

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: P934792

Luminaire Tested: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934792
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-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

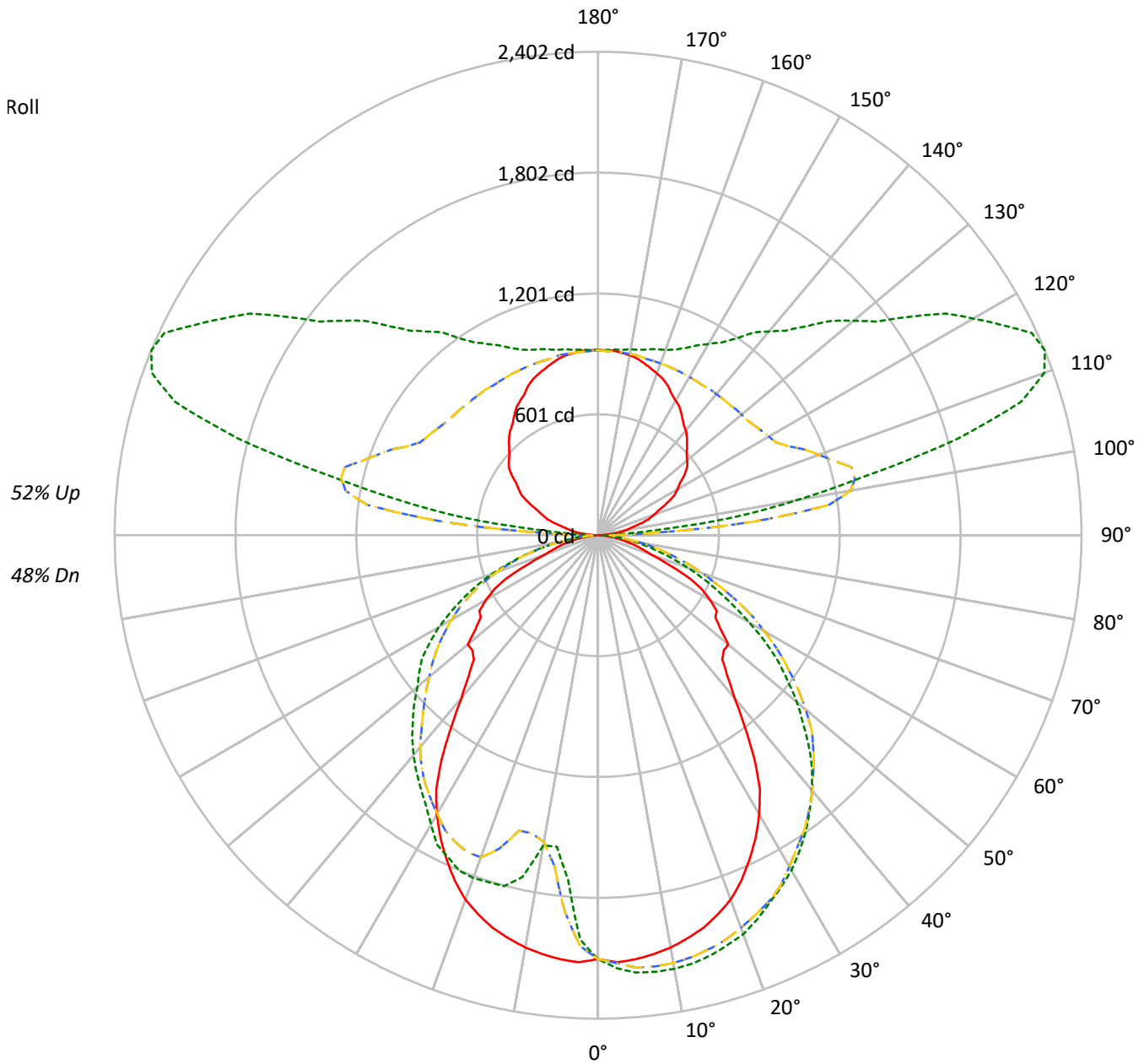
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11427.2 lumens
Efficiency: N/A
Efficacy: 134.8 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	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9768	9768	9768	9768
5°	9841	9861	9841	7753
10°	9775	9713	9775	6944
15°	9669	9503	9669	7935
20°	9467	9254	9467	7952
25°	9053	8890	9053	7783
30°	8518	8588	8518	7413
35°	7594	8206	7594	7006
40°	6328	7757	6328	6699
45°	5654	7230	5654	6346
50°	6007	6603	6007	5992
55°	5651	5927	5651	5787
60°	5826	5034	5826	5300
65°	5282	4162	5282	4651
70°	3658	3316	3658	3899
75°	3206	2451	3206	2936
80°	2585	1621	2585	1765
85°	1486	859	1486	729

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8665 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.1	1.7
10°-20°	539.6	4.7
20°-30°	834.1	7.3
30°-40°	995.8	8.7
40°-50°	1001.6	8.8
50°-60°	871.6	7.6
60°-70°	618.0	5.4
70°-80°	326.9	2.9
80°-90°	84.9	0.7
90°-100°	448.5	3.9
100°-110°	1179.1	10.3
110°-120°	1222.6	10.7
120°-130°	980.7	8.6
130°-140°	769.5	6.7
140°-150°	590.6	5.2
150°-160°	425.3	3.7
160°-170°	260.3	2.3
170°-180°	87.9	0.8
0°-30°	1563.8	13.7
0°-40°	2559.6	22.4
0°-60°	4432.8	38.8
0°-90°	5462.6	47.8
90°-120°	2850.2	24.9
90°-150°	5191.0	45.4
90°-180°	5965.0	52.2
0°-180°	11427.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2105	2105	2105	2105	2105	
5°	2115	2181	2115	1715	2115	201
15°	2020	2161	2020	1805	2020	568
25°	1779	2016	1779	1765	1779	817
35°	1352	1799	1352	1536	1352	837
45°	872	1482	872	1301	872	699
55°	711	1094	711	1068	711	653
65°	494	659	494	737	494	472
75°	187	313	187	374	187	197
85°	32	80	32	68	32	43
90°	6	24	6	24	6	6
95°	59	271	59	271	59	66
105°	212	1846	212	1846	212	225
115°	377	2377	377	2377	377	373
125°	525	1893	525	1893	525	466
135°	626	1469	626	1469	626	484
145°	726	1192	726	1192	726	455
155°	820	1026	820	1026	820	377
165°	885	956	885	956	885	250
175°	920	926	920	926	920	87
180°	920	920	920	920	920	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4
2.5°	2123.4	2123.4	2135.3	2139.3	2139.3	2133.3	2127.4	2133.3	2151.3	2157.2	2155.2
5°	2115.4	2131.3	2153.3	2157.2	2161.2	2159.2	2155.2	2159.2	2179.1	2183.1	2185.1
7.5°	2099.5	2129.3	2157.2	2163.2	2169.2	2163.2	2161.2	2165.2	2185.1	2189.1	2189.1
10°	2079.5	2121.4	2153.3	2157.2	2163.2	2157.2	2157.2	2165.2	2185.1	2189.1	2191.1
12.5°	2051.7	2109.4	2139.3	2143.3	2151.3	2149.3	2147.3	2155.2	2175.2	2179.1	2179.1
15°	2019.8	2087.5	2115.4	2119.4	2133.3	2129.3	2129.3	2137.3	2159.2	2165.2	2163.2
17.5°	1976.0	2059.6	2091.5	2097.5	2107.4	2105.4	2107.4	2115.4	2135.3	2139.3	2141.3
20°	1926.2	2021.8	2059.6	2065.6	2075.6	2075.6	2075.6	2085.5	2105.4	2113.4	2113.4
22.5°	1858.4	1981.9	2021.8	2025.8	2037.7	2037.7	2041.7	2055.6	2073.6	2075.6	2075.6
25°	1778.8	1938.1	1972.0	1983.9	1995.9	2001.9	2007.8	2015.8	2021.8	2019.8	2021.8
27.5°	1695.1	1882.3	1926.2	1934.1	1950.1	1956.0	1964.0	1966.0	1968.0	1974.0	1970.0
30°	1601.5	1804.7	1870.4	1878.4	1904.3	1908.2	1900.3	1904.3	1914.2	1918.2	1922.2
32.5°	1495.9	1689.1	1812.6	1830.5	1854.5	1842.5	1840.5	1846.5	1862.4	1862.4	1866.4
35°	1352.5	1599.5	1758.8	1774.8	1792.7	1778.8	1786.7	1788.7	1798.7	1804.7	1802.7
37.5°	1195.1	1521.8	1703.1	1715.0	1729.0	1711.0	1723.0	1729.0	1736.9	1732.9	1732.9
40°	1055.8	1400.3	1637.3	1645.3	1657.2	1643.3	1655.3	1659.2	1663.2	1659.2	1657.2
42.5°	952.2	1266.8	1567.6	1577.6	1569.6	1579.6	1583.5	1591.5	1585.5	1577.6	1577.6
45°	872.5	1231.0	1491.9	1503.9	1491.9	1507.8	1513.8	1513.8	1495.9	1491.9	1489.9
47.5°	846.6	1159.3	1416.2	1416.2	1410.2	1430.2	1440.1	1426.2	1408.2	1402.3	1402.3
50°	844.6	1079.7	1312.6	1304.7	1332.5	1356.5	1346.5	1332.5	1318.6	1296.7	1296.7
52.5°	766.9	982.1	1179.3	1209.0	1252.9	1266.8	1250.9	1236.9	1213.0	1203.1	1195.1
55°	711.1	880.5	1057.8	1117.5	1163.3	1181.3	1151.4	1137.4	1101.6	1095.6	1091.6
57.5°	699.2	733.1	946.2	1021.9	1077.7	1075.7	1057.8	1031.9	1002.0	996.0	994.0
60°	641.4	529.9	826.7	916.3	974.1	968.1	952.2	928.3	900.4	896.4	892.4
62.5°	581.7	384.5	691.2	792.8	874.5	872.5	858.6	822.7	802.8	792.8	784.8
65°	494.0	322.7	492.0	659.4	776.9	780.9	751.0	725.1	703.2	691.2	689.2
67.5°	376.5	262.9	332.7	549.8	683.3	679.3	641.4	629.5	601.6	595.6	583.7
70°	278.9	175.3	231.1	446.2	591.6	581.7	551.8	537.8	511.9	498.0	490.0
72.5°	231.1	141.4	169.3	346.6	498.0	486.0	460.2	444.2	422.3	410.4	402.4
75°	187.2	149.4	129.5	257.0	404.4	396.4	372.5	356.6	338.6	322.7	324.7
77.5°	137.4	139.4	103.6	189.2	320.7	308.8	294.8	274.9	266.9	251.0	251.0
80°	103.6	109.6	77.7	129.5	231.1	231.1	219.1	205.2	191.2	183.3	183.3
82.5°	69.7	69.7	57.8	81.7	157.4	151.4	143.4	139.4	131.5	127.5	127.5
85°	31.9	39.8	35.9	49.8	85.7	89.6	89.6	85.7	83.7	79.7	81.7
87.5°	10.0	17.9	21.9	27.9	43.8	45.8	47.8	47.8	47.8	49.8	49.8
90°	6.2	11.2	16.1	17.3	27.2	40.3	46.9	41.7	31.3	23.5	23.5
92.5°	24.7	66.7	108.8	119.2	167.6	232.1	264.3	231.7	166.3	117.3	112.6
95°	59.3	136.2	212.9	232.2	412.2	652.4	772.5	689.3	523.0	398.3	384.2
97.5°	102.5	170.3	238.1	255.1	555.4	955.8	1156.0	1103.4	998.3	919.5	892.6
100°	135.9	197.3	258.9	274.2	607.5	1051.8	1273.9	1277.8	1285.4	1291.2	1259.1
102.5°	164.2	221.6	279.0	293.3	631.3	1082.0	1307.2	1374.2	1508.1	1608.6	1581.2
105°	212.4	261.1	309.6	321.7	649.0	1085.3	1303.6	1453.7	1753.9	1979.1	1964.3
107.5°	261.8	307.2	352.4	363.7	652.3	1037.0	1229.5	1438.8	1857.6	2171.8	2175.4
110°	295.2	336.1	376.9	387.1	647.3	994.2	1167.7	1401.8	1870.0	2221.2	2236.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.9	366.8	405.8	415.5	647.5	956.9	1111.5	1351.2	1830.3	2189.7	2213.3
115°	377.3	413.2	449.2	458.2	653.5	913.9	1044.2	1275.0	1736.6	2082.8	2115.6
117.5°	426.1	458.8	491.4	499.6	665.7	887.1	997.9	1206.2	1622.8	1935.2	1971.5
120°	454.5	485.2	515.9	523.6	675.5	878.1	979.4	1169.7	1550.4	1835.8	1871.1
122.5°	482.3	513.3	544.3	552.1	689.7	873.3	965.1	1136.5	1479.4	1736.4	1771.2
125°	524.9	553.2	581.4	588.4	708.9	869.4	949.7	1095.3	1386.4	1604.9	1636.9
127.5°	559.5	588.0	616.5	623.7	728.1	867.2	936.7	1061.7	1311.7	1499.3	1526.3
130°	578.0	608.7	639.4	647.1	742.0	868.6	931.9	1043.1	1265.7	1432.6	1457.6
132.5°	597.1	627.9	658.7	666.3	753.4	869.4	927.5	1027.1	1226.4	1375.8	1398.2
135°	625.5	653.5	681.6	688.5	765.7	868.6	920.1	1003.6	1170.4	1295.5	1314.8
137.5°	654.6	682.3	709.9	716.9	784.3	874.0	918.8	989.3	1130.5	1236.2	1252.0
140°	678.7	704.2	729.7	736.0	795.5	874.9	914.5	975.5	1097.3	1188.7	1203.5
142.5°	697.2	720.8	744.4	750.3	805.1	878.1	914.5	968.0	1075.1	1155.4	1168.0
145°	725.6	746.2	766.7	771.9	817.4	878.1	908.4	952.2	1039.7	1105.4	1114.9
147.5°	754.0	774.0	794.1	799.1	835.5	884.0	908.4	942.8	1011.6	1063.3	1071.3
150°	772.5	790.6	808.8	813.2	844.9	887.2	908.4	937.4	995.6	1039.2	1045.7
152.5°	791.6	805.4	819.1	822.5	851.1	889.2	908.4	933.2	982.9	1020.1	1025.0
155°	820.0	830.2	840.3	842.9	864.7	893.8	908.4	928.1	967.6	997.3	1000.5
157.5°	841.0	850.9	860.7	863.2	878.3	898.3	908.4	923.7	954.5	977.5	979.8
160°	855.3	862.9	870.6	872.5	884.4	900.4	908.4	921.5	947.9	967.6	968.9
162.5°	869.4	875.2	881.0	882.5	891.1	902.6	908.4	919.5	941.7	958.4	959.5
165°	884.8	890.0	895.3	896.6	900.5	905.8	908.4	916.3	932.3	944.2	945.5
167.5°	899.1	901.6	904.1	904.7	908.0	912.3	914.5	919.7	930.2	938.0	938.5
170°	908.4	910.8	913.3	913.9	914.1	914.4	914.5	919.7	930.2	938.0	938.0
172.5°	913.3	913.8	914.4	914.5	914.5	914.5	914.5	918.6	926.9	933.1	932.6
175°	920.1	920.1	920.1	920.1	918.2	915.7	914.5	917.1	922.4	926.3	926.3
177.5°	920.1	920.1	920.1	920.1	918.6	916.7	915.7	917.8	921.9	925.0	924.5
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4
2.5°	2159.2	2153.3	2159.2	2155.2	2157.2	2151.3	2133.3	2127.4	2133.3	2139.3	2139.3
5°	2185.1	2181.1	2185.1	2185.1	2183.1	2179.1	2159.2	2155.2	2159.2	2161.2	2157.2
7.5°	2193.1	2187.1	2193.1	2189.1	2189.1	2185.1	2165.2	2161.2	2163.2	2169.2	2163.2
10°	2193.1	2187.1	2193.1	2191.1	2189.1	2185.1	2165.2	2157.2	2157.2	2163.2	2157.2
12.5°	2183.1	2179.1	2183.1	2179.1	2179.1	2175.2	2155.2	2147.3	2149.3	2151.3	2143.3
15°	2167.2	2161.2	2167.2	2163.2	2165.2	2159.2	2137.3	2129.3	2129.3	2133.3	2119.4
17.5°	2143.3	2135.3	2143.3	2141.3	2139.3	2135.3	2115.4	2107.4	2105.4	2107.4	2097.5
20°	2115.4	2109.4	2115.4	2113.4	2113.4	2105.4	2085.5	2075.6	2075.6	2075.6	2065.6
22.5°	2071.6	2065.6	2071.6	2075.6	2075.6	2073.6	2055.6	2041.7	2037.7	2037.7	2025.8
25°	2021.8	2015.8	2021.8	2021.8	2019.8	2021.8	2015.8	2007.8	2001.9	1995.9	1983.9
27.5°	1974.0	1970.0	1974.0	1970.0	1974.0	1968.0	1966.0	1964.0	1956.0	1950.1	1934.1
30°	1926.2	1922.2	1926.2	1922.2	1918.2	1914.2	1904.3	1900.3	1908.2	1904.3	1878.4
32.5°	1866.4	1862.4	1866.4	1866.4	1862.4	1862.4	1846.5	1840.5	1842.5	1854.5	1830.5
35°	1804.7	1798.7	1804.7	1802.7	1804.7	1798.7	1788.7	1786.7	1778.8	1792.7	1774.8
37.5°	1732.9	1727.0	1732.9	1732.9	1732.9	1736.9	1729.0	1723.0	1711.0	1729.0	1715.0
40°	1659.2	1651.3	1659.2	1657.2	1659.2	1663.2	1659.2	1655.3	1643.3	1657.2	1645.3
42.5°	1575.6	1573.6	1575.6	1577.6	1577.6	1585.5	1591.5	1583.5	1579.6	1569.6	1577.6
45°	1485.9	1481.9	1485.9	1489.9	1491.9	1495.9	1513.8	1513.8	1507.8	1491.9	1503.9
47.5°	1390.3	1380.4	1390.3	1402.3	1402.3	1408.2	1426.2	1440.1	1430.2	1410.2	1416.2
50°	1288.7	1290.7	1288.7	1296.7	1296.7	1318.6	1332.5	1346.5	1356.5	1332.5	1304.7
52.5°	1189.1	1187.2	1189.1	1195.1	1203.1	1213.0	1236.9	1250.9	1266.8	1252.9	1209.0
55°	1089.6	1093.6	1089.6	1091.6	1095.6	1101.6	1137.4	1151.4	1181.3	1163.3	1117.5
57.5°	990.0	984.0	990.0	994.0	996.0	1002.0	1031.9	1057.8	1075.7	1077.7	1021.9
60°	874.5	866.5	874.5	892.4	896.4	900.4	928.3	952.2	968.1	974.1	916.3
62.5°	772.9	759.0	772.9	784.8	792.8	802.8	822.7	858.6	872.5	874.5	792.8
65°	665.3	659.4	665.3	689.2	691.2	703.2	725.1	751.0	780.9	776.9	659.4
67.5°	567.7	567.7	567.7	583.7	595.6	601.6	629.5	641.4	679.3	683.3	549.8
70°	478.1	476.1	478.1	490.0	498.0	511.9	537.8	551.8	581.7	591.6	446.2
72.5°	392.4	390.4	392.4	402.4	410.4	422.3	444.2	460.2	486.0	498.0	346.6
75°	316.7	312.7	316.7	324.7	322.7	338.6	356.6	372.5	396.4	404.4	257.0
77.5°	243.0	243.0	243.0	251.0	251.0	266.9	274.9	294.8	308.8	320.7	189.2
80°	181.3	179.3	181.3	183.3	183.3	191.2	205.2	219.1	231.1	231.1	129.5
82.5°	127.5	123.5	127.5	127.5	127.5	131.5	139.4	143.4	151.4	157.4	81.7
85°	79.7	79.7	79.7	81.7	79.7	83.7	85.7	89.6	89.6	85.7	49.8
87.5°	51.8	49.8	51.8	49.8	49.8	47.8	47.8	47.8	45.8	43.8	27.9
90°	23.5	23.5	23.5	23.5	23.5	31.3	41.7	46.9	40.3	27.2	17.3
92.5°	94.0	75.3	94.0	112.6	117.3	166.3	231.7	264.3	232.1	167.6	119.2
95°	327.7	271.1	327.7	384.2	398.3	523.0	689.3	772.5	652.4	412.2	232.2
97.5°	784.9	677.4	784.9	892.6	919.5	998.3	1103.4	1156.0	955.8	555.4	255.1
100°	1131.1	1002.9	1131.1	1259.1	1291.2	1285.4	1277.8	1273.9	1051.8	607.5	274.2
102.5°	1471.4	1361.6	1471.4	1581.2	1608.6	1508.1	1374.2	1307.2	1082.0	631.3	293.3
105°	1905.2	1846.3	1905.2	1964.3	1979.1	1753.9	1453.7	1303.6	1085.3	649.0	321.7
107.5°	2189.6	2203.8	2189.6	2175.4	2171.8	1857.6	1438.8	1229.5	1037.0	652.3	363.7
110°	2298.1	2359.5	2298.1	2236.5	2221.2	1870.0	1401.8	1167.7	994.2	647.3	387.1



TEST NUMBER: P934792

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2307.6	2402.1	2307.6	2213.3	2189.7	1830.3	1351.2	1111.5	956.9	647.5	415.5
115°	2246.5	2377.4	2246.5	2115.6	2082.8	1736.6	1275.0	1044.2	913.9	653.5	458.2
117.5°	2116.7	2261.9	2116.7	1971.5	1935.2	1622.8	1206.2	997.9	887.1	665.7	499.6
120°	2012.2	2153.3	2012.2	1871.1	1835.8	1550.4	1169.7	979.4	878.1	675.5	523.6
122.5°	1910.3	2049.5	1910.3	1771.2	1736.4	1479.4	1136.5	965.1	873.3	689.7	552.1
125°	1765.1	1893.3	1765.1	1636.9	1604.9	1386.4	1095.3	949.7	869.4	708.9	588.4
127.5°	1634.4	1742.6	1634.4	1526.3	1499.3	1311.7	1061.7	936.7	867.2	728.1	623.7
130°	1557.4	1657.3	1557.4	1457.6	1432.6	1265.7	1043.1	931.9	868.6	742.0	647.1
132.5°	1487.6	1577.1	1487.6	1398.2	1375.8	1226.4	1027.1	927.5	869.4	753.4	666.3
135°	1391.9	1469.0	1391.9	1314.8	1295.5	1170.4	1003.6	920.1	868.6	765.7	688.5
137.5°	1315.1	1378.3	1315.1	1252.0	1236.2	1130.5	989.3	918.8	874.0	784.3	716.9
140°	1262.5	1321.5	1262.5	1203.5	1188.7	1097.3	975.5	914.5	874.9	795.5	736.0
142.5°	1218.8	1269.6	1218.8	1168.0	1155.4	1075.1	968.0	914.5	878.1	805.1	750.3
145°	1153.4	1191.8	1153.4	1114.9	1105.4	1039.7	952.2	908.4	878.1	817.4	771.9
147.5°	1103.1	1134.9	1103.1	1071.3	1063.3	1011.6	942.8	908.4	884.0	835.5	799.1
150°	1071.5	1097.3	1071.5	1045.7	1039.2	995.6	937.4	908.4	887.2	844.9	813.2
152.5°	1044.4	1063.9	1044.4	1025.0	1020.1	982.9	933.2	908.4	889.2	851.1	822.5
155°	1013.4	1026.3	1013.4	1000.5	997.3	967.6	928.1	908.4	893.8	864.7	842.9
157.5°	988.8	997.9	988.8	979.8	977.5	954.5	923.7	908.4	898.3	878.3	863.2
160°	974.2	979.4	974.2	968.9	967.6	947.9	921.5	908.4	900.4	884.4	872.5
162.5°	964.5	969.5	964.5	959.5	958.4	941.7	919.5	908.4	902.6	891.1	882.5
165°	950.7	955.9	950.7	945.5	944.2	932.3	916.3	908.4	905.8	900.5	896.6
167.5°	940.7	942.9	940.7	938.5	938.0	930.2	919.7	914.5	912.3	908.0	904.7
170°	938.0	938.0	938.0	938.0	938.0	930.2	919.7	914.5	914.4	914.1	913.9
172.5°	930.7	928.8	930.7	932.6	933.1	926.9	918.6	914.5	914.5	914.5	914.5
175°	926.3	926.3	926.3	926.3	926.3	922.4	917.1	914.5	915.7	918.2	920.1
177.5°	922.3	920.1	922.3	924.5	925.0	921.9	917.8	915.7	916.7	918.6	920.1
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4
2.5°	2135.3	2123.4	2123.4	2103.5	2095.5	2089.5	2079.5	2049.7	2041.7	2033.7	2045.7
5°	2153.3	2131.3	2115.4	2079.5	2049.7	2037.7	1999.9	1928.2	1880.3	1844.5	1824.6
7.5°	2157.2	2129.3	2099.5	2043.7	1972.0	1940.1	1824.6	1693.1	1657.2	1625.4	1605.5
10°	2153.3	2121.4	2079.5	1995.9	1826.6	1770.8	1655.3	1569.6	1547.7	1541.7	1547.7
12.5°	2139.3	2109.4	2051.7	1912.2	1675.2	1637.3	1569.6	1519.8	1515.8	1525.8	1579.6
15°	2115.4	2087.5	2019.8	1800.7	1591.5	1563.6	1515.8	1497.9	1519.8	1589.5	1750.9
17.5°	2091.5	2059.6	1976.0	1691.1	1527.8	1507.8	1474.0	1509.8	1633.3	1727.0	1780.7
20°	2059.6	2021.8	1926.2	1611.4	1481.9	1464.0	1448.1	1609.4	1703.1	1736.9	1766.8
22.5°	2021.8	1981.9	1858.4	1555.7	1434.1	1420.2	1430.2	1665.2	1703.1	1727.0	1752.9
25°	1972.0	1938.1	1778.8	1511.8	1396.3	1380.4	1418.2	1659.2	1681.1	1687.1	1738.9
27.5°	1926.2	1882.3	1695.1	1472.0	1350.5	1344.5	1428.2	1633.3	1649.3	1655.3	1711.0
30°	1870.4	1804.7	1601.5	1430.2	1302.7	1300.7	1430.2	1601.5	1597.5	1613.4	1669.2
32.5°	1812.6	1689.1	1495.9	1378.4	1256.9	1254.9	1416.2	1553.7	1549.7	1571.6	1613.4
35°	1758.8	1599.5	1352.5	1318.6	1199.1	1201.1	1382.3	1497.9	1499.9	1519.8	1545.7
37.5°	1703.1	1521.8	1195.1	1252.9	1143.4	1143.4	1336.5	1446.1	1442.1	1448.1	1483.9
40°	1637.3	1400.3	1055.8	1167.3	1091.6	1085.6	1280.8	1390.3	1376.4	1374.4	1424.2
42.5°	1567.6	1266.8	952.2	1053.8	1031.9	1023.9	1213.0	1322.6	1296.7	1302.7	1366.4
45°	1491.9	1231.0	872.5	890.4	970.1	964.1	1139.4	1244.9	1227.0	1242.9	1308.6
47.5°	1416.2	1159.3	846.6	739.0	904.4	902.4	1057.8	1169.3	1159.3	1175.3	1244.9
50°	1312.6	1079.7	844.6	633.5	830.7	838.6	960.1	1095.6	1095.6	1109.5	1183.2
52.5°	1179.3	982.1	766.9	573.7	745.0	768.9	874.5	1031.9	1035.8	1049.8	1115.5
55°	1057.8	880.5	711.1	527.9	643.4	695.2	790.8	966.1	974.1	988.0	1047.8
57.5°	946.2	733.1	699.2	474.1	549.8	599.6	717.1	902.4	906.4	918.3	976.1
60°	826.7	529.9	641.4	416.3	468.1	506.0	649.4	826.7	840.6	848.6	898.4
62.5°	691.2	384.5	581.7	376.5	428.3	436.2	593.6	755.0	772.9	778.9	808.8
65°	492.0	322.7	494.0	342.6	386.4	388.4	533.9	681.3	697.2	707.2	729.1
67.5°	332.7	262.9	376.5	310.8	354.6	356.6	476.1	595.6	617.5	625.5	639.4
70°	231.1	175.3	278.9	276.9	318.7	322.7	414.3	517.9	537.8	543.8	551.8
72.5°	169.3	141.4	231.1	249.0	280.9	284.9	350.6	430.3	450.2	456.2	460.2
75°	129.5	149.4	187.2	217.1	239.0	241.0	286.8	350.6	364.5	368.5	370.5
77.5°	103.6	139.4	137.4	175.3	195.2	191.2	225.1	270.9	282.9	282.9	282.9
80°	77.7	109.6	103.6	125.5	143.4	139.4	161.4	193.2	197.2	201.2	199.2
82.5°	57.8	69.7	69.7	79.7	95.6	91.6	107.6	125.5	125.5	125.5	129.5
85°	35.9	39.8	31.9	41.8	53.8	51.8	59.8	67.7	69.7	69.7	65.7
87.5°	21.9	17.9	10.0	15.9	23.9	23.9	27.9	29.9	27.9	27.9	27.9
90°	16.1	11.2	6.2	11.2	16.1	17.3	27.2	40.3	46.9	41.7	31.3
92.5°	108.8	66.7	24.7	66.7	108.8	119.2	167.6	232.1	264.3	231.7	166.3
95°	212.9	136.2	59.3	136.2	212.9	232.2	412.2	652.4	772.5	689.3	523.0
97.5°	238.1	170.3	102.5	170.3	238.1	255.1	555.4	955.8	1156.0	1103.4	998.3
100°	258.9	197.3	135.9	197.3	258.9	274.2	607.5	1051.8	1273.9	1277.8	1285.4
102.5°	279.0	221.6	164.2	221.6	279.0	293.3	631.3	1082.0	1307.2	1374.2	1508.1
105°	309.6	261.1	212.4	261.1	309.6	321.7	649.0	1085.3	1303.6	1453.7	1753.9
107.5°	352.4	307.2	261.8	307.2	352.4	363.7	652.3	1037.0	1229.5	1438.8	1857.6
110°	376.9	336.1	295.2	336.1	376.9	387.1	647.3	994.2	1167.7	1401.8	1870.0



TEST NUMBER: P934792

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.8	366.8	327.9	366.8	405.8	415.5	647.5	956.9	1111.5	1351.2	1830.3
115°	449.2	413.2	377.3	413.2	449.2	458.2	653.5	913.9	1044.2	1275.0	1736.6
117.5°	491.4	458.8	426.1	458.8	491.4	499.6	665.7	887.1	997.9	1206.2	1622.8
120°	515.9	485.2	454.5	485.2	515.9	523.6	675.5	878.1	979.4	1169.7	1550.4
122.5°	544.3	513.3	482.3	513.3	544.3	552.1	689.7	873.3	965.1	1136.5	1479.4
125°	581.4	553.2	524.9	553.2	581.4	588.4	708.9	869.4	949.7	1095.3	1386.4
127.5°	616.5	588.0	559.5	588.0	616.5	623.7	728.1	867.2	936.7	1061.7	1311.7
130°	639.4	608.7	578.0	608.7	639.4	647.1	742.0	868.6	931.9	1043.1	1265.7
132.5°	658.7	627.9	597.1	627.9	658.7	666.3	753.4	869.4	927.5	1027.1	1226.4
135°	681.6	653.5	625.5	653.5	681.6	688.5	765.7	868.6	920.1	1003.6	1170.4
137.5°	709.9	682.3	654.6	682.3	709.9	716.9	784.3	874.0	918.8	989.3	1130.5
140°	729.7	704.2	678.7	704.2	729.7	736.0	795.5	874.9	914.5	975.5	1097.3
142.5°	744.4	720.8	697.2	720.8	744.4	750.3	805.1	878.1	914.5	968.0	1075.1
145°	766.7	746.2	725.6	746.2	766.7	771.9	817.4	878.1	908.4	952.2	1039.7
147.5°	794.1	774.0	754.0	774.0	794.1	799.1	835.5	884.0	908.4	942.8	1011.6
150°	808.8	790.6	772.5	790.6	808.8	813.2	844.9	887.2	908.4	937.4	995.6
152.5°	819.1	805.4	791.6	805.4	819.1	822.5	851.1	889.2	908.4	933.2	982.9
155°	840.3	830.2	820.0	830.2	840.3	842.9	864.7	893.8	908.4	928.1	967.6
157.5°	860.7	850.9	841.0	850.9	860.7	863.2	878.3	898.3	908.4	923.7	954.5
160°	870.6	862.9	855.3	862.9	870.6	872.5	884.4	900.4	908.4	921.5	947.9
162.5°	881.0	875.2	869.4	875.2	881.0	882.5	891.1	902.6	908.4	919.5	941.7
165°	895.3	890.0	884.8	890.0	895.3	896.6	900.5	905.8	908.4	916.3	932.3
167.5°	904.1	901.6	899.1	901.6	904.1	904.7	908.0	912.3	914.5	919.7	930.2
170°	913.3	910.8	908.4	910.8	913.3	913.9	914.1	914.4	914.5	919.7	930.2
172.5°	914.4	913.8	913.3	913.8	914.4	914.5	914.5	914.5	914.5	918.6	926.9
175°	920.1	920.1	920.1	920.1	920.1	920.1	918.2	915.7	914.5	917.1	922.4
177.5°	920.1	920.1	920.1	920.1	920.1	920.1	918.6	916.7	915.7	917.8	921.9
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



TEST NUMBER: P934792

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4	2105.4
2.5°	2031.7	2025.8	2033.7	2011.8	2033.7	2025.8	2031.7	2045.7	2033.7	2041.7	2049.7
5°	1782.7	1772.8	1740.9	1715.0	1740.9	1772.8	1782.7	1824.6	1844.5	1880.3	1928.2
7.5°	1593.5	1585.5	1577.6	1561.6	1577.6	1585.5	1593.5	1605.5	1625.4	1657.2	1693.1
10°	1551.7	1553.7	1565.6	1563.6	1565.6	1553.7	1551.7	1547.7	1541.7	1547.7	1569.6
12.5°	1659.2	1677.2	1742.9	1738.9	1742.9	1677.2	1659.2	1579.6	1525.8	1515.8	1519.8
15°	1782.7	1788.7	1802.7	1804.7	1802.7	1788.7	1782.7	1750.9	1589.5	1519.8	1497.9
17.5°	1794.7	1796.7	1806.6	1806.6	1806.6	1796.7	1794.7	1780.7	1727.0	1633.3	1509.8
20°	1784.7	1788.7	1808.6	1812.6	1808.6	1788.7	1784.7	1766.8	1736.9	1703.1	1609.4
22.5°	1780.7	1788.7	1804.7	1802.7	1804.7	1788.7	1780.7	1752.9	1727.0	1703.1	1665.2
25°	1760.8	1760.8	1762.8	1764.8	1762.8	1760.8	1760.8	1738.9	1687.1	1681.1	1659.2
27.5°	1719.0	1723.0	1734.9	1732.9	1734.9	1723.0	1719.0	1711.0	1655.3	1649.3	1633.3
30°	1681.1	1677.2	1667.2	1659.2	1667.2	1677.2	1681.1	1669.2	1613.4	1597.5	1601.5
32.5°	1617.4	1607.4	1597.5	1591.5	1597.5	1607.4	1617.4	1613.4	1571.6	1549.7	1553.7
35°	1541.7	1543.7	1541.7	1535.7	1541.7	1543.7	1541.7	1545.7	1519.8	1499.9	1497.9
37.5°	1487.9	1491.9	1489.9	1481.9	1489.9	1491.9	1487.9	1483.9	1448.1	1442.1	1446.1
40°	1432.1	1434.1	1432.1	1426.2	1432.1	1434.1	1432.1	1424.2	1374.4	1376.4	1390.3
42.5°	1378.4	1376.4	1370.4	1366.4	1370.4	1376.4	1378.4	1366.4	1302.7	1296.7	1322.6
45°	1316.6	1318.6	1306.7	1300.7	1306.7	1318.6	1316.6	1308.6	1242.9	1227.0	1244.9
47.5°	1254.9	1254.9	1244.9	1238.9	1244.9	1254.9	1254.9	1244.9	1175.3	1159.3	1169.3
50°	1189.1	1187.2	1173.3	1171.3	1173.3	1187.2	1189.1	1183.2	1109.5	1095.6	1095.6
52.5°	1113.5	1113.5	1115.5	1119.5	1115.5	1113.5	1113.5	1115.5	1049.8	1035.8	1031.9
55°	1047.8	1049.8	1063.7	1067.7	1063.7	1049.8	1047.8	1047.8	988.0	974.1	966.1
57.5°	980.1	980.1	990.0	990.0	990.0	980.1	980.1	976.1	918.3	906.4	902.4
60°	902.4	906.4	914.3	912.3	914.3	906.4	902.4	898.4	848.6	840.6	826.7
62.5°	820.7	824.7	826.7	822.7	826.7	824.7	820.7	808.8	778.9	772.9	755.0
65°	735.0	739.0	741.0	737.0	741.0	739.0	735.0	729.1	707.2	697.2	681.3
67.5°	647.4	645.4	643.4	651.4	643.4	645.4	647.4	639.4	625.5	617.5	595.6
70°	557.8	557.8	555.8	559.8	555.8	557.8	557.8	551.8	543.8	537.8	517.9
72.5°	462.1	460.2	468.1	462.1	468.1	460.2	462.1	460.2	456.2	450.2	430.3
75°	368.5	372.5	368.5	374.5	368.5	372.5	368.5	370.5	368.5	364.5	350.6
77.5°	280.9	284.9	280.9	280.9	280.9	284.9	280.9	282.9	282.9	282.9	270.9
80°	199.2	197.2	197.2	195.2	197.2	197.2	199.2	199.2	201.2	197.2	193.2
82.5°	127.5	125.5	125.5	129.5	125.5	125.5	127.5	129.5	125.5	125.5	125.5
85°	69.7	71.7	67.7	67.7	67.7	71.7	69.7	65.7	69.7	69.7	67.7
87.5°	25.9	23.9	23.9	23.9	23.9	23.9	25.9	27.9	27.9	27.9	29.9
90°	23.5	23.5	23.5	23.5	23.5	23.5	23.5	31.3	41.7	46.9	40.3
92.5°	117.3	112.6	94.0	75.3	94.0	112.6	117.3	166.3	231.7	264.3	232.1
95°	398.3	384.2	327.7	271.1	327.7	384.2	398.3	523.0	689.3	772.5	652.4
97.5°	919.5	892.6	784.9	677.4	784.9	892.6	919.5	998.3	1103.4	1156.0	955.8
100°	1291.2	1259.1	1131.1	1002.9	1131.1	1259.1	1291.2	1285.4	1277.8	1273.9	1051.8
102.5°	1608.6	1581.2	1471.4	1361.6	1471.4	1581.2	1608.6	1508.1	1374.2	1307.2	1082.0
105°	1979.1	1964.3	1905.2	1846.3	1905.2	1964.3	1979.1	1753.9	1453.7	1303.6	1085.3
107.5°	2171.8	2175.4	2189.6	2203.8	2189.6	2175.4	2171.8	1857.6	1438.8	1229.5	1037.0
110°	2221.2	2236.5	2298.1	2359.5	2298.1	2236.5	2221.2	1870.0	1401.8	1167.7	994.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2189.7	2213.3	2307.6	2402.1	2307.6	2213.3	2189.7	1830.3	1351.2	1111.5	956.9
115°	2082.8	2115.6	2246.5	2377.4	2246.5	2115.6	2082.8	1736.6	1275.0	1044.2	913.9
117.5°	1935.2	1971.5	2116.7	2261.9	2116.7	1971.5	1935.2	1622.8	1206.2	997.9	887.1
120°	1835.8	1871.1	2012.2	2153.3	2012.2	1871.1	1835.8	1550.4	1169.7	979.4	878.1
122.5°	1736.4	1771.2	1910.3	2049.5	1910.3	1771.2	1736.4	1479.4	1136.5	965.1	873.3
125°	1604.9	1636.9	1765.1	1893.3	1765.1	1636.9	1604.9	1386.4	1095.3	949.7	869.4
127.5°	1499.3	1526.3	1634.4	1742.6	1634.4	1526.3	1499.3	1311.7	1061.7	936.7	867.2
130°	1432.6	1457.6	1557.4	1657.3	1557.4	1457.6	1432.6	1265.7	1043.1	931.9	868.6
132.5°	1375.8	1398.2	1487.6	1577.1	1487.6	1398.2	1375.8	1226.4	1027.1	927.5	869.4
135°	1295.5	1314.8	1391.9	1469.0	1391.9	1314.8	1295.5	1170.4	1003.6	920.1	868.6
137.5°	1236.2	1252.0	1315.1	1378.3	1315.1	1252.0	1236.2	1130.5	989.3	918.8	874.0
140°	1188.7	1203.5	1262.5	1321.5	1262.5	1203.5	1188.7	1097.3	975.5	914.5	874.9
142.5°	1155.4	1168.0	1218.8	1269.6	1218.8	1168.0	1155.4	1075.1	968.0	914.5	878.1
145°	1105.4	1114.9	1153.4	1191.8	1153.4	1114.9	1105.4	1039.7	952.2	908.4	878.1
147.5°	1063.3	1071.3	1103.1	1134.9	1103.1	1071.3	1063.3	1011.6	942.8	908.4	884.0
150°	1039.2	1045.7	1071.5	1097.3	1071.5	1045.7	1039.2	995.6	937.4	908.4	887.2
152.5°	1020.1	1025.0	1044.4	1063.9	1044.4	1025.0	1020.1	982.9	933.2	908.4	889.2
155°	997.3	1000.5	1013.4	1026.3	1013.4	1000.5	997.3	967.6	928.1	908.4	893.8
157.5°	977.5	979.8	988.8	997.9	988.8	979.8	977.5	954.5	923.7	908.4	898.3
160°	967.6	968.9	974.2	979.4	974.2	968.9	967.6	947.9	921.5	908.4	900.4
162.5°	958.4	959.5	964.5	969.5	964.5	959.5	958.4	941.7	919.5	908.4	902.6
165°	944.2	945.5	950.7	955.9	950.7	945.5	944.2	932.3	916.3	908.4	905.8
167.5°	938.0	938.5	940.7	942.9	940.7	938.5	938.0	930.2	919.7	914.5	912.3
170°	938.0	938.0	938.0	938.0	938.0	938.0	938.0	930.2	919.7	914.5	914.4
172.5°	933.1	932.6	930.7	928.8	930.7	932.6	933.1	926.9	918.6	914.5	914.5
175°	926.3	926.3	926.3	926.3	926.3	926.3	926.3	922.4	917.1	914.5	915.7
177.5°	925.0	924.5	922.3	920.1	922.3	924.5	925.0	921.9	917.8	915.7	916.7
180°	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1	920.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2105.4	2105.4	2105.4	2105.4	2105.4
2.5°	2079.5	2089.5	2095.5	2103.5	2123.4
5°	1999.9	2037.7	2049.7	2079.5	2115.4
7.5°	1824.6	1940.1	1972.0	2043.7	2099.5
10°	1655.3	1770.8	1826.6	1995.9	2079.5
12.5°	1569.6	1637.3	1675.2	1912.2	2051.7
15°	1515.8	1563.6	1591.5	1800.7	2019.8
17.5°	1474.0	1507.8	1527.8	1691.1	1976.0
20°	1448.1	1464.0	1481.9	1611.4	1926.2
22.5°	1430.2	1420.2	1434.1	1555.7	1858.4
25°	1418.2	1380.4	1396.3	1511.8	1778.8
27.5°	1428.2	1344.5	1350.5	1472.0	1695.1
30°	1430.2	1300.7	1302.7	1430.2	1601.5
32.5°	1416.2	1254.9	1256.9	1378.4	1495.9
35°	1382.3	1201.1	1199.1	1318.6	1352.5
37.5°	1336.5	1143.4	1143.4	1252.9	1195.1
40°	1280.8	1085.6	1091.6	1167.3	1055.8
42.5°	1213.0	1023.9	1031.9	1053.8	952.2
45°	1139.4	964.1	970.1	890.4	872.5
47.5°	1057.8	902.4	904.4	739.0	846.6
50°	960.1	838.6	830.7	633.5	844.6
52.5°	874.5	768.9	745.0	573.7	766.9
55°	790.8	695.2	643.4	527.9	711.1
57.5°	717.1	599.6	549.8	474.1	699.2
60°	649.4	506.0	468.1	416.3	641.4
62.5°	593.6	436.2	428.3	376.5	581.7
65°	533.9	388.4	386.4	342.6	494.0
67.5°	476.1	356.6	354.6	310.8	376.5
70°	414.3	322.7	318.7	276.9	278.9
72.5°	350.6	284.9	280.9	249.0	231.1
75°	286.8	241.0	239.0	217.1	187.2
77.5°	225.1	191.2	195.2	175.3	137.4
80°	161.4	139.4	143.4	125.5	103.6
82.5°	107.6	91.6	95.6	79.7	69.7
85°	59.8	51.8	53.8	41.8	31.9
87.5°	27.9	23.9	23.9	15.9	10.0
90°	27.2	17.3	16.1	11.2	6.2
92.5°	167.6	119.2	108.8	66.7	24.7
95°	412.2	232.2	212.9	136.2	59.3
97.5°	555.4	255.1	238.1	170.3	102.5
100°	607.5	274.2	258.9	197.3	135.9
102.5°	631.3	293.3	279.0	221.6	164.2
105°	649.0	321.7	309.6	261.1	212.4
107.5°	652.3	363.7	352.4	307.2	261.8
110°	647.3	387.1	376.9	336.1	295.2



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CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	647.5	415.5	405.8	366.8	327.9
115°	653.5	458.2	449.2	413.2	377.3
117.5°	665.7	499.6	491.4	458.8	426.1
120°	675.5	523.6	515.9	485.2	454.5
122.5°	689.7	552.1	544.3	513.3	482.3
125°	708.9	588.4	581.4	553.2	524.9
127.5°	728.1	623.7	616.5	588.0	559.5
130°	742.0	647.1	639.4	608.7	578.0
132.5°	753.4	666.3	658.7	627.9	597.1
135°	765.7	688.5	681.6	653.5	625.5
137.5°	784.3	716.9	709.9	682.3	654.6
140°	795.5	736.0	729.7	704.2	678.7
142.5°	805.1	750.3	744.4	720.8	697.2
145°	817.4	771.9	766.7	746.2	725.6
147.5°	835.5	799.1	794.1	774.0	754.0
150°	844.9	813.2	808.8	790.6	772.5
152.5°	851.1	822.5	819.1	805.4	791.6
155°	864.7	842.9	840.3	830.2	820.0
157.5°	878.3	863.2	860.7	850.9	841.0
160°	884.4	872.5	870.6	862.9	855.3
162.5°	891.1	882.5	881.0	875.2	869.4
165°	900.5	896.6	895.3	890.0	884.8
167.5°	908.0	904.7	904.1	901.6	899.1
170°	914.1	913.9	913.3	910.8	908.4
172.5°	914.5	914.5	914.4	913.8	913.3
175°	918.2	920.1	920.1	920.1	920.1
177.5°	918.6	920.1	920.1	920.1	920.1
180°	920.1	920.1	920.1	920.1	920.1



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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	12.52	13.36	13.50	14.35	15.65	15.36	16.20	16.33	17.19	18.49
	3H	13.00	13.75	13.98	14.75	16.07	16.70	17.46	17.69	18.46	19.78
	4H	13.19	13.90	14.19	14.90	16.23	17.15	17.86	18.15	18.86	20.20
	6H	13.30	13.96	14.31	14.97	16.31	17.43	18.09	18.44	19.10	20.44
	8H	13.30	13.93	14.32	14.95	16.29	17.51	18.14	18.53	19.16	20.50
	12H	13.27	13.87	14.30	14.89	16.25	17.55	18.14	18.57	19.16	20.53
4H	2H	13.55	14.27	14.56	15.27	16.60	15.76	16.48	16.77	17.48	18.81
	3H	14.58	15.17	15.59	16.20	17.55	17.27	17.86	18.29	18.90	20.24
	4H	14.85	15.40	15.88	16.42	17.79	17.80	18.34	18.82	19.37	20.73
	6H	14.98	15.44	16.01	16.49	17.86	18.16	18.63	19.20	19.68	21.04
	8H	14.98	15.42	16.02	16.46	17.84	18.27	18.71	19.31	19.75	21.13
	12H	14.95	15.34	16.00	16.40	17.78	18.33	18.72	19.38	19.78	21.16
8H	4H	15.31	15.74	16.34	16.78	18.16	17.92	18.36	18.96	19.40	20.78
	6H	15.57	15.93	16.63	17.01	18.39	18.36	18.72	19.42	19.80	21.18
	8H	15.61	15.93	16.67	16.99	18.39	18.51	18.83	19.58	19.90	21.29
	12H	15.59	15.87	16.66	16.93	18.37	18.61	18.89	19.68	19.95	21.39
12H	4H	15.31	15.71	16.36	16.76	18.15	17.88	18.28	18.94	19.33	20.72
	6H	15.63	15.95	16.69	17.01	18.41	18.36	18.67	19.42	19.74	21.14
	8H	15.69	15.97	16.76	17.03	18.47	18.52	18.80	19.59	19.86	21.30