

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: P934766

Luminaire Tested: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934766
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

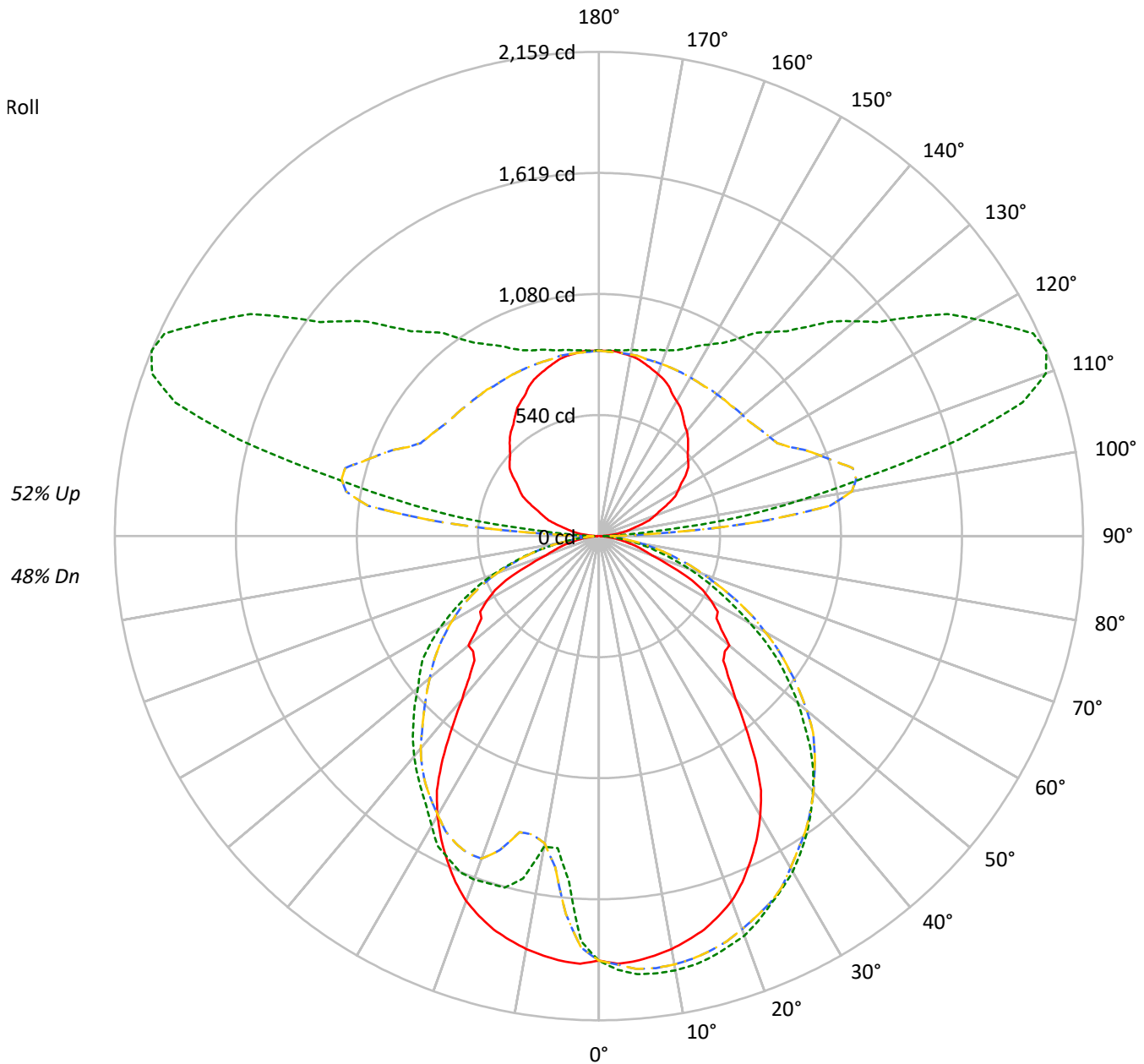
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10271.9 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
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	82	79	72	70	68	60	58	56	48	47	46	40
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	54	56	51	47	46	43	40	37	35	33	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	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	33	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	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8781	8781	8781	8781
5°	8847	8864	8847	6969
10°	8787	8731	8787	6242
15°	8692	8542	8692	7133
20°	8510	8318	8510	7148
25°	8138	7991	8138	6996
30°	7657	7720	7657	6664
35°	6826	7376	6826	6298
40°	5688	6972	5688	6022
45°	5083	6499	5083	5705
50°	5399	5935	5399	5386
55°	5081	5328	5081	5202
60°	5237	4525	5237	4764
65°	4748	3741	4748	4181
70°	3288	2981	3288	3505
75°	2882	2203	2882	2638
80°	2323	1457	2323	1587
85°	1332	771	1332	656

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7789 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.8	1.7
10°-20°	485.1	4.7
20°-30°	749.8	7.3
30°-40°	895.1	8.7
40°-50°	900.4	8.8
50°-60°	783.5	7.6
60°-70°	555.5	5.4
70°-80°	293.9	2.9
80°-90°	76.4	0.7
90°-100°	403.2	3.9
100°-110°	1059.9	10.3
110°-120°	1099.0	10.7
120°-130°	881.5	8.6
130°-140°	691.7	6.7
140°-150°	530.9	5.2
150°-160°	382.3	3.7
160°-170°	233.9	2.3
170°-180°	79.0	0.8
0°-30°	1405.7	13.7
0°-40°	2300.8	22.4
0°-60°	3984.6	38.8
0°-90°	4910.4	47.8
90°-120°	2562.1	24.9
90°-150°	4666.3	45.4
90°-180°	5362.0	52.2
0°-180°	10271.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1893	1893	1893	1893	1893	
5°	1902	1961	1902	1542	1902	180
15°	1816	1943	1816	1622	1816	511
25°	1599	1812	1599	1586	1599	734
35°	1216	1617	1216	1380	1216	752
45°	784	1332	784	1169	784	628
55°	639	983	639	960	639	587
65°	444	593	444	662	444	424
75°	168	281	168	337	168	177
85°	29	72	29	61	29	39
90°	6	21	6	21	6	6
95°	53	244	53	244	53	59
105°	191	1660	191	1660	191	202
115°	339	2137	339	2137	339	335
125°	472	1702	472	1702	472	419
135°	562	1320	562	1320	562	435
145°	652	1071	652	1071	652	409
155°	737	922	737	922	737	339
165°	795	859	795	859	795	224
175°	827	833	827	833	827	79
180°	827	827	827	827	827	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6
2.5°	1908.7	1908.7	1919.5	1923.0	1923.0	1917.7	1912.3	1917.7	1933.8	1939.2	1937.4
5°	1901.6	1915.9	1935.6	1939.2	1942.7	1940.9	1937.4	1940.9	1958.9	1962.4	1964.2
7.5°	1887.2	1914.1	1939.2	1944.5	1949.9	1944.5	1942.7	1946.3	1964.2	1967.8	1967.8
10°	1869.3	1906.9	1935.6	1939.2	1944.5	1939.2	1939.2	1946.3	1964.2	1967.8	1969.6
12.5°	1844.3	1896.2	1923.0	1926.6	1933.8	1932.0	1930.2	1937.4	1955.3	1958.9	1958.9
15°	1815.6	1876.5	1901.6	1905.1	1917.7	1914.1	1914.1	1921.3	1940.9	1946.3	1944.5
17.5°	1776.2	1851.4	1880.1	1885.4	1894.4	1892.6	1894.4	1901.6	1919.5	1923.0	1924.8
20°	1731.4	1817.4	1851.4	1856.8	1865.7	1865.7	1865.7	1874.7	1892.6	1899.8	1899.8
22.5°	1670.6	1781.6	1817.4	1821.0	1831.7	1831.7	1835.3	1847.8	1864.0	1865.7	1865.7
25°	1598.9	1742.2	1772.6	1783.4	1794.1	1799.5	1804.9	1812.0	1817.4	1815.6	1817.4
27.5°	1523.7	1692.1	1731.4	1738.6	1752.9	1758.3	1765.5	1767.3	1769.0	1774.4	1770.8
30°	1439.6	1622.2	1681.3	1688.5	1711.7	1715.3	1708.2	1711.7	1720.7	1724.3	1727.9
32.5°	1344.7	1518.4	1629.4	1645.5	1667.0	1656.2	1654.4	1659.8	1674.1	1674.1	1677.7
35°	1215.7	1437.8	1581.0	1595.4	1611.5	1598.9	1606.1	1607.9	1616.8	1622.2	1620.4
37.5°	1074.3	1367.9	1530.9	1541.6	1554.2	1538.1	1548.8	1554.2	1561.3	1557.8	1557.8
40°	949.0	1258.7	1471.8	1479.0	1489.7	1477.2	1487.9	1491.5	1495.1	1491.5	1489.7
42.5°	855.9	1138.7	1409.1	1418.1	1410.9	1419.9	1423.5	1430.6	1425.2	1418.1	1418.1
45°	784.3	1106.5	1341.1	1351.8	1341.1	1355.4	1360.8	1360.8	1344.7	1341.1	1339.3
47.5°	761.0	1042.1	1273.0	1273.0	1267.7	1285.6	1294.5	1282.0	1265.9	1260.5	1260.5
50°	759.2	970.5	1179.9	1172.8	1197.8	1219.3	1210.4	1197.8	1185.3	1165.6	1165.6
52.5°	689.4	882.8	1060.0	1086.8	1126.2	1138.7	1124.4	1111.9	1090.4	1081.4	1074.3
55°	639.3	791.5	950.8	1004.5	1045.7	1061.8	1035.0	1022.4	990.2	984.8	981.3
57.5°	628.5	658.9	850.5	918.6	968.7	966.9	950.8	927.5	900.7	895.3	893.5
60°	576.6	476.3	743.1	823.7	875.6	870.2	855.9	834.4	809.4	805.8	802.2
62.5°	522.9	345.6	621.3	712.7	786.1	784.3	771.8	739.5	721.6	712.7	705.5
65°	444.1	290.1	442.3	592.7	698.3	701.9	675.1	651.8	632.1	621.3	619.6
67.5°	338.4	236.4	299.0	494.2	614.2	610.6	576.6	565.8	540.8	535.4	524.7
70°	250.7	157.6	207.7	401.1	531.8	522.9	496.0	483.5	460.2	447.7	440.5
72.5°	207.7	127.1	152.2	311.6	447.7	436.9	413.6	399.3	379.6	368.9	361.7
75°	168.3	134.3	116.4	231.0	363.5	356.3	334.8	320.5	304.4	290.1	291.9
77.5°	123.6	125.3	93.1	170.1	288.3	277.5	265.0	247.1	239.9	225.6	225.6
80°	93.1	98.5	69.8	116.4	207.7	207.7	197.0	184.4	171.9	164.7	164.7
82.5°	62.7	62.7	51.9	73.4	141.5	136.1	128.9	125.3	118.2	114.6	114.6
85°	28.6	35.8	32.2	44.8	77.0	80.6	80.6	77.0	75.2	71.6	73.4
87.5°	9.0	16.1	19.7	25.1	39.4	41.2	43.0	43.0	43.0	44.8	44.8
90°	5.6	10.0	14.5	15.6	24.4	36.3	42.2	37.5	28.1	21.1	21.1
92.5°	22.2	60.0	97.8	107.2	150.7	208.6	237.6	208.2	149.5	105.5	101.3
95°	53.3	122.4	191.4	208.7	370.6	586.4	694.4	619.6	470.1	358.0	345.3
97.5°	92.1	153.1	214.1	229.3	499.2	859.1	1039.1	991.8	897.4	826.6	802.4
100°	122.1	177.4	232.7	246.5	546.1	945.4	1145.1	1148.6	1155.5	1160.7	1131.9
102.5°	147.6	199.2	250.8	263.7	567.4	972.6	1175.1	1235.3	1355.7	1446.0	1421.3
105°	191.0	234.7	278.3	289.2	583.4	975.6	1171.8	1306.7	1576.6	1779.0	1765.7
107.5°	235.4	276.1	316.8	327.0	586.3	932.2	1105.2	1293.4	1669.8	1952.2	1955.5
110°	265.4	302.1	338.8	348.0	581.9	893.7	1049.7	1260.1	1680.9	1996.6	2010.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	294.7	329.7	364.8	373.5	582.0	860.1	999.2	1214.6	1645.3	1968.3	1989.6
115°	339.1	371.5	403.8	411.8	587.4	821.5	938.6	1146.1	1561.1	1872.3	1901.7
117.5°	383.0	412.4	441.7	449.1	598.4	797.5	897.0	1084.2	1458.7	1739.6	1772.2
120°	408.5	436.1	463.8	470.7	607.2	789.3	880.4	1051.5	1393.6	1650.2	1681.9
122.5°	433.5	461.4	489.3	496.3	620.0	785.0	867.6	1021.6	1329.8	1560.9	1592.1
125°	471.8	497.3	522.6	529.0	637.2	781.5	853.7	984.6	1246.3	1442.6	1471.4
127.5°	502.9	528.6	554.2	560.6	654.5	779.5	842.0	954.4	1179.1	1347.7	1372.0
130°	519.5	547.1	574.8	581.7	667.0	780.8	837.7	937.7	1137.8	1287.8	1310.3
132.5°	536.7	564.4	592.1	599.0	677.2	781.5	833.7	923.2	1102.4	1236.7	1256.8
135°	562.3	587.4	612.7	618.9	688.3	780.8	827.1	902.1	1052.1	1164.5	1181.9
137.5°	588.4	613.3	638.2	644.4	705.0	785.6	825.9	889.3	1016.2	1111.3	1125.4
140°	610.1	633.0	655.9	661.6	715.1	786.4	822.1	876.9	986.4	1068.6	1081.8
142.5°	626.7	647.9	669.2	674.4	723.7	789.3	822.1	870.2	966.4	1038.6	1049.9
145°	652.2	670.8	689.2	693.9	734.8	789.3	816.5	855.9	934.6	993.6	1002.2
147.5°	677.8	695.7	713.8	718.3	751.1	794.7	816.5	847.5	909.4	955.8	963.0
150°	694.4	710.7	727.0	731.0	759.5	797.5	816.5	842.7	895.0	934.2	940.0
152.5°	711.6	723.9	736.3	739.3	765.0	799.3	816.5	838.8	883.5	917.0	921.4
155°	737.1	746.2	755.4	757.7	777.3	803.5	816.5	834.3	869.8	896.5	899.3
157.5°	756.0	764.9	773.7	776.0	789.5	807.5	816.5	830.3	858.0	878.7	880.7
160°	768.8	775.7	782.6	784.3	795.0	809.4	816.5	828.3	852.1	869.8	871.0
162.5°	781.5	786.7	791.9	793.2	801.0	811.3	816.5	826.6	846.5	861.5	862.5
165°	795.4	800.1	804.8	806.0	809.5	814.2	816.5	823.7	838.0	848.8	849.9
167.5°	808.2	810.4	812.7	813.2	816.2	820.1	822.1	826.7	836.1	843.2	843.7
170°	816.5	818.8	821.0	821.5	821.7	822.0	822.1	826.7	836.1	843.2	843.2
172.5°	821.0	821.4	822.0	822.1	822.1	822.1	822.1	825.7	833.2	838.7	838.3
175°	827.1	827.1	827.1	827.1	825.4	823.1	822.1	824.4	829.1	832.6	832.6
177.5°	827.1	827.1	827.1	827.1	825.7	824.0	823.1	825.0	828.7	831.5	831.0
180°	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6
2.5°	1940.9	1935.6	1940.9	1937.4	1939.2	1933.8	1917.7	1912.3	1917.7	1923.0	1923.0
5°	1964.2	1960.6	1964.2	1964.2	1962.4	1958.9	1940.9	1937.4	1940.9	1942.7	1939.2
7.5°	1971.4	1966.0	1971.4	1967.8	1967.8	1964.2	1946.3	1942.7	1944.5	1949.9	1944.5
10°	1971.4	1966.0	1971.4	1969.6	1967.8	1964.2	1946.3	1939.2	1939.2	1944.5	1939.2
12.5°	1962.4	1958.9	1962.4	1958.9	1958.9	1955.3	1937.4	1930.2	1932.0	1933.8	1926.6
15°	1948.1	1942.7	1948.1	1944.5	1946.3	1940.9	1921.3	1914.1	1914.1	1917.7	1905.1
17.5°	1926.6	1919.5	1926.6	1924.8	1923.0	1919.5	1901.6	1894.4	1892.6	1894.4	1885.4
20°	1901.6	1896.2	1901.6	1899.8	1899.8	1892.6	1874.7	1865.7	1865.7	1865.7	1856.8
22.5°	1862.2	1856.8	1862.2	1865.7	1865.7	1864.0	1847.8	1835.3	1831.7	1831.7	1821.0
25°	1817.4	1812.0	1817.4	1817.4	1815.6	1817.4	1812.0	1804.9	1799.5	1794.1	1783.4
27.5°	1774.4	1770.8	1774.4	1770.8	1774.4	1769.0	1767.3	1765.5	1758.3	1752.9	1738.6
30°	1731.4	1727.9	1731.4	1727.9	1724.3	1720.7	1711.7	1708.2	1715.3	1711.7	1688.5
32.5°	1677.7	1674.1	1677.7	1677.7	1674.1	1674.1	1659.8	1654.4	1656.2	1667.0	1645.5
35°	1622.2	1616.8	1622.2	1620.4	1622.2	1616.8	1607.9	1606.1	1598.9	1611.5	1595.4
37.5°	1557.8	1552.4	1557.8	1557.8	1557.8	1561.3	1554.2	1548.8	1538.1	1554.2	1541.6
40°	1491.5	1484.3	1491.5	1489.7	1491.5	1495.1	1491.5	1487.9	1477.2	1489.7	1479.0
42.5°	1416.3	1414.5	1416.3	1418.1	1418.1	1425.2	1430.6	1423.5	1419.9	1410.9	1418.1
45°	1335.7	1332.1	1335.7	1339.3	1341.1	1344.7	1360.8	1360.8	1355.4	1341.1	1351.8
47.5°	1249.8	1240.8	1249.8	1260.5	1260.5	1265.9	1282.0	1294.5	1285.6	1267.7	1273.0
50°	1158.4	1160.2	1158.4	1165.6	1165.6	1185.3	1197.8	1210.4	1219.3	1197.8	1172.8
52.5°	1068.9	1067.2	1068.9	1074.3	1081.4	1090.4	1111.9	1124.4	1138.7	1126.2	1086.8
55°	979.5	983.1	979.5	981.3	984.8	990.2	1022.4	1035.0	1061.8	1045.7	1004.5
57.5°	889.9	884.6	889.9	893.5	895.3	900.7	927.5	950.8	966.9	968.7	918.6
60°	786.1	778.9	786.1	802.2	805.8	809.4	834.4	855.9	870.2	875.6	823.7
62.5°	694.8	682.2	694.8	705.5	712.7	721.6	739.5	771.8	784.3	786.1	712.7
65°	598.1	592.7	598.1	619.6	621.3	632.1	651.8	675.1	701.9	698.3	592.7
67.5°	510.3	510.3	510.3	524.7	535.4	540.8	565.8	576.6	610.6	614.2	494.2
70°	429.7	428.0	429.7	440.5	447.7	460.2	483.5	496.0	522.9	531.8	401.1
72.5°	352.8	351.0	352.8	361.7	368.9	379.6	399.3	413.6	436.9	447.7	311.6
75°	284.7	281.1	284.7	291.9	290.1	304.4	320.5	334.8	356.3	363.5	231.0
77.5°	218.5	218.5	218.5	225.6	225.6	239.9	247.1	265.0	277.5	288.3	170.1
80°	162.9	161.2	162.9	164.7	164.7	171.9	184.4	197.0	207.7	207.7	116.4
82.5°	114.6	111.0	114.6	114.6	114.6	118.2	125.3	128.9	136.1	141.5	73.4
85°	71.6	71.6	71.6	73.4	71.6	75.2	77.0	80.6	80.6	77.0	44.8
87.5°	46.6	44.8	46.6	44.8	44.8	43.0	43.0	43.0	41.2	39.4	25.1
90°	21.1	21.1	21.1	21.1	21.1	28.1	37.5	42.2	36.3	24.4	15.6
92.5°	84.5	67.7	84.5	101.3	105.5	149.5	208.2	237.6	208.6	150.7	107.2
95°	294.6	243.7	294.6	345.3	358.0	470.1	619.6	694.4	586.4	370.6	208.7
97.5°	705.6	608.9	705.6	802.4	826.6	897.4	991.8	1039.1	859.1	499.2	229.3
100°	1016.7	901.5	1016.7	1131.9	1160.7	1155.5	1148.6	1145.1	945.4	546.1	246.5
102.5°	1322.6	1224.0	1322.6	1421.3	1446.0	1355.7	1235.3	1175.1	972.6	567.4	263.7
105°	1712.6	1659.6	1712.6	1765.7	1779.0	1576.6	1306.7	1171.8	975.6	583.4	289.2
107.5°	1968.3	1981.1	1968.3	1955.5	1952.2	1669.8	1293.4	1105.2	932.2	586.3	327.0
110°	2065.8	2121.0	2065.8	2010.4	1996.6	1680.9	1260.1	1049.7	893.7	581.9	348.0



TEST NUMBER: P934766

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2074.3	2159.2	2074.3	1989.6	1968.3	1645.3	1214.6	999.2	860.1	582.0	373.5
115°	2019.4	2137.0	2019.4	1901.7	1872.3	1561.1	1146.1	938.6	821.5	587.4	411.8
117.5°	1902.7	2033.3	1902.7	1772.2	1739.6	1458.7	1084.2	897.0	797.5	598.4	449.1
120°	1808.8	1935.6	1808.8	1681.9	1650.2	1393.6	1051.5	880.4	789.3	607.2	470.7
122.5°	1717.2	1842.3	1717.2	1592.1	1560.9	1329.8	1021.6	867.6	785.0	620.0	496.3
125°	1586.7	1701.9	1586.7	1471.4	1442.6	1246.3	984.6	853.7	781.5	637.2	529.0
127.5°	1469.2	1566.4	1469.2	1372.0	1347.7	1179.1	954.4	842.0	779.5	654.5	560.6
130°	1400.0	1489.8	1400.0	1310.3	1287.8	1137.8	937.7	837.7	780.8	667.0	581.7
132.5°	1337.2	1417.6	1337.2	1256.8	1236.7	1102.4	923.2	833.7	781.5	677.2	599.0
135°	1251.2	1320.5	1251.2	1181.9	1164.5	1052.1	902.1	827.1	780.8	688.3	618.9
137.5°	1182.2	1238.9	1182.2	1125.4	1111.3	1016.2	889.3	825.9	785.6	705.0	644.4
140°	1134.9	1187.9	1134.9	1081.8	1068.6	986.4	876.9	822.1	786.4	715.1	661.6
142.5°	1095.6	1141.3	1095.6	1049.9	1038.6	966.4	870.2	822.1	789.3	723.7	674.4
145°	1036.8	1071.3	1036.8	1002.2	993.6	934.6	855.9	816.5	789.3	734.8	693.9
147.5°	991.6	1020.2	991.6	963.0	955.8	909.4	847.5	816.5	794.7	751.1	718.3
150°	963.2	986.4	963.2	940.0	934.2	895.0	842.7	816.5	797.5	759.5	731.0
152.5°	938.8	956.4	938.8	921.4	917.0	883.5	838.8	816.5	799.3	765.0	739.3
155°	911.0	922.5	911.0	899.3	896.5	869.8	834.3	816.5	803.5	777.3	757.7
157.5°	888.9	897.0	888.9	880.7	878.7	858.0	830.3	816.5	807.5	789.5	776.0
160°	875.7	880.4	875.7	871.0	869.8	852.1	828.3	816.5	809.4	795.0	784.3
162.5°	867.0	871.5	867.0	862.5	861.5	846.5	826.6	816.5	811.3	801.0	793.2
165°	854.6	859.2	854.6	849.9	848.8	838.0	823.7	816.5	814.2	809.5	806.0
167.5°	845.6	847.6	845.6	843.7	843.2	836.1	826.7	822.1	820.1	816.2	813.2
170°	843.2	843.2	843.2	843.2	843.2	836.1	826.7	822.1	822.0	821.7	821.5
172.5°	836.6	834.9	836.6	838.3	838.7	833.2	825.7	822.1	822.1	822.1	822.1
175°	832.6	832.6	832.6	832.6	832.6	829.1	824.4	822.1	823.1	825.4	827.1
177.5°	829.1	827.1	829.1	831.0	831.5	828.7	825.0	823.1	824.0	825.7	827.1
180°	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1



TEST NUMBER: P934766

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6
2.5°	1919.5	1908.7	1908.7	1890.8	1883.6	1878.3	1869.3	1842.5	1835.3	1828.1	1838.9
5°	1935.6	1915.9	1901.6	1869.3	1842.5	1831.7	1797.7	1733.2	1690.3	1658.0	1640.1
7.5°	1939.2	1914.1	1887.2	1837.1	1772.6	1744.0	1640.1	1521.9	1489.7	1461.1	1443.2
10°	1935.6	1906.9	1869.3	1794.1	1641.9	1591.8	1487.9	1410.9	1391.2	1385.9	1391.2
12.5°	1923.0	1896.2	1844.3	1718.9	1505.8	1471.8	1410.9	1366.2	1362.6	1371.5	1419.9
15°	1901.6	1876.5	1815.6	1618.6	1430.6	1405.6	1362.6	1346.5	1366.2	1428.8	1573.9
17.5°	1880.1	1851.4	1776.2	1520.2	1373.3	1355.4	1325.0	1357.2	1468.2	1552.4	1600.7
20°	1851.4	1817.4	1731.4	1448.5	1332.1	1316.0	1301.7	1446.7	1530.9	1561.3	1588.2
22.5°	1817.4	1781.6	1670.6	1398.4	1289.2	1276.6	1285.6	1496.9	1530.9	1552.4	1575.7
25°	1772.6	1742.2	1598.9	1359.0	1255.1	1240.8	1274.8	1491.5	1511.2	1516.6	1563.1
27.5°	1731.4	1692.1	1523.7	1323.2	1214.0	1208.6	1283.8	1468.2	1482.5	1487.9	1538.1
30°	1681.3	1622.2	1439.6	1285.6	1171.0	1169.2	1285.6	1439.6	1436.0	1450.3	1500.5
32.5°	1629.4	1518.4	1344.7	1239.0	1129.8	1128.0	1273.0	1396.6	1393.0	1412.7	1450.3
35°	1581.0	1437.8	1215.7	1185.3	1077.9	1079.7	1242.6	1346.5	1348.3	1366.2	1389.4
37.5°	1530.9	1367.9	1074.3	1126.2	1027.8	1027.8	1201.4	1299.9	1296.3	1301.7	1333.9
40°	1471.8	1258.7	949.0	1049.3	981.3	975.9	1151.3	1249.8	1237.2	1235.4	1280.2
42.5°	1409.1	1138.7	855.9	947.2	927.5	920.4	1090.4	1188.9	1165.6	1171.0	1228.3
45°	1341.1	1106.5	784.3	800.4	872.0	866.7	1024.2	1119.1	1102.9	1117.3	1176.4
47.5°	1273.0	1042.1	761.0	664.3	812.9	811.2	950.8	1051.1	1042.1	1056.5	1119.1
50°	1179.9	970.5	759.2	569.4	746.7	753.9	863.1	984.8	984.8	997.4	1063.6
52.5°	1060.0	882.8	689.4	515.7	669.7	691.2	786.1	927.5	931.1	943.7	1002.7
55°	950.8	791.5	639.3	474.5	578.4	624.9	710.9	868.5	875.6	888.1	941.9
57.5°	850.5	658.9	628.5	426.2	494.2	539.0	644.6	811.2	814.7	825.5	877.4
60°	743.1	476.3	576.6	374.2	420.8	454.8	583.7	743.1	755.6	762.8	807.6
62.5°	621.3	345.6	522.9	338.4	385.0	392.1	533.6	678.6	694.8	700.1	727.0
65°	442.3	290.1	444.1	308.0	347.4	349.2	479.9	612.4	626.7	635.7	655.4
67.5°	299.0	236.4	338.4	279.3	318.7	320.5	428.0	535.4	555.1	562.3	574.8
70°	207.7	157.6	250.7	248.9	286.5	290.1	372.4	465.6	483.5	488.8	496.0
72.5°	152.2	127.1	207.7	223.8	252.5	256.1	315.1	386.8	404.7	410.1	413.6
75°	116.4	134.3	168.3	195.2	214.9	216.7	257.8	315.1	327.7	331.3	333.1
77.5°	93.1	125.3	123.6	157.6	175.5	171.9	202.3	243.5	254.3	254.3	254.3
80°	69.8	98.5	93.1	112.8	128.9	125.3	145.0	173.7	177.3	180.9	179.1
82.5°	51.9	62.7	62.7	71.6	85.9	82.4	96.7	112.8	112.8	112.8	116.4
85°	32.2	35.8	28.6	37.6	48.3	46.6	53.7	60.9	62.7	62.7	59.1
87.5°	19.7	16.1	9.0	14.3	21.5	21.5	25.1	26.9	25.1	25.1	25.1
90°	14.5	10.0	5.6	10.0	14.5	15.6	24.4	36.3	42.2	37.5	28.1
92.5°	97.8	60.0	22.2	60.0	97.8	107.2	150.7	208.6	237.6	208.2	149.5
95°	191.4	122.4	53.3	122.4	191.4	208.7	370.6	586.4	694.4	619.6	470.1
97.5°	214.1	153.1	92.1	153.1	214.1	229.3	499.2	859.1	1039.1	991.8	897.4
100°	232.7	177.4	122.1	177.4	232.7	246.5	546.1	945.4	1145.1	1148.6	1155.5
102.5°	250.8	199.2	147.6	199.2	250.8	263.7	567.4	972.6	1175.1	1235.3	1355.7
105°	278.3	234.7	191.0	234.7	278.3	289.2	583.4	975.6	1171.8	1306.7	1576.6
107.5°	316.8	276.1	235.4	276.1	316.8	327.0	586.3	932.2	1105.2	1293.4	1669.8
110°	338.8	302.1	265.4	302.1	338.8	348.0	581.9	893.7	1049.7	1260.1	1680.9



TEST NUMBER: P934766

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	364.8	329.7	294.7	329.7	364.8	373.5	582.0	860.1	999.2	1214.6	1645.3
115°	403.8	371.5	339.1	371.5	403.8	411.8	587.4	821.5	938.6	1146.1	1561.1
117.5°	441.7	412.4	383.0	412.4	441.7	449.1	598.4	797.5	897.0	1084.2	1458.7
120°	463.8	436.1	408.5	436.1	463.8	470.7	607.2	789.3	880.4	1051.5	1393.6
122.5°	489.3	461.4	433.5	461.4	489.3	496.3	620.0	785.0	867.6	1021.6	1329.8
125°	522.6	497.3	471.8	497.3	522.6	529.0	637.2	781.5	853.7	984.6	1246.3
127.5°	554.2	528.6	502.9	528.6	554.2	560.6	654.5	779.5	842.0	954.4	1179.1
130°	574.8	547.1	519.5	547.1	574.8	581.7	667.0	780.8	837.7	937.7	1137.8
132.5°	592.1	564.4	536.7	564.4	592.1	599.0	677.2	781.5	833.7	923.2	1102.4
135°	612.7	587.4	562.3	587.4	612.7	618.9	688.3	780.8	827.1	902.1	1052.1
137.5°	638.2	613.3	588.4	613.3	638.2	644.4	705.0	785.6	825.9	889.3	1016.2
140°	655.9	633.0	610.1	633.0	655.9	661.6	715.1	786.4	822.1	876.9	986.4
142.5°	669.2	647.9	626.7	647.9	669.2	674.4	723.7	789.3	822.1	870.2	966.4
145°	689.2	670.8	652.2	670.8	689.2	693.9	734.8	789.3	816.5	855.9	934.6
147.5°	713.8	695.7	677.8	695.7	713.8	718.3	751.1	794.7	816.5	847.5	909.4
150°	727.0	710.7	694.4	710.7	727.0	731.0	759.5	797.5	816.5	842.7	895.0
152.5°	736.3	723.9	711.6	723.9	736.3	739.3	765.0	799.3	816.5	838.8	883.5
155°	755.4	746.2	737.1	746.2	755.4	757.7	777.3	803.5	816.5	834.3	869.8
157.5°	773.7	764.9	756.0	764.9	773.7	776.0	789.5	807.5	816.5	830.3	858.0
160°	782.6	775.7	768.8	775.7	782.6	784.3	795.0	809.4	816.5	828.3	852.1
162.5°	791.9	786.7	781.5	786.7	791.9	793.2	801.0	811.3	816.5	826.6	846.5
165°	804.8	800.1	795.4	800.1	804.8	806.0	809.5	814.2	816.5	823.7	838.0
167.5°	812.7	810.4	808.2	810.4	812.7	813.2	816.2	820.1	822.1	826.7	836.1
170°	821.0	818.8	816.5	818.8	821.0	821.5	821.7	822.0	822.1	826.7	836.1
172.5°	822.0	821.4	821.0	821.4	822.0	822.1	822.1	822.1	822.1	825.7	833.2
175°	827.1	827.1	827.1	827.1	827.1	827.1	825.4	823.1	822.1	824.4	829.1
177.5°	827.1	827.1	827.1	827.1	827.1	827.1	825.7	824.0	823.1	825.0	828.7
180°	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1



TEST NUMBER: P934766

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6	1892.6
2.5°	1826.3	1821.0	1828.1	1808.4	1828.1	1821.0	1826.3	1838.9	1828.1	1835.3	1842.5
5°	1602.5	1593.6	1564.9	1541.6	1564.9	1593.6	1602.5	1640.1	1658.0	1690.3	1733.2
7.5°	1432.4	1425.2	1418.1	1403.8	1418.1	1425.2	1432.4	1443.2	1461.1	1489.7	1521.9
10°	1394.8	1396.6	1407.3	1405.6	1407.3	1396.6	1394.8	1391.2	1385.9	1391.2	1410.9
12.5°	1491.5	1507.6	1566.7	1563.1	1566.7	1507.6	1491.5	1419.9	1371.5	1362.6	1366.2
15°	1602.5	1607.9	1620.4	1622.2	1620.4	1607.9	1602.5	1573.9	1428.8	1366.2	1346.5
17.5°	1613.3	1615.1	1624.0	1624.0	1624.0	1615.1	1613.3	1600.7	1552.4	1468.2	1357.2
20°	1604.3	1607.9	1625.8	1629.4	1625.8	1607.9	1604.3	1588.2	1561.3	1530.9	1446.7
22.5°	1600.7	1607.9	1622.2	1620.4	1622.2	1607.9	1600.7	1575.7	1552.4	1530.9	1496.9
25°	1582.8	1582.8	1584.6	1586.4	1584.6	1582.8	1582.8	1563.1	1516.6	1511.2	1491.5
27.5°	1545.2	1548.8	1559.5	1557.8	1559.5	1548.8	1545.2	1538.1	1487.9	1482.5	1468.2
30°	1511.2	1507.6	1498.7	1491.5	1498.7	1507.6	1511.2	1500.5	1450.3	1436.0	1439.6
32.5°	1453.9	1444.9	1436.0	1430.6	1436.0	1444.9	1453.9	1450.3	1412.7	1393.0	1396.6
35°	1385.9	1387.6	1385.9	1380.5	1385.9	1387.6	1385.9	1389.4	1366.2	1348.3	1346.5
37.5°	1337.5	1341.1	1339.3	1332.1	1339.3	1341.1	1337.5	1333.9	1301.7	1296.3	1299.9
40°	1287.4	1289.2	1287.4	1282.0	1287.4	1289.2	1287.4	1280.2	1235.4	1237.2	1249.8
42.5°	1239.0	1237.2	1231.9	1228.3	1231.9	1237.2	1239.0	1228.3	1171.0	1165.6	1188.9
45°	1183.5	1185.3	1174.6	1169.2	1174.6	1185.3	1183.5	1176.4	1117.3	1102.9	1119.1
47.5°	1128.0	1128.0	1119.1	1113.7	1119.1	1128.0	1128.0	1119.1	1056.5	1042.1	1051.1
50°	1068.9	1067.2	1054.7	1052.9	1054.7	1067.2	1068.9	1063.6	997.4	984.8	984.8
52.5°	1001.0	1001.0	1002.7	1006.3	1002.7	1001.0	1001.0	1002.7	943.7	931.1	927.5
55°	941.9	943.7	956.2	959.8	956.2	943.7	941.9	941.9	888.1	875.6	868.5
57.5°	881.0	881.0	889.9	889.9	889.9	881.0	881.0	877.4	825.5	814.7	811.2
60°	811.2	814.7	821.9	820.1	821.9	814.7	811.2	807.6	762.8	755.6	743.1
62.5°	737.7	741.3	743.1	739.5	743.1	741.3	737.7	727.0	700.1	694.8	678.6
65°	660.7	664.3	666.1	662.5	666.1	664.3	660.7	655.4	635.7	626.7	612.4
67.5°	582.0	580.2	578.4	585.5	578.4	580.2	582.0	574.8	562.3	555.1	535.4
70°	501.4	501.4	499.6	503.2	499.6	501.4	501.4	496.0	488.8	483.5	465.6
72.5°	415.4	413.6	420.8	415.4	420.8	413.6	415.4	413.6	410.1	404.7	386.8
75°	331.3	334.8	331.3	336.6	331.3	334.8	331.3	333.1	331.3	327.7	315.1
77.5°	252.5	256.1	252.5	252.5	252.5	256.1	252.5	254.3	254.3	254.3	243.5
80°	179.1	177.3	177.3	175.5	177.3	177.3	179.1	179.1	180.9	177.3	173.7
82.5°	114.6	112.8	112.8	116.4	112.8	112.8	114.6	116.4	112.8	112.8	112.8
85°	62.7	64.5	60.9	60.9	60.9	64.5	62.7	59.1	62.7	62.7	60.9
87.5°	23.3	21.5	21.5	21.5	21.5	21.5	23.3	25.1	25.1	25.1	26.9
90°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	28.1	37.5	42.2	36.3
92.5°	105.5	101.3	84.5	67.7	84.5	101.3	105.5	149.5	208.2	237.6	208.6
95°	358.0	345.3	294.6	243.7	294.6	345.3	358.0	470.1	619.6	694.4	586.4
97.5°	826.6	802.4	705.6	608.9	705.6	802.4	826.6	897.4	991.8	1039.1	859.1
100°	1160.7	1131.9	1016.7	901.5	1016.7	1131.9	1160.7	1155.5	1148.6	1145.1	945.4
102.5°	1446.0	1421.3	1322.6	1224.0	1322.6	1421.3	1446.0	1355.7	1235.3	1175.1	972.6
105°	1779.0	1765.7	1712.6	1659.6	1712.6	1765.7	1779.0	1576.6	1306.7	1171.8	975.6
107.5°	1952.2	1955.5	1968.3	1981.1	1968.3	1955.5	1952.2	1669.8	1293.4	1105.2	932.2
110°	1996.6	2010.4	2065.8	2121.0	2065.8	2010.4	1996.6	1680.9	1260.1	1049.7	893.7



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1968.3	1989.6	2074.3	2159.2	2074.3	1989.6	1968.3	1645.3	1214.6	999.2	860.1
115°	1872.3	1901.7	2019.4	2137.0	2019.4	1901.7	1872.3	1561.1	1146.1	938.6	821.5
117.5°	1739.6	1772.2	1902.7	2033.3	1902.7	1772.2	1739.6	1458.7	1084.2	897.0	797.5
120°	1650.2	1681.9	1808.8	1935.6	1808.8	1681.9	1650.2	1393.6	1051.5	880.4	789.3
122.5°	1560.9	1592.1	1717.2	1842.3	1717.2	1592.1	1560.9	1329.8	1021.6	867.6	785.0
125°	1442.6	1471.4	1586.7	1701.9	1586.7	1471.4	1442.6	1246.3	984.6	853.7	781.5
127.5°	1347.7	1372.0	1469.2	1566.4	1469.2	1372.0	1347.7	1179.1	954.4	842.0	779.5
130°	1287.8	1310.3	1400.0	1489.8	1400.0	1310.3	1287.8	1137.8	937.7	837.7	780.8
132.5°	1236.7	1256.8	1337.2	1417.6	1337.2	1256.8	1236.7	1102.4	923.2	833.7	781.5
135°	1164.5	1181.9	1251.2	1320.5	1251.2	1181.9	1164.5	1052.1	902.1	827.1	780.8
137.5°	1111.3	1125.4	1182.2	1238.9	1182.2	1125.4	1111.3	1016.2	889.3	825.9	785.6
140°	1068.6	1081.8	1134.9	1187.9	1134.9	1081.8	1068.6	986.4	876.9	822.1	786.4
142.5°	1038.6	1049.9	1095.6	1141.3	1095.6	1049.9	1038.6	966.4	870.2	822.1	789.3
145°	993.6	1002.2	1036.8	1071.3	1036.8	1002.2	993.6	934.6	855.9	816.5	789.3
147.5°	955.8	963.0	991.6	1020.2	991.6	963.0	955.8	909.4	847.5	816.5	794.7
150°	934.2	940.0	963.2	986.4	963.2	940.0	934.2	895.0	842.7	816.5	797.5
152.5°	917.0	921.4	938.8	956.4	938.8	921.4	917.0	883.5	838.8	816.5	799.3
155°	896.5	899.3	911.0	922.5	911.0	899.3	896.5	869.8	834.3	816.5	803.5
157.5°	878.7	880.7	888.9	897.0	888.9	880.7	878.7	858.0	830.3	816.5	807.5
160°	869.8	871.0	875.7	880.4	875.7	871.0	869.8	852.1	828.3	816.5	809.4
162.5°	861.5	862.5	867.0	871.5	867.0	862.5	861.5	846.5	826.6	816.5	811.3
165°	848.8	849.9	854.6	859.2	854.6	849.9	848.8	838.0	823.7	816.5	814.2
167.5°	843.2	843.7	845.6	847.6	845.6	843.7	843.2	836.1	826.7	822.1	820.1
170°	843.2	843.2	843.2	843.2	843.2	843.2	843.2	836.1	826.7	822.1	822.0
172.5°	838.7	838.3	836.6	834.9	836.6	838.3	838.7	833.2	825.7	822.1	822.1
175°	832.6	832.6	832.6	832.6	832.6	832.6	832.6	829.1	824.4	822.1	823.1
177.5°	831.5	831.0	829.1	827.1	829.1	831.0	831.5	828.7	825.0	823.1	824.0
180°	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1	827.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1892.6	1892.6	1892.6	1892.6	1892.6
2.5°	1869.3	1878.3	1883.6	1890.8	1908.7
5°	1797.7	1831.7	1842.5	1869.3	1901.6
7.5°	1640.1	1744.0	1772.6	1837.1	1887.2
10°	1487.9	1591.8	1641.9	1794.1	1869.3
12.5°	1410.9	1471.8	1505.8	1718.9	1844.3
15°	1362.6	1405.6	1430.6	1618.6	1815.6
17.5°	1325.0	1355.4	1373.3	1520.2	1776.2
20°	1301.7	1316.0	1332.1	1448.5	1731.4
22.5°	1285.6	1276.6	1289.2	1398.4	1670.6
25°	1274.8	1240.8	1255.1	1359.0	1598.9
27.5°	1283.8	1208.6	1214.0	1323.2	1523.7
30°	1285.6	1169.2	1171.0	1285.6	1439.6
32.5°	1273.0	1128.0	1129.8	1239.0	1344.7
35°	1242.6	1079.7	1077.9	1185.3	1215.7
37.5°	1201.4	1027.8	1027.8	1126.2	1074.3
40°	1151.3	975.9	981.3	1049.3	949.0
42.5°	1090.4	920.4	927.5	947.2	855.9
45°	1024.2	866.7	872.0	800.4	784.3
47.5°	950.8	811.2	812.9	664.3	761.0
50°	863.1	753.9	746.7	569.4	759.2
52.5°	786.1	691.2	669.7	515.7	689.4
55°	710.9	624.9	578.4	474.5	639.3
57.5°	644.6	539.0	494.2	426.2	628.5
60°	583.7	454.8	420.8	374.2	576.6
62.5°	533.6	392.1	385.0	338.4	522.9
65°	479.9	349.2	347.4	308.0	444.1
67.5°	428.0	320.5	318.7	279.3	338.4
70°	372.4	290.1	286.5	248.9	250.7
72.5°	315.1	256.1	252.5	223.8	207.7
75°	257.8	216.7	214.9	195.2	168.3
77.5°	202.3	171.9	175.5	157.6	123.6
80°	145.0	125.3	128.9	112.8	93.1
82.5°	96.7	82.4	85.9	71.6	62.7
85°	53.7	46.6	48.3	37.6	28.6
87.5°	25.1	21.5	21.5	14.3	9.0
90°	24.4	15.6	14.5	10.0	5.6
92.5°	150.7	107.2	97.8	60.0	22.2
95°	370.6	208.7	191.4	122.4	53.3
97.5°	499.2	229.3	214.1	153.1	92.1
100°	546.1	246.5	232.7	177.4	122.1
102.5°	567.4	263.7	250.8	199.2	147.6
105°	583.4	289.2	278.3	234.7	191.0
107.5°	586.3	327.0	316.8	276.1	235.4
110°	581.9	348.0	338.8	302.1	265.4



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CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	582.0	373.5	364.8	329.7	294.7
115°	587.4	411.8	403.8	371.5	339.1
117.5°	598.4	449.1	441.7	412.4	383.0
120°	607.2	470.7	463.8	436.1	408.5
122.5°	620.0	496.3	489.3	461.4	433.5
125°	637.2	529.0	522.6	497.3	471.8
127.5°	654.5	560.6	554.2	528.6	502.9
130°	667.0	581.7	574.8	547.1	519.5
132.5°	677.2	599.0	592.1	564.4	536.7
135°	688.3	618.9	612.7	587.4	562.3
137.5°	705.0	644.4	638.2	613.3	588.4
140°	715.1	661.6	655.9	633.0	610.1
142.5°	723.7	674.4	669.2	647.9	626.7
145°	734.8	693.9	689.2	670.8	652.2
147.5°	751.1	718.3	713.8	695.7	677.8
150°	759.5	731.0	727.0	710.7	694.4
152.5°	765.0	739.3	736.3	723.9	711.6
155°	777.3	757.7	755.4	746.2	737.1
157.5°	789.5	776.0	773.7	764.9	756.0
160°	795.0	784.3	782.6	775.7	768.8
162.5°	801.0	793.2	791.9	786.7	781.5
165°	809.5	806.0	804.8	800.1	795.4
167.5°	816.2	813.2	812.7	810.4	808.2
170°	821.7	821.5	821.0	818.8	816.5
172.5°	822.1	822.1	822.0	821.4	821.0
175°	825.4	827.1	827.1	827.1	827.1
177.5°	825.7	827.1	827.1	827.1	827.1
180°	827.1	827.1	827.1	827.1	827.1



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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	12.15	12.99	13.12	13.98	15.28	14.99	15.83	15.96	16.82	18.12
	3H	12.62	13.38	13.61	14.38	15.70	16.33	17.09	17.32	18.09	19.41
	4H	12.81	13.53	13.81	14.53	15.86	16.78	17.49	17.78	18.49	19.83
	6H	12.93	13.59	13.94	14.60	15.94	17.06	17.72	18.07	18.73	20.07
	8H	12.93	13.56	13.95	14.58	15.92	17.14	17.76	18.16	18.79	20.13
	12H	12.90	13.50	13.93	14.52	15.88	17.18	17.77	18.20	18.79	20.16
4H	2H	13.18	13.89	14.19	14.90	16.23	15.39	16.11	16.40	17.11	18.44
	3H	14.21	14.80	15.22	15.83	17.18	16.90	17.49	17.91	18.53	19.87
	4H	14.48	15.03	15.50	16.05	17.42	17.43	17.97	18.45	19.00	20.36
	6H	14.61	15.07	15.64	16.12	17.49	17.79	18.26	18.83	19.31	20.67
	8H	14.61	15.05	15.65	16.09	17.47	17.90	18.34	18.94	19.38	20.76
	12H	14.58	14.97	15.63	16.03	17.41	17.96	18.35	19.01	19.41	20.79
8H	4H	14.94	15.37	15.97	16.41	17.79	17.55	17.99	18.59	19.03	20.41
	6H	15.20	15.56	16.25	16.64	18.02	17.99	18.35	19.05	19.43	20.81
	8H	15.24	15.56	16.30	16.62	18.02	18.14	18.46	19.21	19.53	20.92
	12H	15.22	15.50	16.29	16.56	18.00	18.24	18.52	19.31	19.58	21.02
12H	4H	14.94	15.34	15.99	16.39	17.78	17.51	17.91	18.57	18.96	20.35
	6H	15.26	15.57	16.32	16.64	18.04	17.99	18.30	19.05	19.37	20.77
	8H	15.32	15.60	16.39	16.66	18.10	18.15	18.43	19.22	19.49	20.93