

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: P934842

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

**Test Information**

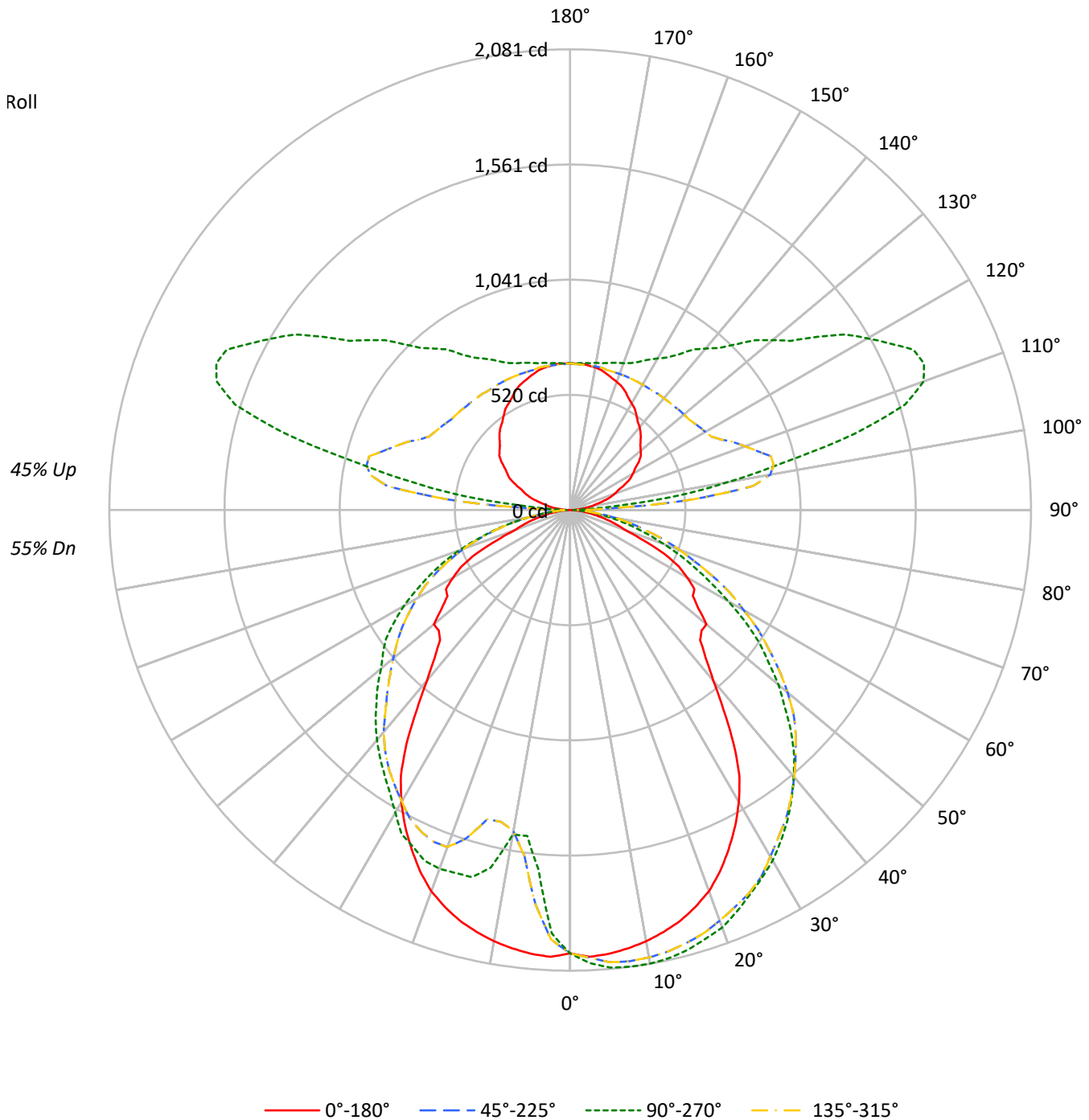
Test Method: LM-79-2019  
Report Number: P934842  
REPORT IS A COMBINATION OF REPORTS P933715 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9490.2 lumens  
Efficiency: N/A  
Efficacy: 123.6 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 76.8  
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





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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	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	12390	12390	12390	12390
5°	12478	12507	12478	9835
10°	12390	12320	12390	8808
15°	12251	12053	12251	10064
20°	11990	11737	11990	10086
25°	11461	11276	11461	9872
30°	10779	10893	10779	9403
35°	9605	10408	9605	8887
40°	7998	9838	7998	8497
45°	7142	9171	7142	8049
50°	7581	8375	7581	7600
55°	7127	7517	7127	7340
60°	7337	6384	7337	6722
65°	6642	5278	6642	5900
70°	4587	4206	4587	4945
75°	4008	3109	4008	3724
80°	3206	2056	3206	2238
85°	1806	1089	1806	925

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10953 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.8	1.9
10°-20°	513.3	5.4
20°-30°	793.5	8.4
30°-40°	947.3	10.0
40°-50°	952.8	10.0
50°-60°	829.1	8.7
60°-70°	587.8	6.2
70°-80°	311.0	3.3
80°-90°	80.0	0.8
90°-100°	322.9	3.4
100°-110°	849.0	8.9
110°-120°	880.3	9.3
120°-130°	706.1	7.4
130°-140°	554.0	5.8
140°-150°	425.3	4.5
150°-160°	306.3	3.2
160°-170°	187.4	2.0
170°-180°	63.3	0.7
0°-30°	1487.6	15.7
0°-40°	2434.9	25.7
0°-60°	4216.8	44.4
0°-90°	5195.6	54.7
90°-120°	2052.2	21.6
90°-150°	3737.6	39.4
90°-180°	4295.0	45.3
0°-180°	9490.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2003	2003	2003	2003	2003	
5°	2012	2075	2012	1632	2012	191
15°	1921	2056	1921	1717	1921	541
25°	1692	1918	1692	1679	1692	777
35°	1287	1711	1287	1461	1287	796
45°	830	1410	830	1237	830	665
55°	676	1040	676	1016	676	622
65°	470	627	470	701	470	449
75°	178	298	178	356	178	187
85°	30	76	30	64	30	41
90°	4	17	4	17	4	5
95°	43	195	43	195	43	47
105°	153	1329	153	1329	153	162
115°	272	1712	272	1712	272	268
125°	378	1363	378	1363	378	336
135°	450	1058	450	1058	450	348
145°	522	858	522	858	522	327
155°	590	739	590	739	590	271
165°	637	688	637	688	637	180
175°	662	667	662	667	662	63
180°	662	662	662	662	662	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2020.0	2020.0	2031.3	2035.1	2035.1	2029.4	2023.7	2029.4	2046.4	2052.2	2050.3
5°	2012.3	2027.5	2048.4	2052.2	2055.9	2054.0	2050.3	2054.0	2072.9	2076.8	2078.7
7.5°	1997.2	2025.6	2052.2	2057.8	2063.5	2057.8	2055.9	2059.7	2078.7	2082.5	2082.5
10°	1978.3	2018.0	2048.4	2052.2	2057.8	2052.2	2052.2	2059.7	2078.7	2082.5	2084.3
12.5°	1951.7	2006.7	2035.1	2038.9	2046.4	2044.5	2042.6	2050.3	2069.2	2072.9	2072.9
15°	1921.4	1985.8	2012.3	2016.1	2029.4	2025.6	2025.6	2033.2	2054.0	2059.7	2057.8
17.5°	1879.7	1959.2	1989.6	1995.3	2004.8	2002.8	2004.8	2012.3	2031.3	2035.1	2037.0
20°	1832.4	1923.3	1959.2	1965.0	1974.4	1974.4	1974.4	1983.9	2002.8	2010.5	2010.5
22.5°	1767.9	1885.4	1923.3	1927.1	1938.5	1938.5	1942.2	1955.5	1972.5	1974.4	1974.4
25°	1692.1	1843.7	1876.0	1887.2	1898.6	1904.4	1910.0	1917.6	1923.3	1921.4	1923.3
27.5°	1612.5	1790.7	1832.4	1839.9	1855.1	1860.8	1868.3	1870.2	1872.1	1877.8	1874.0
30°	1523.5	1716.7	1779.3	1786.8	1811.5	1815.2	1807.7	1811.5	1821.0	1824.8	1828.5
32.5°	1423.0	1606.9	1724.3	1741.4	1764.1	1752.7	1750.9	1756.5	1771.7	1771.7	1775.5
35°	1286.7	1521.6	1673.1	1688.3	1705.4	1692.1	1699.7	1701.5	1711.0	1716.7	1714.8
37.5°	1136.9	1447.7	1620.1	1631.5	1644.7	1627.7	1639.0	1644.7	1652.3	1648.6	1648.6
40°	1004.3	1332.1	1557.5	1565.2	1576.6	1563.3	1574.7	1578.4	1582.2	1578.4	1576.6
42.5°	905.7	1205.1	1491.3	1500.7	1493.2	1502.7	1506.4	1514.0	1508.3	1500.7	1500.7
45°	830.0	1171.0	1419.3	1430.7	1419.3	1434.4	1440.1	1440.1	1423.0	1419.3	1417.4
47.5°	805.3	1102.8	1347.3	1347.3	1341.5	1360.5	1369.9	1356.7	1339.6	1334.0	1334.0
50°	803.4	1027.0	1248.7	1241.1	1267.6	1290.4	1280.9	1267.6	1254.4	1233.6	1233.6
52.5°	729.5	934.2	1121.7	1150.2	1191.9	1205.1	1190.0	1176.7	1153.9	1144.5	1136.9
55°	676.5	837.5	1006.2	1063.0	1106.6	1123.6	1095.2	1081.9	1047.9	1042.2	1038.4
57.5°	665.1	697.4	900.1	972.1	1025.1	1023.2	1006.2	981.5	953.1	947.4	945.6
60°	610.1	504.0	786.4	871.7	926.6	920.9	905.7	883.0	856.5	852.7	848.9
62.5°	553.3	365.7	657.5	754.1	831.9	830.0	816.7	782.5	763.6	754.1	746.6
65°	470.0	306.9	468.1	627.2	739.0	742.8	714.4	689.7	668.9	657.5	655.7
67.5°	358.1	250.1	316.4	522.9	649.9	646.2	610.1	598.8	572.3	566.5	555.2
70°	265.2	166.8	219.8	424.5	562.8	553.3	524.9	511.7	487.0	473.7	466.1
72.5°	219.8	134.5	161.0	329.7	473.7	462.3	437.7	422.5	401.7	390.3	382.8
75°	178.1	142.1	123.2	244.4	384.7	377.1	354.4	339.2	322.1	306.9	308.9
77.5°	130.7	132.6	98.5	180.1	305.0	293.7	280.5	261.5	253.9	238.8	238.8
80°	98.5	104.2	73.9	123.2	219.8	219.8	208.5	195.2	181.9	174.3	174.3
82.5°	66.4	66.4	55.0	77.6	149.7	144.0	136.4	132.6	125.1	121.2	121.2
85°	30.3	37.9	34.1	47.3	81.5	85.3	85.3	81.5	79.6	75.8	77.6
87.5°	9.5	17.0	20.8	26.5	41.7	43.6	45.5	45.5	45.5	47.3	47.3
90°	4.4	7.9	11.6	12.4	19.5	29.0	33.8	30.0	22.6	16.9	16.9
92.5°	17.8	48.0	78.2	85.8	120.6	167.0	190.3	166.8	119.7	84.4	81.1
95°	42.6	98.0	153.3	167.1	296.8	469.8	556.2	496.4	376.5	286.8	276.6
97.5°	73.8	122.6	171.3	183.6	399.9	688.2	832.4	794.5	718.9	662.1	642.7
100°	97.8	142.1	186.4	197.5	437.4	757.3	917.3	920.0	925.6	929.7	906.7
102.5°	118.3	159.6	200.9	211.2	454.6	779.0	941.3	989.5	1085.9	1158.2	1138.4
105°	153.0	188.0	223.0	231.7	467.3	781.5	938.6	1046.6	1262.8	1425.0	1414.4
107.5°	188.6	221.2	253.8	261.9	469.7	746.7	885.2	1036.0	1337.6	1563.8	1566.3
110°	212.6	242.0	271.4	278.7	466.0	715.9	840.8	1009.4	1346.5	1599.3	1610.4



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	236.1	264.1	292.2	299.2	466.2	688.9	800.3	972.8	1317.8	1576.6	1593.6
115°	271.7	297.6	323.4	329.9	470.5	658.1	751.9	918.0	1250.4	1499.7	1523.2
117.5°	306.7	330.3	353.8	359.7	479.3	638.7	718.5	868.5	1168.5	1393.5	1419.6
120°	327.2	349.4	371.5	377.0	486.4	632.2	705.2	842.2	1116.3	1321.8	1347.3
122.5°	347.3	369.6	391.9	397.5	496.6	628.9	695.0	818.3	1065.1	1250.2	1275.3
125°	377.9	398.3	418.6	423.7	510.4	626.0	683.9	788.7	998.4	1155.6	1178.6
127.5°	402.8	423.4	443.9	449.0	524.2	624.4	674.5	764.5	944.5	1079.5	1099.0
130°	416.1	438.3	460.4	466.0	534.3	625.4	671.0	751.1	911.3	1031.5	1049.5
132.5°	429.9	452.1	474.2	479.7	542.4	626.0	667.8	739.5	883.0	990.6	1006.7
135°	450.4	470.5	490.7	495.8	551.3	625.4	662.5	722.5	842.7	932.8	946.6
137.5°	471.3	491.2	511.2	516.2	564.6	629.3	661.6	712.4	813.9	890.1	901.5
140°	488.6	507.0	525.4	530.0	572.9	629.9	658.4	702.3	790.1	855.9	866.5
142.5°	502.0	519.0	536.0	540.2	579.6	632.1	658.4	697.0	774.0	831.9	841.1
145°	522.5	537.3	552.0	555.7	588.5	632.2	654.0	685.6	748.6	795.8	802.7
147.5°	542.8	557.3	571.7	575.3	601.5	636.5	654.0	678.8	728.4	765.6	771.4
150°	556.2	569.2	582.3	585.6	608.4	638.8	654.0	675.0	716.9	748.3	753.0
152.5°	570.0	579.9	589.8	592.3	612.8	640.3	654.0	671.9	707.7	734.5	738.1
155°	590.4	597.7	605.1	606.9	622.6	643.5	654.0	668.3	696.8	718.1	720.4
157.5°	605.6	612.7	619.8	621.6	632.4	646.9	654.0	665.1	687.2	703.9	705.5
160°	615.8	621.3	626.9	628.2	636.8	648.3	654.0	663.5	682.4	696.7	697.6
162.5°	626.0	630.2	634.3	635.4	641.6	649.9	654.0	662.1	678.0	690.1	690.9
165°	637.1	640.9	644.7	645.6	648.4	652.1	654.0	659.8	671.2	679.9	680.8
167.5°	647.3	649.2	650.9	651.4	653.7	656.9	658.4	662.2	669.7	675.4	675.7
170°	654.0	655.9	657.6	658.1	658.1	658.3	658.4	662.2	669.7	675.4	675.4
172.5°	657.6	658.0	658.3	658.4	658.4	658.4	658.4	661.4	667.3	671.8	671.4
175°	662.5	662.5	662.5	662.5	661.1	659.3	658.4	660.3	664.1	666.9	666.9
177.5°	662.5	662.5	662.5	662.5	661.4	660.1	659.4	660.9	663.9	666.1	665.7
180°	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2054.0	2048.4	2054.0	2050.3	2052.2	2046.4	2029.4	2023.7	2029.4	2035.1	2035.1
5°	2078.7	2074.8	2078.7	2078.7	2076.8	2072.9	2054.0	2050.3	2054.0	2055.9	2052.2
7.5°	2086.2	2080.6	2086.2	2082.5	2082.5	2078.7	2059.7	2055.9	2057.8	2063.5	2057.8
10°	2086.2	2080.6	2086.2	2084.3	2082.5	2078.7	2059.7	2052.2	2052.2	2057.8	2052.2
12.5°	2076.8	2072.9	2076.8	2072.9	2072.9	2069.2	2050.3	2042.6	2044.5	2046.4	2038.9
15°	2061.6	2055.9	2061.6	2057.8	2059.7	2054.0	2033.2	2025.6	2025.6	2029.4	2016.1
17.5°	2038.9	2031.3	2038.9	2037.0	2035.1	2031.3	2012.3	2004.8	2002.8	2004.8	1995.3
20°	2012.3	2006.7	2012.3	2010.5	2010.5	2002.8	1983.9	1974.4	1974.4	1974.4	1965.0
22.5°	1970.6	1965.0	1970.6	1974.4	1974.4	1972.5	1955.5	1942.2	1938.5	1938.5	1927.1
25°	1923.3	1917.6	1923.3	1923.3	1921.4	1923.3	1917.6	1910.0	1904.4	1898.6	1887.2
27.5°	1877.8	1874.0	1877.8	1874.0	1877.8	1872.1	1870.2	1868.3	1860.8	1855.1	1839.9
30°	1832.4	1828.5	1832.4	1828.5	1824.8	1821.0	1811.5	1807.7	1815.2	1811.5	1786.8
32.5°	1775.5	1771.7	1775.5	1775.5	1771.7	1771.7	1756.5	1750.9	1752.7	1764.1	1741.4
35°	1716.7	1711.0	1716.7	1714.8	1716.7	1711.0	1701.5	1699.7	1692.1	1705.4	1688.3
37.5°	1648.6	1642.8	1648.6	1648.6	1648.6	1652.3	1644.7	1639.0	1627.7	1644.7	1631.5
40°	1578.4	1570.8	1578.4	1576.6	1578.4	1582.2	1578.4	1574.7	1563.3	1576.6	1565.2
42.5°	1498.8	1496.9	1498.8	1500.7	1500.7	1508.3	1514.0	1506.4	1502.7	1493.2	1500.7
45°	1413.5	1409.8	1413.5	1417.4	1419.3	1423.0	1440.1	1440.1	1434.4	1419.3	1430.7
47.5°	1322.6	1313.1	1322.6	1334.0	1334.0	1339.6	1356.7	1369.9	1360.5	1341.5	1347.3
50°	1225.9	1227.8	1225.9	1233.6	1233.6	1254.4	1267.6	1280.9	1290.4	1267.6	1241.1
52.5°	1131.3	1129.4	1131.3	1136.9	1144.5	1153.9	1176.7	1190.0	1205.1	1191.9	1150.2
55°	1036.5	1040.2	1036.5	1038.4	1042.2	1047.9	1081.9	1095.2	1123.6	1106.6	1063.0
57.5°	941.8	936.0	941.8	945.6	947.4	953.1	981.5	1006.2	1023.2	1025.1	972.1
60°	831.9	824.2	831.9	848.9	852.7	856.5	883.0	905.7	920.9	926.6	871.7
62.5°	735.2	721.9	735.2	746.6	754.1	763.6	782.5	816.7	830.0	831.9	754.1
65°	632.9	627.2	632.9	655.7	657.5	668.9	689.7	714.4	742.8	739.0	627.2
67.5°	540.1	540.1	540.1	555.2	566.5	572.3	598.8	610.1	646.2	649.9	522.9
70°	454.8	452.9	454.8	466.1	473.7	487.0	511.7	524.9	553.3	562.8	424.5
72.5°	373.3	371.4	373.3	382.8	390.3	401.7	422.5	437.7	462.3	473.7	329.7
75°	301.3	297.5	301.3	308.9	306.9	322.1	339.2	354.4	377.1	384.7	244.4
77.5°	231.2	231.2	231.2	238.8	238.8	253.9	261.5	280.5	293.7	305.0	180.1
80°	172.4	170.6	172.4	174.3	174.3	181.9	195.2	208.5	219.8	219.8	123.2
82.5°	121.2	117.5	121.2	121.2	121.2	125.1	132.6	136.4	144.0	149.7	77.6
85°	75.8	75.8	75.8	77.6	75.8	79.6	81.5	85.3	85.3	81.5	47.3
87.5°	49.2	47.3	49.2	47.3	47.3	45.5	45.5	45.5	43.6	41.7	26.5
90°	16.9	16.9	16.9	16.9	16.9	22.6	30.0	33.8	29.0	19.5	12.4
92.5°	67.6	54.2	67.6	81.1	84.4	119.7	166.8	190.3	167.0	120.6	85.8
95°	235.9	195.2	235.9	276.6	286.8	376.5	496.4	556.2	469.8	296.8	167.1
97.5°	565.2	487.8	565.2	642.7	662.1	718.9	794.5	832.4	688.2	399.9	183.6
100°	814.3	722.0	814.3	906.7	929.7	925.6	920.0	917.3	757.3	437.4	197.5
102.5°	1059.5	980.4	1059.5	1138.4	1158.2	1085.9	989.5	941.3	779.0	454.6	211.2
105°	1371.9	1329.4	1371.9	1414.4	1425.0	1262.8	1046.6	938.6	781.5	467.3	231.7
107.5°	1576.6	1586.8	1576.6	1566.3	1563.8	1337.6	1036.0	885.2	746.7	469.7	261.9
110°	1654.6	1698.9	1654.6	1610.4	1599.3	1346.5	1009.4	840.8	715.9	466.0	278.7





TEST NUMBER: P934842

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1661.6	1729.6	1661.6	1593.6	1576.6	1317.8	972.8	800.3	688.9	466.2	299.2
115°	1617.5	1711.8	1617.5	1523.2	1499.7	1250.4	918.0	751.9	658.1	470.5	329.9
117.5°	1524.1	1628.6	1524.1	1419.6	1393.5	1168.5	868.5	718.5	638.7	479.3	359.7
120°	1448.8	1550.4	1448.8	1347.3	1321.8	1116.3	842.2	705.2	632.2	486.4	377.0
122.5°	1375.5	1475.7	1375.5	1275.3	1250.2	1065.1	818.3	695.0	628.9	496.6	397.5
125°	1271.0	1363.2	1271.0	1178.6	1155.6	998.4	788.7	683.9	626.0	510.4	423.7
127.5°	1176.9	1254.7	1176.9	1099.0	1079.5	944.5	764.5	674.5	624.4	524.2	449.0
130°	1121.4	1193.3	1121.4	1049.5	1031.5	911.3	751.1	671.0	625.4	534.3	466.0
132.5°	1071.1	1135.6	1071.1	1006.7	990.6	883.0	739.5	667.8	626.0	542.4	479.7
135°	1002.2	1057.7	1002.2	946.6	932.8	842.7	722.5	662.5	625.4	551.3	495.8
137.5°	946.9	992.4	946.9	901.5	890.1	813.9	712.4	661.6	629.3	564.6	516.2
140°	909.1	951.5	909.1	866.5	855.9	790.1	702.3	658.4	629.9	572.9	530.0
142.5°	877.6	914.1	877.6	841.1	831.9	774.0	697.0	658.4	632.1	579.6	540.2
145°	830.5	858.1	830.5	802.7	795.8	748.6	685.6	654.0	632.2	588.5	555.7
147.5°	794.2	817.2	794.2	771.4	765.6	728.4	678.8	654.0	636.5	601.5	575.3
150°	771.6	790.1	771.6	753.0	748.3	716.9	675.0	654.0	638.8	608.4	585.6
152.5°	752.0	766.1	752.0	738.1	734.5	707.7	671.9	654.0	640.3	612.8	592.3
155°	729.7	738.9	729.7	720.4	718.1	696.8	668.3	654.0	643.5	622.6	606.9
157.5°	712.0	718.5	712.0	705.5	703.9	687.2	665.1	654.0	646.9	632.4	621.6
160°	701.4	705.2	701.4	697.6	696.7	682.4	663.5	654.0	648.3	636.8	628.2
162.5°	694.5	698.0	694.5	690.9	690.1	678.0	662.1	654.0	649.9	641.6	635.4
165°	684.5	688.3	684.5	680.8	679.9	671.2	659.8	654.0	652.1	648.4	645.6
167.5°	677.4	678.9	677.4	675.7	675.4	669.7	662.2	658.4	656.9	653.7	651.4
170°	675.4	675.4	675.4	675.4	675.4	669.7	662.2	658.4	658.3	658.1	658.1
172.5°	670.1	668.7	670.1	671.4	671.8	667.3	661.4	658.4	658.4	658.4	658.4
175°	666.9	666.9	666.9	666.9	666.9	664.1	660.3	658.4	659.3	661.1	662.5
177.5°	664.1	662.5	664.1	665.7	666.1	663.9	660.9	659.4	660.1	661.4	662.5
180°	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5



TEST NUMBER: P934842

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2031.3	2020.0	2020.0	2000.9	1993.4	1987.7	1978.3	1949.8	1942.2	1934.7	1946.0
5°	2048.4	2027.5	2012.3	1978.3	1949.8	1938.5	1902.4	1834.3	1788.8	1754.6	1735.7
7.5°	2052.2	2025.6	1997.2	1944.1	1876.0	1845.5	1735.7	1610.6	1576.6	1546.2	1527.2
10°	2048.4	2018.0	1978.3	1898.6	1737.6	1684.5	1574.7	1493.2	1472.3	1466.6	1472.3
12.5°	2035.1	2006.7	1951.7	1819.1	1593.6	1557.5	1493.2	1445.8	1442.0	1451.5	1502.7
15°	2012.3	1985.8	1921.4	1712.9	1514.0	1487.5	1442.0	1424.9	1445.8	1512.1	1665.6
17.5°	1989.6	1959.2	1879.7	1608.7	1453.3	1434.4	1402.2	1436.3	1553.8	1642.8	1694.0
20°	1959.2	1923.3	1832.4	1533.0	1409.8	1392.7	1377.6	1531.1	1620.1	1652.3	1680.7
22.5°	1923.3	1885.4	1767.9	1479.9	1364.3	1351.0	1360.5	1584.1	1620.1	1642.8	1667.5
25°	1876.0	1843.7	1692.1	1438.2	1328.3	1313.1	1349.2	1578.4	1599.2	1605.0	1654.2
27.5°	1832.4	1790.7	1612.5	1400.3	1284.7	1279.0	1358.7	1553.8	1568.9	1574.7	1627.7
30°	1779.3	1716.7	1523.5	1360.5	1239.2	1237.3	1360.5	1523.5	1519.7	1534.9	1587.9
32.5°	1724.3	1606.9	1423.0	1311.2	1195.6	1193.8	1347.3	1478.0	1474.2	1495.0	1534.9
35°	1673.1	1521.6	1286.7	1254.4	1140.7	1142.6	1315.1	1424.9	1426.8	1445.8	1470.4
37.5°	1620.1	1447.7	1136.9	1191.9	1087.7	1087.7	1271.4	1375.7	1371.9	1377.6	1411.6
40°	1557.5	1332.1	1004.3	1110.4	1038.4	1032.7	1218.4	1322.6	1309.3	1307.5	1354.8
42.5°	1491.3	1205.1	905.7	1002.4	981.5	974.0	1153.9	1258.2	1233.6	1239.2	1299.8
45°	1419.3	1171.0	830.0	847.0	922.8	917.1	1083.8	1184.2	1167.2	1182.4	1245.0
47.5°	1347.3	1102.8	805.3	703.0	860.3	858.4	1006.2	1112.2	1102.8	1118.0	1184.2
50°	1248.7	1027.0	803.4	602.6	790.2	797.8	913.4	1042.2	1042.2	1055.4	1125.5
52.5°	1121.7	934.2	729.5	545.7	708.6	731.4	831.9	981.5	985.4	998.6	1061.1
55°	1006.2	837.5	676.5	502.1	612.1	661.3	752.2	919.0	926.6	939.8	996.7
57.5°	900.1	697.4	665.1	450.9	522.9	570.4	682.1	858.4	862.2	873.6	928.5
60°	786.4	504.0	610.1	396.1	445.3	481.3	617.7	786.4	799.7	807.2	854.5
62.5°	657.5	365.7	553.3	358.1	407.4	415.0	564.6	718.2	735.2	740.9	769.4
65°	468.1	306.9	470.0	325.9	367.6	369.5	507.8	648.0	663.2	672.7	693.5
67.5°	316.4	250.1	358.1	295.6	337.2	339.2	452.9	566.5	587.4	594.9	608.2
70°	219.8	166.8	265.2	263.4	303.2	306.9	394.1	492.6	511.7	517.3	524.9
72.5°	161.0	134.5	219.8	236.8	267.2	271.0	333.5	409.3	428.3	433.9	437.7
75°	123.2	142.1	178.1	206.5	227.4	229.3	272.9	333.5	346.7	350.5	352.5
77.5°	98.5	132.6	130.7	166.8	185.7	181.9	214.1	257.7	269.1	269.1	269.1
80°	73.9	104.2	98.5	119.3	136.4	132.6	153.5	183.8	187.6	191.3	189.5
82.5°	55.0	66.4	66.4	75.8	90.9	87.2	102.3	119.3	119.3	119.3	123.2
85°	34.1	37.9	30.3	39.8	51.2	49.2	56.9	64.4	66.4	66.4	62.5
87.5°	20.8	17.0	9.5	15.2	22.8	22.8	26.5	28.4	26.5	26.5	26.5
90°	11.6	7.9	4.4	7.9	11.6	12.4	19.5	29.0	33.8	30.0	22.6
92.5°	78.2	48.0	17.8	48.0	78.2	85.8	120.6	167.0	190.3	166.8	119.7
95°	153.3	98.0	42.6	98.0	153.3	167.1	296.8	469.8	556.2	496.4	376.5
97.5°	171.3	122.6	73.8	122.6	171.3	183.6	399.9	688.2	832.4	794.5	718.9
100°	186.4	142.1	97.8	142.1	186.4	197.5	437.4	757.3	917.3	920.0	925.6
102.5°	200.9	159.6	118.3	159.6	200.9	211.2	454.6	779.0	941.3	989.5	1085.9
105°	223.0	188.0	153.0	188.0	223.0	231.7	467.3	781.5	938.6	1046.6	1262.8
107.5°	253.8	221.2	188.6	221.2	253.8	261.9	469.7	746.7	885.2	1036.0	1337.6
110°	271.4	242.0	212.6	242.0	271.4	278.7	466.0	715.9	840.8	1009.4	1346.5



TEST NUMBER: P934842

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	292.2	264.1	236.1	264.1	292.2	299.2	466.2	688.9	800.3	972.8	1317.8
115°	323.4	297.6	271.7	297.6	323.4	329.9	470.5	658.1	751.9	918.0	1250.4
117.5°	353.8	330.3	306.7	330.3	353.8	359.7	479.3	638.7	718.5	868.5	1168.5
120°	371.5	349.4	327.2	349.4	371.5	377.0	486.4	632.2	705.2	842.2	1116.3
122.5°	391.9	369.6	347.3	369.6	391.9	397.5	496.6	628.9	695.0	818.3	1065.1
125°	418.6	398.3	377.9	398.3	418.6	423.7	510.4	626.0	683.9	788.7	998.4
127.5°	443.9	423.4	402.8	423.4	443.9	449.0	524.2	624.4	674.5	764.5	944.5
130°	460.4	438.3	416.1	438.3	460.4	466.0	534.3	625.4	671.0	751.1	911.3
132.5°	474.2	452.1	429.9	452.1	474.2	479.7	542.4	626.0	667.8	739.5	883.0
135°	490.7	470.5	450.4	470.5	490.7	495.8	551.3	625.4	662.5	722.5	842.7
137.5°	511.2	491.2	471.3	491.2	511.2	516.2	564.6	629.3	661.6	712.4	813.9
140°	525.4	507.0	488.6	507.0	525.4	530.0	572.9	629.9	658.4	702.3	790.1
142.5°	536.0	519.0	502.0	519.0	536.0	540.2	579.6	632.1	658.4	697.0	774.0
145°	552.0	537.3	522.5	537.3	552.0	555.7	588.5	632.2	654.0	685.6	748.6
147.5°	571.7	557.3	542.8	557.3	571.7	575.3	601.5	636.5	654.0	678.8	728.4
150°	582.3	569.2	556.2	569.2	582.3	585.6	608.4	638.8	654.0	675.0	716.9
152.5°	589.8	579.9	570.0	579.9	589.8	592.3	612.8	640.3	654.0	671.9	707.7
155°	605.1	597.7	590.4	597.7	605.1	606.9	622.6	643.5	654.0	668.3	696.8
157.5°	619.8	612.7	605.6	612.7	619.8	621.6	632.4	646.9	654.0	665.1	687.2
160°	626.9	621.3	615.8	621.3	626.9	628.2	636.8	648.3	654.0	663.5	682.4
162.5°	634.3	630.2	626.0	630.2	634.3	635.4	641.6	649.9	654.0	662.1	678.0
165°	644.7	640.9	637.1	640.9	644.7	645.6	648.4	652.1	654.0	659.8	671.2
167.5°	650.9	649.2	647.3	649.2	650.9	651.4	653.7	656.9	658.4	662.2	669.7
170°	657.6	655.9	654.0	655.9	657.6	658.1	658.1	658.3	658.4	662.2	669.7
172.5°	658.3	658.0	657.6	658.0	658.3	658.4	658.4	658.4	658.4	661.4	667.3
175°	662.5	662.5	662.5	662.5	662.5	662.5	661.1	659.3	658.4	660.3	664.1
177.5°	662.5	662.5	662.5	662.5	662.5	662.5	661.4	660.1	659.4	660.9	663.9
180°	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5



TEST NUMBER: P934842

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1932.8	1927.1	1934.7	1913.8	1934.7	1927.1	1932.8	1946.0	1934.7	1942.2	1949.8
5°	1695.9	1686.4	1656.1	1631.5	1656.1	1686.4	1695.9	1735.7	1754.6	1788.8	1834.3
7.5°	1515.9	1508.3	1500.7	1485.5	1500.7	1508.3	1515.9	1527.2	1546.2	1576.6	1610.6
10°	1476.1	1478.0	1489.4	1487.5	1489.4	1478.0	1476.1	1472.3	1466.6	1472.3	1493.2
12.5°	1578.4	1595.5	1658.0	1654.2	1658.0	1595.5	1578.4	1502.7	1451.5	1442.0	1445.8
15°	1695.9	1701.5	1714.8	1716.7	1714.8	1701.5	1695.9	1665.6	1512.1	1445.8	1424.9
17.5°	1707.3	1709.2	1718.7	1718.7	1718.7	1709.2	1707.3	1694.0	1642.8	1553.8	1436.3
20°	1697.8	1701.5	1720.6	1724.3	1720.6	1701.5	1697.8	1680.7	1652.3	1620.1	1531.1
22.5°	1694.0	1701.5	1716.7	1714.8	1716.7	1701.5	1694.0	1667.5	1642.8	1620.1	1584.1
25°	1675.1	1675.1	1677.0	1678.9	1677.0	1675.1	1675.1	1654.2	1605.0	1599.2	1578.4
27.5°	1635.3	1639.0	1650.4	1648.6	1650.4	1639.0	1635.3	1627.7	1574.7	1568.9	1553.8
30°	1599.2	1595.5	1586.0	1578.4	1586.0	1595.5	1599.2	1587.9	1534.9	1519.7	1523.5
32.5°	1538.6	1529.1	1519.7	1514.0	1519.7	1529.1	1538.6	1534.9	1495.0	1474.2	1478.0
35°	1466.6	1468.5	1466.6	1461.0	1466.6	1468.5	1466.6	1470.4	1445.8	1426.8	1424.9
37.5°	1415.5	1419.3	1417.4	1409.8	1417.4	1419.3	1415.5	1411.6	1377.6	1371.9	1375.7
40°	1362.4	1364.3	1362.4	1356.7	1362.4	1364.3	1362.4	1354.8	1307.5	1309.3	1322.6
42.5°	1311.2	1309.3	1303.7	1299.8	1303.7	1309.3	1311.2	1299.8	1239.2	1233.6	1258.2
45°	1252.5	1254.4	1243.1	1237.3	1243.1	1254.4	1252.5	1245.0	1182.4	1167.2	1184.2
47.5°	1193.8	1193.8	1184.2	1178.6	1184.2	1193.8	1193.8	1184.2	1118.0	1102.8	1112.2
50°	1131.3	1129.4	1116.1	1114.2	1116.1	1129.4	1131.3	1125.5	1055.4	1042.2	1042.2
52.5°	1059.3	1059.3	1061.1	1064.9	1061.1	1059.3	1059.3	1061.1	998.6	985.4	981.5
55°	996.7	998.6	1011.8	1015.7	1011.8	998.6	996.7	996.7	939.8	926.6	919.0
57.5°	932.3	932.3	941.8	941.8	941.8	932.3	932.3	928.5	873.6	862.2	858.4
60°	858.4	862.2	869.8	867.8	869.8	862.2	858.4	854.5	807.2	799.7	786.4
62.5°	780.6	784.5	786.4	782.5	786.4	784.5	780.6	769.4	740.9	735.2	718.2
65°	699.2	703.0	704.9	701.1	704.9	703.0	699.2	693.5	672.7	663.2	648.0
67.5°	615.8	614.0	612.1	619.6	612.1	614.0	615.8	608.2	594.9	587.4	566.5
70°	530.6	530.6	528.7	532.4	528.7	530.6	530.6	524.9	517.3	511.7	492.6
72.5°	439.6	437.7	445.3	439.6	445.3	437.7	439.6	437.7	433.9	428.3	409.3
75°	350.5	354.4	350.5	356.3	350.5	354.4	350.5	352.5	350.5	346.7	333.5
77.5°	267.2	271.0	267.2	267.2	267.2	271.0	267.2	269.1	269.1	269.1	257.7
80°	189.5	187.6	187.6	185.7	187.6	187.6	189.5	189.5	191.3	187.6	183.8
82.5°	121.2	119.3	119.3	123.2	119.3	119.3	121.2	123.2	119.3	119.3	119.3
85°	66.4	68.2	64.4	64.4	64.4	68.2	66.4	62.5	66.4	66.4	64.4
87.5°	24.7	22.8	22.8	22.8	22.8	22.8	24.7	26.5	26.5	26.5	28.4
90°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	22.6	30.0	33.8	29.0
92.5°	84.4	81.1	67.6	54.2	67.6	81.1	84.4	119.7	166.8	190.3	167.0
95°	286.8	276.6	235.9	195.2	235.9	276.6	286.8	376.5	496.4	556.2	469.8
97.5°	662.1	642.7	565.2	487.8	565.2	642.7	662.1	718.9	794.5	832.4	688.2
100°	929.7	906.7	814.3	722.0	814.3	906.7	929.7	925.6	920.0	917.3	757.3
102.5°	1158.2	1138.4	1059.5	980.4	1059.5	1138.4	1158.2	1085.9	989.5	941.3	779.0
105°	1425.0	1414.4	1371.9	1329.4	1371.9	1414.4	1425.0	1262.8	1046.6	938.6	781.5
107.5°	1563.8	1566.3	1576.6	1586.8	1576.6	1566.3	1563.8	1337.6	1036.0	885.2	746.7
110°	1599.3	1610.4	1654.6	1698.9	1654.6	1610.4	1599.3	1346.5	1009.4	840.8	715.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1576.6	1593.6	1661.6	1729.6	1661.6	1593.6	1576.6	1317.8	972.8	800.3	688.9
115°	1499.7	1523.2	1617.5	1711.8	1617.5	1523.2	1499.7	1250.4	918.0	751.9	658.1
117.5°	1393.5	1419.6	1524.1	1628.6	1524.1	1419.6	1393.5	1168.5	868.5	718.5	638.7
120°	1321.8	1347.3	1448.8	1550.4	1448.8	1347.3	1321.8	1116.3	842.2	705.2	632.2
122.5°	1250.2	1275.3	1375.5	1475.7	1375.5	1275.3	1250.2	1065.1	818.3	695.0	628.9
125°	1155.6	1178.6	1271.0	1363.2	1271.0	1178.6	1155.6	998.4	788.7	683.9	626.0
127.5°	1079.5	1099.0	1176.9	1254.7	1176.9	1099.0	1079.5	944.5	764.5	674.5	624.4
130°	1031.5	1049.5	1121.4	1193.3	1121.4	1049.5	1031.5	911.3	751.1	671.0	625.4
132.5°	990.6	1006.7	1071.1	1135.6	1071.1	1006.7	990.6	883.0	739.5	667.8	626.0
135°	932.8	946.6	1002.2	1057.7	1002.2	946.6	932.8	842.7	722.5	662.5	625.4
137.5°	890.1	901.5	946.9	992.4	946.9	901.5	890.1	813.9	712.4	661.6	629.3
140°	855.9	866.5	909.1	951.5	909.1	866.5	855.9	790.1	702.3	658.4	629.9
142.5°	831.9	841.1	877.6	914.1	877.6	841.1	831.9	774.0	697.0	658.4	632.1
145°	795.8	802.7	830.5	858.1	830.5	802.7	795.8	748.6	685.6	654.0	632.2
147.5°	765.6	771.4	794.2	817.2	794.2	771.4	765.6	728.4	678.8	654.0	636.5
150°	748.3	753.0	771.6	790.1	771.6	753.0	748.3	716.9	675.0	654.0	638.8
152.5°	734.5	738.1	752.0	766.1	752.0	738.1	734.5	707.7	671.9	654.0	640.3
155°	718.1	720.4	729.7	738.9	729.7	720.4	718.1	696.8	668.3	654.0	643.5
157.5°	703.9	705.5	712.0	718.5	712.0	705.5	703.9	687.2	665.1	654.0	646.9
160°	696.7	697.6	701.4	705.2	701.4	697.6	696.7	682.4	663.5	654.0	648.3
162.5°	690.1	690.9	694.5	698.0	694.5	690.9	690.1	678.0	662.1	654.0	649.9
165°	679.9	680.8	684.5	688.3	684.5	680.8	679.9	671.2	659.8	654.0	652.1
167.5°	675.4	675.7	677.4	678.9	677.4	675.7	675.4	669.7	662.2	658.4	656.9
170°	675.4	675.4	675.4	675.4	675.4	675.4	675.4	669.7	662.2	658.4	658.3
172.5°	671.8	671.4	670.1	668.7	670.1	671.4	671.8	667.3	661.4	658.4	658.4
175°	666.9	666.9	666.9	666.9	666.9	666.9	666.9	664.1	660.3	658.4	659.3
177.5°	666.1	665.7	664.1	662.5	664.1	665.7	666.1	663.9	660.9	659.4	660.1
180°	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5	662.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1978.3	1987.7	1993.4	2000.9	2020.0
5°	1902.4	1938.5	1949.8	1978.3	2012.3
7.5°	1735.7	1845.5	1876.0	1944.1	1997.2
10°	1574.7	1684.5	1737.6	1898.6	1978.3
12.5°	1493.2	1557.5	1593.6	1819.1	1951.7
15°	1442.0	1487.5	1514.0	1712.9	1921.4
17.5°	1402.2	1434.4	1453.3	1608.7	1879.7
20°	1377.6	1392.7	1409.8	1533.0	1832.4
22.5°	1360.5	1351.0	1364.3	1479.9	1767.9
25°	1349.2	1313.1	1328.3	1438.2	1692.1
27.5°	1358.7	1279.0	1284.7	1400.3	1612.5
30°	1360.5	1237.3	1239.2	1360.5	1523.5
32.5°	1347.3	1193.8	1195.6	1311.2	1423.0
35°	1315.1	1142.6	1140.7	1254.4	1286.7
37.5°	1271.4	1087.7	1087.7	1191.9	1136.9
40°	1218.4	1032.7	1038.4	1110.4	1004.3
42.5°	1153.9	974.0	981.5	1002.4	905.7
45°	1083.8	917.1	922.8	847.0	830.0
47.5°	1006.2	858.4	860.3	703.0	805.3
50°	913.4	797.8	790.2	602.6	803.4
52.5°	831.9	731.4	708.6	545.7	729.5
55°	752.2	661.3	612.1	502.1	676.5
57.5°	682.1	570.4	522.9	450.9	665.1
60°	617.7	481.3	445.3	396.1	610.1
62.5°	564.6	415.0	407.4	358.1	553.3
65°	507.8	369.5	367.6	325.9	470.0
67.5°	452.9	339.2	337.2	295.6	358.1
70°	394.1	306.9	303.2	263.4	265.2
72.5°	333.5	271.0	267.2	236.8	219.8
75°	272.9	229.3	227.4	206.5	178.1
77.5°	214.1	181.9	185.7	166.8	130.7
80°	153.5	132.6	136.4	119.3	98.5
82.5°	102.3	87.2	90.9	75.8	66.4
85°	56.9	49.2	51.2	39.8	30.3
87.5°	26.5	22.8	22.8	15.2	9.5
90°	19.5	12.4	11.6	7.9	4.4
92.5°	120.6	85.8	78.2	48.0	17.8
95°	296.8	167.1	153.3	98.0	42.6
97.5°	399.9	183.6	171.3	122.6	73.8
100°	437.4	197.5	186.4	142.1	97.8
102.5°	454.6	211.2	200.9	159.6	118.3
105°	467.3	231.7	223.0	188.0	153.0
107.5°	469.7	261.9	253.8	221.2	188.6
110°	466.0	278.7	271.4	242.0	212.6



TEST NUMBER: P934842

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	466.2	299.2	292.2	264.1	236.1
115°	470.5	329.9	323.4	297.6	271.7
117.5°	479.3	359.7	353.8	330.3	306.7
120°	486.4	377.0	371.5	349.4	327.2
122.5°	496.6	397.5	391.9	369.6	347.3
125°	510.4	423.7	418.6	398.3	377.9
127.5°	524.2	449.0	443.9	423.4	402.8
130°	534.3	466.0	460.4	438.3	416.1
132.5°	542.4	479.7	474.2	452.1	429.9
135°	551.3	495.8	490.7	470.5	450.4
137.5°	564.6	516.2	511.2	491.2	471.3
140°	572.9	530.0	525.4	507.0	488.6
142.5°	579.6	540.2	536.0	519.0	502.0
145°	588.5	555.7	552.0	537.3	522.5
147.5°	601.5	575.3	571.7	557.3	542.8
150°	608.4	585.6	582.3	569.2	556.2
152.5°	612.8	592.3	589.8	579.9	570.0
155°	622.6	606.9	605.1	597.7	590.4
157.5°	632.4	621.6	619.8	612.7	605.6
160°	636.8	628.2	626.9	621.3	615.8
162.5°	641.6	635.4	634.3	630.2	626.0
165°	648.4	645.6	644.7	640.9	637.1
167.5°	653.7	651.4	650.9	649.2	647.3
170°	658.1	658.1	657.6	655.9	654.0
172.5°	658.4	658.4	658.3	658.0	657.6
175°	661.1	662.5	662.5	662.5	662.5
177.5°	661.4	662.5	662.5	662.5	662.5
180°	662.5	662.5	662.5	662.5	662.5



TEST NUMBER: P934842  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.98	14.88	14.89	15.81	17.02	16.80	17.71	17.71	18.64	19.84
	3H	14.46	15.27	15.38	16.21	17.44	18.15	18.96	19.07	19.90	21.13
	4H	14.65	15.42	15.59	16.36	17.60	18.59	19.36	19.53	20.31	21.54
	6H	14.77	15.48	15.72	16.43	17.68	18.88	19.59	19.83	20.54	21.79
	8H	14.77	15.45	15.73	16.42	17.66	18.95	19.63	19.91	20.60	21.84
	12H	14.75	15.39	15.71	16.35	17.62	18.99	19.63	19.96	20.60	21.87
4H	2H	15.01	15.78	15.96	16.73	17.96	17.21	17.98	18.16	18.93	20.17
	3H	16.04	16.68	17.00	17.66	18.91	18.72	19.36	19.68	20.34	21.59
	4H	16.32	16.90	17.29	17.88	19.15	19.25	19.84	20.22	20.81	22.08
	6H	16.45	16.95	17.43	17.95	19.22	19.62	20.12	20.60	21.12	22.39
	8H	16.46	16.93	17.44	17.91	19.20	19.72	20.19	20.71	21.18	22.47
	12H	16.42	16.85	17.43	17.85	19.15	19.78	20.21	20.78	21.21	22.51
8H	4H	16.78	17.25	17.76	18.24	19.52	19.38	19.85	20.36	20.84	22.13
	6H	17.04	17.43	18.05	18.46	19.75	19.82	20.21	20.82	21.24	22.52
	8H	17.08	17.43	18.10	18.45	19.75	19.97	20.31	20.98	21.33	22.63
	12H	17.07	17.37	18.09	18.38	19.73	20.07	20.37	21.09	21.38	22.73
12H	4H	16.79	17.21	17.79	18.22	19.51	19.35	19.77	20.35	20.78	22.07
	6H	17.10	17.44	18.12	18.46	19.77	19.81	20.16	20.83	21.18	22.48
	8H	17.17	17.47	18.19	18.48	19.83	19.98	20.28	21.00	21.29	22.64