

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: P933830

Luminaire Tested: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933830
REPORT IS A COMBINATION OF REPORTS P933673 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

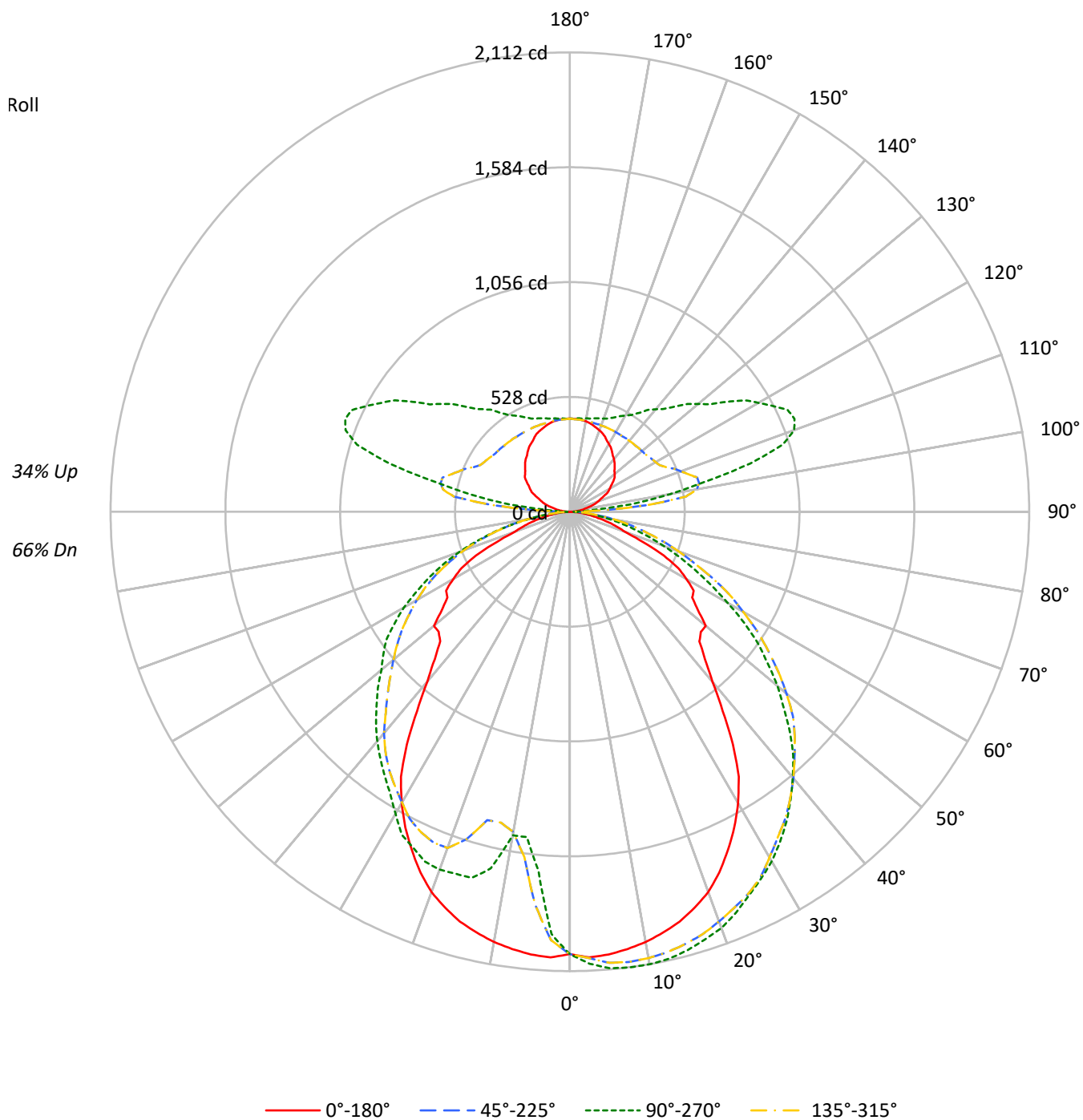
Lumens per Lamp: N/A
Luminaire Lumens: 8049.2 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

Luminous Intensity Polar Plot



TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70	66		
1	101	97	93	89	95	91	88	85	81	78	76	71	69	68	62	61	60	55		
2	92	85	78	73	87	80	74	70	71	67	63	63	59	56	55	52	50	46		
3	84	75	67	61	79	70	64	58	63	57	53	55	51	48	49	46	43	39		
4	77	66	58	52	72	62	55	49	56	50	45	49	45	41	43	40	37	34		
5	71	59	50	44	66	56	48	43	50	44	39	44	39	35	39	35	32	29		
6	65	53	45	39	61	50	43	37	45	39	34	40	35	31	35	31	28	26		
7	60	48	40	34	57	45	38	33	41	35	30	36	31	28	32	28	25	23		
8	56	43	35	30	53	41	34	29	37	31	27	33	28	25	30	26	22	20		
9	52	40	32	27	49	38	31	26	34	28	24	31	26	22	27	23	20	18		
10	49	36	29	24	46	35	28	23	31	26	22	28	23	20	25	21	18	16		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6289	6289	6289	6289
5°	6339	6349	6339	4992
10°	6299	6254	6299	4471
15°	6233	6119	6233	5109
20°	6105	5958	6105	5120
25°	5841	5724	5841	5011
30°	5498	5529	5498	4773
35°	4904	5284	4904	4511
40°	4088	4994	4088	4314
45°	3655	4656	3655	4086
50°	3887	4251	3887	3858
55°	3660	3816	3660	3726
60°	3778	3241	3778	3412
65°	3431	2679	3431	2995
70°	2382	2135	2382	2510
75°	2096	1579	2096	1890
80°	1701	1044	1701	1137
85°	998	553	998	470

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5599 cd/sqm

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.6	2.3
10°-20°	521.2	6.5
20°-30°	805.6	10.0
30°-40°	961.8	11.9
40°-50°	967.4	12.0
50°-60°	841.7	10.5
60°-70°	596.8	7.4
70°-80°	315.7	3.9
80°-90°	80.3	1.0
90°-100°	208.7	2.6
100°-110°	548.6	6.8
110°-120°	568.9	7.1
120°-130°	456.3	5.7
130°-140°	358.0	4.4
140°-150°	274.8	3.4
150°-160°	197.9	2.5
160°-170°	121.1	1.5
170°-180°	40.9	0.5
0°-30°	1510.4	18.8
0°-40°	2472.1	30.7
0°-60°	4281.2	53.2
0°-90°	5274.1	65.5
90°-120°	1326.1	16.5
90°-150°	2415.3	30.0
90°-180°	2775.0	34.5
0°-180°	8049.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2033	2033	2033	2033	2033	
5°	2043	2107	2043	1656	2043	194
15°	1951	2087	1951	1743	1951	549
25°	1718	1947	1718	1704	1718	789
35°	1306	1737	1306	1483	1306	808
45°	843	1431	843	1256	843	675
55°	687	1056	687	1031	687	631
65°	477	637	477	712	477	456
75°	181	302	181	362	181	190
85°	31	77	31	65	31	42
90°	3	11	3	11	3	4
95°	28	126	28	126	28	31
105°	99	859	99	859	99	105
115°	176	1106	176	1106	176	173
125°	244	881	244	881	244	217
135°	291	684	291	684	291	225
145°	338	554	338	554	338	211
155°	382	478	382	478	382	175
165°	412	445	412	445	412	116
175°	428	431	428	431	428	41
180°	428	428	428	428	428	

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2050.7	2050.7	2062.3	2066.1	2066.1	2060.4	2054.7	2060.4	2077.7	2083.4	2081.5
5°	2043.1	2058.5	2079.6	2083.4	2087.4	2085.5	2081.5	2085.5	2104.7	2108.5	2110.4
7.5°	2027.7	2056.6	2083.4	2089.3	2095.0	2089.3	2087.4	2091.2	2110.4	2114.2	2114.2
10°	2008.5	2048.8	2079.6	2083.4	2089.3	2083.4	2083.4	2091.2	2110.4	2114.2	2116.2
12.5°	1981.5	2037.4	2066.1	2070.1	2077.7	2075.8	2073.9	2081.5	2100.9	2104.7	2104.7
15°	1950.7	2016.1	2043.1	2046.9	2060.4	2056.6	2056.6	2064.2	2085.5	2091.2	2089.3
17.5°	1908.5	1989.3	2020.1	2025.8	2035.4	2033.4	2035.4	2043.1	2062.3	2066.1	2068.1
20°	1860.4	1952.6	1989.3	1995.0	2004.7	2004.7	2004.7	2014.2	2033.4	2041.2	2041.2
22.5°	1795.0	1914.2	1952.6	1956.6	1968.0	1968.0	1972.0	1985.3	2002.7	2004.7	2004.7
25°	1718.0	1871.8	1904.5	1916.1	1927.7	1933.4	1939.3	1946.9	1952.6	1950.7	1952.6
27.5°	1637.2	1818.0	1860.4	1868.0	1883.4	1889.2	1896.9	1898.8	1900.7	1906.5	1902.6
30°	1546.7	1742.9	1806.4	1814.2	1839.1	1843.1	1835.3	1839.1	1848.8	1852.6	1856.4
32.5°	1444.8	1631.4	1750.7	1768.0	1791.0	1779.6	1777.6	1783.4	1798.8	1798.8	1802.6
35°	1306.3	1544.8	1698.8	1714.2	1731.5	1718.0	1725.6	1727.6	1737.2	1742.9	1741.0
37.5°	1154.3	1469.8	1644.8	1656.4	1669.9	1652.6	1664.1	1669.9	1677.5	1673.7	1673.7
40°	1019.6	1352.4	1581.4	1589.1	1600.6	1587.2	1598.7	1602.6	1606.4	1602.6	1600.6
42.5°	919.6	1223.5	1514.0	1523.7	1515.9	1525.6	1529.4	1537.2	1531.3	1523.7	1523.7
45°	842.6	1188.9	1441.0	1452.5	1441.0	1456.4	1462.1	1462.1	1444.8	1441.0	1439.0
47.5°	817.6	1119.7	1367.8	1367.8	1362.1	1381.3	1390.9	1377.5	1360.2	1354.4	1354.4
50°	815.7	1042.7	1267.8	1260.1	1287.0	1310.1	1300.5	1287.0	1273.6	1252.4	1252.4
52.5°	740.7	948.4	1138.9	1167.8	1210.1	1223.5	1208.1	1194.7	1171.6	1162.0	1154.3
55°	686.8	850.3	1021.5	1079.3	1123.5	1140.8	1112.0	1098.5	1063.9	1058.1	1054.3
57.5°	675.3	708.0	913.8	986.9	1040.8	1038.9	1021.5	996.5	967.7	961.9	960.0
60°	619.5	511.8	798.4	885.0	940.7	935.0	919.6	896.5	869.6	865.7	861.9
62.5°	561.8	371.3	667.5	765.7	844.5	842.6	829.2	794.5	775.3	765.7	758.0
65°	477.1	311.6	475.2	636.8	750.3	754.1	725.3	700.3	679.1	667.5	665.6
67.5°	363.6	254.0	321.3	531.0	659.9	656.0	619.5	607.9	581.0	575.2	563.7
70°	269.4	169.3	223.2	431.0	571.4	561.8	532.9	519.4	494.4	481.0	473.2
72.5°	223.2	136.5	163.5	334.8	481.0	469.4	444.4	429.0	407.8	396.3	388.6
75°	180.8	144.3	125.1	248.1	390.5	382.9	359.7	344.3	327.0	311.6	313.5
77.5°	132.7	134.6	100.0	182.7	309.7	298.2	284.8	265.5	257.8	242.4	242.4
80°	100.0	105.9	75.1	125.1	223.2	223.2	211.6	198.1	184.6	177.0	177.0
82.5°	67.3	67.3	55.7	78.9	151.9	146.2	138.6	134.6	127.0	123.2	123.2
85°	30.8	38.4	34.6	48.1	82.7	86.5	86.5	82.7	80.8	77.0	78.9
87.5°	9.7	17.3	21.1	27.0	42.4	44.3	46.2	46.2	46.2	48.1	48.1
90°	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5	10.9	10.9
92.5°	11.5	31.0	50.6	55.5	77.9	108.0	123.0	107.8	77.4	54.6	52.4
95°	27.5	63.3	99.1	108.0	191.8	303.6	359.4	320.7	243.4	185.3	178.7
97.5°	47.7	79.3	110.8	118.7	258.4	444.7	537.9	513.4	464.5	427.8	415.3
100°	63.2	91.8	120.4	127.6	282.7	489.4	592.7	594.6	598.1	600.8	585.9
102.5°	76.4	103.1	129.8	136.4	293.7	503.4	608.2	639.4	701.7	748.4	735.6
105°	98.9	121.4	144.0	149.6	302.0	505.0	606.5	676.3	816.0	920.8	913.9
107.5°	121.8	142.9	164.0	169.2	303.5	482.5	572.0	669.4	864.3	1010.5	1012.1
110°	137.3	156.3	175.4	180.1	301.2	462.6	543.3	652.2	870.0	1033.5	1040.6

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	152.6	170.7	188.8	193.3	301.3	445.2	517.2	628.7	851.6	1018.8	1029.8
115°	175.6	192.3	209.0	213.2	304.1	425.2	485.8	593.2	808.0	969.1	984.3
117.5°	198.2	213.4	228.6	232.5	309.7	412.8	464.3	561.3	755.1	900.4	917.4
120°	211.4	225.8	240.1	243.6	314.3	408.5	455.6	544.2	721.4	854.2	870.6
122.5°	224.4	238.9	253.2	256.8	320.9	406.3	449.0	528.8	688.3	807.9	824.0
125°	244.2	257.4	270.6	273.9	329.9	404.6	441.9	509.6	645.0	746.7	761.6
127.5°	260.3	273.6	286.9	290.2	338.8	403.5	435.8	494.0	610.3	697.5	710.2
130°	268.9	283.2	297.6	301.1	345.3	404.1	433.5	485.4	588.9	666.6	678.2
132.5°	277.9	292.1	306.5	310.0	350.5	404.6	431.5	477.9	570.7	640.2	650.6
135°	291.1	304.1	317.1	320.3	356.3	404.2	428.1	466.9	544.6	602.8	611.8
137.5°	304.5	317.5	330.3	333.5	364.9	406.7	427.5	460.3	525.9	575.2	582.5
140°	315.7	327.6	339.5	342.5	370.1	407.1	425.5	453.8	510.5	553.1	559.9
142.5°	324.3	335.3	346.3	349.1	374.5	408.5	425.5	450.4	500.2	537.6	543.5
145°	337.6	347.2	356.8	359.1	380.3	408.5	422.6	443.0	483.7	514.2	518.7
147.5°	350.8	360.1	369.5	371.8	388.7	411.4	422.6	438.7	470.7	494.7	498.5
150°	359.4	367.8	376.3	378.4	393.1	412.8	422.6	436.2	463.3	483.5	486.5
152.5°	368.3	374.7	381.0	382.7	396.0	413.7	422.6	434.2	457.3	474.7	476.9
155°	381.5	386.2	391.0	392.1	402.3	415.8	422.6	431.8	450.3	464.0	465.6
157.5°	391.3	395.9	400.5	401.7	408.7	418.0	422.6	429.8	444.1	454.8	455.8
160°	398.0	401.5	405.1	406.0	411.5	418.9	422.6	428.8	441.0	450.2	450.7
162.5°	404.6	407.2	409.9	410.6	414.6	420.0	422.6	427.8	438.1	445.9	446.4
165°	411.7	414.1	416.6	417.2	419.0	421.4	422.6	426.4	433.7	439.3	439.8
167.5°	418.3	419.5	420.6	420.9	422.4	424.5	425.5	427.9	432.8	436.4	436.7
170°	422.6	423.8	424.9	425.2	425.3	425.4	425.5	427.9	432.8	436.4	436.4
172.5°	424.9	425.2	425.4	425.5	425.5	425.5	425.5	427.4	431.2	434.1	433.9
175°	428.1	428.1	428.1	428.1	427.2	426.1	425.5	426.7	429.1	431.0	431.0
177.5°	428.1	428.1	428.1	428.1	427.4	426.6	426.1	427.0	428.9	430.4	430.1
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2085.5	2079.6	2085.5	2081.5	2083.4	2077.7	2060.4	2054.7	2060.4	2066.1	2066.1
5°	2110.4	2106.6	2110.4	2110.4	2108.5	2104.7	2085.5	2081.5	2085.5	2087.4	2083.4
7.5°	2118.2	2112.3	2118.2	2114.2	2114.2	2110.4	2091.2	2087.4	2089.3	2095.0	2089.3
10°	2118.2	2112.3	2118.2	2116.2	2114.2	2110.4	2091.2	2083.4	2083.4	2089.3	2083.4
12.5°	2108.5	2104.7	2108.5	2104.7	2104.7	2100.9	2081.5	2073.9	2075.8	2077.7	2070.1
15°	2093.1	2087.4	2093.1	2089.3	2091.2	2085.5	2064.2	2056.6	2056.6	2060.4	2046.9
17.5°	2070.1	2062.3	2070.1	2068.1	2066.1	2062.3	2043.1	2035.4	2033.4	2035.4	2025.8
20°	2043.1	2037.4	2043.1	2041.2	2041.2	2033.4	2014.2	2004.7	2004.7	2004.7	1995.0
22.5°	2000.7	1995.0	2000.7	2004.7	2004.7	2002.7	1985.3	1972.0	1968.0	1968.0	1956.6
25°	1952.6	1946.9	1952.6	1952.6	1950.7	1952.6	1946.9	1939.3	1933.4	1927.7	1916.1
27.5°	1906.5	1902.6	1906.5	1902.6	1906.5	1900.7	1898.8	1896.9	1889.2	1883.4	1868.0
30°	1860.4	1856.4	1860.4	1856.4	1852.6	1848.8	1839.1	1835.3	1843.1	1839.1	1814.2
32.5°	1802.6	1798.8	1802.6	1802.6	1798.8	1798.8	1783.4	1777.6	1779.6	1791.0	1768.0
35°	1742.9	1737.2	1742.9	1741.0	1742.9	1737.2	1727.6	1725.6	1718.0	1731.5	1714.2
37.5°	1673.7	1668.0	1673.7	1673.7	1673.7	1677.5	1669.9	1664.1	1652.6	1669.9	1656.4
40°	1602.6	1594.8	1602.6	1600.6	1602.6	1606.4	1602.6	1598.7	1587.2	1600.6	1589.1
42.5°	1521.8	1519.8	1521.8	1523.7	1523.7	1531.3	1537.2	1529.4	1525.6	1515.9	1523.7
45°	1435.2	1431.3	1435.2	1439.0	1441.0	1444.8	1462.1	1462.1	1456.4	1441.0	1452.5
47.5°	1342.8	1333.2	1342.8	1354.4	1354.4	1360.2	1377.5	1390.9	1381.3	1362.1	1367.8
50°	1244.7	1246.6	1244.7	1252.4	1252.4	1273.6	1287.0	1300.5	1310.1	1287.0	1260.1
52.5°	1148.5	1146.6	1148.5	1154.3	1162.0	1171.6	1194.7	1208.1	1223.5	1210.1	1167.8
55°	1052.3	1056.2	1052.3	1054.3	1058.1	1063.9	1098.5	1112.0	1140.8	1123.5	1079.3
57.5°	956.1	950.4	956.1	960.0	961.9	967.7	996.5	1021.5	1038.9	1040.8	986.9
60°	844.5	836.9	844.5	861.9	865.7	869.6	896.5	919.6	935.0	940.7	885.0
62.5°	746.4	733.0	746.4	758.0	765.7	775.3	794.5	829.2	842.6	844.5	765.7
65°	642.6	636.8	642.6	665.6	667.5	679.1	700.3	725.3	754.1	750.3	636.8
67.5°	548.3	548.3	548.3	563.7	575.2	581.0	607.9	619.5	656.0	659.9	531.0
70°	461.7	459.8	461.7	473.2	481.0	494.4	519.4	532.9	561.8	571.4	431.0
72.5°	379.0	377.0	379.0	388.6	396.3	407.8	429.0	444.4	469.4	481.0	334.8
75°	305.9	302.1	305.9	313.5	311.6	327.0	344.3	359.7	382.9	390.5	248.1
77.5°	234.7	234.7	234.7	242.4	242.4	257.8	265.5	284.8	298.2	309.7	182.7
80°	175.1	173.2	175.1	177.0	177.0	184.6	198.1	211.6	223.2	223.2	125.1
82.5°	123.2	119.2	123.2	123.2	123.2	127.0	134.6	138.6	146.2	151.9	78.9
85°	77.0	77.0	77.0	78.9	77.0	80.8	82.7	86.5	86.5	82.7	48.1
87.5°	50.0	48.1	50.0	48.1	48.1	46.2	46.2	46.2	44.3	42.4	27.0
90°	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7	12.6	8.0
92.5°	43.8	35.1	43.8	52.4	54.6	77.4	107.8	123.0	108.0	77.9	55.5
95°	152.4	126.1	152.4	178.7	185.3	243.4	320.7	359.4	303.6	191.8	108.0
97.5°	365.3	315.2	365.3	415.3	427.8	464.5	513.4	537.9	444.7	258.4	118.7
100°	526.3	466.6	526.3	585.9	600.8	598.1	594.6	592.7	489.4	282.7	127.6
102.5°	684.5	633.5	684.5	735.6	748.4	701.7	639.4	608.2	503.4	293.7	136.4
105°	886.5	859.0	886.5	913.9	920.8	816.0	676.3	606.5	505.0	302.0	149.6
107.5°	1018.8	1025.4	1018.8	1012.1	1010.5	864.3	669.4	572.0	482.5	303.5	169.2
110°	1069.2	1097.8	1069.2	1040.6	1033.5	870.0	652.2	543.3	462.6	301.2	180.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1073.7	1117.6	1073.7	1029.8	1018.8	851.6	628.7	517.2	445.2	301.3	193.3
115°	1045.2	1106.1	1045.2	984.3	969.1	808.0	593.2	485.8	425.2	304.1	213.2
117.5°	984.9	1052.4	984.9	917.4	900.4	755.1	561.3	464.3	412.8	309.7	232.5
120°	936.2	1001.8	936.2	870.6	854.2	721.4	544.2	455.6	408.5	314.3	243.6
122.5°	888.9	953.6	888.9	824.0	807.9	688.3	528.8	449.0	406.3	320.9	256.8
125°	821.2	880.8	821.2	761.6	746.7	645.0	509.6	441.9	404.6	329.9	273.9
127.5°	760.5	810.8	760.5	710.2	697.5	610.3	494.0	435.8	403.5	338.8	290.2
130°	724.7	771.2	724.7	678.2	666.6	588.9	485.4	433.5	404.1	345.3	301.1
132.5°	692.2	733.8	692.2	650.6	640.2	570.7	477.9	431.5	404.6	350.5	310.0
135°	647.6	683.5	647.6	611.8	602.8	544.6	466.9	428.1	404.2	356.3	320.3
137.5°	611.9	641.3	611.9	582.5	575.2	525.9	460.3	427.5	406.7	364.9	333.5
140°	587.4	614.8	587.4	559.9	553.1	510.5	453.8	425.5	407.1	370.1	342.5
142.5°	567.1	590.7	567.1	543.5	537.6	500.2	450.4	425.5	408.5	374.5	349.1
145°	536.6	554.5	536.6	518.7	514.2	483.7	443.0	422.6	408.5	380.3	359.1
147.5°	513.3	528.1	513.3	498.5	494.7	470.7	438.7	422.6	411.4	388.7	371.8
150°	498.6	510.5	498.6	486.5	483.5	463.3	436.2	422.6	412.8	393.1	378.4
152.5°	485.9	495.0	485.9	476.9	474.7	457.3	434.2	422.6	413.7	396.0	382.7
155°	471.5	477.5	471.5	465.6	464.0	450.3	431.8	422.6	415.8	402.3	392.1
157.5°	460.1	464.3	460.1	455.8	454.8	444.1	429.8	422.6	418.0	408.7	401.7
160°	453.2	455.6	453.2	450.7	450.2	441.0	428.8	422.6	418.9	411.5	406.0
162.5°	448.7	451.0	448.7	446.4	445.9	438.1	427.8	422.6	420.0	414.6	410.6
165°	442.3	444.7	442.3	439.8	439.3	433.7	426.4	422.6	421.4	419.0	417.2
167.5°	437.6	438.7	437.6	436.7	436.4	432.8	427.9	425.5	424.5	422.4	420.9
170°	436.4	436.4	436.4	436.4	436.4	432.8	427.9	425.5	425.4	425.3	425.2
172.5°	433.0	432.1	433.0	433.9	434.1	431.2	427.4	425.5	425.5	425.5	425.5
175°	431.0	431.0	431.0	431.0	431.0	429.1	426.7	425.5	426.1	427.2	428.1
177.5°	429.1	428.1	429.1	430.1	430.4	428.9	427.0	426.1	426.6	427.4	428.1
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2062.3	2050.7	2050.7	2031.5	2023.9	2018.0	2008.5	1979.6	1972.0	1964.2	1975.8
5°	2079.6	2058.5	2043.1	2008.5	1979.6	1968.0	1931.5	1862.3	1816.1	1781.5	1762.3
7.5°	2083.4	2056.6	2027.7	1973.9	1904.5	1873.8	1762.3	1635.3	1600.6	1569.9	1550.6
10°	2079.6	2048.8	2008.5	1927.7	1764.2	1710.2	1598.7	1515.9	1494.8	1489.1	1494.8
12.5°	2066.1	2037.4	1981.5	1846.9	1618.0	1581.4	1515.9	1467.9	1464.0	1473.7	1525.6
15°	2043.1	2016.1	1950.7	1739.1	1537.2	1510.2	1464.0	1446.7	1467.9	1535.2	1691.0
17.5°	2020.1	1989.3	1908.5	1633.4	1475.6	1456.4	1423.6	1458.3	1577.5	1668.0	1719.9
20°	1989.3	1952.6	1860.4	1556.4	1431.3	1414.0	1398.6	1554.5	1644.8	1677.5	1706.4
22.5°	1952.6	1914.2	1795.0	1502.5	1385.1	1371.7	1381.3	1608.3	1644.8	1668.0	1692.9
25°	1904.5	1871.8	1718.0	1460.2	1348.6	1333.2	1369.7	1602.6	1623.7	1629.4	1679.5
27.5°	1860.4	1818.0	1637.2	1421.7	1304.3	1298.6	1379.4	1577.5	1592.9	1598.7	1652.6
30°	1806.4	1742.9	1546.7	1381.3	1258.2	1256.2	1381.3	1546.7	1542.9	1558.3	1612.1
32.5°	1750.7	1631.4	1444.8	1331.3	1213.9	1212.0	1367.8	1500.6	1496.7	1517.9	1558.3
35°	1698.8	1544.8	1306.3	1273.6	1158.1	1160.1	1335.1	1446.7	1448.6	1467.9	1492.9
37.5°	1644.8	1469.8	1154.3	1210.1	1104.3	1104.3	1290.9	1396.7	1392.9	1398.6	1433.2
40°	1581.4	1352.4	1019.6	1127.4	1054.3	1048.5	1237.0	1342.8	1329.4	1327.5	1375.5
42.5°	1514.0	1223.5	919.6	1017.7	996.5	988.8	1171.6	1277.4	1252.4	1258.2	1319.7
45°	1441.0	1188.9	842.6	859.9	936.9	931.1	1100.4	1202.4	1185.1	1200.5	1264.0
47.5°	1367.8	1119.7	817.6	713.7	873.4	871.5	1021.5	1129.3	1119.7	1135.1	1202.4
50°	1267.8	1042.7	815.7	611.8	802.2	809.9	927.3	1058.1	1058.1	1071.6	1142.7
52.5°	1138.9	948.4	740.7	554.0	719.5	742.6	844.5	996.5	1000.4	1013.9	1077.3
55°	1021.5	850.3	686.8	509.8	621.4	671.4	763.7	933.1	940.7	954.2	1011.9
57.5°	913.8	708.0	675.3	457.8	531.0	579.1	692.6	871.5	875.3	886.9	942.7
60°	798.4	511.8	619.5	402.1	452.1	488.6	627.2	798.4	811.8	819.6	867.6
62.5°	667.5	371.3	561.8	363.6	413.6	421.3	573.3	729.1	746.4	752.2	781.1
65°	475.2	311.6	477.1	330.9	373.2	375.1	515.6	658.0	673.4	682.9	704.1
67.5°	321.3	254.0	363.6	300.1	342.4	344.3	459.8	575.2	596.4	604.1	617.5
70°	223.2	169.3	269.4	267.4	307.8	311.6	400.2	500.2	519.4	525.2	532.9
72.5°	163.5	136.5	223.2	240.5	271.3	275.1	338.6	415.6	434.8	440.5	444.4
75°	125.1	144.3	180.8	209.7	230.8	232.7	277.0	338.6	352.1	355.9	357.8
77.5°	100.0	134.6	132.7	169.3	188.6	184.6	217.4	261.6	273.2	273.2	273.2
80°	75.1	105.9	100.0	121.2	138.6	134.6	155.9	186.6	190.5	194.3	192.4
82.5°	55.7	67.3	67.3	77.0	92.4	88.5	103.8	121.2	121.2	121.2	125.1
85°	34.6	38.4	30.8	40.4	51.9	50.0	57.8	65.4	67.3	67.3	63.5
87.5°	21.1	17.3	9.7	15.4	23.0	23.0	27.0	28.9	27.0	27.0	27.0
90°	7.5	5.2	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5
92.5°	50.6	31.0	11.5	31.0	50.6	55.5	77.9	108.0	123.0	107.8	77.4
95°	99.1	63.3	27.5	63.3	99.1	108.0	191.8	303.6	359.4	320.7	243.4
97.5°	110.8	79.3	47.7	79.3	110.8	118.7	258.4	444.7	537.9	513.4	464.5
100°	120.4	91.8	63.2	91.8	120.4	127.6	282.7	489.4	592.7	594.6	598.1
102.5°	129.8	103.1	76.4	103.1	129.8	136.4	293.7	503.4	608.2	639.4	701.7
105°	144.0	121.4	98.9	121.4	144.0	149.6	302.0	505.0	606.5	676.3	816.0
107.5°	164.0	142.9	121.8	142.9	164.0	169.2	303.5	482.5	572.0	669.4	864.3
110°	175.4	156.3	137.3	156.3	175.4	180.1	301.2	462.6	543.3	652.2	870.0

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	188.8	170.7	152.6	170.7	188.8	193.3	301.3	445.2	517.2	628.7	851.6
115°	209.0	192.3	175.6	192.3	209.0	213.2	304.1	425.2	485.8	593.2	808.0
117.5°	228.6	213.4	198.2	213.4	228.6	232.5	309.7	412.8	464.3	561.3	755.1
120°	240.1	225.8	211.4	225.8	240.1	243.6	314.3	408.5	455.6	544.2	721.4
122.5°	253.2	238.9	224.4	238.9	253.2	256.8	320.9	406.3	449.0	528.8	688.3
125°	270.6	257.4	244.2	257.4	270.6	273.9	329.9	404.6	441.9	509.6	645.0
127.5°	286.9	273.6	260.3	273.6	286.9	290.2	338.8	403.5	435.8	494.0	610.3
130°	297.6	283.2	268.9	283.2	297.6	301.1	345.3	404.1	433.5	485.4	588.9
132.5°	306.5	292.1	277.9	292.1	306.5	310.0	350.5	404.6	431.5	477.9	570.7
135°	317.1	304.1	291.1	304.1	317.1	320.3	356.3	404.2	428.1	466.9	544.6
137.5°	330.3	317.5	304.5	317.5	330.3	333.5	364.9	406.7	427.5	460.3	525.9
140°	339.5	327.6	315.7	327.6	339.5	342.5	370.1	407.1	425.5	453.8	510.5
142.5°	346.3	335.3	324.3	335.3	346.3	349.1	374.5	408.5	425.5	450.4	500.2
145°	356.8	347.2	337.6	347.2	356.8	359.1	380.3	408.5	422.6	443.0	483.7
147.5°	369.5	360.1	350.8	360.1	369.5	371.8	388.7	411.4	422.6	438.7	470.7
150°	376.3	367.8	359.4	367.8	376.3	378.4	393.1	412.8	422.6	436.2	463.3
152.5°	381.0	374.7	368.3	374.7	381.0	382.7	396.0	413.7	422.6	434.2	457.3
155°	391.0	386.2	381.5	386.2	391.0	392.1	402.3	415.8	422.6	431.8	450.3
157.5°	400.5	395.9	391.3	395.9	400.5	401.7	408.7	418.0	422.6	429.8	444.1
160°	405.1	401.5	398.0	401.5	405.1	406.0	411.5	418.9	422.6	428.8	441.0
162.5°	409.9	407.2	404.6	407.2	409.9	410.6	414.6	420.0	422.6	427.8	438.1
165°	416.6	414.1	411.7	414.1	416.6	417.2	419.0	421.4	422.6	426.4	433.7
167.5°	420.6	419.5	418.3	419.5	420.6	420.9	422.4	424.5	425.5	427.9	432.8
170°	424.9	423.8	422.6	423.8	424.9	425.2	425.3	425.4	425.5	427.9	432.8
172.5°	425.4	425.2	424.9	425.2	425.4	425.5	425.5	425.5	425.5	427.4	431.2
175°	428.1	428.1	428.1	428.1	428.1	428.1	427.2	426.1	425.5	426.7	429.1
177.5°	428.1	428.1	428.1	428.1	428.1	428.1	427.4	426.6	426.1	427.0	428.9
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	1962.3	1956.6	1964.2	1943.1	1964.2	1956.6	1962.3	1975.8	1964.2	1972.0	1979.6
5°	1721.8	1712.2	1681.5	1656.4	1681.5	1712.2	1721.8	1762.3	1781.5	1816.1	1862.3
7.5°	1539.1	1531.3	1523.7	1508.3	1523.7	1531.3	1539.1	1550.6	1569.9	1600.6	1635.3
10°	1498.6	1500.6	1512.1	1510.2	1512.1	1500.6	1498.6	1494.8	1489.1	1494.8	1515.9
12.5°	1602.6	1619.9	1683.4	1679.5	1683.4	1619.9	1602.6	1525.6	1473.7	1464.0	1467.9
15°	1721.8	1727.6	1741.0	1742.9	1741.0	1727.6	1721.8	1691.0	1535.2	1467.9	1446.7
17.5°	1733.4	1735.3	1744.9	1744.9	1744.9	1735.3	1733.4	1719.9	1668.0	1577.5	1458.3
20°	1723.7	1727.6	1746.9	1750.7	1746.9	1727.6	1723.7	1706.4	1677.5	1644.8	1554.5
22.5°	1719.9	1727.6	1742.9	1741.0	1742.9	1727.6	1719.9	1692.9	1668.0	1644.8	1608.3
25°	1700.7	1700.7	1702.6	1704.5	1702.6	1700.7	1700.7	1679.5	1629.4	1623.7	1602.6
27.5°	1660.2	1664.1	1675.6	1673.7	1675.6	1664.1	1660.2	1652.6	1598.7	1592.9	1577.5
30°	1623.7	1619.9	1610.2	1602.6	1610.2	1619.9	1623.7	1612.1	1558.3	1542.9	1546.7
32.5°	1562.1	1552.5	1542.9	1537.2	1542.9	1552.5	1562.1	1558.3	1517.9	1496.7	1500.6
35°	1489.1	1491.0	1489.1	1483.2	1489.1	1491.0	1489.1	1492.9	1467.9	1448.6	1446.7
37.5°	1437.1	1441.0	1439.0	1431.3	1439.0	1441.0	1437.1	1433.2	1398.6	1392.9	1396.7
40°	1383.2	1385.1	1383.2	1377.5	1383.2	1385.1	1383.2	1375.5	1327.5	1329.4	1342.8
42.5°	1331.3	1329.4	1323.6	1319.7	1323.6	1329.4	1331.3	1319.7	1258.2	1252.4	1277.4
45°	1271.6	1273.6	1262.0	1256.2	1262.0	1273.6	1271.6	1264.0	1200.5	1185.1	1202.4
47.5°	1212.0	1212.0	1202.4	1196.6	1202.4	1212.0	1212.0	1202.4	1135.1	1119.7	1129.3
50°	1148.5	1146.6	1133.1	1131.2	1133.1	1146.6	1148.5	1142.7	1071.6	1058.1	1058.1
52.5°	1075.4	1075.4	1077.3	1081.2	1077.3	1075.4	1075.4	1077.3	1013.9	1000.4	996.5
55°	1011.9	1013.9	1027.3	1031.2	1027.3	1013.9	1011.9	1011.9	954.2	940.7	933.1
57.5°	946.5	946.5	956.1	956.1	956.1	946.5	946.5	942.7	886.9	875.3	871.5
60°	871.5	875.3	883.0	881.1	883.0	875.3	871.5	867.6	819.6	811.8	798.4
62.5°	792.6	796.5	798.4	794.5	798.4	796.5	792.6	781.1	752.2	746.4	729.1
65°	709.9	713.7	715.6	711.8	715.6	713.7	709.9	704.1	682.9	673.4	658.0
67.5°	625.3	623.3	621.4	629.1	621.4	623.3	625.3	617.5	604.1	596.4	575.2
70°	538.6	538.6	536.7	540.6	536.7	538.6	538.6	532.9	525.2	519.4	500.2
72.5°	446.4	444.4	452.1	446.4	452.1	444.4	446.4	444.4	440.5	434.8	415.6
75°	355.9	359.7	355.9	361.6	355.9	359.7	355.9	357.8	355.9	352.1	338.6
77.5°	271.3	275.1	271.3	271.3	271.3	275.1	271.3	273.2	273.2	273.2	261.6
80°	192.4	190.5	190.5	188.6	190.5	190.5	192.4	192.4	194.3	190.5	186.6
82.5°	123.2	121.2	121.2	125.1	121.2	121.2	123.2	125.1	121.2	121.2	121.2
85°	67.3	69.2	65.4	65.4	65.4	69.2	67.3	63.5	67.3	67.3	65.4
87.5°	25.1	23.0	23.0	23.0	23.0	23.0	25.1	27.0	27.0	27.0	28.9
90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7
92.5°	54.6	52.4	43.8	35.1	43.8	52.4	54.6	77.4	107.8	123.0	108.0
95°	185.3	178.7	152.4	126.1	152.4	178.7	185.3	243.4	320.7	359.4	303.6
97.5°	427.8	415.3	365.3	315.2	365.3	415.3	427.8	464.5	513.4	537.9	444.7
100°	600.8	585.9	526.3	466.6	526.3	585.9	600.8	598.1	594.6	592.7	489.4
102.5°	748.4	735.6	684.5	633.5	684.5	735.6	748.4	701.7	639.4	608.2	503.4
105°	920.8	913.9	886.5	859.0	886.5	913.9	920.8	816.0	676.3	606.5	505.0
107.5°	1010.5	1012.1	1018.8	1025.4	1018.8	1012.1	1010.5	864.3	669.4	572.0	482.5
110°	1033.5	1040.6	1069.2	1097.8	1069.2	1040.6	1033.5	870.0	652.2	543.3	462.6

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1018.8	1029.8	1073.7	1117.6	1073.7	1029.8	1018.8	851.6	628.7	517.2	445.2
115°	969.1	984.3	1045.2	1106.1	1045.2	984.3	969.1	808.0	593.2	485.8	425.2
117.5°	900.4	917.4	984.9	1052.4	984.9	917.4	900.4	755.1	561.3	464.3	412.8
120°	854.2	870.6	936.2	1001.8	936.2	870.6	854.2	721.4	544.2	455.6	408.5
122.5°	807.9	824.0	888.9	953.6	888.9	824.0	807.9	688.3	528.8	449.0	406.3
125°	746.7	761.6	821.2	880.8	821.2	761.6	746.7	645.0	509.6	441.9	404.6
127.5°	697.5	710.2	760.5	810.8	760.5	710.2	697.5	610.3	494.0	435.8	403.5
130°	666.6	678.2	724.7	771.2	724.7	678.2	666.6	588.9	485.4	433.5	404.1
132.5°	640.2	650.6	692.2	733.8	692.2	650.6	640.2	570.7	477.9	431.5	404.6
135°	602.8	611.8	647.6	683.5	647.6	611.8	602.8	544.6	466.9	428.1	404.2
137.5°	575.2	582.5	611.9	641.3	611.9	582.5	575.2	525.9	460.3	427.5	406.7
140°	553.1	559.9	587.4	614.8	587.4	559.9	553.1	510.5	453.8	425.5	407.1
142.5°	537.6	543.5	567.1	590.7	567.1	543.5	537.6	500.2	450.4	425.5	408.5
145°	514.2	518.7	536.6	554.5	536.6	518.7	514.2	483.7	443.0	422.6	408.5
147.5°	494.7	498.5	513.3	528.1	513.3	498.5	494.7	470.7	438.7	422.6	411.4
150°	483.5	486.5	498.6	510.5	498.6	486.5	483.5	463.3	436.2	422.6	412.8
152.5°	474.7	476.9	485.9	495.0	485.9	476.9	474.7	457.3	434.2	422.6	413.7
155°	464.0	465.6	471.5	477.5	471.5	465.6	464.0	450.3	431.8	422.6	415.8
157.5°	454.8	455.8	460.1	464.3	460.1	455.8	454.8	444.1	429.8	422.6	418.0
160°	450.2	450.7	453.2	455.6	453.2	450.7	450.2	441.0	428.8	422.6	418.9
162.5°	445.9	446.4	448.7	451.0	448.7	446.4	445.9	438.1	427.8	422.6	420.0
165°	439.3	439.8	442.3	444.7	442.3	439.8	439.3	433.7	426.4	422.6	421.4
167.5°	436.4	436.7	437.6	438.7	437.6	436.7	436.4	432.8	427.9	425.5	424.5
170°	436.4	436.4	436.4	436.4	436.4	436.4	436.4	432.8	427.9	425.5	425.4
172.5°	434.1	433.9	433.0	432.1	433.0	433.9	434.1	431.2	427.4	425.5	425.5
175°	431.0	431.0	431.0	431.0	431.0	431.0	431.0	429.1	426.7	425.5	426.1
177.5°	430.4	430.1	429.1	428.1	429.1	430.1	430.4	428.9	427.0	426.1	426.6
180°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2008.5	2018.0	2023.9	2031.5	2050.7
5°	1931.5	1968.0	1979.6	2008.5	2043.1
7.5°	1762.3	1873.8	1904.5	1973.9	2027.7
10°	1598.7	1710.2	1764.2	1927.7	2008.5
12.5°	1515.9	1581.4	1618.0	1846.9	1981.5
15°	1464.0	1510.2	1537.2	1739.1	1950.7
17.5°	1423.6	1456.4	1475.6	1633.4	1908.5
20°	1398.6	1414.0	1431.3	1556.4	1860.4
22.5°	1381.3	1371.7	1385.1	1502.5	1795.0
25°	1369.7	1333.2	1348.6	1460.2	1718.0
27.5°	1379.4	1298.6	1304.3	1421.7	1637.2
30°	1381.3	1256.2	1258.2	1381.3	1546.7
32.5°	1367.8	1212.0	1213.9	1331.3	1444.8
35°	1335.1	1160.1	1158.1	1273.6	1306.3
37.5°	1290.9	1104.3	1104.3	1210.1	1154.3
40°	1237.0	1048.5	1054.3	1127.4	1019.6
42.5°	1171.6	988.8	996.5	1017.7	919.6
45°	1100.4	931.1	936.9	859.9	842.6
47.5°	1021.5	871.5	873.4	713.7	817.6
50°	927.3	809.9	802.2	611.8	815.7
52.5°	844.5	742.6	719.5	554.0	740.7
55°	763.7	671.4	621.4	509.8	686.8
57.5°	692.6	579.1	531.0	457.8	675.3
60°	627.2	488.6	452.1	402.1	619.5
62.5°	573.3	421.3	413.6	363.6	561.8
65°	515.6	375.1	373.2	330.9	477.1
67.5°	459.8	344.3	342.4	300.1	363.6
70°	400.2	311.6	307.8	267.4	269.4
72.5°	338.6	275.1	271.3	240.5	223.2
75°	277.0	232.7	230.8	209.7	180.8
77.5°	217.4	184.6	188.6	169.3	132.7
80°	155.9	134.6	138.6	121.2	100.0
82.5°	103.8	88.5	92.4	77.0	67.3
85°	57.8	50.0	51.9	40.4	30.8
87.5°	27.0	23.0	23.0	15.4	9.7
90°	12.6	8.0	7.5	5.2	2.9
92.5°	77.9	55.5	50.6	31.0	11.5
95°	191.8	108.0	99.1	63.3	27.5
97.5°	258.4	118.7	110.8	79.3	47.7
100°	282.7	127.6	120.4	91.8	63.2
102.5°	293.7	136.4	129.8	103.1	76.4
105°	302.0	149.6	144.0	121.4	98.9
107.5°	303.5	169.2	164.0	142.9	121.8
110°	301.2	180.1	175.4	156.3	137.3



TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	301.3	193.3	188.8	170.7	152.6
115°	304.1	213.2	209.0	192.3	175.6
117.5°	309.7	232.5	228.6	213.4	198.2
120°	314.3	243.6	240.1	225.8	211.4
122.5°	320.9	256.8	253.2	238.9	224.4
125°	329.9	273.9	270.6	257.4	244.2
127.5°	338.8	290.2	286.9	273.6	260.3
130°	345.3	301.1	297.6	283.2	268.9
132.5°	350.5	310.0	306.5	292.1	277.9
135°	356.3	320.3	317.1	304.1	291.1
137.5°	364.9	333.5	330.3	317.5	304.5
140°	370.1	342.5	339.5	327.6	315.7
142.5°	374.5	349.1	346.3	335.3	324.3
145°	380.3	359.1	356.8	347.2	337.6
147.5°	388.7	371.8	369.5	360.1	350.8
150°	393.1	378.4	376.3	367.8	359.4
152.5°	396.0	382.7	381.0	374.7	368.3
155°	402.3	392.1	391.0	386.2	381.5
157.5°	408.7	401.7	400.5	395.9	391.3
160°	411.5	406.0	405.1	401.5	398.0
162.5°	414.6	410.6	409.9	407.2	404.6
165°	419.0	417.2	416.6	414.1	411.7
167.5°	422.4	420.9	420.6	419.5	418.3
170°	425.3	425.2	424.9	423.8	422.6
172.5°	425.5	425.5	425.4	425.2	424.9
175°	427.2	428.1	428.1	428.1	428.1
177.5°	427.4	428.1	428.1	428.1	428.1
180°	428.1	428.1	428.1	428.1	428.1

TEST NUMBER: P933830

CATALOG NUMBER: SQ4-FA-025U-050D-92765-1D-UNV-STD-W-12-6500K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.52	13.54	13.33	14.38	15.41	15.37	16.39	16.18	17.23	18.26
	3H	13.01	13.93	13.84	14.77	15.83	16.74	17.65	17.56	18.50	19.56
	4H	13.21	14.07	14.05	14.93	16.00	17.19	18.06	18.04	18.91	19.98
	6H	13.34	14.13	14.19	14.99	16.08	17.49	18.29	18.35	19.15	20.23
	8H	13.34	14.10	14.21	14.98	16.06	17.57	18.33	18.44	19.21	20.29
	12H	13.32	14.04	14.19	14.91	16.02	17.62	18.35	18.49	19.22	20.33
4H	2H	13.58	14.44	14.43	15.29	16.36	15.80	16.67	16.65	17.52	18.59
	3H	14.62	15.34	15.48	16.23	17.31	17.33	18.05	18.19	18.93	20.02
	4H	14.90	15.56	15.77	16.44	17.55	17.87	18.52	18.74	19.40	20.52
	6H	15.04	15.60	15.92	16.51	17.63	18.25	18.81	19.13	19.72	20.83
	8H	15.05	15.58	15.94	16.48	17.61	18.36	18.89	19.25	19.79	20.92
	12H	15.02	15.50	15.93	16.42	17.55	18.43	18.91	19.34	19.83	20.96
8H	4H	15.37	15.90	16.26	16.80	17.93	18.00	18.53	18.89	19.43	20.56
	6H	15.64	16.08	16.56	17.02	18.15	18.45	18.89	19.37	19.83	20.96
	8H	15.69	16.07	16.61	17.01	18.15	18.61	19.00	19.54	19.93	21.08
	12H	15.68	16.02	16.61	16.95	18.14	18.72	19.06	19.65	19.99	21.18
12H	4H	15.39	15.87	16.30	16.78	17.92	17.98	18.45	18.88	19.37	20.51
	6H	15.71	16.09	16.63	17.03	18.17	18.45	18.84	19.38	19.77	20.92
	8H	15.78	16.12	16.71	17.05	18.24	18.62	18.97	19.55	19.89	21.09

END OF REPORT