

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: P934767

Luminaire Tested: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934767
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

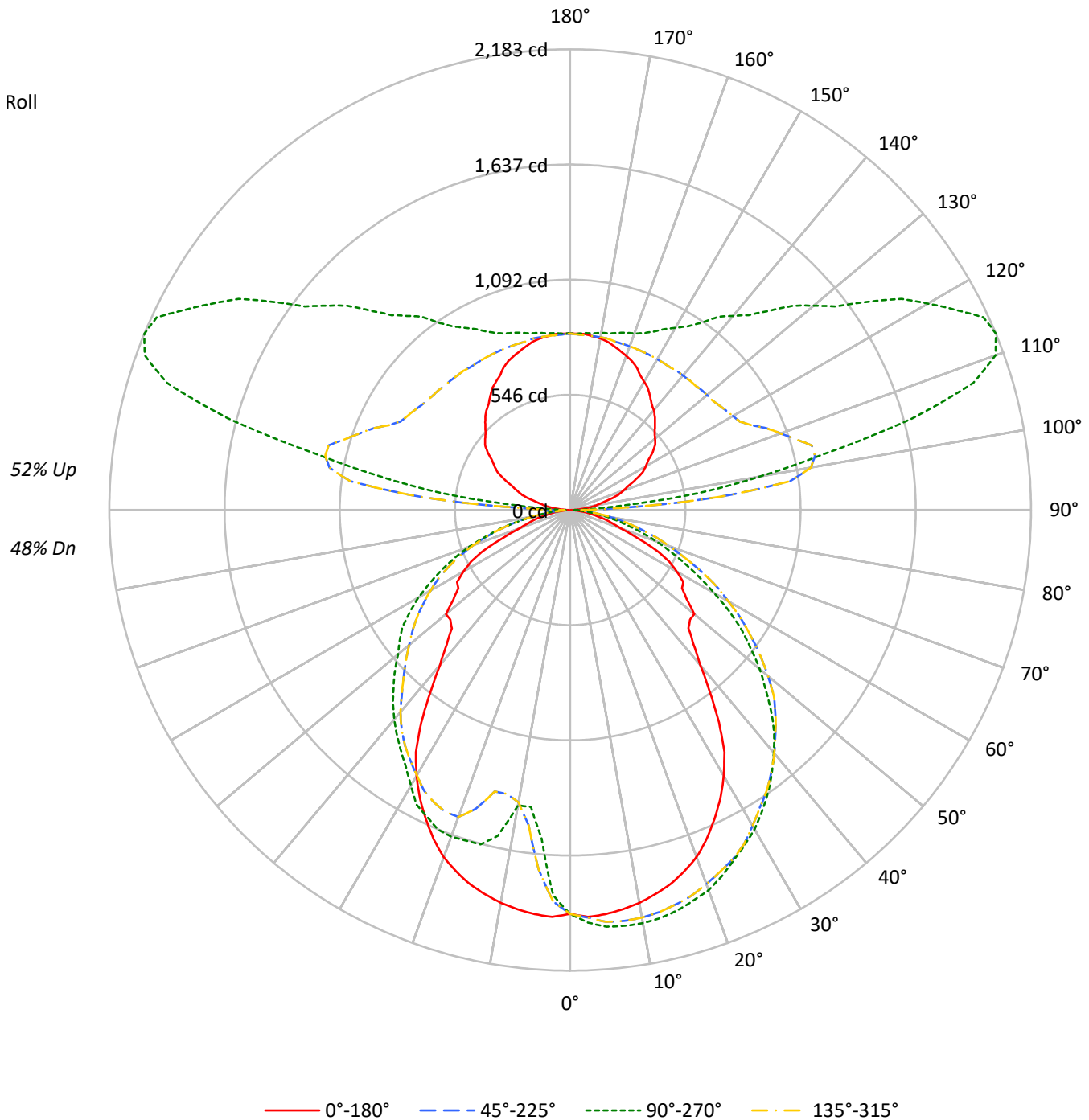
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10384.9 lumens
Efficiency: N/A
Efficacy: 122.5 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): 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





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8877	8877	8877	8877
5°	8944	8961	8944	7046
10°	8884	8827	8884	6311
15°	8787	8636	8787	7212
20°	8604	8410	8604	7226
25°	8227	8079	8227	7073
30°	7741	7805	7741	6737
35°	6901	7458	6901	6368
40°	5751	7049	5751	6088
45°	5138	6571	5138	5767
50°	5459	6001	5459	5446
55°	5136	5387	5136	5259
60°	5294	4575	5294	4817
65°	4801	3782	4801	4227
70°	3323	3014	3323	3544
75°	2915	2228	2915	2667
80°	2348	1473	2348	1604
85°	1351	780	1351	664

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7875 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.7	1.7
10°-20°	490.4	4.7
20°-30°	758.1	7.3
30°-40°	905.0	8.7
40°-50°	910.3	8.8
50°-60°	792.1	7.6
60°-70°	561.6	5.4
70°-80°	297.1	2.9
80°-90°	77.2	0.7
90°-100°	407.6	3.9
100°-110°	1071.6	10.3
110°-120°	1111.1	10.7
120°-130°	891.2	8.6
130°-140°	699.3	6.7
140°-150°	536.7	5.2
150°-160°	386.5	3.7
160°-170°	236.5	2.3
170°-180°	79.9	0.8
0°-30°	1421.2	13.7
0°-40°	2326.1	22.4
0°-60°	4028.5	38.8
0°-90°	4964.4	47.8
90°-120°	2590.3	24.9
90°-150°	4717.6	45.4
90°-180°	5421.0	52.2
0°-180°	10384.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1913	1913	1913	1913	1913	
5°	1922	1982	1922	1559	1922	182
15°	1836	1964	1836	1640	1836	516
25°	1616	1832	1616	1604	1616	742
35°	1229	1635	1229	1396	1229	760
45°	793	1347	793	1182	793	635
55°	646	994	646	970	646	594
65°	449	599	449	670	449	429
75°	170	284	170	340	170	179
85°	29	72	29	62	29	39
90°	6	21	6	21	6	6
95°	54	246	54	246	54	60
105°	193	1678	193	1678	193	205
115°	343	2160	343	2160	343	339
125°	477	1721	477	1721	477	423
135°	568	1335	568	1335	568	440
145°	659	1083	659	1083	659	413
155°	745	933	745	933	745	342
165°	804	869	804	869	804	227
175°	836	842	836	842	836	79
180°	836	836	836	836	836	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1929.7	1929.7	1940.6	1944.2	1944.2	1938.8	1933.3	1938.8	1955.1	1960.5	1958.7
5°	1922.5	1937.0	1956.9	1960.5	1964.1	1962.3	1958.7	1962.3	1980.4	1984.0	1985.8
7.5°	1908.0	1935.1	1960.5	1965.9	1971.4	1965.9	1964.1	1967.7	1985.8	1989.5	1989.5
10°	1889.9	1927.9	1956.9	1960.5	1965.9	1960.5	1960.5	1967.7	1985.8	1989.5	1991.3
12.5°	1864.5	1917.0	1944.2	1947.8	1955.1	1953.2	1951.4	1958.7	1976.8	1980.4	1980.4
15°	1835.6	1897.1	1922.5	1926.1	1938.8	1935.1	1935.1	1942.4	1962.3	1967.7	1965.9
17.5°	1795.7	1871.8	1900.7	1906.2	1915.2	1913.4	1915.2	1922.5	1940.6	1944.2	1946.0
20°	1750.5	1837.4	1871.8	1877.2	1886.3	1886.3	1886.3	1895.3	1913.4	1920.7	1920.7
22.5°	1688.9	1801.2	1837.4	1841.0	1851.9	1851.9	1855.5	1868.2	1884.5	1886.3	1886.3
25°	1616.5	1761.4	1792.1	1803.0	1813.9	1819.3	1824.7	1832.0	1837.4	1835.6	1837.4
27.5°	1540.5	1710.7	1750.5	1757.7	1772.2	1777.6	1784.9	1786.7	1788.5	1793.9	1790.3
30°	1455.4	1640.1	1699.8	1707.0	1730.6	1734.2	1727.0	1730.6	1739.6	1743.2	1746.9
32.5°	1359.5	1535.1	1647.3	1663.6	1685.3	1674.5	1672.6	1678.1	1692.6	1692.6	1696.2
35°	1229.1	1453.6	1598.4	1612.9	1629.2	1616.5	1623.8	1625.6	1634.6	1640.1	1638.3
37.5°	1086.1	1383.0	1547.7	1558.6	1571.3	1555.0	1565.8	1571.3	1578.5	1574.9	1574.9
40°	959.5	1272.6	1488.0	1495.2	1506.1	1493.4	1504.3	1507.9	1511.5	1507.9	1506.1
42.5°	865.3	1151.3	1424.6	1433.7	1426.4	1435.5	1439.1	1446.4	1440.9	1433.7	1433.7
45°	792.9	1118.7	1355.8	1366.7	1355.8	1370.3	1375.8	1375.8	1359.5	1355.8	1354.0
47.5°	769.4	1053.6	1287.0	1287.0	1281.6	1299.7	1308.8	1296.1	1279.8	1274.4	1274.4
50°	767.6	981.2	1192.9	1185.7	1211.0	1232.7	1223.7	1211.0	1198.3	1178.4	1178.4
52.5°	697.0	892.5	1071.7	1098.8	1138.6	1151.3	1136.8	1124.1	1102.4	1093.3	1086.1
55°	646.3	800.2	961.3	1015.6	1057.2	1073.5	1046.4	1033.7	1001.1	995.7	992.1
57.5°	635.4	666.2	859.9	928.7	979.4	977.6	961.3	937.7	910.6	905.2	903.4
60°	582.9	481.5	751.3	832.7	885.2	879.8	865.3	843.6	818.3	814.6	811.0
62.5°	528.6	349.4	628.2	720.5	794.7	792.9	780.2	747.7	729.6	720.5	713.3
65°	449.0	293.3	447.1	599.2	706.0	709.6	682.5	659.0	639.0	628.2	626.4
67.5°	342.2	239.0	302.3	499.6	620.9	617.3	582.9	572.1	546.7	541.3	530.4
70°	253.4	159.3	210.0	405.5	537.7	528.6	501.5	488.8	465.3	452.6	445.3
72.5°	210.0	128.5	153.9	315.0	452.6	441.7	418.2	403.7	383.8	372.9	365.7
75°	170.2	135.8	117.7	233.5	367.5	360.3	338.5	324.0	307.8	293.3	295.1
77.5°	124.9	126.7	94.1	172.0	291.5	280.6	267.9	249.8	242.6	228.1	228.1
80°	94.1	99.6	70.6	117.7	210.0	210.0	199.1	186.5	173.8	166.5	166.5
82.5°	63.4	63.4	52.5	74.2	143.0	137.6	130.3	126.7	119.5	115.9	115.9
85°	29.0	36.2	32.6	45.3	77.8	81.5	81.5	77.8	76.0	72.4	74.2
87.5°	9.1	16.3	19.9	25.3	39.8	41.6	43.4	43.4	43.4	45.3	45.3
90°	5.6	10.1	14.7	15.7	24.7	36.7	42.6	37.9	28.4	21.4	21.4
92.5°	22.4	60.6	98.8	108.3	152.3	210.9	240.2	210.5	151.2	106.6	102.4
95°	53.9	123.7	193.5	211.0	374.6	592.9	702.0	626.5	475.3	362.0	349.1
97.5°	93.1	154.8	216.4	231.8	504.7	868.6	1050.5	1002.7	907.2	835.6	811.2
100°	123.5	179.3	235.3	249.2	552.1	955.9	1157.7	1161.2	1168.2	1173.5	1144.3
102.5°	149.3	201.4	253.5	266.6	573.7	983.3	1188.0	1248.9	1370.6	1461.9	1436.9
105°	193.1	237.2	281.3	292.4	589.8	986.4	1184.7	1321.1	1593.9	1798.6	1785.2
107.5°	238.0	279.2	320.2	330.6	592.8	942.5	1117.3	1307.6	1688.2	1973.7	1977.0
110°	268.3	305.4	342.5	351.8	588.3	903.5	1061.2	1273.9	1699.4	2018.6	2032.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	298.0	333.4	368.8	377.6	588.4	869.6	1010.2	1227.9	1663.4	1990.0	2011.4
115°	342.9	375.6	408.2	416.4	593.9	830.6	949.0	1158.7	1578.2	1892.9	1922.7
117.5°	387.2	416.9	446.6	454.0	605.0	806.2	906.9	1096.1	1474.8	1758.7	1791.7
120°	413.0	440.9	468.9	475.8	613.9	798.0	890.0	1063.0	1409.0	1668.4	1700.4
122.5°	438.3	466.5	494.7	501.7	626.8	793.6	877.1	1032.9	1344.4	1578.1	1609.6
125°	477.0	502.7	528.3	534.8	644.2	790.1	863.1	995.4	1260.0	1458.5	1487.6
127.5°	508.4	534.4	560.3	566.8	661.7	788.1	851.3	964.9	1192.1	1362.5	1387.1
130°	525.3	553.1	581.1	588.1	674.3	789.4	846.9	948.0	1150.3	1302.0	1324.7
132.5°	542.6	570.6	598.6	605.6	684.7	790.1	842.9	933.4	1114.5	1250.3	1270.7
135°	568.4	593.9	619.4	625.7	695.9	789.4	836.2	912.0	1063.7	1177.3	1194.9
137.5°	594.9	620.0	645.2	651.5	712.7	794.3	835.0	899.1	1027.4	1123.5	1137.8
140°	616.8	639.9	663.1	668.9	723.0	795.1	831.1	886.5	997.2	1080.3	1093.7
142.5°	633.6	655.1	676.5	681.9	731.6	798.0	831.1	879.7	977.0	1050.0	1061.5
145°	659.4	678.1	696.8	701.5	742.9	798.0	825.5	865.3	944.9	1004.5	1013.2
147.5°	685.2	703.4	721.7	726.2	759.3	803.4	825.5	856.8	919.4	966.3	973.6
150°	702.0	718.5	735.0	739.1	767.8	806.3	825.5	851.9	904.8	944.4	950.3
152.5°	719.4	731.9	744.4	747.5	773.5	808.1	825.5	848.0	893.2	927.1	931.5
155°	745.2	754.5	763.7	766.0	785.9	812.3	825.5	843.4	879.4	906.3	909.2
157.5°	764.3	773.3	782.2	784.5	798.2	816.4	825.5	839.4	867.4	888.3	890.4
160°	777.3	784.2	791.2	792.9	803.8	818.3	825.5	837.5	861.4	879.4	880.5
162.5°	790.1	795.4	800.6	802.0	809.8	820.3	825.5	835.6	855.8	870.9	872.0
165°	804.1	808.9	813.6	814.8	818.4	823.2	825.5	832.7	847.2	858.1	859.3
167.5°	817.1	819.4	821.6	822.2	825.1	829.1	831.1	835.8	845.3	852.5	852.9
170°	825.5	827.8	830.0	830.6	830.8	831.0	831.1	835.8	845.3	852.5	852.5
172.5°	830.0	830.5	831.0	831.1	831.1	831.1	831.1	834.8	842.3	848.0	847.5
175°	836.2	836.2	836.2	836.2	834.5	832.2	831.1	833.5	838.3	841.8	841.8
177.5°	836.2	836.2	836.2	836.2	834.8	833.1	832.2	834.1	837.8	840.6	840.2
180°	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1962.3	1956.9	1962.3	1958.7	1960.5	1955.1	1938.8	1933.3	1938.8	1944.2	1944.2
5°	1985.8	1982.2	1985.8	1985.8	1984.0	1980.4	1962.3	1958.7	1962.3	1964.1	1960.5
7.5°	1993.1	1987.6	1993.1	1989.5	1989.5	1985.8	1967.7	1964.1	1965.9	1971.4	1965.9
10°	1993.1	1987.6	1993.1	1991.3	1989.5	1985.8	1967.7	1960.5	1960.5	1965.9	1960.5
12.5°	1984.0	1980.4	1984.0	1980.4	1980.4	1976.8	1958.7	1951.4	1953.2	1955.1	1947.8
15°	1969.5	1964.1	1969.5	1965.9	1967.7	1962.3	1942.4	1935.1	1935.1	1938.8	1926.1
17.5°	1947.8	1940.6	1947.8	1946.0	1944.2	1940.6	1922.5	1915.2	1913.4	1915.2	1906.2
20°	1922.5	1917.0	1922.5	1920.7	1920.7	1913.4	1895.3	1886.3	1886.3	1886.3	1877.2
22.5°	1882.6	1877.2	1882.6	1886.3	1886.3	1884.5	1868.2	1855.5	1851.9	1851.9	1841.0
25°	1837.4	1832.0	1837.4	1837.4	1835.6	1837.4	1832.0	1824.7	1819.3	1813.9	1803.0
27.5°	1793.9	1790.3	1793.9	1790.3	1793.9	1788.5	1786.7	1784.9	1777.6	1772.2	1757.7
30°	1750.5	1746.9	1750.5	1746.9	1743.2	1739.6	1730.6	1727.0	1734.2	1730.6	1707.0
32.5°	1696.2	1692.6	1696.2	1696.2	1692.6	1692.6	1678.1	1672.6	1674.5	1685.3	1663.6
35°	1640.1	1634.6	1640.1	1638.3	1640.1	1634.6	1625.6	1623.8	1616.5	1629.2	1612.9
37.5°	1574.9	1569.5	1574.9	1574.9	1574.9	1578.5	1571.3	1565.8	1555.0	1571.3	1558.6
40°	1507.9	1500.7	1507.9	1506.1	1507.9	1511.5	1507.9	1504.3	1493.4	1506.1	1495.2
42.5°	1431.9	1430.1	1431.9	1433.7	1433.7	1440.9	1446.4	1439.1	1435.5	1426.4	1433.7
45°	1350.4	1346.8	1350.4	1354.0	1355.8	1359.5	1375.8	1375.8	1370.3	1355.8	1366.7
47.5°	1263.5	1254.5	1263.5	1274.4	1274.4	1279.8	1296.1	1308.8	1299.7	1281.6	1287.0
50°	1171.2	1173.0	1171.2	1178.4	1178.4	1198.3	1211.0	1223.7	1232.7	1211.0	1185.7
52.5°	1080.7	1079.0	1080.7	1086.1	1093.3	1102.4	1124.1	1136.8	1151.3	1138.6	1098.8
55°	990.2	993.9	990.2	992.1	995.7	1001.1	1033.7	1046.4	1073.5	1057.2	1015.6
57.5°	899.7	894.3	899.7	903.4	905.2	910.6	937.7	961.3	977.6	979.4	928.7
60°	794.7	787.5	794.7	811.0	814.6	818.3	843.6	865.3	879.8	885.2	832.7
62.5°	702.4	689.7	702.4	713.3	720.5	729.6	747.7	780.2	792.9	794.7	720.5
65°	604.6	599.2	604.6	626.4	628.2	639.0	659.0	682.5	709.6	706.0	599.2
67.5°	515.9	515.9	515.9	530.4	541.3	546.7	572.1	582.9	617.3	620.9	499.6
70°	434.5	432.7	434.5	445.3	452.6	465.3	488.8	501.5	528.6	537.7	405.5
72.5°	356.6	354.8	356.6	365.7	372.9	383.8	403.7	418.2	441.7	452.6	315.0
75°	287.8	284.2	287.8	295.1	293.3	307.8	324.0	338.5	360.3	367.5	233.5
77.5°	220.9	220.9	220.9	228.1	228.1	242.6	249.8	267.9	280.6	291.5	172.0
80°	164.7	162.9	164.7	166.5	166.5	173.8	186.5	199.1	210.0	210.0	117.7
82.5°	115.9	112.2	115.9	115.9	115.9	119.5	126.7	130.3	137.6	143.0	74.2
85°	72.4	72.4	72.4	74.2	72.4	76.0	77.8	81.5	81.5	77.8	45.3
87.5°	47.1	45.3	47.1	45.3	45.3	43.4	43.4	43.4	41.6	39.8	25.3
90°	21.4	21.4	21.4	21.4	21.4	28.4	37.9	42.6	36.7	24.7	15.7
92.5°	85.4	68.4	85.4	102.4	106.6	151.2	210.5	240.2	210.9	152.3	108.3
95°	297.8	246.4	297.8	349.1	362.0	475.3	626.5	702.0	592.9	374.6	211.0
97.5°	713.4	615.6	713.4	811.2	835.6	907.2	1002.7	1050.5	868.6	504.7	231.8
100°	1027.9	911.4	1027.9	1144.3	1173.5	1168.2	1161.2	1157.7	955.9	552.1	249.2
102.5°	1337.2	1237.4	1337.2	1436.9	1461.9	1370.6	1248.9	1188.0	983.3	573.7	266.6
105°	1731.5	1677.9	1731.5	1785.2	1798.6	1593.9	1321.1	1184.7	986.4	589.8	292.4
107.5°	1989.9	2002.8	1989.9	1977.0	1973.7	1688.2	1307.6	1117.3	942.5	592.8	330.6
110°	2088.5	2144.3	2088.5	2032.5	2018.6	1699.4	1273.9	1061.2	903.5	588.3	351.8



TEST NUMBER: P934767

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2097.2	2183.0	2097.2	2011.4	1990.0	1663.4	1227.9	1010.2	869.6	588.4	377.6
115°	2041.6	2160.5	2041.6	1922.7	1892.9	1578.2	1158.7	949.0	830.6	593.9	416.4
117.5°	1923.6	2055.6	1923.6	1791.7	1758.7	1474.8	1096.1	906.9	806.2	605.0	454.0
120°	1828.7	1956.9	1828.7	1700.4	1668.4	1409.0	1063.0	890.0	798.0	613.9	475.8
122.5°	1736.1	1862.5	1736.1	1609.6	1578.1	1344.4	1032.9	877.1	793.6	626.8	501.7
125°	1604.1	1720.6	1604.1	1487.6	1458.5	1260.0	995.4	863.1	790.1	644.2	534.8
127.5°	1485.4	1583.7	1485.4	1387.1	1362.5	1192.1	964.9	851.3	788.1	661.7	566.8
130°	1415.4	1506.2	1415.4	1324.7	1302.0	1150.3	948.0	846.9	789.4	674.3	588.1
132.5°	1351.9	1433.2	1351.9	1270.7	1250.3	1114.5	933.4	842.9	790.1	684.7	605.6
135°	1265.0	1335.0	1265.0	1194.9	1177.3	1063.7	912.0	836.2	789.4	695.9	625.7
137.5°	1195.2	1252.6	1195.2	1137.8	1123.5	1027.4	899.1	835.0	794.3	712.7	651.5
140°	1147.4	1201.0	1147.4	1093.7	1080.3	997.2	886.5	831.1	795.1	723.0	668.9
142.5°	1107.6	1153.8	1107.6	1061.5	1050.0	977.0	879.7	831.1	798.0	731.6	681.9
145°	1048.2	1083.1	1048.2	1013.2	1004.5	944.9	865.3	825.5	798.0	742.9	701.5
147.5°	1002.5	1031.4	1002.5	973.6	966.3	919.4	856.8	825.5	803.4	759.3	726.2
150°	973.8	997.2	973.8	950.3	944.4	904.8	851.9	825.5	806.3	767.8	739.1
152.5°	949.2	966.9	949.2	931.5	927.1	893.2	848.0	825.5	808.1	773.5	747.5
155°	921.0	932.7	921.0	909.2	906.3	879.4	843.4	825.5	812.3	785.9	766.0
157.5°	898.6	906.9	898.6	890.4	888.3	867.4	839.4	825.5	816.4	798.2	784.5
160°	885.3	890.0	885.3	880.5	879.4	861.4	837.5	825.5	818.3	803.8	792.9
162.5°	876.6	881.1	876.6	872.0	870.9	855.8	835.6	825.5	820.3	809.8	802.0
165°	864.0	868.7	864.0	859.3	858.1	847.2	832.7	825.5	823.2	818.4	814.8
167.5°	854.9	856.9	854.9	852.9	852.5	845.3	835.8	831.1	829.1	825.1	822.2
170°	852.5	852.5	852.5	852.5	852.5	845.3	835.8	831.1	831.0	830.8	830.6
172.5°	845.8	844.1	845.8	847.5	848.0	842.3	834.8	831.1	831.1	831.1	831.1
175°	841.8	841.8	841.8	841.8	841.8	838.3	833.5	831.1	832.2	834.5	836.2
177.5°	838.2	836.2	838.2	840.2	840.6	837.8	834.1	832.2	833.1	834.8	836.2
180°	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2



TEST NUMBER: P934767

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1940.6	1929.7	1929.7	1911.6	1904.4	1898.9	1889.9	1862.7	1855.5	1848.2	1859.1
5°	1956.9	1937.0	1922.5	1889.9	1862.7	1851.9	1817.5	1752.3	1708.9	1676.3	1658.2
7.5°	1960.5	1935.1	1908.0	1857.3	1792.1	1763.2	1658.2	1538.7	1506.1	1477.1	1459.0
10°	1956.9	1927.9	1889.9	1813.9	1660.0	1609.3	1504.3	1426.4	1406.5	1401.1	1406.5
12.5°	1944.2	1917.0	1864.5	1737.8	1522.4	1488.0	1426.4	1381.2	1377.6	1386.6	1435.5
15°	1922.5	1897.1	1835.6	1636.4	1446.4	1421.0	1377.6	1361.3	1381.2	1444.5	1591.2
17.5°	1900.7	1871.8	1795.7	1536.9	1388.4	1370.3	1339.5	1372.1	1484.4	1569.5	1618.3
20°	1871.8	1837.4	1750.5	1464.5	1346.8	1330.5	1316.0	1462.6	1547.7	1578.5	1605.7
22.5°	1837.4	1801.2	1688.9	1413.8	1303.3	1290.7	1299.7	1513.3	1547.7	1569.5	1593.0
25°	1792.1	1761.4	1616.5	1373.9	1268.9	1254.5	1288.9	1507.9	1527.8	1533.3	1580.3
27.5°	1750.5	1710.7	1540.5	1337.7	1227.3	1221.9	1297.9	1484.4	1498.9	1504.3	1555.0
30°	1699.8	1640.1	1455.4	1299.7	1183.9	1182.0	1299.7	1455.4	1451.8	1466.3	1517.0
32.5°	1647.3	1535.1	1359.5	1252.7	1142.2	1140.4	1287.0	1412.0	1408.3	1428.3	1466.3
35°	1598.4	1453.6	1229.1	1198.3	1089.7	1091.5	1256.3	1361.3	1363.1	1381.2	1404.7
37.5°	1547.7	1383.0	1086.1	1138.6	1039.1	1039.1	1214.6	1314.2	1310.6	1316.0	1348.6
40°	1488.0	1272.6	959.5	1060.8	992.1	986.6	1163.9	1263.5	1250.8	1249.0	1294.3
42.5°	1424.6	1151.3	865.3	957.7	937.7	930.5	1102.4	1202.0	1178.4	1183.9	1241.8
45°	1355.8	1118.7	792.9	809.2	881.6	876.2	1035.5	1131.4	1115.1	1129.6	1189.3
47.5°	1287.0	1053.6	769.4	671.6	821.9	820.1	961.3	1062.7	1053.6	1068.1	1131.4
50°	1192.9	981.2	767.6	575.7	754.9	762.1	872.6	995.7	995.7	1008.3	1075.3
52.5°	1071.7	892.5	697.0	521.4	677.1	698.8	794.7	937.7	941.4	954.0	1013.8
55°	961.3	800.2	646.3	479.7	584.7	631.8	718.7	878.0	885.2	897.9	952.2
57.5°	859.9	666.2	635.4	430.9	499.6	544.9	651.7	820.1	823.7	834.6	887.1
60°	751.3	481.5	582.9	378.4	425.4	459.8	590.2	751.3	764.0	771.2	816.5
62.5°	628.2	349.4	528.6	342.2	389.2	396.5	539.5	686.1	702.4	707.8	735.0
65°	447.1	293.3	449.0	311.4	351.2	353.0	485.2	619.1	633.6	642.7	662.6
67.5°	302.3	239.0	342.2	282.4	322.2	324.0	432.7	541.3	561.2	568.4	581.1
70°	210.0	159.3	253.4	251.6	289.7	293.3	376.5	470.7	488.8	494.2	501.5
72.5°	153.9	128.5	210.0	226.3	255.3	258.9	318.6	391.0	409.1	414.6	418.2
75°	117.7	135.8	170.2	197.3	217.2	219.0	260.7	318.6	331.3	334.9	336.7
77.5°	94.1	126.7	124.9	159.3	177.4	173.8	204.6	246.2	257.1	257.1	257.1
80°	70.6	99.6	94.1	114.1	130.3	126.7	146.6	175.6	179.2	182.8	181.0
82.5°	52.5	63.4	63.4	72.4	86.9	83.3	97.8	114.1	114.1	114.1	117.7
85°	32.6	36.2	29.0	38.0	48.9	47.1	54.3	61.6	63.4	63.4	59.7
87.5°	19.9	16.3	9.1	14.5	21.7	21.7	25.3	27.2	25.3	25.3	25.3
90°	14.7	10.1	5.6	10.1	14.7	15.7	24.7	36.7	42.6	37.9	28.4
92.5°	98.8	60.6	22.4	60.6	98.8	108.3	152.3	210.9	240.2	210.5	151.2
95°	193.5	123.7	53.9	123.7	193.5	211.0	374.6	592.9	702.0	626.5	475.3
97.5°	216.4	154.8	93.1	154.8	216.4	231.8	504.7	868.6	1050.5	1002.7	907.2
100°	235.3	179.3	123.5	179.3	235.3	249.2	552.1	955.9	1157.7	1161.2	1168.2
102.5°	253.5	201.4	149.3	201.4	253.5	266.6	573.7	983.3	1188.0	1248.9	1370.6
105°	281.3	237.2	193.1	237.2	281.3	292.4	589.8	986.4	1184.7	1321.1	1593.9
107.5°	320.2	279.2	238.0	279.2	320.2	330.6	592.8	942.5	1117.3	1307.6	1688.2
110°	342.5	305.4	268.3	305.4	342.5	351.8	588.3	903.5	1061.2	1273.9	1699.4



TEST NUMBER: P934767

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	368.8	333.4	298.0	333.4	368.8	377.6	588.4	869.6	1010.2	1227.9	1663.4
115°	408.2	375.6	342.9	375.6	408.2	416.4	593.9	830.6	949.0	1158.7	1578.2
117.5°	446.6	416.9	387.2	416.9	446.6	454.0	605.0	806.2	906.9	1096.1	1474.8
120°	468.9	440.9	413.0	440.9	468.9	475.8	613.9	798.0	890.0	1063.0	1409.0
122.5°	494.7	466.5	438.3	466.5	494.7	501.7	626.8	793.6	877.1	1032.9	1344.4
125°	528.3	502.7	477.0	502.7	528.3	534.8	644.2	790.1	863.1	995.4	1260.0
127.5°	560.3	534.4	508.4	534.4	560.3	566.8	661.7	788.1	851.3	964.9	1192.1
130°	581.1	553.1	525.3	553.1	581.1	588.1	674.3	789.4	846.9	948.0	1150.3
132.5°	598.6	570.6	542.6	570.6	598.6	605.6	684.7	790.1	842.9	933.4	1114.5
135°	619.4	593.9	568.4	593.9	619.4	625.7	695.9	789.4	836.2	912.0	1063.7
137.5°	645.2	620.0	594.9	620.0	645.2	651.5	712.7	794.3	835.0	899.1	1027.4
140°	663.1	639.9	616.8	639.9	663.1	668.9	723.0	795.1	831.1	886.5	997.2
142.5°	676.5	655.1	633.6	655.1	676.5	681.9	731.6	798.0	831.1	879.7	977.0
145°	696.8	678.1	659.4	678.1	696.8	701.5	742.9	798.0	825.5	865.3	944.9
147.5°	721.7	703.4	685.2	703.4	721.7	726.2	759.3	803.4	825.5	856.8	919.4
150°	735.0	718.5	702.0	718.5	735.0	739.1	767.8	806.3	825.5	851.9	904.8
152.5°	744.4	731.9	719.4	731.9	744.4	747.5	773.5	808.1	825.5	848.0	893.2
155°	763.7	754.5	745.2	754.5	763.7	766.0	785.9	812.3	825.5	843.4	879.4
157.5°	782.2	773.3	764.3	773.3	782.2	784.5	798.2	816.4	825.5	839.4	867.4
160°	791.2	784.2	777.3	784.2	791.2	792.9	803.8	818.3	825.5	837.5	861.4
162.5°	800.6	795.4	790.1	795.4	800.6	802.0	809.8	820.3	825.5	835.6	855.8
165°	813.6	808.9	804.1	808.9	813.6	814.8	818.4	823.2	825.5	832.7	847.2
167.5°	821.6	819.4	817.1	819.4	821.6	822.2	825.1	829.1	831.1	835.8	845.3
170°	830.0	827.8	825.5	827.8	830.0	830.6	830.8	831.0	831.1	835.8	845.3
172.5°	831.0	830.5	830.0	830.5	831.0	831.1	831.1	831.1	831.1	834.8	842.3
175°	836.2	836.2	836.2	836.2	836.2	836.2	834.5	832.2	831.1	833.5	838.3
177.5°	836.2	836.2	836.2	836.2	836.2	836.2	834.8	833.1	832.2	834.1	837.8
180°	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2



TEST NUMBER: P934767

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1846.4	1841.0	1848.2	1828.3	1848.2	1841.0	1846.4	1859.1	1848.2	1855.5	1862.7
5°	1620.1	1611.1	1582.1	1558.6	1582.1	1611.1	1620.1	1658.2	1676.3	1708.9	1752.3
7.5°	1448.2	1440.9	1433.7	1419.2	1433.7	1440.9	1448.2	1459.0	1477.1	1506.1	1538.7
10°	1410.2	1412.0	1422.8	1421.0	1422.8	1412.0	1410.2	1406.5	1401.1	1406.5	1426.4
12.5°	1507.9	1524.2	1583.9	1580.3	1583.9	1524.2	1507.9	1435.5	1386.6	1377.6	1381.2
15°	1620.1	1625.6	1638.3	1640.1	1638.3	1625.6	1620.1	1591.2	1444.5	1381.2	1361.3
17.5°	1631.0	1632.8	1641.9	1641.9	1641.9	1632.8	1631.0	1618.3	1569.5	1484.4	1372.1
20°	1622.0	1625.6	1643.7	1647.3	1643.7	1625.6	1622.0	1605.7	1578.5	1547.7	1462.6
22.5°	1618.3	1625.6	1640.1	1638.3	1640.1	1625.6	1618.3	1593.0	1569.5	1547.7	1513.3
25°	1600.2	1600.2	1602.0	1603.9	1602.0	1600.2	1600.2	1580.3	1533.3	1527.8	1507.9
27.5°	1562.2	1565.8	1576.7	1574.9	1576.7	1565.8	1562.2	1555.0	1504.3	1498.9	1484.4
30°	1527.8	1524.2	1515.1	1507.9	1515.1	1524.2	1527.8	1517.0	1466.3	1451.8	1455.4
32.5°	1469.9	1460.8	1451.8	1446.4	1451.8	1460.8	1469.9	1466.3	1428.3	1408.3	1412.0
35°	1401.1	1402.9	1401.1	1395.7	1401.1	1402.9	1401.1	1404.7	1381.2	1363.1	1361.3
37.5°	1352.2	1355.8	1354.0	1346.8	1354.0	1355.8	1352.2	1348.6	1316.0	1310.6	1314.2
40°	1301.5	1303.3	1301.5	1296.1	1301.5	1303.3	1301.5	1294.3	1249.0	1250.8	1263.5
42.5°	1252.7	1250.8	1245.4	1241.8	1245.4	1250.8	1252.7	1241.8	1183.9	1178.4	1202.0
45°	1196.5	1198.3	1187.5	1182.0	1187.5	1198.3	1196.5	1189.3	1129.6	1115.1	1131.4
47.5°	1140.4	1140.4	1131.4	1125.9	1131.4	1140.4	1140.4	1131.4	1068.1	1053.6	1062.7
50°	1080.7	1079.0	1066.3	1064.5	1066.3	1079.0	1080.7	1075.3	1008.3	995.7	995.7
52.5°	1012.0	1012.0	1013.8	1017.4	1013.8	1012.0	1012.0	1013.8	954.0	941.4	937.7
55°	952.2	954.0	966.7	970.3	966.7	954.0	952.2	952.2	897.9	885.2	878.0
57.5°	890.7	890.7	899.7	899.7	899.7	890.7	890.7	887.1	834.6	823.7	820.1
60°	820.1	823.7	830.9	829.1	830.9	823.7	820.1	816.5	771.2	764.0	751.3
62.5°	745.9	749.5	751.3	747.7	751.3	749.5	745.9	735.0	707.8	702.4	686.1
65°	668.0	671.6	673.4	669.8	673.4	671.6	668.0	662.6	642.7	633.6	619.1
67.5°	588.4	586.5	584.7	592.0	584.7	586.5	588.4	581.1	568.4	561.2	541.3
70°	506.9	506.9	505.1	508.7	505.1	506.9	506.9	501.5	494.2	488.8	470.7
72.5°	420.0	418.2	425.4	420.0	425.4	418.2	420.0	418.2	414.6	409.1	391.0
75°	334.9	338.5	334.9	340.3	334.9	338.5	334.9	336.7	334.9	331.3	318.6
77.5°	255.3	258.9	255.3	255.3	255.3	258.9	255.3	257.1	257.1	257.1	246.2
80°	181.0	179.2	179.2	177.4	179.2	179.2	181.0	181.0	182.8	179.2	175.6
82.5°	115.9	114.1	114.1	117.7	114.1	114.1	115.9	117.7	114.1	114.1	114.1
85°	63.4	65.2	61.6	61.6	61.6	65.2	63.4	59.7	63.4	63.4	61.6
87.5°	23.5	21.7	21.7	21.7	21.7	21.7	23.5	25.3	25.3	25.3	27.2
90°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	28.4	37.9	42.6	36.7
92.5°	106.6	102.4	85.4	68.4	85.4	102.4	106.6	151.2	210.5	240.2	210.9
95°	362.0	349.1	297.8	246.4	297.8	349.1	362.0	475.3	626.5	702.0	592.9
97.5°	835.6	811.2	713.4	615.6	713.4	811.2	835.6	907.2	1002.7	1050.5	868.6
100°	1173.5	1144.3	1027.9	911.4	1027.9	1144.3	1173.5	1168.2	1161.2	1157.7	955.9
102.5°	1461.9	1436.9	1337.2	1237.4	1337.2	1436.9	1461.9	1370.6	1248.9	1188.0	983.3
105°	1798.6	1785.2	1731.5	1677.9	1731.5	1785.2	1798.6	1593.9	1321.1	1184.7	986.4
107.5°	1973.7	1977.0	1989.9	2002.8	1989.9	1977.0	1973.7	1688.2	1307.6	1117.3	942.5
110°	2018.6	2032.5	2088.5	2144.3	2088.5	2032.5	2018.6	1699.4	1273.9	1061.2	903.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1990.0	2011.4	2097.2	2183.0	2097.2	2011.4	1990.0	1663.4	1227.9	1010.2	869.6
115°	1892.9	1922.7	2041.6	2160.5	2041.6	1922.7	1892.9	1578.2	1158.7	949.0	830.6
117.5°	1758.7	1791.7	1923.6	2055.6	1923.6	1791.7	1758.7	1474.8	1096.1	906.9	806.2
120°	1668.4	1700.4	1828.7	1956.9	1828.7	1700.4	1668.4	1409.0	1063.0	890.0	798.0
122.5°	1578.1	1609.6	1736.1	1862.5	1736.1	1609.6	1578.1	1344.4	1032.9	877.1	793.6
125°	1458.5	1487.6	1604.1	1720.6	1604.1	1487.6	1458.5	1260.0	995.4	863.1	790.1
127.5°	1362.5	1387.1	1485.4	1583.7	1485.4	1387.1	1362.5	1192.1	964.9	851.3	788.1
130°	1302.0	1324.7	1415.4	1506.2	1415.4	1324.7	1302.0	1150.3	948.0	846.9	789.4
132.5°	1250.3	1270.7	1351.9	1433.2	1351.9	1270.7	1250.3	1114.5	933.4	842.9	790.1
135°	1177.3	1194.9	1265.0	1335.0	1265.0	1194.9	1177.3	1063.7	912.0	836.2	789.4
137.5°	1123.5	1137.8	1195.2	1252.6	1195.2	1137.8	1123.5	1027.4	899.1	835.0	794.3
140°	1080.3	1093.7	1147.4	1201.0	1147.4	1093.7	1080.3	997.2	886.5	831.1	795.1
142.5°	1050.0	1061.5	1107.6	1153.8	1107.6	1061.5	1050.0	977.0	879.7	831.1	798.0
145°	1004.5	1013.2	1048.2	1083.1	1048.2	1013.2	1004.5	944.9	865.3	825.5	798.0
147.5°	966.3	973.6	1002.5	1031.4	1002.5	973.6	966.3	919.4	856.8	825.5	803.4
150°	944.4	950.3	973.8	997.2	973.8	950.3	944.4	904.8	851.9	825.5	806.3
152.5°	927.1	931.5	949.2	966.9	949.2	931.5	927.1	893.2	848.0	825.5	808.1
155°	906.3	909.2	921.0	932.7	921.0	909.2	906.3	879.4	843.4	825.5	812.3
157.5°	888.3	890.4	898.6	906.9	898.6	890.4	888.3	867.4	839.4	825.5	816.4
160°	879.4	880.5	885.3	890.0	885.3	880.5	879.4	861.4	837.5	825.5	818.3
162.5°	870.9	872.0	876.6	881.1	876.6	872.0	870.9	855.8	835.6	825.5	820.3
165°	858.1	859.3	864.0	868.7	864.0	859.3	858.1	847.2	832.7	825.5	823.2
167.5°	852.5	852.9	854.9	856.9	854.9	852.9	852.5	845.3	835.8	831.1	829.1
170°	852.5	852.5	852.5	852.5	852.5	852.5	852.5	845.3	835.8	831.1	831.0
172.5°	848.0	847.5	845.8	844.1	845.8	847.5	848.0	842.3	834.8	831.1	831.1
175°	841.8	841.8	841.8	841.8	841.8	841.8	841.8	838.3	833.5	831.1	832.2
177.5°	840.6	840.2	838.2	836.2	838.2	840.2	840.6	837.8	834.1	832.2	833.1
180°	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2	836.2



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CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1889.9	1898.9	1904.4	1911.6	1929.7
5°	1817.5	1851.9	1862.7	1889.9	1922.5
7.5°	1658.2	1763.2	1792.1	1857.3	1908.0
10°	1504.3	1609.3	1660.0	1813.9	1889.9
12.5°	1426.4	1488.0	1522.4	1737.8	1864.5
15°	1377.6	1421.0	1446.4	1636.4	1835.6
17.5°	1339.5	1370.3	1388.4	1536.9	1795.7
20°	1316.0	1330.5	1346.8	1464.5	1750.5
22.5°	1299.7	1290.7	1303.3	1413.8	1688.9
25°	1288.9	1254.5	1268.9	1373.9	1616.5
27.5°	1297.9	1221.9	1227.3	1337.7	1540.5
30°	1299.7	1182.0	1183.9	1299.7	1455.4
32.5°	1287.0	1140.4	1142.2	1252.7	1359.5
35°	1256.3	1091.5	1089.7	1198.3	1229.1
37.5°	1214.6	1039.1	1039.1	1138.6	1086.1
40°	1163.9	986.6	992.1	1060.8	959.5
42.5°	1102.4	930.5	937.7	957.7	865.3
45°	1035.5	876.2	881.6	809.2	792.9
47.5°	961.3	820.1	821.9	671.6	769.4
50°	872.6	762.1	754.9	575.7	767.6
52.5°	794.7	698.8	677.1	521.4	697.0
55°	718.7	631.8	584.7	479.7	646.3
57.5°	651.7	544.9	499.6	430.9	635.4
60°	590.2	459.8	425.4	378.4	582.9
62.5°	539.5	396.5	389.2	342.2	528.6
65°	485.2	353.0	351.2	311.4	449.0
67.5°	432.7	324.0	322.2	282.4	342.2
70°	376.5	293.3	289.7	251.6	253.4
72.5°	318.6	258.9	255.3	226.3	210.0
75°	260.7	219.0	217.2	197.3	170.2
77.5°	204.6	173.8	177.4	159.3	124.9
80°	146.6	126.7	130.3	114.1	94.1
82.5°	97.8	83.3	86.9	72.4	63.4
85°	54.3	47.1	48.9	38.0	29.0
87.5°	25.3	21.7	21.7	14.5	9.1
90°	24.7	15.7	14.7	10.1	5.6
92.5°	152.3	108.3	98.8	60.6	22.4
95°	374.6	211.0	193.5	123.7	53.9
97.5°	504.7	231.8	216.4	154.8	93.1
100°	552.1	249.2	235.3	179.3	123.5
102.5°	573.7	266.6	253.5	201.4	149.3
105°	589.8	292.4	281.3	237.2	193.1
107.5°	592.8	330.6	320.2	279.2	238.0
110°	588.3	351.8	342.5	305.4	268.3



TEST NUMBER: P934767

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	588.4	377.6	368.8	333.4	298.0
115°	593.9	416.4	408.2	375.6	342.9
117.5°	605.0	454.0	446.6	416.9	387.2
120°	613.9	475.8	468.9	440.9	413.0
122.5°	626.8	501.7	494.7	466.5	438.3
125°	644.2	534.8	528.3	502.7	477.0
127.5°	661.7	566.8	560.3	534.4	508.4
130°	674.3	588.1	581.1	553.1	525.3
132.5°	684.7	605.6	598.6	570.6	542.6
135°	695.9	625.7	619.4	593.9	568.4
137.5°	712.7	651.5	645.2	620.0	594.9
140°	723.0	668.9	663.1	639.9	616.8
142.5°	731.6	681.9	676.5	655.1	633.6
145°	742.9	701.5	696.8	678.1	659.4
147.5°	759.3	726.2	721.7	703.4	685.2
150°	767.8	739.1	735.0	718.5	702.0
152.5°	773.5	747.5	744.4	731.9	719.4
155°	785.9	766.0	763.7	754.5	745.2
157.5°	798.2	784.5	782.2	773.3	764.3
160°	803.8	792.9	791.2	784.2	777.3
162.5°	809.8	802.0	800.6	795.4	790.1
165°	818.4	814.8	813.6	808.9	804.1
167.5°	825.1	822.2	821.6	819.4	817.1
170°	830.8	830.6	830.0	827.8	825.5
172.5°	831.1	831.1	831.0	830.5	830.0
175°	834.5	836.2	836.2	836.2	836.2
177.5°	834.8	836.2	836.2	836.2	836.2
180°	836.2	836.2	836.2	836.2	836.2



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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	12.19	13.03	13.16	14.02	15.32	15.03	15.87	16.00	16.86	18.16
	3H	12.66	13.42	13.65	14.42	15.74	16.37	17.13	17.36	18.12	19.45
	4H	12.85	13.57	13.85	14.57	15.90	16.82	17.53	17.82	18.53	19.86
	6H	12.97	13.63	13.98	14.63	15.98	17.10	17.76	18.11	18.77	20.11
	8H	12.97	13.60	13.99	14.62	15.96	17.18	17.80	18.19	18.83	20.17
	12H	12.94	13.54	13.96	14.55	15.92	17.22	17.81	18.24	18.83	20.19
4H	2H	13.22	13.93	14.23	14.93	16.27	15.43	16.15	16.44	17.15	18.48
	3H	14.24	14.84	15.26	15.87	17.22	16.94	17.53	17.95	18.56	19.91
	4H	14.52	15.06	15.54	16.09	17.46	17.47	18.01	18.49	19.03	20.40
	6H	14.64	15.11	15.68	16.16	17.52	17.83	18.30	18.87	19.35	20.71
	8H	14.65	15.09	15.68	16.13	17.51	17.94	18.38	18.98	19.42	20.80
	12H	14.62	15.01	15.67	16.06	17.45	18.00	18.39	19.05	19.45	20.83
8H	4H	14.97	15.41	16.01	16.45	17.83	17.59	18.03	18.62	19.07	20.45
	6H	15.23	15.60	16.29	16.68	18.05	18.03	18.39	19.09	19.47	20.85
	8H	15.28	15.59	16.34	16.66	18.06	18.18	18.50	19.25	19.56	20.96
	12H	15.26	15.54	16.33	16.60	18.04	18.28	18.56	19.35	19.62	21.06
12H	4H	14.98	15.37	16.03	16.43	17.81	17.55	17.95	18.61	19.00	20.39
	6H	15.29	15.61	16.36	16.68	18.08	18.02	18.34	19.09	19.41	20.80
	8H	15.36	15.64	16.43	16.70	18.14	18.19	18.47	19.26	19.53	20.96