.4	782.6	872.2	917.0	987.3	1128.1	1233.7	1249.4
140°	677.3	702.8	728.3	734.6	794.0	873.1	912.6	973.4	1095.0	1186.2	1200.9
142.5°	695.7	719.3	742.8	748.7	803.3	876.2	912.6	966.1	1072.9	1153.0	1165.6
145°	724.1	744.7	765.1	770.2	815.7	876.3	906.5	950.2	1037.5	1103.0	1112.6
147.5°	752.4	772.4	792.4	797.4	833.8	882.3	906.5	940.9	1009.5	1061.1	1069.0
150°	770.9	789.0	807.0	811.5	843.2	885.3	906.5	935.5	993.5	1037.1	1043.5
152.5°	790.0	803.7	817.4	820.8	849.4	887.4	906.5	931.3	980.9	1018.0	1022.9
155°	818.4	828.5	838.6	841.2	862.9	892.0	906.5	926.2	965.7	995.2	998.5
157.5°	839.3	849.2	859.0	861.4	876.5	896.5	906.5	921.8	952.4	975.5	977.7
160°	853.4	861.1	868.8	870.7	882.7	898.6	906.5	919.6	945.9	965.6	966.9
162.5°	867.7	873.4	879.1	880.6	889.2	900.8	906.5	917.6	939.8	956.4	957.6
165°	883.1	888.2	893.4	894.7	898.7	903.9	906.5	914.4	930.3	942.2	943.4
167.5°	897.2	899.7	902.1	902.7	906.0	910.4	912.6	917.9	928.2	936.0	936.6
170°	906.5	909.0	911.4	912.0	912.2	912.5	912.6	917.9	928.2	936.0	936.0
172.5°	911.4	911.9	912.5	912.6	912.6	912.6	912.6	916.8	925.0	931.1	930.6
175°	918.1	918.1	918.1	918.1	916.3	913.8	912.6	915.2	920.4	924.4	924.4
177.5°	918.1	918.1	918.1	918.1	916.8	914.9	913.9	916.0	920.0	923.1	922.5
180°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1



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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°	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3	27.2	17.3
92.5°	93.8	75.2	93.8	112.4	117.1	166.0	231.1	263.7	231.5	167.2	119.0
95°	326.9	270.5	326.9	383.3	397.5	522.0	687.9	770.9	651.1	411.4	231.7
97.5°	783.4	676.0	783.4	890.7	917.6	996.2	1101.1	1153.6	953.8	554.2	254.5
100°	1128.7	1000.7	1128.7	1256.5	1288.5	1282.8	1275.1	1271.3	1049.6	606.1	273.6
102.5°	1468.4	1358.8	1468.4	1577.9	1605.3	1505.0	1371.3	1304.6	1079.7	630.0	292.7
105°	1901.4	1842.5	1901.4	1960.3	1975.0	1750.2	1450.6	1300.8	1083.0	647.6	321.1
107.5°	2185.1	2199.3	2185.1	2170.8	2167.3	1853.8	1435.9	1226.9	1034.9	651.0	363.0
110°	2293.2	2354.6	2293.2	2231.9	2216.6	1866.1	1398.9	1165.2	992.1	646.1	386.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2302.9	2397.1	2302.9	2208.7	2185.2	1826.5	1348.3	1109.2	954.9	646.3	414.8
115°	2241.9	2372.5	2241.9	2111.3	2078.6	1733.1	1272.3	1042.0	912.1	652.2	457.2
117.5°	2112.3	2257.2	2112.3	1967.5	1931.2	1619.4	1203.7	995.8	885.3	664.3	498.5
120°	2008.0	2148.8	2008.0	1867.2	1832.0	1547.1	1167.2	977.3	876.3	674.1	522.6
122.5°	1906.4	2045.3	1906.4	1767.5	1732.9	1476.3	1134.2	963.2	871.6	688.3	550.9
125°	1761.4	1889.4	1761.4	1633.6	1601.5	1383.6	1093.0	947.8	867.7	707.4	587.3
127.5°	1631.1	1739.0	1631.1	1523.2	1496.2	1309.1	1059.6	934.8	865.4	726.5	622.3
130°	1554.2	1653.9	1554.2	1454.5	1429.6	1263.1	1041.0	929.9	866.8	740.5	645.8
132.5°	1484.5	1573.8	1484.5	1395.3	1372.9	1223.8	1025.0	925.6	867.7	751.8	664.9
135°	1389.0	1466.0	1389.0	1312.1	1292.8	1167.9	1001.4	918.1	866.8	764.1	687.1
137.5°	1312.5	1375.4	1312.5	1249.4	1233.7	1128.1	987.3	917.0	872.2	782.6	715.4
140°	1259.8	1318.7	1259.8	1200.9	1186.2	1095.0	973.4	912.6	873.1	794.0	734.6
142.5°	1216.3	1266.9	1216.3	1165.6	1153.0	1072.9	966.1	912.6	876.2	803.3	748.7
145°	1151.0	1189.4	1151.0	1112.6	1103.0	1037.5	950.2	906.5	876.3	815.7	770.2
147.5°	1100.8	1132.6	1100.8	1069.0	1061.1	1009.5	940.9	906.5	882.3	833.8	797.4
150°	1069.3	1095.0	1069.3	1043.5	1037.1	993.5	935.5	906.5	885.3	843.2	811.5
152.5°	1042.3	1061.7	1042.3	1022.9	1018.0	980.9	931.3	906.5	887.4	849.4	820.8
155°	1011.3	1024.2	1011.3	998.5	995.2	965.7	926.2	906.5	892.0	862.9	841.2
157.5°	986.7	995.8	986.7	977.7	975.5	952.4	921.8	906.5	896.5	876.5	861.4
160°	972.1	977.3	972.1	966.9	965.6	945.9	919.6	906.5	898.6	882.7	870.7
162.5°	962.5	967.4	962.5	957.6	956.4	939.8	917.6	906.5	900.8	889.2	880.6
165°	948.7	953.9	948.7	943.4	942.2	930.3	914.4	906.5	903.9	898.7	894.7
167.5°	938.8	941.0	938.8	936.6	936.0	928.2	917.9	912.6	910.4	906.0	902.7
170°	936.0	936.0	936.0	936.0	936.0	928.2	917.9	912.6	912.5	912.2	912.0
172.5°	928.7	926.8	928.7	930.6	931.1	925.0	916.8	912.6	912.6	912.6	912.6
175°	924.4	924.4	924.4	924.4	924.4	920.4	915.2	912.6	913.8	916.3	918.1
177.5°	920.3	918.1	920.3	922.5	923.1	920.0	916.0	913.9	914.9	916.8	918.1
180°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1



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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°	16.0	11.1	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2
92.5°	108.5	66.5	24.6	66.5	108.5	119.0	167.2	231.5	263.7	231.1	166.0
95°	212.5	135.8	59.2	135.8	212.5	231.7	411.4	651.1	770.9	687.9	522.0
97.5°	237.6	169.9	102.3	169.9	237.6	254.5	554.2	953.8	1153.6	1101.1	996.2
100°	258.3	196.9	135.6	196.9	258.3	273.6	606.1	1049.6	1271.3	1275.1	1282.8
102.5°	278.4	221.2	163.9	221.2	278.4	292.7	630.0	1079.7	1304.6	1371.3	1505.0
105°	308.9	260.5	212.0	260.5	308.9	321.1	647.6	1083.0	1300.8	1450.6	1750.2
107.5°	351.7	306.5	261.3	306.5	351.7	363.0	651.0	1034.9	1226.9	1435.9	1853.8
110°	376.2	335.3	294.5	335.3	376.2	386.4	646.1	992.1	1165.2	1398.9	1866.1



TEST NUMBER: P936118

CATALOG NUMBER: SQ4-FA-150U-125D-840-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.1	366.2	327.2	366.2	405.1	414.8	646.3	954.9	1109.2	1348.3	1826.5
115°	448.3	412.4	376.5	412.4	448.3	457.2	652.2	912.1	1042.0	1272.3	1733.1
117.5°	490.4	457.8	425.2	457.8	490.4	498.5	664.3	885.3	995.8	1203.7	1619.4
120°	514.8	484.2	453.5	484.2	514.8	522.6	674.1	876.3	977.3	1167.2	1547.1
122.5°	543.2	512.2	481.3	512.2	543.2	550.9	688.3	871.6	963.2	1134.2	1476.3
125°	580.3	552.0	523.8	552.0	580.3	587.3	707.4	867.7	947.8	1093.0	1383.6
127.5°	615.2	586.8	558.3	586.8	615.2	622.3	726.5	865.4	934.8	1059.6	1309.1
130°	638.1	607.4	576.8	607.4	638.1	645.8	740.5	866.8	929.9	1041.0	1263.1
132.5°	657.2	626.6	595.9	626.6	657.2	664.9	751.8	867.7	925.6	1025.0	1223.8
135°	680.0	652.2	624.2	652.2	680.0	687.1	764.1	866.8	918.1	1001.4	1167.9
137.5°	708.5	680.8	653.2	680.8	708.5	715.4	782.6	872.2	917.0	987.3	1128.1
140°	728.3	702.8	677.3	702.8	728.3	734.6	794.0	873.1	912.6	973.4	1095.0
142.5°	742.8	719.3	695.7	719.3	742.8	748.7	803.3	876.2	912.6	966.1	1072.9
145°	765.1	744.7	724.1	744.7	765.1	770.2	815.7	876.3	906.5	950.2	1037.5
147.5°	792.4	772.4	752.4	772.4	792.4	797.4	833.8	882.3	906.5	940.9	1009.5
150°	807.0	789.0	770.9	789.0	807.0	811.5	843.2	885.3	906.5	935.5	993.5
152.5°	817.4	803.7	790.0	803.7	817.4	820.8	849.4	887.4	906.5	931.3	980.9
155°	838.6	828.5	818.4	828.5	838.6	841.2	862.9	892.0	906.5	926.2	965.7
157.5°	859.0	849.2	839.3	849.2	859.0	861.4	876.5	896.5	906.5	921.8	952.4
160°	868.8	861.1	853.4	861.1	868.8	870.7	882.7	898.6	906.5	919.6	945.9
162.5°	879.1	873.4	867.7	873.4	879.1	880.6	889.2	900.8	906.5	917.6	939.8
165°	893.4	888.2	883.1	888.2	893.4	894.7	898.7	903.9	906.5	914.4	930.3
167.5°	902.1	899.7	897.2	899.7	902.1	902.7	906.0	910.4	912.6	917.9	928.2
170°	911.4	909.0	906.5	909.0	911.4	912.0	912.2	912.5	912.6	917.9	928.2
172.5°	912.5	911.9	911.4	911.9	912.5	912.6	912.6	912.6	912.6	916.8	925.0
175°	918.1	918.1	918.1	918.1	918.1	918.1	916.3	913.8	912.6	915.2	920.4
177.5°	918.1	918.1	918.1	918.1	918.1	918.1	916.8	914.9	913.9	916.0	920.0
180°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1



TEST NUMBER: P936118
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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°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3
92.5°	117.1	112.4	93.8	75.2	93.8	112.4	117.1	166.0	231.1	263.7	231.5
95°	397.5	383.3	326.9	270.5	326.9	383.3	397.5	522.0	687.9	770.9	651.1
97.5°	917.6	890.7	783.4	676.0	783.4	890.7	917.6	996.2	1101.1	1153.6	953.8
100°	1288.5	1256.5	1128.7	1000.7	1128.7	1256.5	1288.5	1282.8	1275.1	1271.3	1049.6
102.5°	1605.3	1577.9	1468.4	1358.8	1468.4	1577.9	1605.3	1505.0	1371.3	1304.6	1079.7
105°	1975.0	1960.3	1901.4	1842.5	1901.4	1960.3	1975.0	1750.2	1450.6	1300.8	1083.0
107.5°	2167.3	2170.8	2185.1	2199.3	2185.1	2170.8	2167.3	1853.8	1435.9	1226.9	1034.9
110°	2216.6	2231.9	2293.2	2354.6	2293.2	2231.9	2216.6	1866.1	1398.9	1165.2	992.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2185.2	2208.7	2302.9	2397.1	2302.9	2208.7	2185.2	1826.5	1348.3	1109.2	954.9
115°	2078.6	2111.3	2241.9	2372.5	2241.9	2111.3	2078.6	1733.1	1272.3	1042.0	912.1
117.5°	1931.2	1967.5	2112.3	2257.2	2112.3	1967.5	1931.2	1619.4	1203.7	995.8	885.3
120°	1832.0	1867.2	2008.0	2148.8	2008.0	1867.2	1832.0	1547.1	1167.2	977.3	876.3
122.5°	1732.9	1767.5	1906.4	2045.3	1906.4	1767.5	1732.9	1476.3	1134.2	963.2	871.6
125°	1601.5	1633.6	1761.4	1889.4	1761.4	1633.6	1601.5	1383.6	1093.0	947.8	867.7
127.5°	1496.2	1523.2	1631.1	1739.0	1631.1	1523.2	1496.2	1309.1	1059.6	934.8	865.4
130°	1429.6	1454.5	1554.2	1653.9	1554.2	1454.5	1429.6	1263.1	1041.0	929.9	866.8
132.5°	1372.9	1395.3	1484.5	1573.8	1484.5	1395.3	1372.9	1223.8	1025.0	925.6	867.7
135°	1292.8	1312.1	1389.0	1466.0	1389.0	1312.1	1292.8	1167.9	1001.4	918.1	866.8
137.5°	1233.7	1249.4	1312.5	1375.4	1312.5	1249.4	1233.7	1128.1	987.3	917.0	872.2
140°	1186.2	1200.9	1259.8	1318.7	1259.8	1200.9	1186.2	1095.0	973.4	912.6	873.1
142.5°	1153.0	1165.6	1216.3	1266.9	1216.3	1165.6	1153.0	1072.9	966.1	912.6	876.2
145°	1103.0	1112.6	1151.0	1189.4	1151.0	1112.6	1103.0	1037.5	950.2	906.5	876.3
147.5°	1061.1	1069.0	1100.8	1132.6	1100.8	1069.0	1061.1	1009.5	940.9	906.5	882.3
150°	1037.1	1043.5	1069.3	1095.0	1069.3	1043.5	1037.1	993.5	935.5	906.5	885.3
152.5°	1018.0	1022.9	1042.3	1061.7	1042.3	1022.9	1018.0	980.9	931.3	906.5	887.4
155°	995.2	998.5	1011.3	1024.2	1011.3	998.5	995.2	965.7	926.2	906.5	892.0
157.5°	975.5	977.7	986.7	995.8	986.7	977.7	975.5	952.4	921.8	906.5	896.5
160°	965.6	966.9	972.1	977.3	972.1	966.9	965.6	945.9	919.6	906.5	898.6
162.5°	956.4	957.6	962.5	967.4	962.5	957.6	956.4	939.8	917.6	906.5	900.8
165°	942.2	943.4	948.7	953.9	948.7	943.4	942.2	930.3	914.4	906.5	903.9
167.5°	936.0	936.6	938.8	941.0	938.8	936.6	936.0	928.2	917.9	912.6	910.4
170°	936.0	936.0	936.0	936.0	936.0	936.0	936.0	928.2	917.9	912.6	912.5
172.5°	931.1	930.6	928.7	926.8	928.7	930.6	931.1	925.0	916.8	912.6	912.6
175°	924.4	924.4	924.4	924.4	924.4	924.4	924.4	920.4	915.2	912.6	913.8
177.5°	923.1	922.5	920.3	918.1	920.3	922.5	923.1	920.0	916.0	913.9	914.9
180°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1



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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°	27.2	17.3	16.0	11.1	6.1
92.5°	167.2	119.0	108.5	66.5	24.6
95°	411.4	231.7	212.5	135.8	59.2
97.5°	554.2	254.5	237.6	169.9	102.3
100°	606.1	273.6	258.3	196.9	135.6
102.5°	630.0	292.7	278.4	221.2	163.9
105°	647.6	321.1	308.9	260.5	212.0
107.5°	651.0	363.0	351.7	306.5	261.3
110°	646.1	386.4	376.2	335.3	294.5



TEST NUMBER: P936118

CATALOG NUMBER: SQ4-FA-150U-125D-840-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	646.3	414.8	405.1	366.2	327.2
115°	652.2	457.2	448.3	412.4	376.5
117.5°	664.3	498.5	490.4	457.8	425.2
120°	674.1	522.6	514.8	484.2	453.5
122.5°	688.3	550.9	543.2	512.2	481.3
125°	707.4	587.3	580.3	552.0	523.8
127.5°	726.5	622.3	615.2	586.8	558.3
130°	740.5	645.8	638.1	607.4	576.8
132.5°	751.8	664.9	657.2	626.6	595.9
135°	764.1	687.1	680.0	652.2	624.2
137.5°	782.6	715.4	708.5	680.8	653.2
140°	794.0	734.6	728.3	702.8	677.3
142.5°	803.3	748.7	742.8	719.3	695.7
145°	815.7	770.2	765.1	744.7	724.1
147.5°	833.8	797.4	792.4	772.4	752.4
150°	843.2	811.5	807.0	789.0	770.9
152.5°	849.4	820.8	817.4	803.7	790.0
155°	862.9	841.2	838.6	828.5	818.4
157.5°	876.5	861.4	859.0	849.2	839.3
160°	882.7	870.7	868.8	861.1	853.4
162.5°	889.2	880.6	879.1	873.4	867.7
165°	898.7	894.7	893.4	888.2	883.1
167.5°	906.0	902.7	902.1	899.7	897.2
170°	912.2	912.0	911.4	909.0	906.5
172.5°	912.6	912.6	912.5	911.9	911.4
175°	916.3	918.1	918.1	918.1	918.1
177.5°	916.8	918.1	918.1	918.1	918.1
180°	918.1	918.1	918.1	918.1	918.1



TEST NUMBER: P936118
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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	13.88	14.69	14.89	15.71	17.07	16.68	17.49	17.69	18.51	19.87
	3H	14.36	15.08	15.38	16.11	17.49	18.01	18.73	19.03	19.76	21.14
	4H	14.54	15.23	15.58	16.26	17.65	18.45	19.13	19.48	20.16	21.55
	6H	14.66	15.29	15.70	16.33	17.73	18.72	19.35	19.76	20.39	21.79
	8H	14.66	15.26	15.71	16.31	17.71	18.79	19.39	19.84	20.44	21.84
	12H	14.63	15.20	15.68	16.24	17.67	18.82	19.39	19.88	20.44	21.86
4H	2H	14.90	15.58	15.94	16.62	18.00	17.08	17.77	18.12	18.80	20.19
	3H	15.92	16.49	16.97	17.55	18.95	18.57	19.14	19.62	20.20	21.61
	4H	16.20	16.72	17.25	17.77	19.19	19.09	19.62	20.15	20.67	22.09
	6H	16.32	16.77	17.38	17.84	19.26	19.45	19.90	20.51	20.97	22.39
	8H	16.32	16.74	17.39	17.81	19.24	19.55	19.97	20.61	21.03	22.47
	12H	16.29	16.67	17.37	17.75	19.19	19.60	19.98	20.68	21.06	22.50
8H	4H	16.64	17.06	17.70	18.13	19.56	19.21	19.63	20.28	20.70	22.14
	6H	16.90	17.24	17.99	18.35	19.79	19.64	19.99	20.73	21.10	22.53
	8H	16.94	17.24	18.04	18.34	19.79	19.79	20.09	20.88	21.18	22.63
	12H	16.92	17.19	18.02	18.28	19.77	19.88	20.14	20.98	21.23	22.72
12H	4H	16.64	17.02	17.73	18.10	19.54	19.18	19.55	20.26	20.64	22.08
	6H	16.96	17.26	18.05	18.35	19.80	19.64	19.94	20.73	21.03	22.48
	8H	17.02	17.29	18.12	18.38	19.87	19.79	20.06	20.89	21.15	22.64