

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: P936144

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936144
REPORT IS A COMBINATION OF REPORTS P933784 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

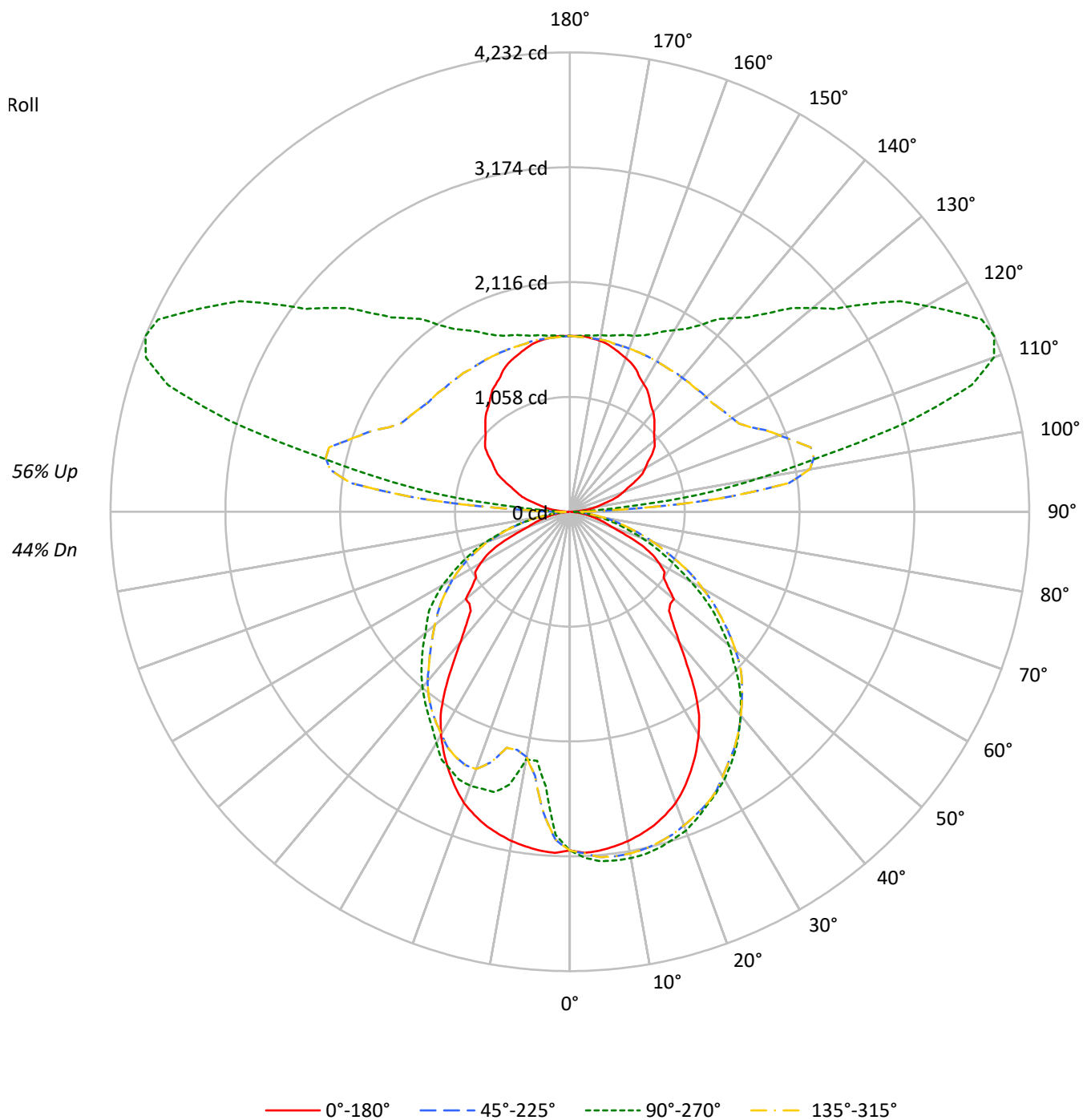
Lumens per Lamp: N/A
Luminaire Lumens: 18601.4 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 166.4
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: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14581	14610	14581	11488
10°	14484	14391	14484	10289
15°	14326	14079	14326	11757
20°	14026	13710	14026	11781
25°	13414	13171	13414	11532
30°	12621	12724	12621	10984
35°	11251	12158	11251	10381
40°	9375	11493	9375	9926
45°	8377	10713	8377	9402
50°	8899	9783	8899	8877
55°	8373	8781	8373	8574
60°	8631	7458	8631	7853
65°	7825	6165	7825	6892
70°	5419	4913	5419	5777
75°	4751	3632	4751	4349
80°	3830	2401	3830	2615
85°	2199	1272	2199	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 12838 cd/sqm

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.6	1.5
10°-20°	799.5	4.3
20°-30°	1235.9	6.6
30°-40°	1475.4	7.9
40°-50°	1484.0	8.0
50°-60°	1291.3	6.9
60°-70°	915.5	4.9
70°-80°	484.4	2.6
80°-90°	126.8	0.7
90°-100°	790.1	4.2
100°-110°	2077.1	11.2
110°-120°	2153.8	11.6
120°-130°	1727.6	9.3
130°-140°	1355.5	7.3
140°-150°	1040.4	5.6
150°-160°	749.3	4.0
160°-170°	458.4	2.5
170°-180°	154.9	0.8
0°-30°	2316.9	12.5
0°-40°	3792.3	20.4
0°-60°	6567.6	35.3
0°-90°	8094.3	43.5
90°-120°	5020.9	27.0
90°-150°	9144.4	49.2
90°-180°	10507.0	56.5
0°-180°	18601.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3119	3119	3119	3119	3119	
5°	3134	3232	3134	2541	3134	297
15°	2993	3202	2993	2674	2993	842
25°	2636	2987	2636	2615	2636	1210
35°	2004	2665	2004	2275	2004	1240
45°	1293	2196	1293	1927	1293	1035
55°	1054	1620	1054	1582	1054	968
65°	732	977	732	1092	732	699
75°	277	463	277	555	277	292
85°	47	118	47	100	47	64
90°	11	41	11	41	11	11
95°	104	478	104	478	104	116
105°	374	3252	374	3252	374	397
115°	665	4188	665	4188	665	656
125°	925	3335	925	3335	925	821
135°	1102	2588	1102	2588	1102	853
145°	1278	2099	1278	2099	1278	801
155°	1445	1808	1445	1808	1445	664
165°	1559	1684	1559	1684	1559	440
175°	1621	1632	1621	1632	1621	154
180°	1621	1621	1621	1621	1621	

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3145.9	3145.9	3163.7	3169.6	3169.6	3160.8	3151.9	3160.8	3187.3	3196.2	3193.2
5°	3134.2	3157.8	3190.2	3196.2	3202.0	3199.1	3193.2	3199.1	3228.6	3234.5	3237.5
7.5°	3110.5	3154.8	3196.2	3205.0	3213.9	3205.0	3202.0	3208.0	3237.5	3243.4	3243.4
10°	3081.1	3143.1	3190.2	3196.2	3205.0	3196.2	3196.2	3208.0	3237.5	3243.4	3246.3
12.5°	3039.7	3125.3	3169.6	3175.5	3187.3	3184.3	3181.4	3193.2	3222.7	3228.6	3228.6
15°	2992.6	3092.8	3134.2	3140.1	3160.8	3154.8	3154.8	3166.6	3199.1	3208.0	3205.0
17.5°	2927.6	3051.5	3098.8	3107.6	3122.4	3119.4	3122.4	3134.2	3163.7	3169.6	3172.5
20°	2853.8	2995.4	3051.5	3060.4	3075.1	3075.1	3075.1	3089.9	3119.4	3131.2	3131.2
22.5°	2753.4	2936.5	2995.4	3001.4	3019.1	3019.1	3025.0	3045.7	3072.2	3075.1	3075.1
25°	2635.5	2871.5	2921.7	2939.4	2957.1	2966.0	2974.9	2986.6	2995.4	2992.6	2995.4
27.5°	2511.5	2788.9	2853.8	2865.6	2889.2	2898.1	2909.9	2912.9	2915.8	2924.6	2918.7
30°	2372.8	2673.8	2771.1	2783.0	2821.4	2827.2	2815.4	2821.4	2836.1	2842.0	2847.9
32.5°	2216.4	2502.7	2685.6	2712.2	2747.6	2729.9	2726.9	2735.7	2759.4	2759.4	2765.3
35°	2003.8	2369.8	2605.9	2629.5	2656.0	2635.5	2647.2	2650.2	2664.9	2673.8	2670.9
37.5°	1770.8	2254.7	2523.3	2541.0	2561.7	2535.1	2552.8	2561.7	2573.5	2567.5	2567.5
40°	1564.2	2074.7	2425.9	2437.7	2455.4	2434.7	2452.4	2458.4	2464.3	2458.4	2455.4
42.5°	1410.7	1877.0	2322.6	2337.3	2325.5	2340.3	2346.2	2358.0	2349.2	2337.3	2337.3
45°	1292.6	1823.9	2210.4	2228.1	2210.4	2234.1	2243.0	2243.0	2216.4	2210.4	2207.5
47.5°	1254.2	1717.6	2098.3	2098.3	2089.5	2119.0	2133.7	2113.0	2086.5	2077.6	2077.6
50°	1251.3	1599.6	1944.8	1933.0	1974.4	2009.8	1995.0	1974.4	1953.7	1921.3	1921.3
52.5°	1136.2	1454.9	1747.1	1791.4	1856.3	1877.0	1853.3	1832.7	1797.3	1782.5	1770.8
55°	1053.6	1304.5	1567.1	1655.6	1723.5	1750.1	1705.8	1685.1	1632.0	1623.2	1617.3
57.5°	1035.9	1086.0	1401.8	1513.9	1596.6	1593.6	1567.1	1528.8	1484.5	1475.6	1472.7
60°	950.3	785.0	1224.8	1357.6	1443.1	1434.3	1410.7	1375.3	1334.0	1328.0	1322.2
62.5°	861.7	569.6	1024.0	1174.5	1295.6	1292.6	1271.9	1218.8	1189.4	1174.5	1162.8
65°	731.9	478.1	728.9	976.9	1151.0	1156.8	1112.6	1074.3	1041.7	1024.0	1021.2
67.5°	557.8	389.5	492.9	814.6	1012.3	1006.3	950.3	932.6	891.3	882.4	864.7
70°	413.2	259.7	342.4	661.1	876.5	861.7	817.4	796.9	758.5	737.8	726.0
72.5°	342.4	209.5	250.9	513.5	737.8	720.1	681.8	658.1	625.7	608.0	596.1
75°	277.4	221.3	191.8	380.7	599.1	587.3	551.9	528.3	501.7	478.1	481.0
77.5°	203.6	206.6	153.5	280.4	475.2	457.5	436.8	407.2	395.5	371.8	371.8
80°	153.5	162.3	115.1	191.8	342.4	342.4	324.7	304.0	283.3	271.6	271.6
82.5°	103.2	103.2	85.5	121.0	233.2	224.3	212.5	206.6	194.8	188.9	188.9
85°	47.2	59.0	53.1	73.8	126.9	132.8	132.8	126.9	123.9	118.1	121.0
87.5°	14.7	26.6	32.4	41.3	65.0	67.8	70.8	70.8	70.8	73.8	73.8
90°	10.9	19.6	28.3	30.4	47.9	71.1	82.7	73.5	55.1	41.3	41.3
92.5°	43.5	117.5	191.5	210.0	295.2	408.8	465.6	408.0	293.0	206.7	198.5
95°	104.5	239.8	375.1	409.0	726.2	1149.3	1360.8	1214.3	921.4	701.6	676.7
97.5°	180.6	300.0	419.4	449.3	978.3	1683.7	2036.4	1943.8	1758.6	1619.7	1572.4
100°	239.3	347.6	455.9	483.0	1070.1	1852.7	2244.1	2250.9	2264.4	2274.5	2218.1
102.5°	289.3	390.4	491.4	516.7	1112.1	1905.9	2302.9	2420.9	2656.7	2833.7	2785.4
105°	374.2	459.7	545.4	566.7	1143.2	1911.9	2296.3	2560.8	3089.7	3486.4	3460.4
107.5°	461.2	541.0	620.7	640.7	1149.1	1826.9	2165.8	2534.7	3272.5	3825.8	3832.1
110°	520.0	592.0	664.1	682.0	1140.4	1751.5	2057.0	2469.4	3294.2	3912.8	3939.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	577.6	646.3	714.9	732.1	1140.7	1685.6	1958.0	2380.0	3224.2	3857.3	3898.9
115°	664.7	728.0	791.3	807.2	1151.3	1610.0	1839.5	2246.0	3059.2	3669.1	3726.7
117.5°	750.6	808.1	865.7	880.1	1172.6	1562.8	1757.8	2124.8	2858.7	3409.1	3473.0
120°	800.6	854.8	908.9	922.4	1190.1	1546.8	1725.2	2060.5	2731.1	3234.0	3296.1
122.5°	849.5	904.2	958.8	972.5	1215.1	1538.5	1700.2	2002.1	2606.0	3058.8	3120.1
125°	924.6	974.4	1024.2	1036.7	1248.8	1531.6	1673.0	1929.5	2442.4	2827.1	2883.6
127.5°	985.6	1035.8	1086.1	1098.7	1282.5	1527.6	1650.1	1870.3	2310.8	2641.1	2688.7
130°	1018.2	1072.3	1126.5	1140.0	1307.2	1530.0	1641.4	1837.5	2229.6	2523.7	2567.7
132.5°	1051.9	1106.1	1160.2	1173.8	1327.1	1531.6	1633.8	1809.3	2160.3	2423.6	2463.0
135°	1101.9	1151.3	1200.6	1212.9	1348.9	1530.2	1620.8	1767.8	2061.7	2282.2	2316.1
137.5°	1153.1	1201.9	1250.7	1262.9	1381.5	1539.6	1618.7	1742.9	1991.4	2177.7	2205.5
140°	1195.5	1240.5	1285.4	1296.6	1401.4	1541.1	1611.0	1718.3	1933.0	2094.0	2120.0
142.5°	1228.1	1269.7	1311.3	1321.7	1418.1	1546.7	1611.0	1705.3	1893.8	2035.2	2057.6
145°	1278.1	1314.4	1350.7	1359.8	1439.9	1546.7	1600.1	1677.2	1831.4	1947.2	1964.1
147.5°	1328.2	1363.5	1398.8	1407.6	1471.8	1557.4	1600.1	1660.8	1782.1	1873.1	1887.2
150°	1360.8	1392.7	1424.6	1432.6	1488.4	1562.9	1600.1	1651.4	1753.8	1830.7	1842.1
152.5°	1394.6	1418.7	1443.0	1449.0	1499.4	1566.5	1600.1	1643.9	1731.3	1797.0	1805.5
155°	1444.6	1462.5	1480.4	1484.8	1523.3	1574.5	1600.1	1634.9	1704.6	1756.8	1762.5
157.5°	1481.6	1499.0	1516.4	1520.7	1547.2	1582.5	1600.1	1627.2	1681.4	1722.0	1726.0
160°	1506.6	1520.1	1533.6	1537.0	1558.1	1586.1	1600.1	1623.3	1669.8	1704.6	1706.8
162.5°	1531.6	1541.8	1552.0	1554.5	1569.7	1590.0	1600.1	1619.7	1658.9	1688.3	1690.4
165°	1558.8	1567.9	1577.2	1579.4	1586.3	1595.5	1600.1	1614.1	1642.2	1663.2	1665.5
167.5°	1583.8	1588.1	1592.5	1593.6	1599.4	1607.2	1611.0	1620.2	1638.6	1652.3	1653.3
170°	1600.1	1604.5	1608.8	1609.9	1610.3	1610.7	1611.0	1620.2	1638.6	1652.3	1652.3
172.5°	1608.8	1609.8	1610.7	1611.0	1611.0	1611.0	1611.0	1618.2	1632.7	1643.6	1642.7
175°	1620.8	1620.8	1620.8	1620.8	1617.5	1613.2	1611.0	1615.6	1624.8	1631.7	1631.7
177.5°	1620.8	1620.8	1620.8	1620.8	1618.2	1614.8	1613.2	1616.8	1624.1	1629.5	1628.5
180°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3199.1	3190.2	3199.1	3193.2	3196.2	3187.3	3160.8	3151.9	3160.8	3169.6	3169.6
5°	3237.5	3231.6	3237.5	3237.5	3234.5	3228.6	3199.1	3193.2	3199.1	3202.0	3196.2
7.5°	3249.3	3240.4	3249.3	3243.4	3243.4	3237.5	3208.0	3202.0	3205.0	3213.9	3205.0
10°	3249.3	3240.4	3249.3	3246.3	3243.4	3237.5	3208.0	3196.2	3196.2	3205.0	3196.2
12.5°	3234.5	3228.6	3234.5	3228.6	3228.6	3222.7	3193.2	3181.4	3184.3	3187.3	3175.5
15°	3210.9	3202.0	3210.9	3205.0	3208.0	3199.1	3166.6	3154.8	3154.8	3160.8	3140.1
17.5°	3175.5	3163.7	3175.5	3172.5	3169.6	3163.7	3134.2	3122.4	3119.4	3122.4	3107.6
20°	3134.2	3125.3	3134.2	3131.2	3131.2	3119.4	3089.9	3075.1	3075.1	3075.1	3060.4
22.5°	3069.2	3060.4	3069.2	3075.1	3075.1	3072.2	3045.7	3025.0	3019.1	3019.1	3001.4
25°	2995.4	2986.6	2995.4	2995.4	2992.6	2995.4	2986.6	2974.9	2966.0	2957.1	2939.4
27.5°	2924.6	2918.7	2924.6	2918.7	2924.6	2915.8	2912.9	2909.9	2898.1	2889.2	2865.6
30°	2853.8	2847.9	2853.8	2847.9	2842.0	2836.1	2821.4	2815.4	2827.2	2821.4	2783.0
32.5°	2765.3	2759.4	2765.3	2765.3	2759.4	2759.4	2735.7	2726.9	2729.9	2747.6	2712.2
35°	2673.8	2664.9	2673.8	2670.9	2673.8	2664.9	2650.2	2647.2	2635.5	2656.0	2629.5
37.5°	2567.5	2558.7	2567.5	2567.5	2567.5	2573.5	2561.7	2552.8	2535.1	2561.7	2541.0
40°	2458.4	2446.6	2458.4	2455.4	2458.4	2464.3	2458.4	2452.4	2434.7	2455.4	2437.7
42.5°	2334.4	2331.5	2334.4	2337.3	2337.3	2349.2	2358.0	2346.2	2340.3	2325.5	2337.3
45°	2201.6	2195.7	2201.6	2207.5	2210.4	2216.4	2243.0	2243.0	2234.1	2210.4	2228.1
47.5°	2059.9	2045.2	2059.9	2077.6	2077.6	2086.5	2113.0	2133.7	2119.0	2089.5	2098.3
50°	1909.4	1912.4	1909.4	1921.3	1921.3	1953.7	1974.4	1995.0	2009.8	1974.4	1933.0
52.5°	1761.9	1758.9	1761.9	1770.8	1782.5	1797.3	1832.7	1853.3	1877.0	1856.3	1791.4
55°	1614.3	1620.2	1614.3	1617.3	1623.2	1632.0	1685.1	1705.8	1750.1	1723.5	1655.6
57.5°	1466.8	1457.9	1466.8	1472.7	1475.6	1484.5	1528.8	1567.1	1593.6	1596.6	1513.9
60°	1295.6	1283.8	1295.6	1322.2	1328.0	1334.0	1375.3	1410.7	1434.3	1443.1	1357.6
62.5°	1145.1	1124.4	1145.1	1162.8	1174.5	1189.4	1218.8	1271.9	1292.6	1295.6	1174.5
65°	985.7	976.9	985.7	1021.2	1024.0	1041.7	1074.3	1112.6	1156.8	1151.0	976.9
67.5°	841.1	841.1	841.1	864.7	882.4	891.3	932.6	950.3	1006.3	1012.3	814.6
70°	708.3	705.3	708.3	726.0	737.8	758.5	796.9	817.4	861.7	876.5	661.1
72.5°	581.4	578.4	581.4	596.1	608.0	625.7	658.1	681.8	720.1	737.8	513.5
75°	469.2	463.3	469.2	481.0	478.1	501.7	528.3	551.9	587.3	599.1	380.7
77.5°	360.1	360.1	360.1	371.8	371.8	395.5	407.2	436.8	457.5	475.2	280.4
80°	268.6	265.6	268.6	271.6	271.6	283.3	304.0	324.7	342.4	342.4	191.8
82.5°	188.9	183.0	188.9	188.9	188.9	194.8	206.6	212.5	224.3	233.2	121.0
85°	118.1	118.1	118.1	121.0	118.1	123.9	126.9	132.8	132.8	126.9	73.8
87.5°	76.7	73.8	76.7	73.8	73.8	70.8	70.8	70.8	67.8	65.0	41.3
90°	41.3	41.3	41.3	41.3	41.3	55.1	73.5	82.7	71.1	47.9	30.4
92.5°	165.6	132.7	165.6	198.5	206.7	293.0	408.0	465.6	408.8	295.2	210.0
95°	577.1	477.5	577.1	676.7	701.6	921.4	1214.3	1360.8	1149.3	726.2	409.0
97.5°	1382.8	1193.3	1382.8	1572.4	1619.7	1758.6	1943.8	2036.4	1683.7	978.3	449.3
100°	1992.3	1766.6	1992.3	2218.1	2274.5	2264.4	2250.9	2244.1	1852.7	1070.1	483.0
102.5°	2591.9	2398.6	2591.9	2785.4	2833.7	2656.7	2420.9	2302.9	1905.9	1112.1	516.7
105°	3356.5	3252.5	3356.5	3460.4	3486.4	3089.7	2560.8	2296.3	1911.9	1143.2	566.7
107.5°	3857.2	3882.3	3857.2	3832.1	3825.8	3272.5	2534.7	2165.8	1826.9	1149.1	640.7
110°	4048.2	4156.5	4048.2	3939.8	3912.8	3294.2	2469.4	2057.0	1751.5	1140.4	682.0

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4065.2	4231.5	4065.2	3898.9	3857.3	3224.2	2380.0	1958.0	1685.6	1140.7	732.1
115°	3957.4	4187.9	3957.4	3726.7	3669.1	3059.2	2246.0	1839.5	1610.0	1151.3	807.2
117.5°	3728.8	3984.6	3728.8	3473.0	3409.1	2858.7	2124.8	1757.8	1562.8	1172.6	880.1
120°	3544.6	3793.1	3544.6	3296.1	3234.0	2731.1	2060.5	1725.2	1546.8	1190.1	922.4
122.5°	3365.3	3610.4	3365.3	3120.1	3058.8	2606.0	2002.1	1700.2	1538.5	1215.1	972.5
125°	3109.4	3335.2	3109.4	2883.6	2827.1	2442.4	1929.5	1673.0	1531.6	1248.8	1036.7
127.5°	2879.3	3069.7	2879.3	2688.7	2641.1	2310.8	1870.3	1650.1	1527.6	1282.5	1098.7
130°	2743.7	2919.7	2743.7	2567.7	2523.7	2229.6	1837.5	1641.4	1530.0	1307.2	1140.0
132.5°	2620.5	2778.2	2620.5	2463.0	2423.6	2160.3	1809.3	1633.8	1531.6	1327.1	1173.8
135°	2452.0	2587.8	2452.0	2316.1	2282.2	2061.7	1767.8	1620.8	1530.2	1348.9	1212.9
137.5°	2316.7	2427.9	2316.7	2205.5	2177.7	1991.4	1742.9	1618.7	1539.6	1381.5	1262.9
140°	2223.9	2327.9	2223.9	2120.0	2094.0	1933.0	1718.3	1611.0	1541.1	1401.4	1296.6
142.5°	2147.0	2236.5	2147.0	2057.6	2035.2	1893.8	1705.3	1611.0	1546.7	1418.1	1321.7
145°	2031.8	2099.4	2031.8	1964.1	1947.2	1831.4	1677.2	1600.1	1546.7	1439.9	1359.8
147.5°	1943.2	1999.3	1943.2	1887.2	1873.1	1782.1	1660.8	1600.1	1557.4	1471.8	1407.6
150°	1887.6	1933.0	1887.6	1842.1	1830.7	1753.8	1651.4	1600.1	1562.9	1488.4	1432.6
152.5°	1839.9	1874.3	1839.9	1805.5	1797.0	1731.3	1643.9	1600.1	1566.5	1499.4	1449.0
155°	1785.2	1807.9	1785.2	1762.5	1756.8	1704.6	1634.9	1600.1	1574.5	1523.3	1484.8
157.5°	1741.9	1757.8	1741.9	1726.0	1722.0	1681.4	1627.2	1600.1	1582.5	1547.2	1520.7
160°	1716.1	1725.2	1716.1	1706.8	1704.6	1669.8	1623.3	1600.1	1586.1	1558.1	1537.0
162.5°	1699.1	1707.8	1699.1	1690.4	1688.3	1658.9	1619.7	1600.1	1590.0	1569.7	1554.5
165°	1674.7	1683.9	1674.7	1665.5	1663.2	1642.2	1614.1	1600.1	1595.5	1586.3	1579.4
167.5°	1657.2	1661.1	1657.2	1653.3	1652.3	1638.6	1620.2	1611.0	1607.2	1599.4	1593.6
170°	1652.3	1652.3	1652.3	1652.3	1652.3	1638.6	1620.2	1611.0	1610.7	1610.3	1609.9
172.5°	1639.4	1636.0	1639.4	1642.7	1643.6	1632.7	1618.2	1611.0	1611.0	1611.0	1611.0
175°	1631.7	1631.7	1631.7	1631.7	1631.7	1624.8	1615.6	1611.0	1613.2	1617.5	1620.8
177.5°	1624.6	1620.8	1624.6	1628.5	1629.5	1624.1	1616.8	1613.2	1614.8	1618.2	1620.8
180°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3163.7	3145.9	3145.9	3116.5	3104.7	3095.8	3081.1	3036.8	3025.0	3013.1	3030.9
5°	3190.2	3157.8	3134.2	3081.1	3036.8	3019.1	2963.0	2856.8	2786.0	2732.8	2703.3
7.5°	3196.2	3154.8	3110.5	3028.0	2921.7	2874.5	2703.3	2508.5	2455.4	2408.2	2378.6
10°	3190.2	3143.1	3081.1	2957.1	2706.3	2623.6	2452.4	2325.5	2293.1	2284.2	2293.1
12.5°	3169.6	3125.3	3039.7	2833.2	2482.0	2425.9	2325.5	2251.8	2245.8	2260.7	2340.3
15°	3134.2	3092.8	2992.6	2667.9	2358.0	2316.7	2245.8	2219.3	2251.8	2355.1	2594.1
17.5°	3098.8	3051.5	2927.6	2505.6	2263.5	2234.1	2183.9	2237.0	2420.0	2558.7	2638.3
20°	3051.5	2995.4	2853.8	2387.5	2195.7	2169.1	2145.6	2384.6	2523.3	2573.5	2617.8
22.5°	2995.4	2936.5	2753.4	2304.9	2124.9	2104.2	2119.0	2467.2	2523.3	2558.7	2597.1
25°	2921.7	2871.5	2635.5	2240.0	2068.8	2045.2	2101.3	2458.4	2490.8	2499.7	2576.4
27.5°	2853.8	2788.9	2511.5	2181.0	2000.9	1992.1	2116.0	2420.0	2443.6	2452.4	2535.1
30°	2771.1	2673.8	2372.8	2119.0	1930.1	1927.1	2119.0	2372.8	2366.9	2390.5	2473.1
32.5°	2685.6	2502.7	2216.4	2042.2	1862.2	1859.3	2098.3	2301.9	2296.1	2328.5	2390.5
35°	2605.9	2369.8	2003.8	1953.7	1776.6	1779.6	2048.1	2219.3	2222.3	2251.8	2290.1
37.5°	2523.3	2254.7	1770.8	1856.3	1694.0	1694.0	1980.2	2142.6	2136.7	2145.6	2198.7
40°	2425.9	2074.7	1564.2	1729.4	1617.3	1608.4	1897.6	2059.9	2039.3	2036.4	2110.1
42.5°	2322.6	1877.0	1410.7	1561.2	1528.8	1516.9	1797.3	1959.6	1921.3	1930.1	2024.5
45°	2210.4	1823.9	1292.6	1319.2	1437.2	1428.4	1688.1	1844.5	1817.9	1841.6	1939.0
47.5°	2098.3	1717.6	1254.2	1094.9	1339.9	1336.9	1567.1	1732.4	1717.6	1741.2	1844.5
50°	1944.8	1599.6	1251.3	938.5	1230.6	1242.5	1422.5	1623.2	1623.2	1643.8	1753.0
52.5°	1747.1	1454.9	1136.2	850.0	1103.7	1139.1	1295.6	1528.8	1534.6	1555.3	1652.7
55°	1567.1	1304.5	1053.6	782.0	953.2	1030.0	1171.7	1431.4	1443.1	1463.8	1552.3
57.5°	1401.8	1086.0	1035.9	702.4	814.6	888.3	1062.4	1336.9	1342.8	1360.5	1446.1
60°	1224.8	785.0	950.3	616.8	693.5	749.6	962.1	1224.8	1245.4	1257.2	1331.0
62.5°	1024.0	569.6	861.7	557.8	634.5	646.4	879.4	1118.5	1145.1	1154.0	1198.2
65°	728.9	478.1	731.9	507.6	572.5	575.5	790.9	1009.3	1032.9	1047.7	1080.1
67.5°	492.9	389.5	557.8	460.3	525.3	528.3	705.3	882.4	914.9	926.7	947.4
70°	342.4	259.7	413.2	410.2	472.2	478.1	613.8	767.3	796.9	805.7	817.4
72.5°	250.9	209.5	342.4	368.9	416.1	422.1	519.4	637.5	666.9	675.8	681.8
75°	191.8	221.3	277.4	321.7	354.1	357.1	424.9	519.4	540.1	546.0	548.9
77.5°	153.5	206.6	203.6	259.7	289.3	283.3	333.5	401.4	419.1	419.1	419.1
80°	115.1	162.3	153.5	185.9	212.5	206.6	239.0	286.3	292.1	298.1	295.1
82.5°	85.5	103.2	103.2	118.1	141.6	135.8	159.4	185.9	185.9	185.9	191.8
85°	53.1	59.0	47.2	62.0	79.7	76.7	88.5	100.4	103.2	103.2	97.4
87.5°	32.4	26.6	14.7	23.6	35.4	35.4	41.3	44.3	41.3	41.3	41.3
90°	28.3	19.6	10.9	19.6	28.3	30.4	47.9	71.1	82.7	73.5	55.1
92.5°	191.5	117.5	43.5	117.5	191.5	210.0	295.2	408.8	465.6	408.0	293.0
95°	375.1	239.8	104.5	239.8	375.1	409.0	726.2	1149.3	1360.8	1214.3	921.4
97.5°	419.4	300.0	180.6	300.0	419.4	449.3	978.3	1683.7	2036.4	1943.8	1758.6
100°	455.9	347.6	239.3	347.6	455.9	483.0	1070.1	1852.7	2244.1	2250.9	2264.4
102.5°	491.4	390.4	289.3	390.4	491.4	516.7	1112.1	1905.9	2302.9	2420.9	2656.7
105°	545.4	459.7	374.2	459.7	545.4	566.7	1143.2	1911.9	2296.3	2560.8	3089.7
107.5°	620.7	541.0	461.2	541.0	620.7	640.7	1149.1	1826.9	2165.8	2534.7	3272.5
110°	664.1	592.0	520.0	592.0	664.1	682.0	1140.4	1751.5	2057.0	2469.4	3294.2

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	714.9	646.3	577.6	646.3	714.9	732.1	1140.7	1685.6	1958.0	2380.0	3224.2
115°	791.3	728.0	664.7	728.0	791.3	807.2	1151.3	1610.0	1839.5	2246.0	3059.2
117.5°	865.7	808.1	750.6	808.1	865.7	880.1	1172.6	1562.8	1757.8	2124.8	2858.7
120°	908.9	854.8	800.6	854.8	908.9	922.4	1190.1	1546.8	1725.2	2060.5	2731.1
122.5°	958.8	904.2	849.5	904.2	958.8	972.5	1215.1	1538.5	1700.2	2002.1	2606.0
125°	1024.2	974.4	924.6	974.4	1024.2	1036.7	1248.8	1531.6	1673.0	1929.5	2442.4
127.5°	1086.1	1035.8	985.6	1035.8	1086.1	1098.7	1282.5	1527.6	1650.1	1870.3	2310.8
130°	1126.5	1072.3	1018.2	1072.3	1126.5	1140.0	1307.2	1530.0	1641.4	1837.5	2229.6
132.5°	1160.2	1106.1	1051.9	1106.1	1160.2	1173.8	1327.1	1531.6	1633.8	1809.3	2160.3
135°	1200.6	1151.3	1101.9	1151.3	1200.6	1212.9	1348.9	1530.2	1620.8	1767.8	2061.7
137.5°	1250.7	1201.9	1153.1	1201.9	1250.7	1262.9	1381.5	1539.6	1618.7	1742.9	1991.4
140°	1285.4	1240.5	1195.5	1240.5	1285.4	1296.6	1401.4	1541.1	1611.0	1718.3	1933.0
142.5°	1311.3	1269.7	1228.1	1269.7	1311.3	1321.7	1418.1	1546.7	1611.0	1705.3	1893.8
145°	1350.7	1314.4	1278.1	1314.4	1350.7	1359.8	1439.9	1546.7	1600.1	1677.2	1831.4
147.5°	1398.8	1363.5	1328.2	1363.5	1398.8	1407.6	1471.8	1557.4	1600.1	1660.8	1782.1
150°	1424.6	1392.7	1360.8	1392.7	1424.6	1432.6	1488.4	1562.9	1600.1	1651.4	1753.8
152.5°	1443.0	1418.7	1394.6	1418.7	1443.0	1449.0	1499.4	1566.5	1600.1	1643.9	1731.3
155°	1480.4	1462.5	1444.6	1462.5	1480.4	1484.8	1523.3	1574.5	1600.1	1634.9	1704.6
157.5°	1516.4	1499.0	1481.6	1499.0	1516.4	1520.7	1547.2	1582.5	1600.1	1627.2	1681.4
160°	1533.6	1520.1	1506.6	1520.1	1533.6	1537.0	1558.1	1586.1	1600.1	1623.3	1669.8
162.5°	1552.0	1541.8	1531.6	1541.8	1552.0	1554.5	1569.7	1590.0	1600.1	1619.7	1658.9
165°	1577.2	1567.9	1558.8	1567.9	1577.2	1579.4	1586.3	1595.5	1600.1	1614.1	1642.2
167.5°	1592.5	1588.1	1583.8	1588.1	1592.5	1593.6	1599.4	1607.2	1611.0	1620.2	1638.6
170°	1608.8	1604.5	1600.1	1604.5	1608.8	1609.9	1610.3	1610.7	1611.0	1620.2	1638.6
172.5°	1610.7	1609.8	1608.8	1609.8	1610.7	1611.0	1611.0	1611.0	1611.0	1618.2	1632.7
175°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1617.5	1613.2	1611.0	1615.6	1624.8
177.5°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1618.2	1614.8	1613.2	1616.8	1624.1
180°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3010.3	3001.4	3013.1	2980.7	3013.1	3001.4	3010.3	3030.9	3013.1	3025.0	3036.8
5°	2641.3	2626.6	2579.4	2541.0	2579.4	2626.6	2641.3	2703.3	2732.8	2786.0	2856.8
7.5°	2360.9	2349.2	2337.3	2313.8	2337.3	2349.2	2360.9	2378.6	2408.2	2455.4	2508.5
10°	2299.0	2301.9	2319.6	2316.7	2319.6	2301.9	2299.0	2293.1	2284.2	2293.1	2325.5
12.5°	2458.4	2484.9	2582.3	2576.4	2582.3	2484.9	2458.4	2340.3	2260.7	2245.8	2251.8
15°	2641.3	2650.2	2670.9	2673.8	2670.9	2650.2	2641.3	2594.1	2355.1	2251.8	2219.3
17.5°	2659.0	2662.0	2676.7	2676.7	2676.7	2662.0	2659.0	2638.3	2558.7	2420.0	2237.0
20°	2644.3	2650.2	2679.7	2685.6	2679.7	2650.2	2644.3	2617.8	2573.5	2523.3	2384.6
22.5°	2638.3	2650.2	2673.8	2670.9	2673.8	2650.2	2638.3	2597.1	2558.7	2523.3	2467.2
25°	2608.9	2608.9	2611.8	2614.8	2611.8	2608.9	2608.9	2576.4	2499.7	2490.8	2458.4
27.5°	2546.9	2552.8	2570.5	2567.5	2570.5	2552.8	2546.9	2535.1	2452.4	2443.6	2420.0
30°	2490.8	2484.9	2470.1	2458.4	2470.1	2484.9	2490.8	2473.1	2390.5	2366.9	2372.8
32.5°	2396.3	2381.6	2366.9	2358.0	2366.9	2381.6	2396.3	2390.5	2328.5	2296.1	2301.9
35°	2284.2	2287.2	2284.2	2275.4	2284.2	2287.2	2284.2	2290.1	2251.8	2222.3	2219.3
37.5°	2204.6	2210.4	2207.5	2195.7	2207.5	2210.4	2204.6	2198.7	2145.6	2136.7	2142.6
40°	2121.9	2124.9	2121.9	2113.0	2121.9	2124.9	2121.9	2110.1	2036.4	2039.3	2059.9
42.5°	2042.2	2039.3	2030.4	2024.5	2030.4	2039.3	2042.2	2024.5	1930.1	1921.3	1959.6
45°	1950.7	1953.7	1936.0	1927.1	1936.0	1953.7	1950.7	1939.0	1841.6	1817.9	1844.5
47.5°	1859.3	1859.3	1844.5	1835.6	1844.5	1859.3	1859.3	1844.5	1741.2	1717.6	1732.4
50°	1761.9	1758.9	1738.2	1735.3	1738.2	1758.9	1761.9	1753.0	1643.8	1623.2	1623.2
52.5°	1649.7	1649.7	1652.7	1658.6	1652.7	1649.7	1649.7	1652.7	1555.3	1534.6	1528.8
55°	1552.3	1555.3	1575.9	1581.9	1575.9	1555.3	1552.3	1552.3	1463.8	1443.1	1431.4
57.5°	1452.0	1452.0	1466.8	1466.8	1466.8	1452.0	1452.0	1446.1	1360.5	1342.8	1336.9
60°	1336.9	1342.8	1354.6	1351.7	1354.6	1342.8	1336.9	1331.0	1257.2	1245.4	1224.8
62.5°	1215.9	1221.8	1224.8	1218.8	1224.8	1221.8	1215.9	1198.2	1154.0	1145.1	1118.5
65°	1089.0	1094.9	1097.9	1092.0	1097.9	1094.9	1089.0	1080.1	1047.7	1032.9	1009.3
67.5°	959.2	956.2	953.2	965.1	953.2	956.2	959.2	947.4	926.7	914.9	882.4
70°	826.3	826.3	823.4	829.3	823.4	826.3	826.3	817.4	805.7	796.9	767.3
72.5°	684.7	681.8	693.5	684.7	693.5	681.8	684.7	681.8	675.8	666.9	637.5
75°	546.0	551.9	546.0	554.8	546.0	551.9	546.0	548.9	546.0	540.1	519.4
77.5°	416.1	422.1	416.1	416.1	416.1	422.1	416.1	419.1	419.1	419.1	401.4
80°	295.1	292.1	292.1	289.3	292.1	292.1	295.1	295.1	298.1	292.1	286.3
82.5°	188.9	185.9	185.9	191.8	185.9	185.9	188.9	191.8	185.9	185.9	185.9
85°	103.2	106.2	100.4	100.4	100.4	106.2	103.2	97.4	103.2	103.2	100.4
87.5°	38.4	35.4	35.4	35.4	35.4	35.4	38.4	41.3	41.3	41.3	44.3
90°	41.3	41.3	41.3	41.3	41.3	41.3	41.3	55.1	73.5	82.7	71.1
92.5°	206.7	198.5	165.6	132.7	165.6	198.5	206.7	293.0	408.0	465.6	408.8
95°	701.6	676.7	577.1	477.5	577.1	676.7	701.6	921.4	1214.3	1360.8	1149.3
97.5°	1619.7	1572.4	1382.8	1193.3	1382.8	1572.4	1619.7	1758.6	1943.8	2036.4	1683.7
100°	2274.5	2218.1	1992.3	1766.6	1992.3	2218.1	2274.5	2264.4	2250.9	2244.1	1852.7
102.5°	2833.7	2785.4	2591.9	2398.6	2591.9	2785.4	2833.7	2656.7	2420.9	2302.9	1905.9
105°	3486.4	3460.4	3356.5	3252.5	3356.5	3460.4	3486.4	3089.7	2560.8	2296.3	1911.9
107.5°	3825.8	3832.1	3857.2	3882.3	3857.2	3832.1	3825.8	3272.5	2534.7	2165.8	1826.9
110°	3912.8	3939.8	4048.2	4156.5	4048.2	3939.8	3912.8	3294.2	2469.4	2057.0	1751.5

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3857.3	3898.9	4065.2	4231.5	4065.2	3898.9	3857.3	3224.2	2380.0	1958.0	1685.6
115°	3669.1	3726.7	3957.4	4187.9	3957.4	3726.7	3669.1	3059.2	2246.0	1839.5	1610.0
117.5°	3409.1	3473.0	3728.8	3984.6	3728.8	3473.0	3409.1	2858.7	2124.8	1757.8	1562.8
120°	3234.0	3296.1	3544.6	3793.1	3544.6	3296.1	3234.0	2731.1	2060.5	1725.2	1546.8
122.5°	3058.8	3120.1	3365.3	3610.4	3365.3	3120.1	3058.8	2606.0	2002.1	1700.2	1538.5
125°	2827.1	2883.6	3109.4	3335.2	3109.4	2883.6	2827.1	2442.4	1929.5	1673.0	1531.6
127.5°	2641.1	2688.7	2879.3	3069.7	2879.3	2688.7	2641.1	2310.8	1870.3	1650.1	1527.6
130°	2523.7	2567.7	2743.7	2919.7	2743.7	2567.7	2523.7	2229.6	1837.5	1641.4	1530.0
132.5°	2423.6	2463.0	2620.5	2778.2	2620.5	2463.0	2423.6	2160.3	1809.3	1633.8	1531.6
135°	2282.2	2316.1	2452.0	2587.8	2452.0	2316.1	2282.2	2061.7	1767.8	1620.8	1530.2
137.5°	2177.7	2205.5	2316.7	2427.9	2316.7	2205.5	2177.7	1991.4	1742.9	1618.7	1539.6
140°	2094.0	2120.0	2223.9	2327.9	2223.9	2120.0	2094.0	1933.0	1718.3	1611.0	1541.1
142.5°	2035.2	2057.6	2147.0	2236.5	2147.0	2057.6	2035.2	1893.8	1705.3	1611.0	1546.7
145°	1947.2	1964.1	2031.8	2099.4	2031.8	1964.1	1947.2	1831.4	1677.2	1600.1	1546.7
147.5°	1873.1	1887.2	1943.2	1999.3	1943.2	1887.2	1873.1	1782.1	1660.8	1600.1	1557.4
150°	1830.7	1842.1	1887.6	1933.0	1887.6	1842.1	1830.7	1753.8	1651.4	1600.1	1562.9
152.5°	1797.0	1805.5	1839.9	1874.3	1839.9	1805.5	1797.0	1731.3	1643.9	1600.1	1566.5
155°	1756.8	1762.5	1785.2	1807.9	1785.2	1762.5	1756.8	1704.6	1634.9	1600.1	1574.5
157.5°	1722.0	1726.0	1741.9	1757.8	1741.9	1726.0	1722.0	1681.4	1627.2	1600.1	1582.5
160°	1704.6	1706.8	1716.1	1725.2	1716.1	1706.8	1704.6	1669.8	1623.3	1600.1	1586.1
162.5°	1688.3	1690.4	1699.1	1707.8	1699.1	1690.4	1688.3	1658.9	1619.7	1600.1	1590.0
165°	1663.2	1665.5	1674.7	1683.9	1674.7	1665.5	1663.2	1642.2	1614.1	1600.1	1595.5
167.5°	1652.3	1653.3	1657.2	1661.1	1657.2	1653.3	1652.3	1638.6	1620.2	1611.0	1607.2
170°	1652.3	1652.3	1652.3	1652.3	1652.3	1652.3	1652.3	1638.6	1620.2	1611.0	1610.7
172.5°	1643.6	1642.7	1639.4	1636.0	1639.4	1642.7	1643.6	1632.7	1618.2	1611.0	1611.0
175°	1631.7	1631.7	1631.7	1631.7	1631.7	1631.7	1631.7	1624.8	1615.6	1611.0	1613.2
177.5°	1629.5	1628.5	1624.6	1620.8	1624.6	1628.5	1629.5	1624.1	1616.8	1613.2	1614.8
180°	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8	1620.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3081.1	3095.8	3104.7	3116.5	3145.9
5°	2963.0	3019.1	3036.8	3081.1	3134.2
7.5°	2703.3	2874.5	2921.7	3028.0	3110.5
10°	2452.4	2623.6	2706.3	2957.1	3081.1
12.5°	2325.5	2425.9	2482.0	2833.2	3039.7
15°	2245.8	2316.7	2358.0	2667.9	2992.6
17.5°	2183.9	2234.1	2263.5	2505.6	2927.6
20°	2145.6	2169.1	2195.7	2387.5	2853.8
22.5°	2119.0	2104.2	2124.9	2304.9	2753.4
25°	2101.3	2045.2	2068.8	2240.0	2635.5
27.5°	2116.0	1992.1	2000.9	2181.0	2511.5
30°	2119.0	1927.1	1930.1	2119.0	2372.8
32.5°	2098.3	1859.3	1862.2	2042.2	2216.4
35°	2048.1	1779.6	1776.6	1953.7	2003.8
37.5°	1980.2	1694.0	1694.0	1856.3	1770.8
40°	1897.6	1608.4	1617.3	1729.4	1564.2
42.5°	1797.3	1516.9	1528.8	1561.2	1410.7
45°	1688.1	1428.4	1437.2	1319.2	1292.6
47.5°	1567.1	1336.9	1339.9	1094.9	1254.2
50°	1422.5	1242.5	1230.6	938.5	1251.3
52.5°	1295.6	1139.1	1103.7	850.0	1136.2
55°	1171.7	1030.0	953.2	782.0	1053.6
57.5°	1062.4	888.3	814.6	702.4	1035.9
60°	962.1	749.6	693.5	616.8	950.3
62.5°	879.4	646.4	634.5	557.8	861.7
65°	790.9	575.5	572.5	507.6	731.9
67.5°	705.3	528.3	525.3	460.3	557.8
70°	613.8	478.1	472.2	410.2	413.2
72.5°	519.4	422.1	416.1	368.9	342.4
75°	424.9	357.1	354.1	321.7	277.4
77.5°	333.5	283.3	289.3	259.7	203.6
80°	239.0	206.6	212.5	185.9	153.5
82.5°	159.4	135.8	141.6	118.1	103.2
85°	88.5	76.7	79.7	62.0	47.2
87.5°	41.3	35.4	35.4	23.6	14.7
90°	47.9	30.4	28.3	19.6	10.9
92.5°	295.2	210.0	191.5	117.5	43.5
95°	726.2	409.0	375.1	239.8	104.5
97.5°	978.3	449.3	419.4	300.0	180.6
100°	1070.1	483.0	455.9	347.6	239.3
102.5°	1112.1	516.7	491.4	390.4	289.3
105°	1143.2	566.7	545.4	459.7	374.2
107.5°	1149.1	640.7	620.7	541.0	461.2
110°	1140.4	682.0	664.1	592.0	520.0

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1140.7	732.1	714.9	646.3	577.6
115°	1151.3	807.2	791.3	728.0	664.7
117.5°	1172.6	880.1	865.7	808.1	750.6
120°	1190.1	922.4	908.9	854.8	800.6
122.5°	1215.1	972.5	958.8	904.2	849.5
125°	1248.8	1036.7	1024.2	974.4	924.6
127.5°	1282.5	1098.7	1086.1	1035.8	985.6
130°	1307.2	1140.0	1126.5	1072.3	1018.2
132.5°	1327.1	1173.8	1160.2	1106.1	1051.9
135°	1348.9	1212.9	1200.6	1151.3	1101.9
137.5°	1381.5	1262.9	1250.7	1201.9	1153.1
140°	1401.4	1296.6	1285.4	1240.5	1195.5
142.5°	1418.1	1321.7	1311.3	1269.7	1228.1
145°	1439.9	1359.8	1350.7	1314.4	1278.1
147.5°	1471.8	1407.6	1398.8	1363.5	1328.2
150°	1488.4	1432.6	1424.6	1392.7	1360.8
152.5°	1499.4	1449.0	1443.0	1418.7	1394.6
155°	1523.3	1484.8	1480.4	1462.5	1444.6
157.5°	1547.2	1520.7	1516.4	1499.0	1481.6
160°	1558.1	1537.0	1533.6	1520.1	1506.6
162.5°	1569.7	1554.5	1552.0	1541.8	1531.6
165°	1586.3	1579.4	1577.2	1567.9	1558.8
167.5°	1599.4	1593.6	1592.5	1588.1	1583.8
170°	1610.3	1609.9	1608.8	1604.5	1600.1
172.5°	1611.0	1611.0	1610.7	1609.8	1608.8
175°	1617.5	1620.8	1620.8	1620.8	1620.8
177.5°	1618.2	1620.8	1620.8	1620.8	1620.8
180°	1620.8	1620.8	1620.8	1620.8	1620.8

TEST NUMBER: P936144

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-8-3000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.46	14.27	14.47	15.29	16.65	16.30	17.10	17.31	18.13	19.49
	3H	13.93	14.66	14.96	15.69	17.07	17.64	18.36	18.66	19.39	20.78
	4H	14.12	14.81	15.16	15.84	17.23	18.09	18.77	19.12	19.80	21.19
	6H	14.24	14.87	15.28	15.90	17.31	18.37	19.00	19.41	20.04	21.44
	8H	14.24	14.84	15.29	15.89	17.29	18.44	19.04	19.49	20.10	21.49
	12H	14.21	14.78	15.26	15.82	17.24	18.48	19.05	19.54	20.10	21.52
4H	2H	14.49	15.17	15.53	16.20	17.59	16.70	17.38	17.74	18.42	19.81
	3H	15.51	16.08	16.56	17.14	18.54	18.20	18.77	19.25	19.83	21.24
	4H	15.78	16.31	16.84	17.36	18.78	18.73	19.25	19.79	20.30	21.73
	6H	15.91	16.35	16.97	17.43	18.85	19.10	19.54	20.16	20.62	22.04
	8H	15.91	16.33	16.98	17.40	18.83	19.20	19.62	20.27	20.69	22.12
	12H	15.87	16.25	16.96	17.33	18.77	19.26	19.64	20.34	20.72	22.16
8H	4H	16.23	16.65	17.30	17.72	19.16	18.85	19.27	19.92	20.34	21.77
	6H	16.49	16.84	17.58	17.95	19.38	19.29	19.63	20.38	20.74	22.17
	8H	16.54	16.84	17.63	17.93	19.38	19.44	19.74	20.54	20.84	22.29
	12H	16.52	16.78	17.62	17.87	19.36	19.54	19.80	20.64	20.89	22.38
12H	4H	16.24	16.62	17.32	17.70	19.14	18.81	19.19	19.90	20.27	21.71
	6H	16.55	16.86	17.65	17.95	19.40	19.28	19.59	20.38	20.68	22.13
	8H	16.62	16.89	17.72	17.97	19.46	19.44	19.71	20.54	20.80	22.29

END OF REPORT