

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: P934392

Luminaire Tested: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934392
REPORT IS A COMBINATION OF REPORTS P933696 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-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: -

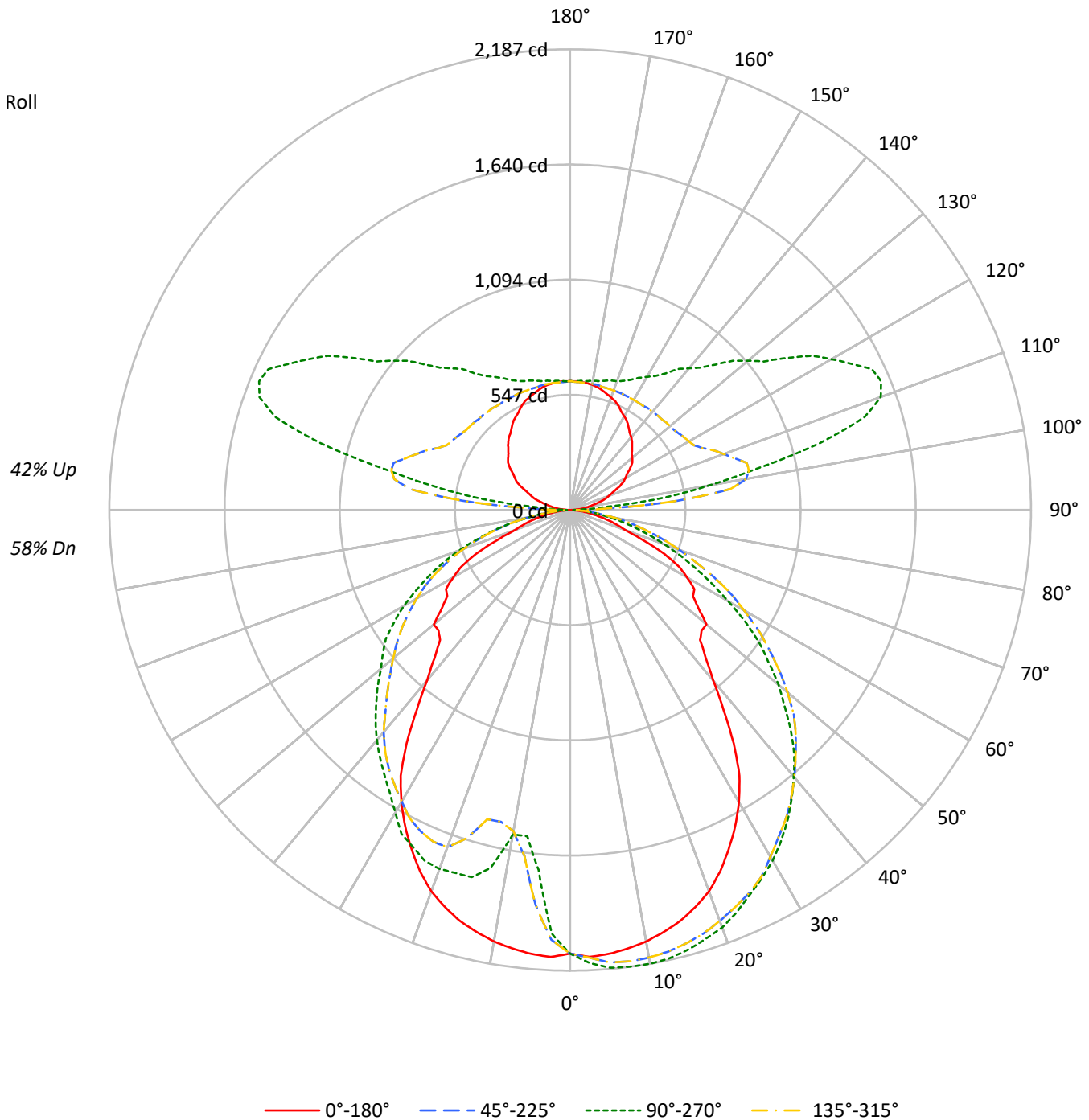
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9427.2 lumens
Efficiency: N/A
Efficacy: 129.5 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): 72.8
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

TEST NUMBER: P934392
CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot





TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58		
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49		
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41		
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35		
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30		
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26		
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23		
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20		
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18		
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16		
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15		

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



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.1	2.0
10°-20°	539.6	5.7
20°-30°	834.1	8.8
30°-40°	995.8	10.6
40°-50°	1001.6	10.6
50°-60°	871.6	9.2
60°-70°	618.0	6.6
70°-80°	326.9	3.5
80°-90°	83.8	0.9
90°-100°	298.2	3.2
100°-110°	784.0	8.3
110°-120°	812.9	8.6
120°-130°	652.0	6.9
130°-140°	511.6	5.4
140°-150°	392.7	4.2
150°-160°	282.8	3.0
160°-170°	173.0	1.8
170°-180°	58.5	0.6
0°-30°	1563.8	16.6
0°-40°	2559.6	27.2
0°-60°	4432.8	47.0
0°-90°	5461.4	57.9
90°-120°	1895.1	20.1
90°-150°	3451.4	36.6
90°-180°	3966.0	42.1
0°-180°	9427.2	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°	4	16	4	16	4	5
95°	39	180	39	180	39	44
105°	141	1228	141	1228	141	150
115°	251	1581	251	1581	251	248
125°	349	1259	349	1259	349	310
135°	416	977	416	977	416	322
145°	482	792	482	792	482	302
155°	545	682	545	682	545	251
165°	588	636	588	636	588	166
175°	612	616	612	616	612	58
180°	612	612	612	612	612	



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

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°	4.1	7.4	10.7	11.5	18.0	26.8	31.2	27.7	20.8	15.6	15.6
92.5°	16.4	44.3	72.3	79.3	111.5	154.3	175.7	154.0	110.6	78.0	74.9
95°	39.4	90.5	141.6	154.4	274.1	433.8	513.6	458.4	347.8	264.8	255.5
97.5°	68.1	113.1	158.3	169.5	369.2	635.4	768.6	733.7	663.7	611.3	593.4
100°	90.3	131.2	172.0	182.3	403.9	699.3	847.0	849.6	854.7	858.5	837.1
102.5°	109.3	147.4	185.5	195.0	419.7	719.4	869.2	913.7	1002.8	1069.5	1051.3
105°	141.2	173.5	205.9	213.9	431.6	721.7	866.7	966.5	1166.2	1315.9	1306.1
107.5°	174.1	204.2	234.3	241.8	433.7	689.5	817.4	956.7	1235.1	1444.0	1446.4
110°	196.2	223.4	250.7	257.5	430.5	661.0	776.4	932.1	1243.3	1476.8	1487.0



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	218.0	243.9	269.8	276.3	430.6	636.2	739.0	898.3	1216.9	1455.9	1471.6
115°	250.9	274.8	298.7	304.7	434.6	607.8	694.3	847.8	1154.7	1384.8	1406.6
117.5°	283.3	305.0	326.7	332.2	442.6	589.8	663.4	802.0	1079.0	1286.7	1310.8
120°	302.2	322.6	343.1	348.2	449.2	583.9	651.2	777.7	1030.8	1220.6	1244.0
122.5°	320.6	341.2	361.8	367.0	458.6	580.7	641.7	755.7	983.6	1154.6	1177.7
125°	349.0	367.7	386.5	391.2	471.3	578.1	631.5	728.3	921.9	1067.1	1088.4
127.5°	372.0	390.9	409.9	414.6	484.1	576.6	622.8	706.0	872.2	996.9	1014.8
130°	384.3	404.7	425.2	430.3	493.3	577.5	619.5	693.5	841.5	952.5	969.1
132.5°	397.0	417.4	437.9	443.0	500.9	578.1	616.7	683.0	815.4	914.7	929.6
135°	415.9	434.6	453.1	457.8	509.1	577.5	611.7	667.2	778.2	861.3	874.2
137.5°	435.3	453.7	472.1	476.7	521.4	581.1	610.9	657.9	751.7	822.0	832.5
140°	451.2	468.2	485.2	489.4	529.0	581.7	608.1	648.6	729.6	790.3	800.1
142.5°	463.5	479.2	494.9	498.8	535.3	583.8	608.1	643.6	714.8	768.2	776.7
145°	482.5	496.1	509.9	513.2	543.5	583.9	604.0	633.1	691.3	734.9	741.3
147.5°	501.3	514.6	528.0	531.3	555.5	587.8	604.0	626.9	672.6	707.0	712.2
150°	513.6	525.7	537.7	540.7	561.8	589.9	604.0	623.3	662.0	691.0	695.3
152.5°	526.4	535.5	544.6	546.9	565.9	591.3	604.0	620.5	653.5	678.3	681.6
155°	545.2	552.0	558.8	560.4	575.0	594.3	604.0	617.1	643.3	663.0	665.2
157.5°	559.2	565.7	572.3	574.0	584.0	597.3	604.0	614.1	634.6	649.9	651.4
160°	568.6	573.8	578.9	580.2	588.1	598.7	604.0	612.7	630.2	643.3	644.2
162.5°	578.1	582.0	585.7	586.7	592.5	600.2	604.0	611.3	626.2	637.2	638.0
165°	588.3	591.8	595.2	596.1	598.7	602.2	604.0	609.3	619.8	627.8	628.7
167.5°	597.8	599.4	601.1	601.5	603.7	606.6	608.1	611.5	618.5	623.7	624.1
170°	604.0	605.6	607.3	607.7	607.8	608.0	608.1	611.5	618.5	623.7	623.7
172.5°	607.3	607.7	608.0	608.1	608.1	608.1	608.1	610.8	616.3	620.4	620.1
175°	611.7	611.7	611.7	611.7	610.5	608.9	608.1	609.8	613.2	615.8	615.8
177.5°	611.7	611.7	611.7	611.7	610.7	609.5	608.9	610.2	612.9	615.0	614.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

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°	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8	18.0	11.5
92.5°	62.4	50.1	62.4	74.9	78.0	110.6	154.0	175.7	154.3	111.5	79.3
95°	217.8	180.3	217.8	255.5	264.8	347.8	458.4	513.6	433.8	274.1	154.4
97.5°	521.9	450.4	521.9	593.4	611.3	663.7	733.7	768.6	635.4	369.2	169.5
100°	752.0	666.7	752.0	837.1	858.5	854.7	849.6	847.0	699.3	403.9	182.3
102.5°	978.3	905.3	978.3	1051.3	1069.5	1002.8	913.7	869.2	719.4	419.7	195.0
105°	1266.8	1227.6	1266.8	1306.1	1315.9	1166.2	966.5	866.7	721.7	431.6	213.9
107.5°	1455.9	1465.3	1455.9	1446.4	1444.0	1235.1	956.7	817.4	689.5	433.7	241.8
110°	1527.9	1568.8	1527.9	1487.0	1476.8	1243.3	932.1	776.4	661.0	430.5	257.5



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-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°	1534.3	1597.1	1534.3	1471.6	1455.9	1216.9	898.3	739.0	636.2	430.6	276.3
115°	1493.6	1580.7	1493.6	1406.6	1384.8	1154.7	847.8	694.3	607.8	434.6	304.7
117.5°	1407.4	1504.0	1407.4	1310.8	1286.7	1079.0	802.0	663.4	589.8	442.6	332.2
120°	1337.8	1431.7	1337.8	1244.0	1220.6	1030.8	777.7	651.2	583.9	449.2	348.2
122.5°	1270.2	1362.7	1270.2	1177.7	1154.6	983.6	755.7	641.7	580.7	458.6	367.0
125°	1173.6	1258.8	1173.6	1088.4	1067.1	921.9	728.3	631.5	578.1	471.3	391.2
127.5°	1086.7	1158.6	1086.7	1014.8	996.9	872.2	706.0	622.8	576.6	484.1	414.6
130°	1035.5	1102.0	1035.5	969.1	952.5	841.5	693.5	619.5	577.5	493.3	430.3
132.5°	989.1	1048.6	989.1	929.6	914.7	815.4	683.0	616.7	578.1	500.9	443.0
135°	925.5	976.8	925.5	874.2	861.3	778.2	667.2	611.7	577.5	509.1	457.8
137.5°	874.5	916.4	874.5	832.5	822.0	751.7	657.9	610.9	581.1	521.4	476.7
140°	839.3	878.6	839.3	800.1	790.3	729.6	648.6	608.1	581.7	529.0	489.4
142.5°	810.3	844.1	810.3	776.7	768.2	714.8	643.6	608.1	583.8	535.3	498.8
145°	766.9	792.4	766.9	741.3	734.9	691.3	633.1	604.0	583.9	543.5	513.2
147.5°	733.5	754.7	733.5	712.2	707.0	672.6	626.9	604.0	587.8	555.5	531.3
150°	712.4	729.6	712.4	695.3	691.0	662.0	623.3	604.0	589.9	561.8	540.7
152.5°	694.5	707.5	694.5	681.6	678.3	653.5	620.5	604.0	591.3	565.9	546.9
155°	673.8	682.4	673.8	665.2	663.0	643.3	617.1	604.0	594.3	575.0	560.4
157.5°	657.5	663.4	657.5	651.4	649.9	634.6	614.1	604.0	597.3	584.0	574.0
160°	647.7	651.2	647.7	644.2	643.3	630.2	612.7	604.0	598.7	588.1	580.2
162.5°	641.3	644.6	641.3	638.0	637.2	626.2	611.3	604.0	600.2	592.5	586.7
165°	632.1	635.5	632.1	628.7	627.8	619.8	609.3	604.0	602.2	598.7	596.1
167.5°	625.5	627.0	625.5	624.1	623.7	618.5	611.5	608.1	606.6	603.7	601.5
170°	623.7	623.7	623.7	623.7	623.7	618.5	611.5	608.1	608.0	607.8	607.7
172.5°	618.8	617.5	618.8	620.1	620.4	616.3	610.8	608.1	608.1	608.1	608.1
175°	615.8	615.8	615.8	615.8	615.8	613.2	609.8	608.1	608.9	610.5	611.7
177.5°	613.2	611.7	613.2	614.6	615.0	612.9	610.2	608.9	609.5	610.7	611.7
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

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°	10.7	7.4	4.1	7.4	10.7	11.5	18.0	26.8	31.2	27.7	20.8
92.5°	72.3	44.3	16.4	44.3	72.3	79.3	111.5	154.3	175.7	154.0	110.6
95°	141.6	90.5	39.4	90.5	141.6	154.4	274.1	433.8	513.6	458.4	347.8
97.5°	158.3	113.1	68.1	113.1	158.3	169.5	369.2	635.4	768.6	733.7	663.7
100°	172.0	131.2	90.3	131.2	172.0	182.3	403.9	699.3	847.0	849.6	854.7
102.5°	185.5	147.4	109.3	147.4	185.5	195.0	419.7	719.4	869.2	913.7	1002.8
105°	205.9	173.5	141.2	173.5	205.9	213.9	431.6	721.7	866.7	966.5	1166.2
107.5°	234.3	204.2	174.1	204.2	234.3	241.8	433.7	689.5	817.4	956.7	1235.1
110°	250.7	223.4	196.2	223.4	250.7	257.5	430.5	661.0	776.4	932.1	1243.3



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-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°	269.8	243.9	218.0	243.9	269.8	276.3	430.6	636.2	739.0	898.3	1216.9
115°	298.7	274.8	250.9	274.8	298.7	304.7	434.6	607.8	694.3	847.8	1154.7
117.5°	326.7	305.0	283.3	305.0	326.7	332.2	442.6	589.8	663.4	802.0	1079.0
120°	343.1	322.6	302.2	322.6	343.1	348.2	449.2	583.9	651.2	777.7	1030.8
122.5°	361.8	341.2	320.6	341.2	361.8	367.0	458.6	580.7	641.7	755.7	983.6
125°	386.5	367.7	349.0	367.7	386.5	391.2	471.3	578.1	631.5	728.3	921.9
127.5°	409.9	390.9	372.0	390.9	409.9	414.6	484.1	576.6	622.8	706.0	872.2
130°	425.2	404.7	384.3	404.7	425.2	430.3	493.3	577.5	619.5	693.5	841.5
132.5°	437.9	417.4	397.0	417.4	437.9	443.0	500.9	578.1	616.7	683.0	815.4
135°	453.1	434.6	415.9	434.6	453.1	457.8	509.1	577.5	611.7	667.2	778.2
137.5°	472.1	453.7	435.3	453.7	472.1	476.7	521.4	581.1	610.9	657.9	751.7
140°	485.2	468.2	451.2	468.2	485.2	489.4	529.0	581.7	608.1	648.6	729.6
142.5°	494.9	479.2	463.5	479.2	494.9	498.8	535.3	583.8	608.1	643.6	714.8
145°	509.9	496.1	482.5	496.1	509.9	513.2	543.5	583.9	604.0	633.1	691.3
147.5°	528.0	514.6	501.3	514.6	528.0	531.3	555.5	587.8	604.0	626.9	672.6
150°	537.7	525.7	513.6	525.7	537.7	540.7	561.8	589.9	604.0	623.3	662.0
152.5°	544.6	535.5	526.4	535.5	544.6	546.9	565.9	591.3	604.0	620.5	653.5
155°	558.8	552.0	545.2	552.0	558.8	560.4	575.0	594.3	604.0	617.1	643.3
157.5°	572.3	565.7	559.2	565.7	572.3	574.0	584.0	597.3	604.0	614.1	634.6
160°	578.9	573.8	568.6	573.8	578.9	580.2	588.1	598.7	604.0	612.7	630.2
162.5°	585.7	582.0	578.1	582.0	585.7	586.7	592.5	600.2	604.0	611.3	626.2
165°	595.2	591.8	588.3	591.8	595.2	596.1	598.7	602.2	604.0	609.3	619.8
167.5°	601.1	599.4	597.8	599.4	601.1	601.5	603.7	606.6	608.1	611.5	618.5
170°	607.3	605.6	604.0	605.6	607.3	607.7	607.8	608.0	608.1	611.5	618.5
172.5°	608.0	607.7	607.3	607.7	608.0	608.1	608.1	608.1	608.1	610.8	616.3
175°	611.7	611.7	611.7	611.7	611.7	611.7	610.5	608.9	608.1	609.8	613.2
177.5°	611.7	611.7	611.7	611.7	611.7	611.7	610.7	609.5	608.9	610.2	612.9
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-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°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8
92.5°	78.0	74.9	62.4	50.1	62.4	74.9	78.0	110.6	154.0	175.7	154.3
95°	264.8	255.5	217.8	180.3	217.8	255.5	264.8	347.8	458.4	513.6	433.8
97.5°	611.3	593.4	521.9	450.4	521.9	593.4	611.3	663.7	733.7	768.6	635.4
100°	858.5	837.1	752.0	666.7	752.0	837.1	858.5	854.7	849.6	847.0	699.3
102.5°	1069.5	1051.3	978.3	905.3	978.3	1051.3	1069.5	1002.8	913.7	869.2	719.4
105°	1315.9	1306.1	1266.8	1227.6	1266.8	1306.1	1315.9	1166.2	966.5	866.7	721.7
107.5°	1444.0	1446.4	1455.9	1465.3	1455.9	1446.4	1444.0	1235.1	956.7	817.4	689.5
110°	1476.8	1487.0	1527.9	1568.8	1527.9	1487.0	1476.8	1243.3	932.1	776.4	661.0



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1455.9	1471.6	1534.3	1597.1	1534.3	1471.6	1455.9	1216.9	898.3	739.0	636.2
115°	1384.8	1406.6	1493.6	1580.7	1493.6	1406.6	1384.8	1154.7	847.8	694.3	607.8
117.5°	1286.7	1310.8	1407.4	1504.0	1407.4	1310.8	1286.7	1079.0	802.0	663.4	589.8
120°	1220.6	1244.0	1337.8	1431.7	1337.8	1244.0	1220.6	1030.8	777.7	651.2	583.9
122.5°	1154.6	1177.7	1270.2	1362.7	1270.2	1177.7	1154.6	983.6	755.7	641.7	580.7
125°	1067.1	1088.4	1173.6	1258.8	1173.6	1088.4	1067.1	921.9	728.3	631.5	578.1
127.5°	996.9	1014.8	1086.7	1158.6	1086.7	1014.8	996.9	872.2	706.0	622.8	576.6
130°	952.5	969.1	1035.5	1102.0	1035.5	969.1	952.5	841.5	693.5	619.5	577.5
132.5°	914.7	929.6	989.1	1048.6	989.1	929.6	914.7	815.4	683.0	616.7	578.1
135°	861.3	874.2	925.5	976.8	925.5	874.2	861.3	778.2	667.2	611.7	577.5
137.5°	822.0	832.5	874.5	916.4	874.5	832.5	822.0	751.7	657.9	610.9	581.1
140°	790.3	800.1	839.3	878.6	839.3	800.1	790.3	729.6	648.6	608.1	581.7
142.5°	768.2	776.7	810.3	844.1	810.3	776.7	768.2	714.8	643.6	608.1	583.8
145°	734.9	741.3	766.9	792.4	766.9	741.3	734.9	691.3	633.1	604.0	583.9
147.5°	707.0	712.2	733.5	754.7	733.5	712.2	707.0	672.6	626.9	604.0	587.8
150°	691.0	695.3	712.4	729.6	712.4	695.3	691.0	662.0	623.3	604.0	589.9
152.5°	678.3	681.6	694.5	707.5	694.5	681.6	678.3	653.5	620.5	604.0	591.3
155°	663.0	665.2	673.8	682.4	673.8	665.2	663.0	643.3	617.1	604.0	594.3
157.5°	649.9	651.4	657.5	663.4	657.5	651.4	649.9	634.6	614.1	604.0	597.3
160°	643.3	644.2	647.7	651.2	647.7	644.2	643.3	630.2	612.7	604.0	598.7
162.5°	637.2	638.0	641.3	644.6	641.3	638.0	637.2	626.2	611.3	604.0	600.2
165°	627.8	628.7	632.1	635.5	632.1	628.7	627.8	619.8	609.3	604.0	602.2
167.5°	623.7	624.1	625.5	627.0	625.5	624.1	623.7	618.5	611.5	608.1	606.6
170°	623.7	623.7	623.7	623.7	623.7	623.7	623.7	618.5	611.5	608.1	608.0
172.5°	620.4	620.1	618.8	617.5	618.8	620.1	620.4	616.3	610.8	608.1	608.1
175°	615.8	615.8	615.8	615.8	615.8	615.8	615.8	613.2	609.8	608.1	608.9
177.5°	615.0	614.6	613.2	611.7	613.2	614.6	615.0	612.9	610.2	608.9	609.5
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

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°	18.0	11.5	10.7	7.4	4.1
92.5°	111.5	79.3	72.3	44.3	16.4
95°	274.1	154.4	141.6	90.5	39.4
97.5°	369.2	169.5	158.3	113.1	68.1
100°	403.9	182.3	172.0	131.2	90.3
102.5°	419.7	195.0	185.5	147.4	109.3
105°	431.6	213.9	205.9	173.5	141.2
107.5°	433.7	241.8	234.3	204.2	174.1
110°	430.5	257.5	250.7	223.4	196.2



TEST NUMBER: P934392

CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	430.6	276.3	269.8	243.9	218.0
115°	434.6	304.7	298.7	274.8	250.9
117.5°	442.6	332.2	326.7	305.0	283.3
120°	449.2	348.2	343.1	322.6	302.2
122.5°	458.6	367.0	361.8	341.2	320.6
125°	471.3	391.2	386.5	367.7	349.0
127.5°	484.1	414.6	409.9	390.9	372.0
130°	493.3	430.3	425.2	404.7	384.3
132.5°	500.9	443.0	437.9	417.4	397.0
135°	509.1	457.8	453.1	434.6	415.9
137.5°	521.4	476.7	472.1	453.7	435.3
140°	529.0	489.4	485.2	468.2	451.2
142.5°	535.3	498.8	494.9	479.2	463.5
145°	543.5	513.2	509.9	496.1	482.5
147.5°	555.5	531.3	528.0	514.6	501.3
150°	561.8	540.7	537.7	525.7	513.6
152.5°	565.9	546.9	544.6	535.5	526.4
155°	575.0	560.4	558.8	552.0	545.2
157.5°	584.0	574.0	572.3	565.7	559.2
160°	588.1	580.2	578.9	573.8	568.6
162.5°	592.5	586.7	585.7	582.0	578.1
165°	598.7	596.1	595.2	591.8	588.3
167.5°	603.7	601.5	601.1	599.4	597.8
170°	607.8	607.7	607.3	605.6	604.0
172.5°	608.1	608.1	608.0	607.7	607.3
175°	610.5	611.7	611.7	611.7	611.7
177.5°	610.7	611.7	611.7	611.7	611.7
180°	611.7	611.7	611.7	611.7	611.7



TEST NUMBER: P934392
 CATALOG NUMBER: SQ4-FA-050U-075D-B2750-1D-UNV-STD-W-8-2700K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.43	14.37	14.31	15.27	16.43	16.27	17.20	17.15	18.11	19.26
	3H	13.91	14.75	14.81	15.67	16.85	17.62	18.46	18.52	19.38	20.55
	4H	14.11	14.90	15.02	15.82	17.01	18.07	18.86	18.98	19.78	20.97
	6H	14.23	14.96	15.15	15.89	17.09	18.36	19.09	19.28	20.02	21.22
	8H	14.23	14.93	15.16	15.87	17.07	18.44	19.13	19.37	20.08	21.28
	12H	14.21	14.87	15.14	15.81	17.03	18.48	19.14	19.42	20.08	21.31
4H	2H	14.47	15.27	15.39	16.19	17.38	16.68	17.48	17.60	18.40	19.59
	3H	15.51	16.17	16.44	17.12	18.32	18.20	18.86	19.13	19.81	21.02
	4H	15.79	16.39	16.73	17.34	18.56	18.73	19.34	19.67	20.28	21.51
	6H	15.91	16.44	16.87	17.41	18.63	19.10	19.62	20.06	20.60	21.82
	8H	15.92	16.41	16.88	17.37	18.62	19.21	19.70	20.17	20.66	21.91
	12H	15.89	16.33	16.87	17.31	18.56	19.27	19.71	20.25	20.70	21.94
8H	4H	16.25	16.73	17.20	17.70	18.94	18.86	19.35	19.82	20.31	21.56
	6H	16.51	16.91	17.49	17.92	19.16	19.30	19.71	20.29	20.71	21.95
	8H	16.55	16.91	17.54	17.90	19.16	19.46	19.81	20.45	20.81	22.07
	12H	16.54	16.85	17.54	17.84	19.15	19.56	19.87	20.56	20.86	22.17
12H	4H	16.26	16.69	17.23	17.68	18.92	18.83	19.27	19.81	20.25	21.50
	6H	16.57	16.93	17.56	17.92	19.18	19.30	19.66	20.29	20.65	21.91
	8H	16.64	16.96	17.64	17.94	19.25	19.47	19.78	20.46	20.77	22.08