

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: P934255

Luminaire Tested: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934255
REPORT IS A COMBINATION OF REPORTS P933689 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

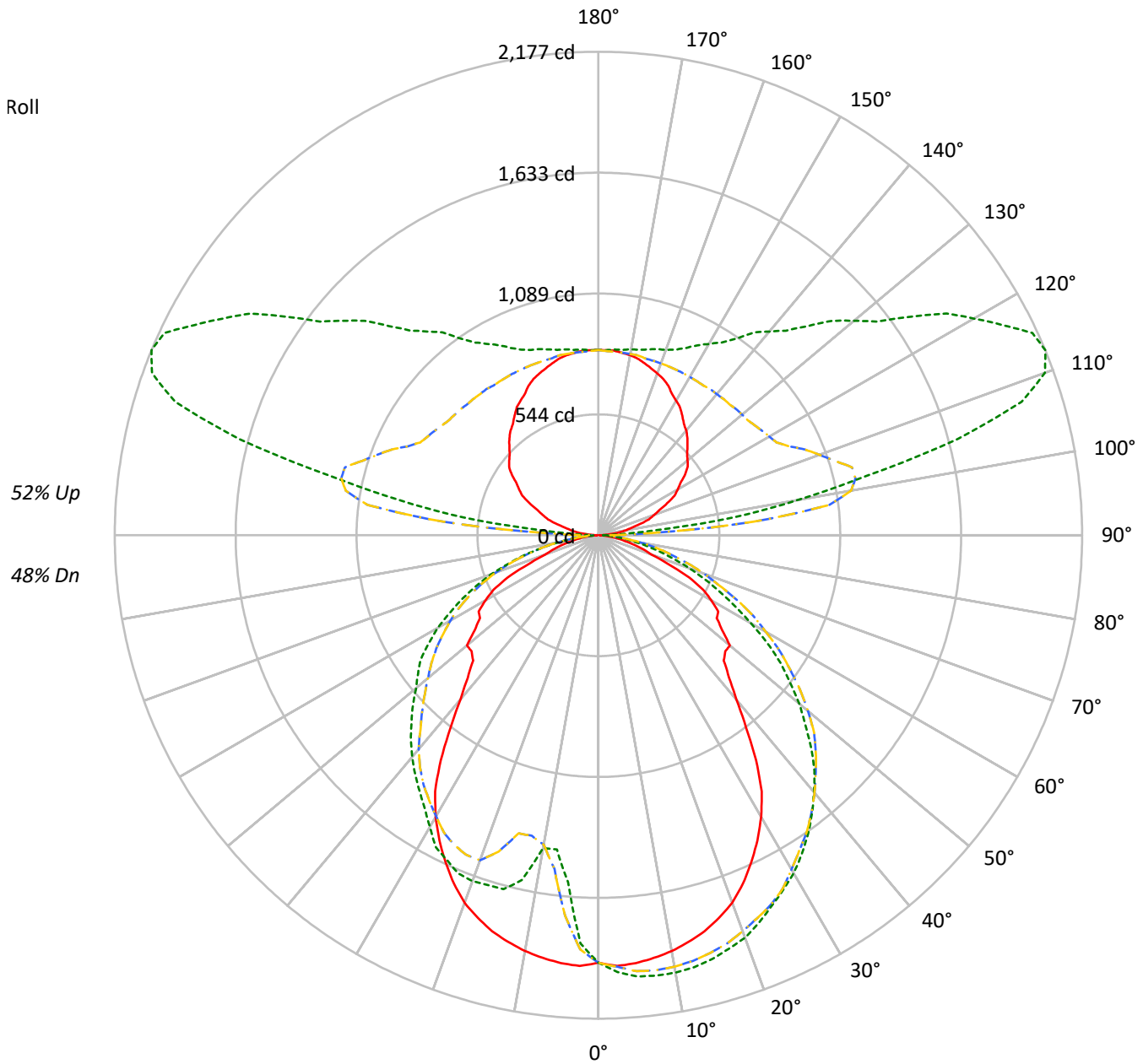
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10400.3 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 85.2
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	89	86	83	80	72	70	68	60	58	56	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	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	58	52	46	50	44	40	41	37	34	33	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21
6	62	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	30	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	23	19	16	20	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5954	5954	5954	5954
5°	6001	6010	6001	4726
10°	5963	5920	5963	4233
15°	5900	5792	5900	4836
20°	5779	5640	5779	4847
25°	5529	5419	5529	4744
30°	5204	5235	5204	4519
35°	4642	5002	4642	4271
40°	3870	4728	3870	4084
45°	3460	4407	3460	3868
50°	3679	4025	3679	3652
55°	3465	3613	3465	3527
60°	3577	3068	3577	3230
65°	3248	2536	3248	2835
70°	2254	2021	2254	2377
75°	1984	1494	1984	1789
80°	1611	988	1611	1076
85°	943	524	943	445

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5300 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.8	1.7
10°-20°	493.4	4.7
20°-30°	762.6	7.3
30°-40°	910.4	8.8
40°-50°	915.8	8.8
50°-60°	796.8	7.7
60°-70°	565.0	5.4
70°-80°	298.9	2.9
80°-90°	77.6	0.7
90°-100°	406.5	3.9
100°-110°	1068.7	10.3
110°-120°	1108.1	10.7
120°-130°	888.9	8.5
130°-140°	697.4	6.7
140°-150°	535.3	5.1
150°-160°	385.5	3.7
160°-170°	235.9	2.3
170°-180°	79.7	0.8
0°-30°	1429.7	13.7
0°-40°	2340.2	22.5
0°-60°	4052.8	39.0
0°-90°	4994.2	48.0
90°-120°	2583.3	24.8
90°-150°	4704.9	45.2
90°-180°	5406.0	52.0
0°-180°	10400.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1925	1925	1925	1925	1925	
5°	1934	1994	1934	1568	1934	183
15°	1847	1976	1847	1650	1847	520
25°	1626	1843	1626	1614	1626	747
35°	1236	1644	1236	1404	1236	765
45°	798	1355	798	1189	798	639
55°	650	1000	650	976	650	597
65°	452	603	452	674	452	432
75°	171	286	171	342	171	180
85°	29	73	29	62	29	39
90°	6	21	6	21	6	6
95°	54	246	54	246	54	60
105°	192	1674	192	1674	192	204
115°	342	2155	342	2155	342	338
125°	476	1716	476	1716	476	422
135°	567	1332	567	1332	567	439
145°	658	1080	658	1080	658	412
155°	743	930	743	930	743	342
165°	802	866	802	866	802	226
175°	834	840	834	840	834	79
180°	834	834	834	834	834	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1941.3	1941.3	1952.3	1955.9	1955.9	1950.4	1945.0	1950.4	1966.8	1972.3	1970.4
5°	1934.1	1948.6	1968.6	1972.3	1976.0	1974.2	1970.4	1974.2	1992.3	1996.0	1997.8
7.5°	1919.5	1946.8	1972.3	1977.8	1983.2	1977.8	1976.0	1979.6	1997.8	2001.4	2001.4
10°	1901.3	1939.5	1968.6	1972.3	1977.8	1972.3	1972.3	1979.6	1997.8	2001.4	2003.3
12.5°	1875.8	1928.6	1955.9	1959.6	1966.8	1965.0	1963.2	1970.4	1988.7	1992.3	1992.3
15°	1846.6	1908.5	1934.1	1937.7	1950.4	1946.8	1946.8	1954.1	1974.2	1979.6	1977.8
17.5°	1806.6	1883.1	1912.2	1917.7	1926.8	1924.9	1926.8	1934.1	1952.3	1955.9	1957.8
20°	1761.1	1848.4	1883.1	1888.5	1897.7	1897.7	1897.7	1906.7	1924.9	1932.2	1932.2
22.5°	1699.2	1812.0	1848.4	1852.1	1863.0	1863.0	1866.7	1879.4	1895.8	1897.7	1897.7
25°	1626.3	1771.9	1802.9	1813.9	1824.8	1830.2	1835.8	1843.0	1848.4	1846.6	1848.4
27.5°	1549.8	1721.0	1761.1	1768.3	1782.9	1788.3	1795.7	1797.5	1799.3	1804.7	1801.1
30°	1464.2	1649.9	1710.0	1717.4	1741.0	1744.7	1737.4	1741.0	1750.1	1753.7	1757.4
32.5°	1367.7	1544.3	1657.3	1673.6	1695.5	1684.6	1682.7	1688.2	1702.8	1702.8	1706.4
35°	1236.5	1462.4	1608.1	1622.7	1639.1	1626.3	1633.5	1635.4	1644.5	1649.9	1648.1
37.5°	1092.7	1391.3	1557.1	1568.0	1580.8	1564.4	1575.3	1580.8	1588.0	1584.4	1584.4
40°	965.2	1280.3	1497.0	1504.3	1515.1	1502.5	1513.3	1517.0	1520.7	1517.0	1515.1
42.5°	870.5	1158.2	1433.2	1442.4	1435.0	1444.2	1447.8	1455.1	1449.6	1442.4	1442.4
45°	797.6	1125.5	1364.1	1374.9	1364.1	1378.7	1384.1	1384.1	1367.7	1364.1	1362.2
47.5°	774.0	1059.9	1294.8	1294.8	1289.4	1307.6	1316.6	1304.0	1287.6	1282.1	1282.1
50°	772.2	987.1	1200.2	1192.8	1218.3	1240.2	1231.1	1218.3	1205.6	1185.6	1185.6
52.5°	701.1	897.8	1078.1	1105.5	1145.5	1158.2	1143.7	1130.9	1109.1	1100.0	1092.7
55°	650.2	805.0	967.0	1021.7	1063.6	1079.9	1052.6	1039.8	1007.1	1001.7	998.0
57.5°	639.2	670.2	865.1	934.2	985.3	983.5	967.0	943.4	916.0	910.6	908.8
60°	586.5	484.4	755.8	837.7	890.5	885.1	870.5	848.7	823.2	819.5	815.9
62.5°	531.8	351.5	631.9	724.9	799.4	797.6	785.0	752.1	733.9	724.9	717.5
65°	451.7	295.0	449.9	602.8	710.3	713.9	686.6	662.9	642.8	631.9	630.1
67.5°	344.2	240.4	304.1	502.6	624.7	621.0	586.5	575.5	550.0	544.5	533.6
70°	255.0	160.3	211.3	408.0	540.9	531.8	504.4	491.7	468.1	455.3	448.0
72.5°	211.3	129.3	154.8	316.9	455.3	444.3	420.7	406.1	386.1	375.2	367.9
75°	171.2	136.6	118.4	234.9	369.7	362.4	340.5	325.9	309.6	295.0	296.8
77.5°	125.6	127.4	94.7	173.0	293.2	282.3	269.6	251.4	244.0	229.5	229.5
80°	94.7	100.2	71.1	118.4	211.3	211.3	200.3	187.5	174.8	167.5	167.5
82.5°	63.7	63.7	52.8	74.7	143.8	138.4	131.2	127.4	120.2	116.6	116.6
85°	29.1	36.4	32.8	45.5	78.3	81.9	81.9	78.3	76.5	72.9	74.7
87.5°	9.1	16.4	20.0	25.5	40.1	41.9	43.7	43.7	43.7	45.5	45.5
90°	5.6	10.0	14.6	15.7	24.6	36.6	42.5	37.8	28.3	21.3	21.3
92.5°	22.4	60.4	98.5	108.0	151.8	210.3	239.5	209.9	150.7	106.4	102.1
95°	53.8	123.4	193.1	210.4	373.7	591.3	700.1	624.7	474.0	361.0	348.1
97.5°	92.9	154.3	215.8	231.2	503.4	866.2	1047.7	1000.1	904.8	833.4	809.0
100°	123.1	178.9	234.5	248.5	550.5	953.2	1154.6	1158.1	1165.0	1170.3	1141.2
102.5°	148.9	200.9	252.8	265.8	572.2	980.7	1184.9	1245.5	1366.9	1457.9	1433.1
105°	192.5	236.5	280.5	291.6	588.2	983.7	1181.5	1317.6	1589.6	1793.8	1780.4
107.5°	237.3	278.3	319.4	329.7	591.3	940.0	1114.3	1304.2	1683.8	1968.5	1971.7
110°	267.6	304.6	341.7	350.9	586.7	901.2	1058.4	1270.6	1694.9	2013.2	2027.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	297.2	332.5	367.8	376.6	586.9	867.2	1007.4	1224.6	1658.9	1984.7	2006.0
115°	342.0	374.6	407.1	415.3	592.3	828.4	946.4	1155.6	1574.0	1887.8	1917.5
117.5°	386.1	415.7	445.3	452.8	603.3	804.1	904.4	1093.3	1470.8	1754.0	1786.9
120°	411.9	439.8	467.6	474.6	612.3	795.9	887.7	1060.2	1405.2	1664.0	1695.9
122.5°	437.1	465.3	493.3	500.4	625.2	791.6	874.7	1030.1	1340.8	1573.8	1605.3
125°	475.8	501.4	527.0	533.4	642.6	788.0	860.8	992.8	1256.6	1454.6	1483.6
127.5°	507.1	533.0	558.8	565.3	659.9	786.0	849.0	962.4	1188.9	1358.9	1383.4
130°	523.9	551.8	579.6	586.5	672.5	787.2	844.6	945.4	1147.2	1298.5	1321.1
132.5°	541.2	569.1	597.0	603.9	682.9	788.0	840.6	931.0	1111.5	1246.9	1267.2
135°	567.0	592.3	617.7	624.0	694.0	787.3	833.9	909.6	1060.8	1174.3	1191.7
137.5°	593.2	618.4	643.6	649.8	710.8	792.2	832.8	896.7	1024.6	1120.5	1134.8
140°	615.1	638.2	661.3	667.1	721.1	792.9	828.9	884.1	994.6	1077.4	1090.8
142.5°	631.9	653.3	674.7	680.0	729.7	795.8	828.9	877.4	974.4	1047.2	1058.7
145°	657.6	676.2	694.9	699.6	740.9	795.8	823.3	863.0	942.4	1001.8	1010.5
147.5°	683.4	701.5	719.7	724.2	757.3	801.3	823.3	854.6	917.0	963.8	971.1
150°	700.1	716.5	733.0	737.1	765.9	804.1	823.3	849.7	902.4	941.9	947.8
152.5°	717.5	729.9	742.4	745.5	771.5	806.0	823.3	845.9	890.9	924.6	929.1
155°	743.2	752.5	761.7	764.0	783.8	810.1	823.3	841.3	877.0	903.9	906.8
157.5°	762.3	771.3	780.2	782.4	796.1	814.3	823.3	837.3	865.1	886.0	888.1
160°	775.2	782.1	789.1	790.8	801.7	816.1	823.3	835.3	859.1	877.0	878.2
162.5°	788.0	793.3	798.5	799.8	807.7	818.1	823.3	833.4	853.5	868.6	869.7
165°	802.1	806.8	811.5	812.7	816.2	821.0	823.3	830.6	845.0	855.7	856.9
167.5°	814.9	817.1	819.4	819.9	822.9	826.9	828.9	833.6	843.1	850.1	850.7
170°	823.3	825.5	827.8	828.3	828.5	828.8	828.9	833.6	843.1	850.1	850.1
172.5°	827.8	828.2	828.8	828.9	828.9	828.9	828.9	832.6	840.1	845.7	845.2
175°	833.9	833.9	833.9	833.9	832.2	829.9	828.9	831.2	836.0	839.5	839.5
177.5°	833.9	833.9	833.9	833.9	832.7	830.9	830.0	831.9	835.6	838.5	837.9
180°	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1974.2	1968.6	1974.2	1970.4	1972.3	1966.8	1950.4	1945.0	1950.4	1955.9	1955.9
5°	1997.8	1994.2	1997.8	1997.8	1996.0	1992.3	1974.2	1970.4	1974.2	1976.0	1972.3
7.5°	2005.1	1999.6	2005.1	2001.4	2001.4	1997.8	1979.6	1976.0	1977.8	1983.2	1977.8
10°	2005.1	1999.6	2005.1	2003.3	2001.4	1997.8	1979.6	1972.3	1972.3	1977.8	1972.3
12.5°	1996.0	1992.3	1996.0	1992.3	1992.3	1988.7	1970.4	1963.2	1965.0	1966.8	1959.6
15°	1981.4	1976.0	1981.4	1977.8	1979.6	1974.2	1954.1	1946.8	1946.8	1950.4	1937.7
17.5°	1959.6	1952.3	1959.6	1957.8	1955.9	1952.3	1934.1	1926.8	1924.9	1926.8	1917.7
20°	1934.1	1928.6	1934.1	1932.2	1932.2	1924.9	1906.7	1897.7	1897.7	1897.7	1888.5
22.5°	1894.0	1888.5	1894.0	1897.7	1897.7	1895.8	1879.4	1866.7	1863.0	1863.0	1852.1
25°	1848.4	1843.0	1848.4	1848.4	1846.6	1848.4	1843.0	1835.8	1830.2	1824.8	1813.9
27.5°	1804.7	1801.1	1804.7	1801.1	1804.7	1799.3	1797.5	1795.7	1788.3	1782.9	1768.3
30°	1761.1	1757.4	1761.1	1757.4	1753.7	1750.1	1741.0	1737.4	1744.7	1741.0	1717.4
32.5°	1706.4	1702.8	1706.4	1706.4	1702.8	1702.8	1688.2	1682.7	1684.6	1695.5	1673.6
35°	1649.9	1644.5	1649.9	1648.1	1649.9	1644.5	1635.4	1633.5	1626.3	1639.1	1622.7
37.5°	1584.4	1579.0	1584.4	1584.4	1584.4	1588.0	1580.8	1575.3	1564.4	1580.8	1568.0
40°	1517.0	1509.7	1517.0	1515.1	1517.0	1520.7	1517.0	1513.3	1502.5	1515.1	1504.3
42.5°	1440.6	1438.7	1440.6	1442.4	1442.4	1449.6	1455.1	1447.8	1444.2	1435.0	1442.4
45°	1358.6	1354.9	1358.6	1362.2	1364.1	1367.7	1384.1	1384.1	1378.7	1364.1	1374.9
47.5°	1271.1	1262.1	1271.1	1282.1	1282.1	1287.6	1304.0	1316.6	1307.6	1289.4	1294.8
50°	1178.2	1180.1	1178.2	1185.6	1185.6	1205.6	1218.3	1231.1	1240.2	1218.3	1192.8
52.5°	1087.2	1085.4	1087.2	1092.7	1100.0	1109.1	1130.9	1143.7	1158.2	1145.5	1105.5
55°	996.1	999.8	996.1	998.0	1001.7	1007.1	1039.8	1052.6	1079.9	1063.6	1021.7
57.5°	905.1	899.6	905.1	908.8	910.6	916.0	943.4	967.0	983.5	985.3	934.2
60°	799.4	792.2	799.4	815.9	819.5	823.2	848.7	870.5	885.1	890.5	837.7
62.5°	706.6	693.9	706.6	717.5	724.9	733.9	752.1	785.0	797.6	799.4	724.9
65°	608.3	602.8	608.3	630.1	631.9	642.8	662.9	686.6	713.9	710.3	602.8
67.5°	519.0	519.0	519.0	533.6	544.5	550.0	575.5	586.5	621.0	624.7	502.6
70°	437.1	435.3	437.1	448.0	455.3	468.1	491.7	504.4	531.8	540.9	408.0
72.5°	358.8	356.9	358.8	367.9	375.2	386.1	406.1	420.7	444.3	455.3	316.9
75°	289.6	285.9	289.6	296.8	295.0	309.6	325.9	340.5	362.4	369.7	234.9
77.5°	222.2	222.2	222.2	229.5	229.5	244.0	251.4	269.6	282.3	293.2	173.0
80°	165.7	163.9	165.7	167.5	167.5	174.8	187.5	200.3	211.3	211.3	118.4
82.5°	116.6	112.9	116.6	116.6	116.6	120.2	127.4	131.2	138.4	143.8	74.7
85°	72.9	72.9	72.9	74.7	72.9	76.5	78.3	81.9	81.9	78.3	45.5
87.5°	47.3	45.5	47.3	45.5	45.5	43.7	43.7	43.7	41.9	40.1	25.5
90°	21.3	21.3	21.3	21.3	21.3	28.3	37.8	42.5	36.6	24.6	15.7
92.5°	85.2	68.2	85.2	102.1	106.4	150.7	209.9	239.5	210.3	151.8	108.0
95°	296.9	245.7	296.9	348.1	361.0	474.0	624.7	700.1	591.3	373.7	210.4
97.5°	711.5	614.0	711.5	809.0	833.4	904.8	1000.1	1047.7	866.2	503.4	231.2
100°	1025.1	909.0	1025.1	1141.2	1170.3	1165.0	1158.1	1154.6	953.2	550.5	248.5
102.5°	1333.6	1234.1	1333.6	1433.1	1457.9	1366.9	1245.5	1184.9	980.7	572.2	265.8
105°	1727.0	1673.5	1727.0	1780.4	1793.8	1589.6	1317.6	1181.5	983.7	588.2	291.6
107.5°	1984.6	1997.5	1984.6	1971.7	1968.5	1683.8	1304.2	1114.3	940.0	591.3	329.7
110°	2082.8	2138.5	2082.8	2027.1	2013.2	1694.9	1270.6	1058.4	901.2	586.7	350.9



TEST NUMBER: P934255

CATALOG NUMBER: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2091.6	2177.2	2091.6	2006.0	1984.7	1658.9	1224.6	1007.4	867.2	586.9	376.6
115°	2036.2	2154.8	2036.2	1917.5	1887.8	1574.0	1155.6	946.4	828.4	592.3	415.3
117.5°	1918.5	2050.1	1918.5	1786.9	1754.0	1470.8	1093.3	904.4	804.1	603.3	452.8
120°	1823.8	1951.6	1823.8	1695.9	1664.0	1405.2	1060.2	887.7	795.9	612.3	474.6
122.5°	1731.5	1857.6	1731.5	1605.3	1573.8	1340.8	1030.1	874.7	791.6	625.2	500.4
125°	1599.8	1716.0	1599.8	1483.6	1454.6	1256.6	992.8	860.8	788.0	642.6	533.4
127.5°	1481.4	1579.4	1481.4	1383.4	1358.9	1188.9	962.4	849.0	786.0	659.9	565.3
130°	1411.7	1502.2	1411.7	1321.1	1298.5	1147.2	945.4	844.6	787.2	672.5	586.5
132.5°	1348.3	1429.4	1348.3	1267.2	1246.9	1111.5	931.0	840.6	788.0	682.9	603.9
135°	1261.6	1331.5	1261.6	1191.7	1174.3	1060.8	909.6	833.9	787.3	694.0	624.0
137.5°	1192.0	1249.2	1192.0	1134.8	1120.5	1024.6	896.7	832.8	792.2	710.8	649.8
140°	1144.2	1197.7	1144.2	1090.8	1077.4	994.6	884.1	828.9	792.9	721.1	667.1
142.5°	1104.7	1150.7	1104.7	1058.7	1047.2	974.4	877.4	828.9	795.8	729.7	680.0
145°	1045.4	1080.2	1045.4	1010.5	1001.8	942.4	863.0	823.3	795.8	740.9	699.6
147.5°	999.8	1028.7	999.8	971.1	963.8	917.0	854.6	823.3	801.3	757.3	724.2
150°	971.1	994.6	971.1	947.8	941.9	902.4	849.7	823.3	804.1	765.9	737.1
152.5°	946.7	964.4	946.7	929.1	924.6	890.9	845.9	823.3	806.0	771.5	745.5
155°	918.6	930.2	918.6	906.8	903.9	877.0	841.3	823.3	810.1	783.8	764.0
157.5°	896.2	904.4	896.2	888.1	886.0	865.1	837.3	823.3	814.3	796.1	782.4
160°	883.0	887.7	883.0	878.2	877.0	859.1	835.3	823.3	816.1	801.7	790.8
162.5°	874.2	878.7	874.2	869.7	868.6	853.5	833.4	823.3	818.1	807.7	799.8
165°	861.7	866.4	861.7	856.9	855.7	845.0	830.6	823.3	821.0	816.2	812.7
167.5°	852.7	854.7	852.7	850.7	850.1	843.1	833.6	828.9	826.9	822.9	819.9
170°	850.1	850.1	850.1	850.1	850.1	843.1	833.6	828.9	828.8	828.5	828.3
172.5°	843.5	841.8	843.5	845.2	845.7	840.1	832.6	828.9	828.9	828.9	828.9
175°	839.5	839.5	839.5	839.5	839.5	836.0	831.2	828.9	829.9	832.2	833.9
177.5°	835.9	833.9	835.9	837.9	838.5	835.6	831.9	830.0	830.9	832.7	833.9
180°	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9



TEST NUMBER: P934255

CATALOG NUMBER: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1952.3	1941.3	1941.3	1923.1	1915.9	1910.3	1901.3	1874.0	1866.7	1859.4	1870.3
5°	1968.6	1948.6	1934.1	1901.3	1874.0	1863.0	1828.4	1762.9	1719.2	1686.4	1668.2
7.5°	1972.3	1946.8	1919.5	1868.5	1802.9	1773.8	1668.2	1548.0	1515.1	1486.1	1467.8
10°	1968.6	1939.5	1901.3	1824.8	1670.0	1619.0	1513.3	1435.0	1415.0	1409.6	1415.0
12.5°	1955.9	1928.6	1875.8	1748.3	1531.6	1497.0	1435.0	1389.5	1385.9	1395.0	1444.2
15°	1934.1	1908.5	1846.6	1646.3	1455.1	1429.6	1385.9	1369.5	1389.5	1453.2	1600.8
17.5°	1912.2	1883.1	1806.6	1546.2	1396.8	1378.7	1347.6	1380.5	1493.3	1579.0	1628.1
20°	1883.1	1848.4	1761.1	1473.3	1354.9	1338.6	1324.0	1471.5	1557.1	1588.0	1615.4
22.5°	1848.4	1812.0	1699.2	1422.3	1311.2	1298.5	1307.6	1522.5	1557.1	1579.0	1602.6
25°	1802.9	1771.9	1626.3	1382.3	1276.6	1262.1	1296.6	1517.0	1537.1	1542.5	1589.8
27.5°	1761.1	1721.0	1549.8	1345.8	1234.7	1229.3	1305.8	1493.3	1507.9	1513.3	1564.4
30°	1710.0	1649.9	1464.2	1307.6	1191.0	1189.2	1307.6	1464.2	1460.6	1475.1	1526.1
32.5°	1657.3	1544.3	1367.7	1260.3	1149.1	1147.3	1294.8	1420.5	1416.8	1436.9	1475.1
35°	1608.1	1462.4	1236.5	1205.6	1096.3	1098.1	1263.9	1369.5	1371.3	1389.5	1413.2
37.5°	1557.1	1391.3	1092.7	1145.5	1045.4	1045.4	1222.0	1322.2	1318.5	1324.0	1356.7
40°	1497.0	1280.3	965.2	1067.2	998.0	992.5	1171.0	1271.1	1258.4	1256.6	1302.1
42.5°	1433.2	1158.2	870.5	963.4	943.4	936.0	1109.1	1209.2	1185.6	1191.0	1249.3
45°	1364.1	1125.5	797.6	814.0	886.9	881.4	1041.7	1138.2	1121.9	1136.4	1196.5
47.5°	1294.8	1059.9	774.0	675.6	826.8	825.0	967.0	1069.0	1059.9	1074.5	1138.2
50°	1200.2	987.1	772.2	579.1	759.4	766.7	877.8	1001.7	1001.7	1014.4	1081.8
52.5°	1078.1	897.8	701.1	524.5	681.1	702.9	799.4	943.4	947.0	959.7	1019.8
55°	967.0	805.0	650.2	482.6	588.3	635.6	723.0	883.3	890.5	903.3	957.9
57.5°	865.1	670.2	639.2	433.4	502.6	548.2	655.6	825.0	828.6	839.5	892.4
60°	755.8	484.4	586.5	380.6	428.0	462.5	593.7	755.8	768.5	775.8	821.3
62.5°	631.9	351.5	531.8	344.2	391.6	398.8	542.7	690.2	706.6	712.1	739.4
65°	449.9	295.0	451.7	313.3	353.3	355.1	488.1	622.8	637.4	646.5	666.6
67.5°	304.1	240.4	344.2	284.1	324.1	325.9	435.3	544.5	564.5	571.9	584.6
70°	211.3	160.3	255.0	253.2	291.4	295.0	378.8	473.5	491.7	497.2	504.4
72.5°	154.8	129.3	211.3	227.6	256.8	260.4	320.5	393.4	411.6	417.0	420.7
75°	118.4	136.6	171.2	198.5	218.5	220.3	262.2	320.5	333.3	336.9	338.7
77.5°	94.7	127.4	125.6	160.3	178.5	174.8	205.8	247.7	258.6	258.6	258.6
80°	71.1	100.2	94.7	114.8	131.2	127.4	147.5	176.7	180.3	183.9	182.1
82.5°	52.8	63.7	63.7	72.9	87.4	83.8	98.3	114.8	114.8	114.8	118.4
85°	32.8	36.4	29.1	38.3	49.2	47.3	54.7	61.9	63.7	63.7	60.1
87.5°	20.0	16.4	9.1	14.6	21.8	21.8	25.5	27.3	25.5	25.5	25.5
90°	14.6	10.0	5.6	10.0	14.6	15.7	24.6	36.6	42.5	37.8	28.3
92.5°	98.5	60.4	22.4	60.4	98.5	108.0	151.8	210.3	239.5	209.9	150.7
95°	193.1	123.4	53.8	123.4	193.1	210.4	373.7	591.3	700.1	624.7	474.0
97.5°	215.8	154.3	92.9	154.3	215.8	231.2	503.4	866.2	1047.7	1000.1	904.8
100°	234.5	178.9	123.1	178.9	234.5	248.5	550.5	953.2	1154.6	1158.1	1165.0
102.5°	252.8	200.9	148.9	200.9	252.8	265.8	572.2	980.7	1184.9	1245.5	1366.9
105°	280.5	236.5	192.5	236.5	280.5	291.6	588.2	983.7	1181.5	1317.6	1589.6
107.5°	319.4	278.3	237.3	278.3	319.4	329.7	591.3	940.0	1114.3	1304.2	1683.8
110°	341.7	304.6	267.6	304.6	341.7	350.9	586.7	901.2	1058.4	1270.6	1694.9



TEST NUMBER: P934255

CATALOG NUMBER: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	367.8	332.5	297.2	332.5	367.8	376.6	586.9	867.2	1007.4	1224.6	1658.9
115°	407.1	374.6	342.0	374.6	407.1	415.3	592.3	828.4	946.4	1155.6	1574.0
117.5°	445.3	415.7	386.1	415.7	445.3	452.8	603.3	804.1	904.4	1093.3	1470.8
120°	467.6	439.8	411.9	439.8	467.6	474.6	612.3	795.9	887.7	1060.2	1405.2
122.5°	493.3	465.3	437.1	465.3	493.3	500.4	625.2	791.6	874.7	1030.1	1340.8
125°	527.0	501.4	475.8	501.4	527.0	533.4	642.6	788.0	860.8	992.8	1256.6
127.5°	558.8	533.0	507.1	533.0	558.8	565.3	659.9	786.0	849.0	962.4	1188.9
130°	579.6	551.8	523.9	551.8	579.6	586.5	672.5	787.2	844.6	945.4	1147.2
132.5°	597.0	569.1	541.2	569.1	597.0	603.9	682.9	788.0	840.6	931.0	1111.5
135°	617.7	592.3	567.0	592.3	617.7	624.0	694.0	787.3	833.9	909.6	1060.8
137.5°	643.6	618.4	593.2	618.4	643.6	649.8	710.8	792.2	832.8	896.7	1024.6
140°	661.3	638.2	615.1	638.2	661.3	667.1	721.1	792.9	828.9	884.1	994.6
142.5°	674.7	653.3	631.9	653.3	674.7	680.0	729.7	795.8	828.9	877.4	974.4
145°	694.9	676.2	657.6	676.2	694.9	699.6	740.9	795.8	823.3	863.0	942.4
147.5°	719.7	701.5	683.4	701.5	719.7	724.2	757.3	801.3	823.3	854.6	917.0
150°	733.0	716.5	700.1	716.5	733.0	737.1	765.9	804.1	823.3	849.7	902.4
152.5°	742.4	729.9	717.5	729.9	742.4	745.5	771.5	806.0	823.3	845.9	890.9
155°	761.7	752.5	743.2	752.5	761.7	764.0	783.8	810.1	823.3	841.3	877.0
157.5°	780.2	771.3	762.3	771.3	780.2	782.4	796.1	814.3	823.3	837.3	865.1
160°	789.1	782.1	775.2	782.1	789.1	790.8	801.7	816.1	823.3	835.3	859.1
162.5°	798.5	793.3	788.0	793.3	798.5	799.8	807.7	818.1	823.3	833.4	853.5
165°	811.5	806.8	802.1	806.8	811.5	812.7	816.2	821.0	823.3	830.6	845.0
167.5°	819.4	817.1	814.9	817.1	819.4	819.9	822.9	826.9	828.9	833.6	843.1
170°	827.8	825.5	823.3	825.5	827.8	828.3	828.5	828.8	828.9	833.6	843.1
172.5°	828.8	828.2	827.8	828.2	828.8	828.9	828.9	828.9	828.9	832.6	840.1
175°	833.9	833.9	833.9	833.9	833.9	833.9	832.2	829.9	828.9	831.2	836.0
177.5°	833.9	833.9	833.9	833.9	833.9	833.9	832.7	830.9	830.0	831.9	835.6
180°	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9



TEST NUMBER: P934255
 CATALOG NUMBER: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1857.6	1852.1	1859.4	1839.4	1859.4	1852.1	1857.6	1870.3	1859.4	1866.7	1874.0
5°	1629.9	1620.8	1591.7	1568.0	1591.7	1620.8	1629.9	1668.2	1686.4	1719.2	1762.9
7.5°	1456.9	1449.6	1442.4	1427.8	1442.4	1449.6	1456.9	1467.8	1486.1	1515.1	1548.0
10°	1418.7	1420.5	1431.4	1429.6	1431.4	1420.5	1418.7	1415.0	1409.6	1415.0	1435.0
12.5°	1517.0	1533.4	1593.5	1589.8	1593.5	1533.4	1517.0	1444.2	1395.0	1385.9	1389.5
15°	1629.9	1635.4	1648.1	1649.9	1648.1	1635.4	1629.9	1600.8	1453.2	1389.5	1369.5
17.5°	1640.9	1642.7	1651.7	1651.7	1651.7	1642.7	1640.9	1628.1	1579.0	1493.3	1380.5
20°	1631.7	1635.4	1653.6	1657.3	1653.6	1635.4	1631.7	1615.4	1588.0	1557.1	1471.5
22.5°	1628.1	1635.4	1649.9	1648.1	1649.9	1635.4	1628.1	1602.6	1579.0	1557.1	1522.5
25°	1609.9	1609.9	1611.7	1613.5	1611.7	1609.9	1609.9	1589.8	1542.5	1537.1	1517.0
27.5°	1571.6	1575.3	1586.2	1584.4	1586.2	1575.3	1571.6	1564.4	1513.3	1507.9	1493.3
30°	1537.1	1533.4	1524.3	1517.0	1524.3	1533.4	1537.1	1526.1	1475.1	1460.6	1464.2
32.5°	1478.8	1469.6	1460.6	1455.1	1460.6	1469.6	1478.8	1475.1	1436.9	1416.8	1420.5
35°	1409.6	1411.4	1409.6	1404.1	1409.6	1411.4	1409.6	1413.2	1389.5	1371.3	1369.5
37.5°	1360.4	1364.1	1362.2	1354.9	1362.2	1364.1	1360.4	1356.7	1324.0	1318.5	1322.2
40°	1309.4	1311.2	1309.4	1304.0	1309.4	1311.2	1309.4	1302.1	1256.6	1258.4	1271.1
42.5°	1260.3	1258.4	1252.9	1249.3	1252.9	1258.4	1260.3	1249.3	1191.0	1185.6	1209.2
45°	1203.8	1205.6	1194.6	1189.2	1194.6	1205.6	1203.8	1196.5	1136.4	1121.9	1138.2
47.5°	1147.3	1147.3	1138.2	1132.7	1138.2	1147.3	1147.3	1138.2	1074.5	1059.9	1069.0
50°	1087.2	1085.4	1072.6	1070.8	1072.6	1085.4	1087.2	1081.8	1014.4	1001.7	1001.7
52.5°	1018.0	1018.0	1019.8	1023.5	1019.8	1018.0	1018.0	1019.8	959.7	947.0	943.4
55°	957.9	959.7	972.5	976.1	972.5	959.7	957.9	957.9	903.3	890.5	883.3
57.5°	896.0	896.0	905.1	905.1	905.1	896.0	896.0	892.4	839.5	828.6	825.0
60°	825.0	828.6	835.9	834.1	835.9	828.6	825.0	821.3	775.8	768.5	755.8
62.5°	750.3	754.0	755.8	752.1	755.8	754.0	750.3	739.4	712.1	706.6	690.2
65°	672.0	675.6	677.4	673.8	677.4	675.6	672.0	666.6	646.5	637.4	622.8
67.5°	591.9	590.1	588.3	595.5	588.3	590.1	591.9	584.6	571.9	564.5	544.5
70°	509.9	509.9	508.1	511.8	508.1	509.9	509.9	504.4	497.2	491.7	473.5
72.5°	422.5	420.7	428.0	422.5	428.0	420.7	422.5	420.7	417.0	411.6	393.4
75°	336.9	340.5	336.9	342.3	336.9	340.5	336.9	338.7	336.9	333.3	320.5
77.5°	256.8	260.4	256.8	256.8	256.8	260.4	256.8	258.6	258.6	258.6	247.7
80°	182.1	180.3	180.3	178.5	180.3	180.3	182.1	182.1	183.9	180.3	176.7
82.5°	116.6	114.8	114.8	118.4	114.8	114.8	116.6	118.4	114.8	114.8	114.8
85°	63.7	65.5	61.9	61.9	61.9	65.5	63.7	60.1	63.7	63.7	61.9
87.5°	23.7	21.8	21.8	21.8	21.8	21.8	23.7	25.5	25.5	25.5	27.3
90°	21.3	21.3	21.3	21.3	21.3	21.3	21.3	28.3	37.8	42.5	36.6
92.5°	106.4	102.1	85.2	68.2	85.2	102.1	106.4	150.7	209.9	239.5	210.3
95°	361.0	348.1	296.9	245.7	296.9	348.1	361.0	474.0	624.7	700.1	591.3
97.5°	833.4	809.0	711.5	614.0	711.5	809.0	833.4	904.8	1000.1	1047.7	866.2
100°	1170.3	1141.2	1025.1	909.0	1025.1	1141.2	1170.3	1165.0	1158.1	1154.6	953.2
102.5°	1457.9	1433.1	1333.6	1234.1	1333.6	1433.1	1457.9	1366.9	1245.5	1184.9	980.7
105°	1793.8	1780.4	1727.0	1673.5	1727.0	1780.4	1793.8	1589.6	1317.6	1181.5	983.7
107.5°	1968.5	1971.7	1984.6	1997.5	1984.6	1971.7	1968.5	1683.8	1304.2	1114.3	940.0
110°	2013.2	2027.1	2082.8	2138.5	2082.8	2027.1	2013.2	1694.9	1270.6	1058.4	901.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1984.7	2006.0	2091.6	2177.2	2091.6	2006.0	1984.7	1658.9	1224.6	1007.4	867.2
115°	1887.8	1917.5	2036.2	2154.8	2036.2	1917.5	1887.8	1574.0	1155.6	946.4	828.4
117.5°	1754.0	1786.9	1918.5	2050.1	1918.5	1786.9	1754.0	1470.8	1093.3	904.4	804.1
120°	1664.0	1695.9	1823.8	1951.6	1823.8	1695.9	1664.0	1405.2	1060.2	887.7	795.9
122.5°	1573.8	1605.3	1731.5	1857.6	1731.5	1605.3	1573.8	1340.8	1030.1	874.7	791.6
125°	1454.6	1483.6	1599.8	1716.0	1599.8	1483.6	1454.6	1256.6	992.8	860.8	788.0
127.5°	1358.9	1383.4	1481.4	1579.4	1481.4	1383.4	1358.9	1188.9	962.4	849.0	786.0
130°	1298.5	1321.1	1411.7	1502.2	1411.7	1321.1	1298.5	1147.2	945.4	844.6	787.2
132.5°	1246.9	1267.2	1348.3	1429.4	1348.3	1267.2	1246.9	1111.5	931.0	840.6	788.0
135°	1174.3	1191.7	1261.6	1331.5	1261.6	1191.7	1174.3	1060.8	909.6	833.9	787.3
137.5°	1120.5	1134.8	1192.0	1249.2	1192.0	1134.8	1120.5	1024.6	896.7	832.8	792.2
140°	1077.4	1090.8	1144.2	1197.7	1144.2	1090.8	1077.4	994.6	884.1	828.9	792.9
142.5°	1047.2	1058.7	1104.7	1150.7	1104.7	1058.7	1047.2	974.4	877.4	828.9	795.8
145°	1001.8	1010.5	1045.4	1080.2	1045.4	1010.5	1001.8	942.4	863.0	823.3	795.8
147.5°	963.8	971.1	999.8	1028.7	999.8	971.1	963.8	917.0	854.6	823.3	801.3
150°	941.9	947.8	971.1	994.6	971.1	947.8	941.9	902.4	849.7	823.3	804.1
152.5°	924.6	929.1	946.7	964.4	946.7	929.1	924.6	890.9	845.9	823.3	806.0
155°	903.9	906.8	918.6	930.2	918.6	906.8	903.9	877.0	841.3	823.3	810.1
157.5°	886.0	888.1	896.2	904.4	896.2	888.1	886.0	865.1	837.3	823.3	814.3
160°	877.0	878.2	883.0	887.7	883.0	878.2	877.0	859.1	835.3	823.3	816.1
162.5°	868.6	869.7	874.2	878.7	874.2	869.7	868.6	853.5	833.4	823.3	818.1
165°	855.7	856.9	861.7	866.4	861.7	856.9	855.7	845.0	830.6	823.3	821.0
167.5°	850.1	850.7	852.7	854.7	852.7	850.7	850.1	843.1	833.6	828.9	826.9
170°	850.1	850.1	850.1	850.1	850.1	850.1	850.1	843.1	833.6	828.9	828.8
172.5°	845.7	845.2	843.5	841.8	843.5	845.2	845.7	840.1	832.6	828.9	828.9
175°	839.5	839.5	839.5	839.5	839.5	839.5	839.5	836.0	831.2	828.9	829.9
177.5°	838.5	837.9	835.9	833.9	835.9	837.9	838.5	835.6	831.9	830.0	830.9
180°	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9	833.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1901.3	1910.3	1915.9	1923.1	1941.3
5°	1828.4	1863.0	1874.0	1901.3	1934.1
7.5°	1668.2	1773.8	1802.9	1868.5	1919.5
10°	1513.3	1619.0	1670.0	1824.8	1901.3
12.5°	1435.0	1497.0	1531.6	1748.3	1875.8
15°	1385.9	1429.6	1455.1	1646.3	1846.6
17.5°	1347.6	1378.7	1396.8	1546.2	1806.6
20°	1324.0	1338.6	1354.9	1473.3	1761.1
22.5°	1307.6	1298.5	1311.2	1422.3	1699.2
25°	1296.6	1262.1	1276.6	1382.3	1626.3
27.5°	1305.8	1229.3	1234.7	1345.8	1549.8
30°	1307.6	1189.2	1191.0	1307.6	1464.2
32.5°	1294.8	1147.3	1149.1	1260.3	1367.7
35°	1263.9	1098.1	1096.3	1205.6	1236.5
37.5°	1222.0	1045.4	1045.4	1145.5	1092.7
40°	1171.0	992.5	998.0	1067.2	965.2
42.5°	1109.1	936.0	943.4	963.4	870.5
45°	1041.7	881.4	886.9	814.0	797.6
47.5°	967.0	825.0	826.8	675.6	774.0
50°	877.8	766.7	759.4	579.1	772.2
52.5°	799.4	702.9	681.1	524.5	701.1
55°	723.0	635.6	588.3	482.6	650.2
57.5°	655.6	548.2	502.6	433.4	639.2
60°	593.7	462.5	428.0	380.6	586.5
62.5°	542.7	398.8	391.6	344.2	531.8
65°	488.1	355.1	353.3	313.3	451.7
67.5°	435.3	325.9	324.1	284.1	344.2
70°	378.8	295.0	291.4	253.2	255.0
72.5°	320.5	260.4	256.8	227.6	211.3
75°	262.2	220.3	218.5	198.5	171.2
77.5°	205.8	174.8	178.5	160.3	125.6
80°	147.5	127.4	131.2	114.8	94.7
82.5°	98.3	83.8	87.4	72.9	63.7
85°	54.7	47.3	49.2	38.3	29.1
87.5°	25.5	21.8	21.8	14.6	9.1
90°	24.6	15.7	14.6	10.0	5.6
92.5°	151.8	108.0	98.5	60.4	22.4
95°	373.7	210.4	193.1	123.4	53.8
97.5°	503.4	231.2	215.8	154.3	92.9
100°	550.5	248.5	234.5	178.9	123.1
102.5°	572.2	265.8	252.8	200.9	148.9
105°	588.2	291.6	280.5	236.5	192.5
107.5°	591.3	329.7	319.4	278.3	237.3
110°	586.7	350.9	341.7	304.6	267.6



TEST NUMBER: P934255

CATALOG NUMBER: SQ4-FA-050U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	586.9	376.6	367.8	332.5	297.2
115°	592.3	415.3	407.1	374.6	342.0
117.5°	603.3	452.8	445.3	415.7	386.1
120°	612.3	474.6	467.6	439.8	411.9
122.5°	625.2	500.4	493.3	465.3	437.1
125°	642.6	533.4	527.0	501.4	475.8
127.5°	659.9	565.3	558.8	533.0	507.1
130°	672.5	586.5	579.6	551.8	523.9
132.5°	682.9	603.9	597.0	569.1	541.2
135°	694.0	624.0	617.7	592.3	567.0
137.5°	710.8	649.8	643.6	618.4	593.2
140°	721.1	667.1	661.3	638.2	615.1
142.5°	729.7	680.0	674.7	653.3	631.9
145°	740.9	699.6	694.9	676.2	657.6
147.5°	757.3	724.2	719.7	701.5	683.4
150°	765.9	737.1	733.0	716.5	700.1
152.5°	771.5	745.5	742.4	729.9	717.5
155°	783.8	764.0	761.7	752.5	743.2
157.5°	796.1	782.4	780.2	771.3	762.3
160°	801.7	790.8	789.1	782.1	775.2
162.5°	807.7	799.8	798.5	793.3	788.0
165°	816.2	812.7	811.5	806.8	802.1
167.5°	822.9	819.9	819.4	817.1	814.9
170°	828.5	828.3	827.8	825.5	823.3
172.5°	828.9	828.9	828.8	828.2	827.8
175°	832.2	833.9	833.9	833.9	833.9
177.5°	832.7	833.9	833.9	833.9	833.9
180°	833.9	833.9	833.9	833.9	833.9



TEST NUMBER: P934255
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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	10.82	11.67	11.80	12.66	13.96	13.68	14.52	14.65	15.51	16.81
	3H	11.30	12.06	12.29	13.05	14.37	15.03	15.78	16.01	16.78	18.10
	4H	11.49	12.21	12.49	13.21	14.54	15.47	16.19	16.47	17.19	18.52
	6H	11.61	12.27	12.62	13.27	14.61	15.76	16.42	16.77	17.43	18.77
	8H	11.61	12.24	12.62	13.26	14.60	15.84	16.47	16.86	17.49	18.83
	12H	11.58	12.18	12.60	13.19	14.55	15.88	16.48	16.90	17.49	18.86
4H	2H	11.86	12.58	12.86	13.58	14.90	14.08	14.80	15.09	15.80	17.13
	3H	12.89	13.48	13.90	14.51	15.85	15.59	16.19	16.61	17.22	18.56
	4H	13.16	13.71	14.18	14.73	16.09	16.12	16.67	17.15	17.69	19.06
	6H	13.28	13.75	14.32	14.80	16.16	16.49	16.96	17.53	18.01	19.37
	8H	13.29	13.73	14.32	14.77	16.14	16.60	17.04	17.64	18.08	19.46
	12H	13.26	13.65	14.31	14.70	16.09	16.66	17.06	17.72	18.11	19.49
8H	4H	13.62	14.05	14.65	15.09	16.47	16.25	16.68	17.28	17.72	19.10
	6H	13.88	14.24	14.93	15.32	16.69	16.69	17.05	17.75	18.13	19.50
	8H	13.92	14.24	14.98	15.30	16.70	16.84	17.16	17.91	18.23	19.62
	12H	13.90	14.18	14.97	15.24	16.68	16.95	17.23	18.01	18.28	19.72
12H	4H	13.62	14.02	14.67	15.07	16.45	16.21	16.61	17.26	17.66	19.04
	6H	13.94	14.26	15.00	15.32	16.72	16.68	17.00	17.75	18.07	19.46
	8H	14.00	14.29	15.07	15.34	16.78	16.85	17.13	17.92	18.19	19.62