

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: P934768

Luminaire Tested: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934768
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-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

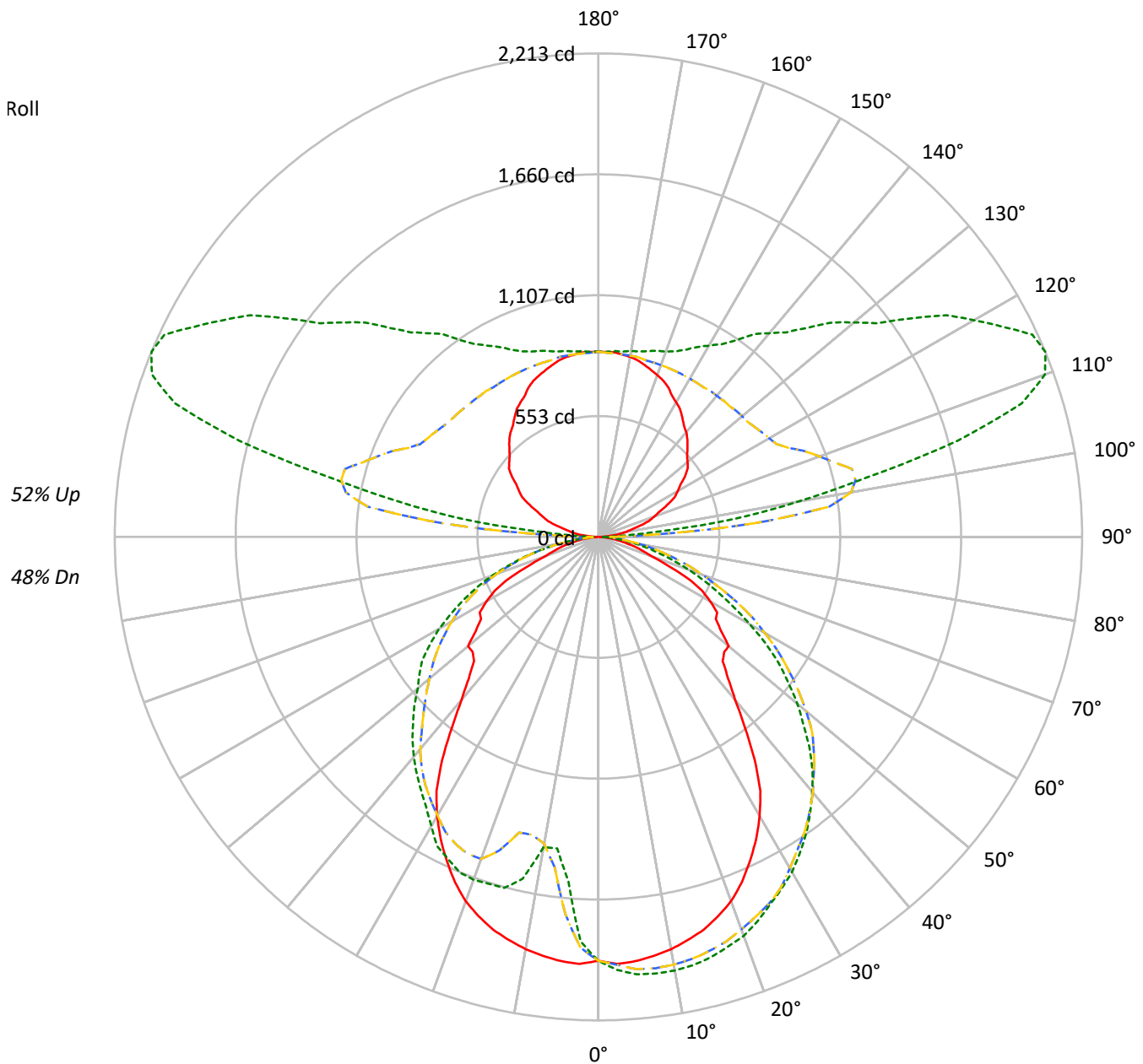
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10528.7 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9000	9000	9000	9000
5°	9068	9086	9068	7144
10°	9007	8950	9007	6398
15°	8909	8756	8909	7311
20°	8723	8526	8723	7326
25°	8341	8191	8341	7171
30°	7849	7913	7849	6830
35°	6997	7561	6997	6456
40°	5831	7147	5831	6172
45°	5210	6662	5210	5847
50°	5535	6084	5535	5521
55°	5207	5461	5207	5332
60°	5368	4638	5368	4883
65°	4867	3834	4867	4286
70°	3371	3056	3371	3592
75°	2954	2259	2954	2705
80°	2380	1493	2380	1626
85°	1369	791	1369	672

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7984 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.1	1.7
10°-20°	497.2	4.7
20°-30°	768.6	7.3
30°-40°	917.5	8.7
40°-50°	922.9	8.8
50°-60°	803.0	7.6
60°-70°	569.4	5.4
70°-80°	301.2	2.9
80°-90°	78.3	0.7
90°-100°	413.2	3.9
100°-110°	1086.4	10.3
110°-120°	1126.5	10.7
120°-130°	903.6	8.6
130°-140°	709.0	6.7
140°-150°	544.2	5.2
150°-160°	391.9	3.7
160°-170°	239.8	2.3
170°-180°	81.0	0.8
0°-30°	1440.9	13.7
0°-40°	2358.3	22.4
0°-60°	4084.3	38.8
0°-90°	5033.1	47.8
90°-120°	2626.1	24.9
90°-150°	4782.9	45.4
90°-180°	5496.0	52.2
0°-180°	10528.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1940	1940	1940	1940	1940	
5°	1949	2010	1949	1580	1949	185
15°	1861	1991	1861	1663	1861	524
25°	1639	1857	1639	1626	1639	753
35°	1246	1657	1246	1415	1246	771
45°	804	1365	804	1198	804	644
55°	655	1008	655	984	655	602
65°	455	608	455	679	455	435
75°	172	288	172	345	172	181
85°	29	73	29	62	29	40
90°	6	22	6	22	6	6
95°	55	250	55	250	55	61
105°	196	1701	196	1701	196	207
115°	348	2190	348	2190	348	343
125°	484	1744	484	1744	484	429
135°	576	1354	576	1354	576	446
145°	668	1098	668	1098	668	419
155°	756	946	756	946	756	347
165°	815	881	815	881	815	230
175°	848	854	848	854	848	80
180°	848	848	848	848	848	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1956.4	1956.4	1967.4	1971.1	1971.1	1965.6	1960.1	1965.6	1982.1	1987.6	1985.8
5°	1949.1	1963.8	1984.0	1987.6	1991.3	1989.5	1985.8	1989.5	2007.8	2011.5	2013.3
7.5°	1934.4	1961.9	1987.6	1993.1	1998.6	1993.1	1991.3	1995.0	2013.3	2017.0	2017.0
10°	1916.1	1954.6	1984.0	1987.6	1993.1	1987.6	1987.6	1995.0	2013.3	2017.0	2018.8
12.5°	1890.4	1943.6	1971.1	1974.8	1982.1	1980.3	1978.5	1985.8	2004.2	2007.8	2007.8
15°	1861.0	1923.4	1949.1	1952.8	1965.6	1961.9	1961.9	1969.3	1989.5	1995.0	1993.1
17.5°	1820.6	1897.7	1927.1	1932.6	1941.8	1939.9	1941.8	1949.1	1967.4	1971.1	1973.0
20°	1774.7	1862.8	1897.7	1903.2	1912.4	1912.4	1912.4	1921.6	1939.9	1947.3	1947.3
22.5°	1712.3	1826.1	1862.8	1866.5	1877.5	1877.5	1881.2	1894.0	1910.5	1912.4	1912.4
25°	1638.9	1785.7	1816.9	1828.0	1839.0	1844.5	1850.0	1857.3	1862.8	1861.0	1862.8
27.5°	1561.8	1734.4	1774.7	1782.1	1796.8	1802.3	1809.6	1811.4	1813.3	1818.8	1815.1
30°	1475.6	1662.8	1723.3	1730.7	1754.5	1758.2	1750.9	1754.5	1763.7	1767.4	1771.1
32.5°	1378.3	1556.3	1670.1	1686.6	1708.7	1697.6	1695.8	1701.3	1716.0	1716.0	1719.7
35°	1246.1	1473.7	1620.6	1635.2	1651.8	1638.9	1646.3	1648.1	1657.3	1662.8	1660.9
37.5°	1101.1	1402.1	1569.2	1580.2	1593.0	1576.5	1587.5	1593.0	1600.4	1596.7	1596.7
40°	972.8	1290.2	1508.6	1515.9	1527.0	1514.1	1525.1	1528.8	1532.5	1528.8	1527.0
42.5°	877.3	1167.2	1444.4	1453.5	1446.2	1455.4	1459.0	1466.4	1460.9	1453.5	1453.5
45°	803.9	1134.2	1374.6	1385.6	1374.6	1389.3	1394.8	1394.8	1378.3	1374.6	1372.8
47.5°	780.0	1068.2	1304.9	1304.9	1299.4	1317.7	1326.9	1314.0	1297.5	1292.0	1292.0
50°	778.2	994.8	1209.4	1202.1	1227.8	1249.8	1240.6	1227.8	1214.9	1194.7	1194.7
52.5°	706.6	904.8	1086.6	1114.0	1154.4	1167.2	1152.5	1139.7	1117.7	1108.5	1101.1
55°	655.2	811.2	974.6	1029.7	1071.9	1088.4	1060.9	1048.0	1015.0	1009.5	1005.8
57.5°	644.2	675.4	871.8	941.6	992.9	991.1	974.6	950.7	923.2	917.7	915.9
60°	591.0	488.2	761.7	844.3	897.5	892.0	877.3	855.3	829.6	825.9	822.3
62.5°	535.9	354.2	636.9	730.5	805.7	803.9	791.1	758.0	739.7	730.5	723.1
65°	455.2	297.3	453.3	607.5	715.8	719.5	691.9	668.1	647.9	636.9	635.0
67.5°	346.9	242.3	306.5	506.6	629.5	625.9	591.0	580.0	554.3	548.8	537.8
70°	257.0	161.5	212.9	411.1	545.1	535.9	508.4	495.6	471.7	458.8	451.5
72.5°	212.9	130.3	156.0	319.4	458.8	447.8	424.0	409.3	389.1	378.1	370.7
75°	172.5	137.7	119.3	236.8	372.6	365.2	343.2	328.5	312.0	297.3	299.2
77.5°	126.6	128.5	95.4	174.4	295.5	284.5	271.6	253.3	245.9	231.3	231.3
80°	95.4	100.9	71.6	119.3	212.9	212.9	201.9	189.0	176.2	168.9	168.9
82.5°	64.2	64.2	53.2	75.3	145.0	139.5	132.1	128.5	121.1	117.5	117.5
85°	29.4	36.7	33.0	45.9	78.9	82.6	82.6	78.9	77.1	73.4	75.3
87.5°	9.2	16.5	20.2	25.7	40.4	42.2	44.0	44.0	44.0	45.9	45.9
90°	5.7	10.3	14.9	16.0	25.1	37.2	43.2	38.5	28.8	21.7	21.7
92.5°	22.8	61.5	100.2	109.8	154.4	213.8	243.6	213.5	153.3	108.1	103.8
95°	54.6	125.4	196.2	213.9	379.8	601.1	711.8	635.1	481.9	367.0	354.0
97.5°	94.4	156.9	219.4	235.0	511.7	880.6	1065.1	1016.6	919.8	847.2	822.4
100°	125.2	181.8	238.5	252.6	559.7	969.1	1173.7	1177.3	1184.4	1189.7	1160.2
102.5°	151.3	204.2	257.0	270.3	581.6	996.9	1204.5	1266.1	1389.6	1482.2	1456.8
105°	195.7	240.5	285.2	296.4	598.0	1000.0	1201.1	1339.4	1616.0	1823.5	1809.9
107.5°	241.3	283.0	324.7	335.1	601.0	955.5	1132.8	1325.7	1711.6	2001.0	2004.3
110°	272.0	309.6	347.3	356.7	596.4	916.0	1075.9	1291.6	1723.0	2046.6	2060.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	302.1	338.0	373.9	382.9	596.6	881.6	1024.1	1244.9	1686.4	2017.6	2039.3
115°	347.6	380.8	413.9	422.1	602.1	842.1	962.1	1174.7	1600.1	1919.1	1949.3
117.5°	392.6	422.7	452.8	460.3	613.4	817.4	919.4	1111.3	1495.2	1783.1	1816.5
120°	418.7	447.0	475.4	482.4	622.4	809.0	902.4	1077.7	1428.5	1691.5	1724.0
122.5°	444.3	473.0	501.5	508.7	635.5	804.6	889.2	1047.2	1363.1	1599.9	1631.9
125°	483.6	509.7	535.7	542.2	653.1	801.1	875.0	1009.2	1277.4	1478.7	1508.2
127.5°	515.5	541.8	568.1	574.7	670.8	799.0	863.1	978.3	1208.6	1381.4	1406.3
130°	532.5	560.8	589.2	596.2	683.7	800.3	858.6	961.1	1166.2	1320.0	1343.0
132.5°	550.2	578.5	606.9	613.9	694.1	801.1	854.6	946.3	1130.0	1267.6	1288.3
135°	576.3	602.1	628.0	634.4	705.5	800.3	847.8	924.7	1078.4	1193.6	1211.4
137.5°	603.1	628.6	654.1	660.6	722.6	805.3	846.6	911.5	1041.6	1139.0	1153.5
140°	625.3	648.8	672.3	678.2	733.0	806.1	842.6	898.8	1011.0	1095.3	1108.9
142.5°	642.4	664.1	685.9	691.3	741.8	809.0	842.6	891.9	990.6	1064.5	1076.2
145°	668.5	687.5	706.4	711.2	753.2	809.0	836.9	877.3	958.0	1018.5	1027.3
147.5°	694.7	713.1	731.7	736.3	769.9	814.5	836.9	868.7	932.1	979.7	987.1
150°	711.8	728.5	745.2	749.3	778.5	817.5	836.9	863.7	917.3	957.5	963.5
152.5°	729.4	742.0	754.7	757.8	784.2	819.3	836.9	859.8	905.6	939.9	944.4
155°	755.5	764.9	774.3	776.6	796.7	823.5	836.9	855.1	891.5	918.9	921.8
157.5°	774.9	784.0	793.1	795.4	809.2	827.7	836.9	851.1	879.4	900.6	902.7
160°	788.0	795.1	802.2	803.9	814.9	829.6	836.9	849.1	873.4	891.5	892.7
162.5°	801.1	806.4	811.7	813.1	821.1	831.6	836.9	847.2	867.7	883.0	884.1
165°	815.3	820.1	824.9	826.1	829.7	834.6	836.9	844.3	859.0	870.0	871.2
167.5°	828.4	830.7	833.0	833.5	836.6	840.6	842.6	847.4	857.0	864.3	864.7
170°	836.9	839.2	841.5	842.1	842.3	842.5	842.6	847.4	857.0	864.3	864.3
172.5°	841.5	842.0	842.5	842.6	842.6	842.6	842.6	846.4	854.0	859.7	859.2
175°	847.8	847.8	847.8	847.8	846.0	843.7	842.6	845.0	849.9	853.5	853.5
177.5°	847.8	847.8	847.8	847.8	846.4	844.6	843.7	845.7	849.4	852.3	851.8
180°	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1989.5	1984.0	1989.5	1985.8	1987.6	1982.1	1965.6	1960.1	1965.6	1971.1	1971.1
5°	2013.3	2009.7	2013.3	2013.3	2011.5	2007.8	1989.5	1985.8	1989.5	1991.3	1987.6
7.5°	2020.7	2015.2	2020.7	2017.0	2017.0	2013.3	1995.0	1991.3	1993.1	1998.6	1993.1
10°	2020.7	2015.2	2020.7	2018.8	2017.0	2013.3	1995.0	1987.6	1987.6	1993.1	1987.6
12.5°	2011.5	2007.8	2011.5	2007.8	2007.8	2004.2	1985.8	1978.5	1980.3	1982.1	1974.8
15°	1996.8	1991.3	1996.8	1993.1	1995.0	1989.5	1969.3	1961.9	1961.9	1965.6	1952.8
17.5°	1974.8	1967.4	1974.8	1973.0	1971.1	1967.4	1949.1	1941.8	1939.9	1941.8	1932.6
20°	1949.1	1943.6	1949.1	1947.3	1947.3	1939.9	1921.6	1912.4	1912.4	1912.4	1903.2
22.5°	1908.7	1903.2	1908.7	1912.4	1912.4	1910.5	1894.0	1881.2	1877.5	1877.5	1866.5
25°	1862.8	1857.3	1862.8	1862.8	1861.0	1862.8	1857.3	1850.0	1844.5	1839.0	1828.0
27.5°	1818.8	1815.1	1818.8	1815.1	1818.8	1813.3	1811.4	1809.6	1802.3	1796.8	1782.1
30°	1774.7	1771.1	1774.7	1771.1	1767.4	1763.7	1754.5	1750.9	1758.2	1754.5	1730.7
32.5°	1719.7	1716.0	1719.7	1719.7	1716.0	1716.0	1701.3	1695.8	1697.6	1708.7	1686.6
35°	1662.8	1657.3	1662.8	1660.9	1662.8	1657.3	1648.1	1646.3	1638.9	1651.8	1635.2
37.5°	1596.7	1591.2	1596.7	1596.7	1596.7	1600.4	1593.0	1587.5	1576.5	1593.0	1580.2
40°	1528.8	1521.4	1528.8	1527.0	1528.8	1532.5	1528.8	1525.1	1514.1	1527.0	1515.9
42.5°	1451.7	1449.9	1451.7	1453.5	1453.5	1460.9	1466.4	1459.0	1455.4	1446.2	1453.5
45°	1369.1	1365.4	1369.1	1372.8	1374.6	1378.3	1394.8	1394.8	1389.3	1374.6	1385.6
47.5°	1281.0	1271.8	1281.0	1292.0	1292.0	1297.5	1314.0	1326.9	1317.7	1299.4	1304.9
50°	1187.4	1189.2	1187.4	1194.7	1194.7	1214.9	1227.8	1240.6	1249.8	1227.8	1202.1
52.5°	1095.6	1093.9	1095.6	1101.1	1108.5	1117.7	1139.7	1152.5	1167.2	1154.4	1114.0
55°	1004.0	1007.6	1004.0	1005.8	1009.5	1015.0	1048.0	1060.9	1088.4	1071.9	1029.7
57.5°	912.2	906.7	912.2	915.9	917.7	923.2	950.7	974.6	991.1	992.9	941.6
60°	805.7	798.4	805.7	822.3	825.9	829.6	855.3	877.3	892.0	897.5	844.3
62.5°	712.1	699.3	712.1	723.1	730.5	739.7	758.0	791.1	803.9	805.7	730.5
65°	613.0	607.5	613.0	635.0	636.9	647.9	668.1	691.9	719.5	715.8	607.5
67.5°	523.1	523.1	523.1	537.8	548.8	554.3	580.0	591.0	625.9	629.5	506.6
70°	440.5	438.7	440.5	451.5	458.8	471.7	495.6	508.4	535.9	545.1	411.1
72.5°	361.6	359.7	361.6	370.7	378.1	389.1	409.3	424.0	447.8	458.8	319.4
75°	291.8	288.2	291.8	299.2	297.3	312.0	328.5	343.2	365.2	372.6	236.8
77.5°	223.9	223.9	223.9	231.3	231.3	245.9	253.3	271.6	284.5	295.5	174.4
80°	167.0	165.2	167.0	168.9	168.9	176.2	189.0	201.9	212.9	212.9	119.3
82.5°	117.5	113.8	117.5	117.5	117.5	121.1	128.5	132.1	139.5	145.0	75.3
85°	73.4	73.4	73.4	75.3	73.4	77.1	78.9	82.6	82.6	78.9	45.9
87.5°	47.7	45.9	47.7	45.9	45.9	44.0	44.0	44.0	42.2	40.4	25.7
90°	21.7	21.7	21.7	21.7	21.7	28.8	38.5	43.2	37.2	25.1	16.0
92.5°	86.6	69.4	86.6	103.8	108.1	153.3	213.5	243.6	213.8	154.4	109.8
95°	301.9	249.8	301.9	354.0	367.0	481.9	635.1	711.8	601.1	379.8	213.9
97.5°	723.2	624.1	723.2	822.4	847.2	919.8	1016.6	1065.1	880.6	511.7	235.0
100°	1042.1	924.0	1042.1	1160.2	1189.7	1184.4	1177.3	1173.7	969.1	559.7	252.6
102.5°	1355.7	1254.6	1355.7	1456.8	1482.2	1389.6	1266.1	1204.5	996.9	581.6	270.3
105°	1755.5	1701.1	1755.5	1809.9	1823.5	1616.0	1339.4	1201.1	1000.0	598.0	296.4
107.5°	2017.5	2030.6	2017.5	2004.3	2001.0	1711.6	1325.7	1132.8	955.5	601.0	335.1
110°	2117.4	2174.0	2117.4	2060.7	2046.6	1723.0	1291.6	1075.9	916.0	596.4	356.7



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2126.2	2213.2	2126.2	2039.3	2017.6	1686.4	1244.9	1024.1	881.6	596.6	382.9
115°	2069.9	2190.4	2069.9	1949.3	1919.1	1600.1	1174.7	962.1	842.1	602.1	422.1
117.5°	1950.3	2084.1	1950.3	1816.5	1783.1	1495.2	1111.3	919.4	817.4	613.4	460.3
120°	1854.0	1984.0	1854.0	1724.0	1691.5	1428.5	1077.7	902.4	809.0	622.4	482.4
122.5°	1760.1	1888.3	1760.1	1631.9	1599.9	1363.1	1047.2	889.2	804.6	635.5	508.7
125°	1626.3	1744.4	1626.3	1508.2	1478.7	1277.4	1009.2	875.0	801.1	653.1	542.2
127.5°	1505.9	1605.6	1505.9	1406.3	1381.4	1208.6	978.3	863.1	799.0	670.8	574.7
130°	1435.0	1527.0	1435.0	1343.0	1320.0	1166.2	961.1	858.6	800.3	683.7	596.2
132.5°	1370.7	1453.1	1370.7	1288.3	1267.6	1130.0	946.3	854.6	801.1	694.1	613.9
135°	1282.5	1353.5	1282.5	1211.4	1193.6	1078.4	924.7	847.8	800.3	705.5	634.4
137.5°	1211.7	1269.9	1211.7	1153.5	1139.0	1041.6	911.5	846.6	805.3	722.6	660.6
140°	1163.3	1217.6	1163.3	1108.9	1095.3	1011.0	898.8	842.6	806.1	733.0	678.2
142.5°	1123.0	1169.8	1123.0	1076.2	1064.5	990.6	891.9	842.6	809.0	741.8	691.3
145°	1062.7	1098.1	1062.7	1027.3	1018.5	958.0	877.3	836.9	809.0	753.2	711.2
147.5°	1016.3	1045.7	1016.3	987.1	979.7	932.1	868.7	836.9	814.5	769.9	736.3
150°	987.3	1011.0	987.3	963.5	957.5	917.3	863.7	836.9	817.5	778.5	749.3
152.5°	962.3	980.3	962.3	944.4	939.9	905.6	859.8	836.9	819.3	784.2	757.8
155°	933.8	945.6	933.8	921.8	918.9	891.5	855.1	836.9	823.5	796.7	776.6
157.5°	911.1	919.4	911.1	902.7	900.6	879.4	851.1	836.9	827.7	809.2	795.4
160°	897.6	902.4	897.6	892.7	891.5	873.4	849.1	836.9	829.6	814.9	803.9
162.5°	888.7	893.3	888.7	884.1	883.0	867.7	847.2	836.9	831.6	821.1	813.1
165°	875.9	880.7	875.9	871.2	870.0	859.0	844.3	836.9	834.6	829.7	826.1
167.5°	866.8	868.8	866.8	864.7	864.3	857.0	847.4	842.6	840.6	836.6	833.5
170°	864.3	864.3	864.3	864.3	864.3	857.0	847.4	842.6	842.5	842.3	842.1
172.5°	857.5	855.8	857.5	859.2	859.7	854.0	846.4	842.6	842.6	842.6	842.6
175°	853.5	853.5	853.5	853.5	853.5	849.9	845.0	842.6	843.7	846.0	847.8
177.5°	849.8	847.8	849.8	851.8	852.3	849.4	845.7	843.7	844.6	846.4	847.8
180°	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1967.4	1956.4	1956.4	1938.1	1930.7	1925.2	1916.1	1888.5	1881.2	1873.8	1884.9
5°	1984.0	1963.8	1949.1	1916.1	1888.5	1877.5	1842.6	1776.6	1732.5	1699.5	1681.1
7.5°	1987.6	1961.9	1934.4	1883.0	1816.9	1787.6	1681.1	1560.0	1527.0	1497.6	1479.2
10°	1984.0	1954.6	1916.1	1839.0	1683.0	1631.6	1525.1	1446.2	1426.0	1420.5	1426.0
12.5°	1971.1	1943.6	1890.4	1761.9	1543.5	1508.6	1446.2	1400.3	1396.6	1405.8	1455.4
15°	1949.1	1923.4	1861.0	1659.1	1466.4	1440.7	1396.6	1380.1	1400.3	1464.5	1613.2
17.5°	1927.1	1897.7	1820.6	1558.2	1407.7	1389.3	1358.1	1391.1	1504.9	1591.2	1640.7
20°	1897.7	1862.8	1774.7	1484.7	1365.4	1348.9	1334.2	1482.9	1569.2	1600.4	1627.9
22.5°	1862.8	1826.1	1712.3	1433.3	1321.4	1308.5	1317.7	1534.3	1569.2	1591.2	1615.1
25°	1816.9	1785.7	1638.9	1393.0	1286.5	1271.8	1306.7	1528.8	1549.0	1554.5	1602.2
27.5°	1774.7	1734.4	1561.8	1356.3	1244.3	1238.8	1315.9	1504.9	1519.6	1525.1	1576.5
30°	1723.3	1662.8	1475.6	1317.7	1200.3	1198.4	1317.7	1475.6	1471.9	1486.6	1538.0
32.5°	1670.1	1556.3	1378.3	1270.0	1158.0	1156.2	1304.9	1431.5	1427.8	1448.0	1486.6
35°	1620.6	1473.7	1246.1	1214.9	1104.8	1106.6	1273.7	1380.1	1382.0	1400.3	1424.2
37.5°	1569.2	1402.1	1101.1	1154.4	1053.5	1053.5	1231.5	1332.4	1328.7	1334.2	1367.3
40°	1508.6	1290.2	972.8	1075.5	1005.8	1000.3	1180.1	1281.0	1268.2	1266.3	1312.2
42.5°	1444.4	1167.2	877.3	970.9	950.7	943.4	1117.7	1218.6	1194.7	1200.3	1259.0
45°	1374.6	1134.2	803.9	820.4	893.8	888.3	1049.8	1147.0	1130.5	1145.2	1205.8
47.5°	1304.9	1068.2	780.0	680.9	833.3	831.4	974.6	1077.4	1068.2	1082.9	1147.0
50°	1209.4	994.8	778.2	583.7	765.4	772.7	884.7	1009.5	1009.5	1022.3	1090.2
52.5°	1086.6	904.8	706.6	528.6	686.4	708.5	805.7	950.7	954.4	967.3	1027.8
55°	974.6	811.2	655.2	486.4	592.8	640.6	728.6	890.2	897.5	910.4	965.4
57.5°	871.8	675.4	644.2	436.8	506.6	552.5	660.7	831.4	835.1	846.1	899.3
60°	761.7	488.2	591.0	383.6	431.3	466.2	598.3	761.7	774.5	781.9	827.8
62.5°	636.9	354.2	535.9	346.9	394.6	402.0	546.9	695.6	712.1	717.6	745.2
65°	453.3	297.3	455.2	315.7	356.1	357.9	491.9	627.7	642.4	651.6	671.8
67.5°	306.5	242.3	346.9	286.3	326.7	328.5	438.7	548.8	569.0	576.3	589.2
70°	212.9	161.5	257.0	255.1	293.7	297.3	381.8	477.2	495.6	501.1	508.4
72.5°	156.0	130.3	212.9	229.4	258.8	262.5	323.0	396.4	414.8	420.3	424.0
75°	119.3	137.7	172.5	200.1	220.2	222.1	264.3	323.0	335.9	339.5	341.4
77.5°	95.4	128.5	126.6	161.5	179.9	176.2	207.4	249.6	260.6	260.6	260.6
80°	71.6	100.9	95.4	115.6	132.1	128.5	148.7	178.0	181.7	185.4	183.5
82.5°	53.2	64.2	64.2	73.4	88.1	84.4	99.1	115.6	115.6	115.6	119.3
85°	33.0	36.7	29.4	38.5	49.6	47.7	55.1	62.4	64.2	64.2	60.6
87.5°	20.2	16.5	9.2	14.7	22.0	22.0	25.7	27.5	25.7	25.7	25.7
90°	14.9	10.3	5.7	10.3	14.9	16.0	25.1	37.2	43.2	38.5	28.8
92.5°	100.2	61.5	22.8	61.5	100.2	109.8	154.4	213.8	243.6	213.5	153.3
95°	196.2	125.4	54.6	125.4	196.2	213.9	379.8	601.1	711.8	635.1	481.9
97.5°	219.4	156.9	94.4	156.9	219.4	235.0	511.7	880.6	1065.1	1016.6	919.8
100°	238.5	181.8	125.2	181.8	238.5	252.6	559.7	969.1	1173.7	1177.3	1184.4
102.5°	257.0	204.2	151.3	204.2	257.0	270.3	581.6	996.9	1204.5	1266.1	1389.6
105°	285.2	240.5	195.7	240.5	285.2	296.4	598.0	1000.0	1201.1	1339.4	1616.0
107.5°	324.7	283.0	241.3	283.0	324.7	335.1	601.0	955.5	1132.8	1325.7	1711.6
110°	347.3	309.6	272.0	309.6	347.3	356.7	596.4	916.0	1075.9	1291.6	1723.0



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	373.9	338.0	302.1	338.0	373.9	382.9	596.6	881.6	1024.1	1244.9	1686.4
115°	413.9	380.8	347.6	380.8	413.9	422.1	602.1	842.1	962.1	1174.7	1600.1
117.5°	452.8	422.7	392.6	422.7	452.8	460.3	613.4	817.4	919.4	1111.3	1495.2
120°	475.4	447.0	418.7	447.0	475.4	482.4	622.4	809.0	902.4	1077.7	1428.5
122.5°	501.5	473.0	444.3	473.0	501.5	508.7	635.5	804.6	889.2	1047.2	1363.1
125°	535.7	509.7	483.6	509.7	535.7	542.2	653.1	801.1	875.0	1009.2	1277.4
127.5°	568.1	541.8	515.5	541.8	568.1	574.7	670.8	799.0	863.1	978.3	1208.6
130°	589.2	560.8	532.5	560.8	589.2	596.2	683.7	800.3	858.6	961.1	1166.2
132.5°	606.9	578.5	550.2	578.5	606.9	613.9	694.1	801.1	854.6	946.3	1130.0
135°	628.0	602.1	576.3	602.1	628.0	634.4	705.5	800.3	847.8	924.7	1078.4
137.5°	654.1	628.6	603.1	628.6	654.1	660.6	722.6	805.3	846.6	911.5	1041.6
140°	672.3	648.8	625.3	648.8	672.3	678.2	733.0	806.1	842.6	898.8	1011.0
142.5°	685.9	664.1	642.4	664.1	685.9	691.3	741.8	809.0	842.6	891.9	990.6
145°	706.4	687.5	668.5	687.5	706.4	711.2	753.2	809.0	836.9	877.3	958.0
147.5°	731.7	713.1	694.7	713.1	731.7	736.3	769.9	814.5	836.9	868.7	932.1
150°	745.2	728.5	711.8	728.5	745.2	749.3	778.5	817.5	836.9	863.7	917.3
152.5°	754.7	742.0	729.4	742.0	754.7	757.8	784.2	819.3	836.9	859.8	905.6
155°	774.3	764.9	755.5	764.9	774.3	776.6	796.7	823.5	836.9	855.1	891.5
157.5°	793.1	784.0	774.9	784.0	793.1	795.4	809.2	827.7	836.9	851.1	879.4
160°	802.2	795.1	788.0	795.1	802.2	803.9	814.9	829.6	836.9	849.1	873.4
162.5°	811.7	806.4	801.1	806.4	811.7	813.1	821.1	831.6	836.9	847.2	867.7
165°	824.9	820.1	815.3	820.1	824.9	826.1	829.7	834.6	836.9	844.3	859.0
167.5°	833.0	830.7	828.4	830.7	833.0	833.5	836.6	840.6	842.6	847.4	857.0
170°	841.5	839.2	836.9	839.2	841.5	842.1	842.3	842.5	842.6	847.4	857.0
172.5°	842.5	842.0	841.5	842.0	842.5	842.6	842.6	842.6	842.6	846.4	854.0
175°	847.8	847.8	847.8	847.8	847.8	847.8	846.0	843.7	842.6	845.0	849.9
177.5°	847.8	847.8	847.8	847.8	847.8	847.8	846.4	844.6	843.7	845.7	849.4
180°	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1872.0	1866.5	1873.8	1853.7	1873.8	1866.5	1872.0	1884.9	1873.8	1881.2	1888.5
5°	1642.6	1633.4	1604.0	1580.2	1604.0	1633.4	1642.6	1681.1	1699.5	1732.5	1776.6
7.5°	1468.2	1460.9	1453.5	1438.9	1453.5	1460.9	1468.2	1479.2	1497.6	1527.0	1560.0
10°	1429.7	1431.5	1442.5	1440.7	1442.5	1431.5	1429.7	1426.0	1420.5	1426.0	1446.2
12.5°	1528.8	1545.3	1605.9	1602.2	1605.9	1545.3	1528.8	1455.4	1405.8	1396.6	1400.3
15°	1642.6	1648.1	1660.9	1662.8	1660.9	1648.1	1642.6	1613.2	1464.5	1400.3	1380.1
17.5°	1653.6	1655.4	1664.6	1664.6	1664.6	1655.4	1653.6	1640.7	1591.2	1504.9	1391.1
20°	1644.4	1648.1	1666.4	1670.1	1666.4	1648.1	1644.4	1627.9	1600.4	1569.2	1482.9
22.5°	1640.7	1648.1	1662.8	1660.9	1662.8	1648.1	1640.7	1615.1	1591.2	1569.2	1534.3
25°	1622.4	1622.4	1624.2	1626.1	1624.2	1622.4	1622.4	1602.2	1554.5	1549.0	1528.8
27.5°	1583.8	1587.5	1598.5	1596.7	1598.5	1587.5	1583.8	1576.5	1525.1	1519.6	1504.9
30°	1549.0	1545.3	1536.1	1528.8	1536.1	1545.3	1549.0	1538.0	1486.6	1471.9	1475.6
32.5°	1490.2	1481.1	1471.9	1466.4	1471.9	1481.1	1490.2	1486.6	1448.0	1427.8	1431.5
35°	1420.5	1422.3	1420.5	1415.0	1420.5	1422.3	1420.5	1424.2	1400.3	1382.0	1380.1
37.5°	1370.9	1374.6	1372.8	1365.4	1372.8	1374.6	1370.9	1367.3	1334.2	1328.7	1332.4
40°	1319.6	1321.4	1319.6	1314.0	1319.6	1321.4	1319.6	1312.2	1266.3	1268.2	1281.0
42.5°	1270.0	1268.2	1262.7	1259.0	1262.7	1268.2	1270.0	1259.0	1200.3	1194.7	1218.6
45°	1213.1	1214.9	1203.9	1198.4	1203.9	1214.9	1213.1	1205.8	1145.2	1130.5	1147.0
47.5°	1156.2	1156.2	1147.0	1141.5	1147.0	1156.2	1156.2	1147.0	1082.9	1068.2	1077.4
50°	1095.6	1093.9	1081.0	1079.2	1081.0	1093.9	1095.6	1090.2	1022.3	1009.5	1009.5
52.5°	1026.0	1026.0	1027.8	1031.5	1027.8	1026.0	1026.0	1027.8	967.3	954.4	950.7
55°	965.4	967.3	980.1	983.8	980.1	967.3	965.4	965.4	910.4	897.5	890.2
57.5°	903.0	903.0	912.2	912.2	912.2	903.0	903.0	899.3	846.1	835.1	831.4
60°	831.4	835.1	842.4	840.6	842.4	835.1	831.4	827.8	781.9	774.5	761.7
62.5°	756.2	759.9	761.7	758.0	761.7	759.9	756.2	745.2	717.6	712.1	695.6
65°	677.3	680.9	682.8	679.1	682.8	680.9	677.3	671.8	651.6	642.4	627.7
67.5°	596.5	594.7	592.8	600.2	592.8	594.7	596.5	589.2	576.3	569.0	548.8
70°	513.9	513.9	512.1	515.7	512.1	513.9	513.9	508.4	501.1	495.6	477.2
72.5°	425.8	424.0	431.3	425.8	431.3	424.0	425.8	424.0	420.3	414.8	396.4
75°	339.5	343.2	339.5	345.1	339.5	343.2	339.5	341.4	339.5	335.9	323.0
77.5°	258.8	262.5	258.8	258.8	258.8	262.5	258.8	260.6	260.6	260.6	249.6
80°	183.5	181.7	181.7	179.9	181.7	181.7	183.5	183.5	185.4	181.7	178.0
82.5°	117.5	115.6	115.6	119.3	115.6	115.6	117.5	119.3	115.6	115.6	115.6
85°	64.2	66.1	62.4	62.4	62.4	66.1	64.2	60.6	64.2	64.2	62.4
87.5°	23.9	22.0	22.0	22.0	22.0	22.0	23.9	25.7	25.7	25.7	27.5
90°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	28.8	38.5	43.2	37.2
92.5°	108.1	103.8	86.6	69.4	86.6	103.8	108.1	153.3	213.5	243.6	213.8
95°	367.0	354.0	301.9	249.8	301.9	354.0	367.0	481.9	635.1	711.8	601.1
97.5°	847.2	822.4	723.2	624.1	723.2	822.4	847.2	919.8	1016.6	1065.1	880.6
100°	1189.7	1160.2	1042.1	924.0	1042.1	1160.2	1189.7	1184.4	1177.3	1173.7	969.1
102.5°	1482.2	1456.8	1355.7	1254.6	1355.7	1456.8	1482.2	1389.6	1266.1	1204.5	996.9
105°	1823.5	1809.9	1755.5	1701.1	1755.5	1809.9	1823.5	1616.0	1339.4	1201.1	1000.0
107.5°	2001.0	2004.3	2017.5	2030.6	2017.5	2004.3	2001.0	1711.6	1325.7	1132.8	955.5
110°	2046.6	2060.7	2117.4	2174.0	2117.4	2060.7	2046.6	1723.0	1291.6	1075.9	916.0



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2017.6	2039.3	2126.2	2213.2	2126.2	2039.3	2017.6	1686.4	1244.9	1024.1	881.6
115°	1919.1	1949.3	2069.9	2190.4	2069.9	1949.3	1919.1	1600.1	1174.7	962.1	842.1
117.5°	1783.1	1816.5	1950.3	2084.1	1950.3	1816.5	1783.1	1495.2	1111.3	919.4	817.4
120°	1691.5	1724.0	1854.0	1984.0	1854.0	1724.0	1691.5	1428.5	1077.7	902.4	809.0
122.5°	1599.9	1631.9	1760.1	1888.3	1760.1	1631.9	1599.9	1363.1	1047.2	889.2	804.6
125°	1478.7	1508.2	1626.3	1744.4	1626.3	1508.2	1478.7	1277.4	1009.2	875.0	801.1
127.5°	1381.4	1406.3	1505.9	1605.6	1505.9	1406.3	1381.4	1208.6	978.3	863.1	799.0
130°	1320.0	1343.0	1435.0	1527.0	1435.0	1343.0	1320.0	1166.2	961.1	858.6	800.3
132.5°	1267.6	1288.3	1370.7	1453.1	1370.7	1288.3	1267.6	1130.0	946.3	854.6	801.1
135°	1193.6	1211.4	1282.5	1353.5	1282.5	1211.4	1193.6	1078.4	924.7	847.8	800.3
137.5°	1139.0	1153.5	1211.7	1269.9	1211.7	1153.5	1139.0	1041.6	911.5	846.6	805.3
140°	1095.3	1108.9	1163.3	1217.6	1163.3	1108.9	1095.3	1011.0	898.8	842.6	806.1
142.5°	1064.5	1076.2	1123.0	1169.8	1123.0	1076.2	1064.5	990.6	891.9	842.6	809.0
145°	1018.5	1027.3	1062.7	1098.1	1062.7	1027.3	1018.5	958.0	877.3	836.9	809.0
147.5°	979.7	987.1	1016.3	1045.7	1016.3	987.1	979.7	932.1	868.7	836.9	814.5
150°	957.5	963.5	987.3	1011.0	987.3	963.5	957.5	917.3	863.7	836.9	817.5
152.5°	939.9	944.4	962.3	980.3	962.3	944.4	939.9	905.6	859.8	836.9	819.3
155°	918.9	921.8	933.8	945.6	933.8	921.8	918.9	891.5	855.1	836.9	823.5
157.5°	900.6	902.7	911.1	919.4	911.1	902.7	900.6	879.4	851.1	836.9	827.7
160°	891.5	892.7	897.6	902.4	897.6	892.7	891.5	873.4	849.1	836.9	829.6
162.5°	883.0	884.1	888.7	893.3	888.7	884.1	883.0	867.7	847.2	836.9	831.6
165°	870.0	871.2	875.9	880.7	875.9	871.2	870.0	859.0	844.3	836.9	834.6
167.5°	864.3	864.7	866.8	868.8	866.8	864.7	864.3	857.0	847.4	842.6	840.6
170°	864.3	864.3	864.3	864.3	864.3	864.3	864.3	857.0	847.4	842.6	842.5
172.5°	859.7	859.2	857.5	855.8	857.5	859.2	859.7	854.0	846.4	842.6	842.6
175°	853.5	853.5	853.5	853.5	853.5	853.5	853.5	849.9	845.0	842.6	843.7
177.5°	852.3	851.8	849.8	847.8	849.8	851.8	852.3	849.4	845.7	843.7	844.6
180°	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8	847.8



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1939.9	1939.9	1939.9	1939.9	1939.9
2.5°	1916.1	1925.2	1930.7	1938.1	1956.4
5°	1842.6	1877.5	1888.5	1916.1	1949.1
7.5°	1681.1	1787.6	1816.9	1883.0	1934.4
10°	1525.1	1631.6	1683.0	1839.0	1916.1
12.5°	1446.2	1508.6	1543.5	1761.9	1890.4
15°	1396.6	1440.7	1466.4	1659.1	1861.0
17.5°	1358.1	1389.3	1407.7	1558.2	1820.6
20°	1334.2	1348.9	1365.4	1484.7	1774.7
22.5°	1317.7	1308.5	1321.4	1433.3	1712.3
25°	1306.7	1271.8	1286.5	1393.0	1638.9
27.5°	1315.9	1238.8	1244.3	1356.3	1561.8
30°	1317.7	1198.4	1200.3	1317.7	1475.6
32.5°	1304.9	1156.2	1158.0	1270.0	1378.3
35°	1273.7	1106.6	1104.8	1214.9	1246.1
37.5°	1231.5	1053.5	1053.5	1154.4	1101.1
40°	1180.1	1000.3	1005.8	1075.5	972.8
42.5°	1117.7	943.4	950.7	970.9	877.3
45°	1049.8	888.3	893.8	820.4	803.9
47.5°	974.6	831.4	833.3	680.9	780.0
50°	884.7	772.7	765.4	583.7	778.2
52.5°	805.7	708.5	686.4	528.6	706.6
55°	728.6	640.6	592.8	486.4	655.2
57.5°	660.7	552.5	506.6	436.8	644.2
60°	598.3	466.2	431.3	383.6	591.0
62.5°	546.9	402.0	394.6	346.9	535.9
65°	491.9	357.9	356.1	315.7	455.2
67.5°	438.7	328.5	326.7	286.3	346.9
70°	381.8	297.3	293.7	255.1	257.0
72.5°	323.0	262.5	258.8	229.4	212.9
75°	264.3	222.1	220.2	200.1	172.5
77.5°	207.4	176.2	179.9	161.5	126.6
80°	148.7	128.5	132.1	115.6	95.4
82.5°	99.1	84.4	88.1	73.4	64.2
85°	55.1	47.7	49.6	38.5	29.4
87.5°	25.7	22.0	22.0	14.7	9.2
90°	25.1	16.0	14.9	10.3	5.7
92.5°	154.4	109.8	100.2	61.5	22.8
95°	379.8	213.9	196.2	125.4	54.6
97.5°	511.7	235.0	219.4	156.9	94.4
100°	559.7	252.6	238.5	181.8	125.2
102.5°	581.6	270.3	257.0	204.2	151.3
105°	598.0	296.4	285.2	240.5	195.7
107.5°	601.0	335.1	324.7	283.0	241.3
110°	596.4	356.7	347.3	309.6	272.0



TEST NUMBER: P934768

CATALOG NUMBER: SQ4-FA-075U-075D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	596.6	382.9	373.9	338.0	302.1
115°	602.1	422.1	413.9	380.8	347.6
117.5°	613.4	460.3	452.8	422.7	392.6
120°	622.4	482.4	475.4	447.0	418.7
122.5°	635.5	508.7	501.5	473.0	444.3
125°	653.1	542.2	535.7	509.7	483.6
127.5°	670.8	574.7	568.1	541.8	515.5
130°	683.7	596.2	589.2	560.8	532.5
132.5°	694.1	613.9	606.9	578.5	550.2
135°	705.5	634.4	628.0	602.1	576.3
137.5°	722.6	660.6	654.1	628.6	603.1
140°	733.0	678.2	672.3	648.8	625.3
142.5°	741.8	691.3	685.9	664.1	642.4
145°	753.2	711.2	706.4	687.5	668.5
147.5°	769.9	736.3	731.7	713.1	694.7
150°	778.5	749.3	745.2	728.5	711.8
152.5°	784.2	757.8	754.7	742.0	729.4
155°	796.7	776.6	774.3	764.9	755.5
157.5°	809.2	795.4	793.1	784.0	774.9
160°	814.9	803.9	802.2	795.1	788.0
162.5°	821.1	813.1	811.7	806.4	801.1
165°	829.7	826.1	824.9	820.1	815.3
167.5°	836.6	833.5	833.0	830.7	828.4
170°	842.3	842.1	841.5	839.2	836.9
172.5°	842.6	842.6	842.5	842.0	841.5
175°	846.0	847.8	847.8	847.8	847.8
177.5°	846.4	847.8	847.8	847.8	847.8
180°	847.8	847.8	847.8	847.8	847.8



TEST NUMBER: P934768
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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	12.24	13.08	13.21	14.07	15.37	15.07	15.91	16.05	16.90	18.21
	3H	12.71	13.46	13.70	14.46	15.79	16.42	17.17	17.41	18.17	19.50
	4H	12.90	13.61	13.90	14.62	15.95	16.86	17.58	17.86	18.58	19.91
	6H	13.02	13.68	14.03	14.68	16.03	17.15	17.81	18.16	18.81	20.16
	8H	13.02	13.65	14.04	14.67	16.01	17.23	17.85	18.24	18.87	20.22
	12H	12.99	13.58	14.01	14.60	15.97	17.26	17.86	18.29	18.88	20.24
4H	2H	13.27	13.98	14.27	14.98	16.31	15.48	16.19	16.49	17.20	18.53
	3H	14.29	14.89	15.31	15.92	17.26	16.99	17.58	18.00	18.61	19.96
	4H	14.57	15.11	15.59	16.13	17.50	17.51	18.06	18.54	19.08	20.45
	6H	14.69	15.16	15.73	16.21	17.57	17.88	18.35	18.91	19.40	20.76
	8H	14.70	15.13	15.73	16.17	17.55	17.99	18.43	19.02	19.46	20.84
	12H	14.66	15.06	15.72	16.11	17.50	18.05	18.44	19.10	19.49	20.88
8H	4H	15.02	15.46	16.06	16.50	17.88	17.64	18.07	18.67	19.11	20.49
	6H	15.28	15.64	16.34	16.72	18.10	18.07	18.44	19.13	19.52	20.89
	8H	15.32	15.64	16.39	16.71	18.10	18.23	18.55	19.29	19.61	21.01
	12H	15.31	15.59	16.38	16.65	18.09	18.33	18.61	19.40	19.67	21.11
12H	4H	15.03	15.42	16.08	16.48	17.86	17.60	18.00	18.65	19.05	20.44
	6H	15.34	15.66	16.41	16.73	18.12	18.07	18.39	19.14	19.46	20.85
	8H	15.41	15.69	16.48	16.75	18.19	18.23	18.51	19.30	19.57	21.01