

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: P936045

Luminaire Tested: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936045
REPORT IS A COMBINATION OF REPORTS P933780 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

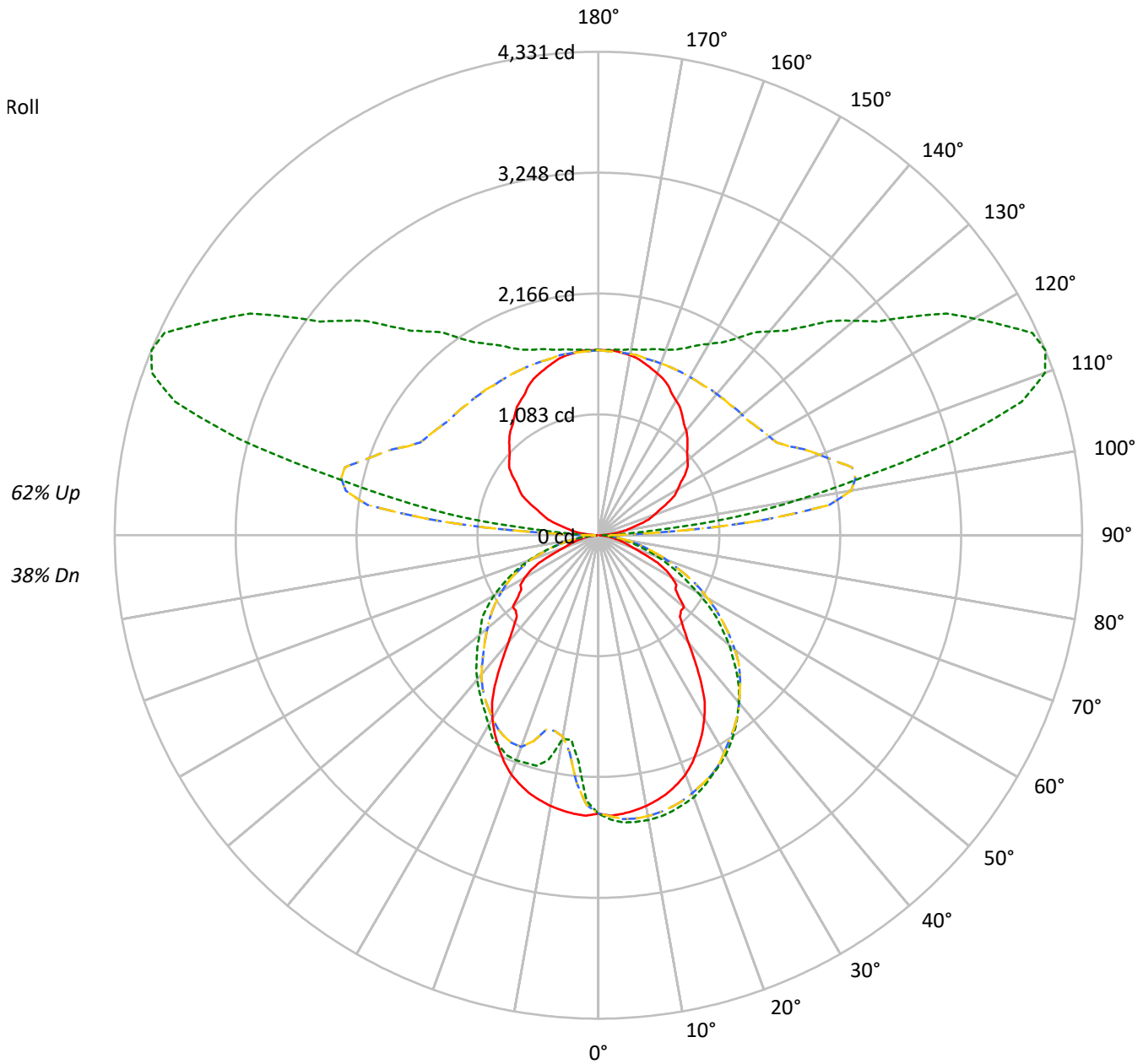
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17225.8 lumens
Efficiency: N/A
Efficacy: 119.0 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: Semi-Indirect

Input Watts (W): 144.8
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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CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11567	11567	11567	11567
5°	11654	11677	11654	9182
10°	11576	11502	11576	8223
15°	11450	11253	11450	9396
20°	11211	10958	11211	9416
25°	10720	10527	10720	9216
30°	10087	10170	10087	8778
35°	8992	9718	8992	8297
40°	7493	9185	7493	7933
45°	6695	8562	6695	7515
50°	7113	7819	7113	7095
55°	6692	7018	6692	6852
60°	6898	5961	6898	6276
65°	6254	4928	6254	5508
70°	4331	3927	4331	4617
75°	3797	2903	3797	3476
80°	3059	1919	3059	2090
85°	1761	1016	1761	864

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10261 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.1	1.3
10°-20°	639.0	3.7
20°-30°	987.8	5.7
30°-40°	1179.2	6.8
40°-50°	1186.1	6.9
50°-60°	1032.0	6.0
60°-70°	731.7	4.2
70°-80°	387.1	2.2
80°-90°	102.7	0.6
90°-100°	808.7	4.7
100°-110°	2126.2	12.3
110°-120°	2204.6	12.8
120°-130°	1768.3	10.3
130°-140°	1387.5	8.1
140°-150°	1065.0	6.2
150°-160°	767.0	4.5
160°-170°	469.3	2.7
170°-180°	158.5	0.9
0°-30°	1851.8	10.8
0°-40°	3031.0	17.6
0°-60°	5249.1	30.5
0°-90°	6470.7	37.6
90°-120°	5139.5	29.8
90°-150°	9360.3	54.3
90°-180°	10755.0	62.4
0°-180°	17225.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2493	2493	2493	2493	2493	
5°	2505	2583	2505	2031	2505	238
15°	2392	2559	2392	2137	2392	673
25°	2106	2387	2106	2090	2106	967
35°	1602	2130	1602	1818	1602	991
45°	1033	1755	1033	1540	1033	828
55°	842	1295	842	1264	842	774
65°	585	781	585	873	585	559
75°	222	370	222	444	222	233
85°	38	94	38	80	38	51
90°	11	42	11	42	11	11
95°	107	489	107	489	107	119
105°	383	3329	383	3329	383	406
115°	680	4287	680	4287	680	672
125°	946	3414	946	3414	946	840
135°	1128	2649	1128	2649	1128	873
145°	1308	2149	1308	2149	1308	820
155°	1479	1851	1479	1851	1479	679
165°	1596	1724	1596	1724	1596	450
175°	1659	1670	1659	1670	1659	157
180°	1659	1659	1659	1659	1659	



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2514.4	2514.4	2528.5	2533.3	2533.3	2526.2	2519.2	2526.2	2547.4	2554.5	2552.2
5°	2505.0	2523.8	2549.8	2554.5	2559.2	2556.8	2552.2	2556.8	2580.5	2585.2	2587.5
7.5°	2486.1	2521.5	2554.5	2561.6	2568.7	2561.6	2559.2	2564.0	2587.5	2592.3	2592.3
10°	2462.5	2512.0	2549.8	2554.5	2561.6	2554.5	2554.5	2564.0	2587.5	2592.3	2594.6
12.5°	2429.4	2497.9	2533.3	2538.0	2547.4	2545.0	2542.7	2552.2	2575.7	2580.5	2580.5
15°	2391.8	2471.9	2505.0	2509.7	2526.2	2521.5	2521.5	2530.9	2556.8	2564.0	2561.6
17.5°	2339.8	2438.9	2476.7	2483.7	2495.5	2493.2	2495.5	2505.0	2528.5	2533.3	2535.7
20°	2280.9	2394.1	2438.9	2446.0	2457.8	2457.8	2457.8	2469.6	2493.2	2502.6	2502.6
22.5°	2200.7	2347.0	2394.1	2398.8	2412.9	2412.9	2417.7	2434.2	2455.4	2457.8	2457.8
25°	2106.3	2295.0	2335.1	2349.3	2363.5	2370.5	2377.6	2387.0	2394.1	2391.8	2394.1
27.5°	2007.2	2229.0	2280.9	2290.3	2309.2	2316.3	2325.7	2328.0	2330.5	2337.5	2332.8
30°	1896.4	2137.0	2214.9	2224.3	2254.9	2259.7	2250.2	2254.9	2266.7	2271.5	2276.2
32.5°	1771.4	2000.2	2146.5	2167.6	2195.9	2181.8	2179.4	2186.6	2205.4	2205.4	2210.1
35°	1601.5	1894.1	2082.8	2101.6	2122.8	2106.3	2115.8	2118.1	2130.0	2137.0	2134.6
37.5°	1415.2	1802.0	2016.7	2030.9	2047.4	2026.2	2040.3	2047.4	2056.8	2052.1	2052.1
40°	1250.1	1658.2	1938.9	1948.3	1962.4	1945.9	1960.1	1964.8	1969.6	1964.8	1962.4
42.5°	1127.5	1500.1	1856.3	1868.1	1858.7	1870.5	1875.2	1884.6	1877.5	1868.1	1868.1
45°	1033.1	1457.6	1766.7	1780.9	1766.7	1785.6	1792.6	1792.6	1771.4	1766.7	1764.4
47.5°	1002.5	1372.8	1677.1	1677.1	1670.0	1693.6	1705.4	1688.8	1667.6	1660.5	1660.5
50°	1000.1	1278.4	1554.4	1544.9	1578.0	1606.3	1594.5	1578.0	1561.5	1535.5	1535.5
52.5°	908.2	1162.8	1396.3	1431.8	1483.6	1500.1	1481.3	1464.8	1436.5	1424.7	1415.2
55°	842.1	1042.6	1252.5	1323.2	1377.5	1398.7	1363.3	1346.9	1304.4	1297.3	1292.6
57.5°	827.9	868.0	1120.4	1210.0	1276.1	1273.7	1252.5	1221.8	1186.5	1179.3	1177.0
60°	759.5	627.4	978.8	1085.0	1153.4	1146.3	1127.5	1099.2	1066.1	1061.4	1056.7
62.5°	688.7	455.2	818.4	938.8	1035.4	1033.1	1016.6	974.1	950.6	938.8	929.3
65°	584.9	382.1	582.6	780.8	919.9	924.6	889.2	858.6	832.6	818.4	816.1
67.5°	445.8	311.3	393.9	651.0	809.1	804.3	759.5	745.3	712.3	705.3	691.1
70°	330.2	207.5	273.6	528.3	700.5	688.7	653.4	636.9	606.2	589.7	580.2
72.5°	273.6	167.5	200.5	410.4	589.7	575.6	544.9	526.0	500.0	485.9	476.5
75°	221.7	176.9	153.4	304.3	478.8	469.4	441.0	422.2	401.0	382.1	384.5
77.5°	162.7	165.1	122.6	224.0	379.7	365.6	349.1	325.5	316.1	297.2	297.2
80°	122.6	129.7	92.0	153.4	273.6	273.6	259.5	243.0	226.5	217.0	217.0
82.5°	82.6	82.6	68.4	96.7	186.4	179.2	169.9	165.1	155.7	150.9	150.9
85°	37.8	47.1	42.5	59.0	101.4	106.1	106.1	101.4	99.1	94.3	96.7
87.5°	11.8	21.2	26.0	33.0	51.9	54.3	56.6	56.6	56.6	59.0	59.0
90°	11.2	20.1	28.9	31.2	49.0	72.7	84.6	75.2	56.4	42.3	42.3
92.5°	44.5	120.2	196.0	214.9	302.2	418.5	476.6	417.7	299.9	211.6	203.2
95°	106.9	245.5	384.0	418.6	743.4	1176.4	1392.9	1243.0	943.1	718.2	692.7
97.5°	184.9	307.1	429.4	459.9	1001.4	1723.5	2084.4	1989.6	1800.1	1658.0	1609.5
100°	244.9	355.8	466.7	494.4	1095.3	1896.5	2297.1	2304.0	2317.9	2328.2	2270.5
102.5°	296.2	399.6	503.0	528.9	1138.4	1950.9	2357.2	2478.0	2719.5	2900.6	2851.1
105°	383.0	470.6	558.2	580.1	1170.2	1957.1	2350.5	2621.3	3162.6	3568.7	3542.1
107.5°	472.1	553.8	635.4	655.8	1176.2	1870.0	2216.9	2594.5	3349.7	3916.1	3922.5
110°	532.3	606.0	679.7	698.1	1167.3	1792.8	2105.6	2527.7	3372.0	4005.2	4032.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	591.3	661.5	731.8	749.4	1167.6	1725.3	2004.2	2436.2	3300.3	3948.3	3990.9
115°	680.4	745.2	810.0	826.2	1178.4	1648.0	1882.9	2299.0	3131.4	3755.7	3814.7
117.5°	768.3	827.2	886.1	900.8	1200.3	1599.7	1799.3	2175.0	2926.2	3489.6	3555.0
120°	819.5	874.9	930.4	944.2	1218.2	1583.3	1766.0	2109.2	2795.6	3310.4	3373.9
122.5°	869.6	925.6	981.4	995.4	1243.8	1574.8	1740.3	2049.4	2667.5	3131.0	3193.8
125°	946.4	997.4	1048.4	1061.1	1278.2	1567.7	1712.5	1975.0	2500.1	2893.9	2951.6
127.5°	1008.8	1060.3	1111.8	1124.6	1312.8	1563.7	1689.1	1914.5	2365.4	2703.5	2752.2
130°	1042.2	1097.7	1153.1	1166.9	1338.0	1566.1	1680.2	1880.8	2282.3	2583.2	2628.3
132.5°	1076.8	1132.2	1187.6	1201.5	1358.5	1567.8	1672.4	1852.0	2211.3	2480.8	2521.1
135°	1127.9	1178.4	1229.0	1241.5	1380.7	1566.3	1659.0	1809.5	2110.4	2336.1	2370.8
137.5°	1180.3	1230.3	1280.2	1292.7	1414.1	1575.9	1656.9	1784.1	2038.4	2229.1	2257.6
140°	1223.7	1269.8	1315.7	1327.2	1434.5	1577.5	1649.0	1758.9	1978.7	2143.4	2170.0
142.5°	1257.1	1299.7	1342.2	1352.9	1451.6	1583.2	1649.0	1745.5	1938.5	2083.3	2106.1
145°	1308.3	1345.4	1382.6	1391.9	1473.9	1583.2	1637.9	1716.8	1874.7	1993.1	2010.4
147.5°	1359.5	1395.7	1431.9	1440.9	1506.6	1594.1	1637.9	1700.0	1824.2	1917.3	1931.7
150°	1392.9	1425.6	1458.3	1466.4	1523.5	1599.8	1637.9	1690.4	1795.2	1874.0	1885.6
152.5°	1427.5	1452.2	1477.0	1483.2	1534.8	1603.5	1637.9	1682.7	1772.2	1839.4	1848.2
155°	1478.7	1497.0	1515.3	1519.9	1559.2	1611.6	1637.9	1673.5	1744.8	1798.3	1804.1
157.5°	1516.6	1534.4	1552.2	1556.6	1583.7	1619.8	1637.9	1665.6	1721.1	1762.7	1766.8
160°	1542.2	1556.0	1569.9	1573.3	1594.8	1623.5	1637.9	1661.6	1709.2	1744.8	1747.1
162.5°	1567.8	1578.2	1588.6	1591.2	1606.7	1627.5	1637.9	1658.0	1698.0	1728.1	1730.3
165°	1595.6	1604.9	1614.4	1616.7	1623.8	1633.1	1637.9	1652.2	1681.0	1702.5	1704.8
167.5°	1621.2	1625.6	1630.1	1631.3	1637.2	1645.1	1649.0	1658.4	1677.2	1691.3	1692.3
170°	1637.9	1642.3	1646.8	1648.0	1648.3	1648.8	1649.0	1658.4	1677.2	1691.3	1691.3
172.5°	1646.8	1647.8	1648.8	1649.0	1649.0	1649.0	1649.0	1656.4	1671.3	1682.4	1681.5
175°	1659.0	1659.0	1659.0	1659.0	1655.7	1651.3	1649.0	1653.8	1663.1	1670.2	1670.2
177.5°	1659.0	1659.0	1659.0	1659.0	1656.4	1653.0	1651.3	1655.0	1662.4	1667.9	1667.0
180°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0



TEST NUMBER: P936045

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2556.8	2549.8	2556.8	2552.2	2554.5	2547.4	2526.2	2519.2	2526.2	2533.3	2533.3
5°	2587.5	2582.8	2587.5	2587.5	2585.2	2580.5	2556.8	2552.2	2556.8	2559.2	2554.5
7.5°	2597.0	2589.8	2597.0	2592.3	2592.3	2587.5	2564.0	2559.2	2561.6	2568.7	2561.6
10°	2597.0	2589.8	2597.0	2594.6	2592.3	2587.5	2564.0	2554.5	2554.5	2561.6	2554.5
12.5°	2585.2	2580.5	2585.2	2580.5	2580.5	2575.7	2552.2	2542.7	2545.0	2547.4	2538.0
15°	2566.3	2559.2	2566.3	2561.6	2564.0	2556.8	2530.9	2521.5	2521.5	2526.2	2509.7
17.5°	2538.0	2528.5	2538.0	2535.7	2533.3	2528.5	2505.0	2495.5	2493.2	2495.5	2483.7
20°	2505.0	2497.9	2505.0	2502.6	2502.6	2493.2	2469.6	2457.8	2457.8	2457.8	2446.0
22.5°	2453.1	2446.0	2453.1	2457.8	2457.8	2455.4	2434.2	2417.7	2412.9	2412.9	2398.8
25°	2394.1	2387.0	2394.1	2394.1	2391.8	2394.1	2387.0	2377.6	2370.5	2363.5	2349.3
27.5°	2337.5	2332.8	2337.5	2332.8	2337.5	2330.5	2328.0	2325.7	2316.3	2309.2	2290.3
30°	2280.9	2276.2	2280.9	2276.2	2271.5	2266.7	2254.9	2250.2	2259.7	2254.9	2224.3
32.5°	2210.1	2205.4	2210.1	2210.1	2205.4	2205.4	2186.6	2179.4	2181.8	2195.9	2167.6
35°	2137.0	2130.0	2137.0	2134.6	2137.0	2130.0	2118.1	2115.8	2106.3	2122.8	2101.6
37.5°	2052.1	2045.0	2052.1	2052.1	2052.1	2056.8	2047.4	2040.3	2026.2	2047.4	2030.9
40°	1964.8	1955.4	1964.8	1962.4	1964.8	1969.6	1964.8	1960.1	1945.9	1962.4	1948.3
42.5°	1865.8	1863.4	1865.8	1868.1	1868.1	1877.5	1884.6	1875.2	1870.5	1858.7	1868.1
45°	1759.6	1754.9	1759.6	1764.4	1766.7	1771.4	1792.6	1792.6	1785.6	1766.7	1780.9
47.5°	1646.3	1634.6	1646.3	1660.5	1660.5	1667.6	1688.8	1705.4	1693.6	1670.0	1677.1
50°	1526.1	1528.4	1526.1	1535.5	1535.5	1561.5	1578.0	1594.5	1606.3	1578.0	1544.9
52.5°	1408.2	1405.8	1408.2	1415.2	1424.7	1436.5	1464.8	1481.3	1500.1	1483.6	1431.8
55°	1290.2	1294.9	1290.2	1292.6	1297.3	1304.4	1346.9	1363.3	1398.7	1377.5	1323.2
57.5°	1172.3	1165.2	1172.3	1177.0	1179.3	1186.5	1221.8	1252.5	1273.7	1276.1	1210.0
60°	1035.4	1026.1	1035.4	1056.7	1061.4	1066.1	1099.2	1127.5	1146.3	1153.4	1085.0
62.5°	915.2	898.7	915.2	929.3	938.8	950.6	974.1	1016.6	1033.1	1035.4	938.8
65°	787.8	780.8	787.8	816.1	818.4	832.6	858.6	889.2	924.6	919.9	780.8
67.5°	672.2	672.2	672.2	691.1	705.3	712.3	745.3	759.5	804.3	809.1	651.0
70°	566.1	563.8	566.1	580.2	589.7	606.2	636.9	653.4	688.7	700.5	528.3
72.5°	464.7	462.3	464.7	476.5	485.9	500.0	526.0	544.9	575.6	589.7	410.4
75°	375.1	370.3	375.1	384.5	382.1	401.0	422.2	441.0	469.4	478.8	304.3
77.5°	287.8	287.8	287.8	297.2	297.2	316.1	325.5	349.1	365.6	379.7	224.0
80°	214.7	212.3	214.7	217.0	217.0	226.5	243.0	259.5	273.6	273.6	153.4
82.5°	150.9	146.2	150.9	150.9	150.9	155.7	165.1	169.9	179.2	186.4	96.7
85°	94.3	94.3	94.3	96.7	94.3	99.1	101.4	106.1	106.1	101.4	59.0
87.5°	61.3	59.0	61.3	59.0	59.0	56.6	56.6	56.6	54.3	51.9	33.0
90°	42.3	42.3	42.3	42.3	42.3	56.4	75.2	84.6	72.7	49.0	31.2
92.5°	169.5	135.9	169.5	203.2	211.6	299.9	417.7	476.6	418.5	302.2	214.9
95°	590.7	488.8	590.7	692.7	718.2	943.1	1243.0	1392.9	1176.4	743.4	418.6
97.5°	1415.4	1221.5	1415.4	1609.5	1658.0	1800.1	1989.6	2084.4	1723.5	1001.4	459.9
100°	2039.4	1808.3	2039.4	2270.5	2328.2	2317.9	2304.0	2297.1	1896.5	1095.3	494.4
102.5°	2653.1	2455.2	2653.1	2851.1	2900.6	2719.5	2478.0	2357.2	1950.9	1138.4	528.9
105°	3435.7	3329.3	3435.7	3542.1	3568.7	3162.6	2621.3	2350.5	1957.1	1170.2	580.1
107.5°	3948.2	3973.9	3948.2	3922.5	3916.1	3349.7	2594.5	2216.9	1870.0	1176.2	655.8
110°	4143.7	4254.6	4143.7	4032.9	4005.2	3372.0	2527.7	2105.6	1792.8	1167.3	698.1



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4161.1	4331.3	4161.1	3990.9	3948.3	3300.3	2436.2	2004.2	1725.3	1167.6	749.4
115°	4050.8	4286.8	4050.8	3814.7	3755.7	3131.4	2299.0	1882.9	1648.0	1178.4	826.2
117.5°	3816.8	4078.6	3816.8	3555.0	3489.6	2926.2	2175.0	1799.3	1599.7	1200.3	900.8
120°	3628.3	3882.6	3628.3	3373.9	3310.4	2795.6	2109.2	1766.0	1583.3	1218.2	944.2
122.5°	3444.7	3695.6	3444.7	3193.8	3131.0	2667.5	2049.4	1740.3	1574.8	1243.8	995.4
125°	3182.8	3413.9	3182.8	2951.6	2893.9	2500.1	1975.0	1712.5	1567.7	1278.2	1061.1
127.5°	2947.3	3142.2	2947.3	2752.2	2703.5	2365.4	1914.5	1689.1	1563.7	1312.8	1124.6
130°	2808.5	2988.6	2808.5	2628.3	2583.2	2282.3	1880.8	1680.2	1566.1	1338.0	1166.9
132.5°	2682.4	2843.8	2682.4	2521.1	2480.8	2211.3	1852.0	1672.4	1567.8	1358.5	1201.5
135°	2509.9	2648.9	2509.9	2370.8	2336.1	2110.4	1809.5	1659.0	1566.3	1380.7	1241.5
137.5°	2371.4	2485.2	2371.4	2257.6	2229.1	2038.4	1784.1	1656.9	1575.9	1414.1	1292.7
140°	2276.4	2382.8	2276.4	2170.0	2143.4	1978.7	1758.9	1649.0	1577.5	1434.5	1327.2
142.5°	2197.7	2289.3	2197.7	2106.1	2083.3	1938.5	1745.5	1649.0	1583.2	1451.6	1352.9
145°	2079.7	2149.0	2079.7	2010.4	1993.1	1874.7	1716.8	1637.9	1583.2	1473.9	1391.9
147.5°	1989.1	2046.5	1989.1	1931.7	1917.3	1824.2	1700.0	1637.9	1594.1	1506.6	1440.9
150°	1932.2	1978.7	1932.2	1885.6	1874.0	1795.2	1690.4	1637.9	1599.8	1523.5	1466.4
152.5°	1883.3	1918.5	1883.3	1848.2	1839.4	1772.2	1682.7	1637.9	1603.5	1534.8	1483.2
155°	1827.4	1850.6	1827.4	1804.1	1798.3	1744.8	1673.5	1637.9	1611.6	1559.2	1519.9
157.5°	1783.0	1799.3	1783.0	1766.8	1762.7	1721.1	1665.6	1637.9	1619.8	1583.7	1556.6
160°	1756.6	1766.0	1756.6	1747.1	1744.8	1709.2	1661.6	1637.9	1623.5	1594.8	1573.3
162.5°	1739.2	1748.1	1739.2	1730.3	1728.1	1698.0	1658.0	1637.9	1627.5	1606.7	1591.2
165°	1714.3	1723.6	1714.3	1704.8	1702.5	1681.0	1652.2	1637.9	1633.1	1623.8	1616.7
167.5°	1696.3	1700.3	1696.3	1692.3	1691.3	1677.2	1658.4	1649.0	1645.1	1637.2	1631.3
170°	1691.3	1691.3	1691.3	1691.3	1691.3	1677.2	1658.4	1649.0	1648.8	1648.3	1648.0
172.5°	1678.1	1674.6	1678.1	1681.5	1682.4	1671.3	1656.4	1649.0	1649.0	1649.0	1649.0
175°	1670.2	1670.2	1670.2	1670.2	1670.2	1663.1	1653.8	1649.0	1651.3	1655.7	1659.0
177.5°	1663.0	1659.0	1663.0	1667.0	1667.9	1662.4	1655.0	1651.3	1653.0	1656.4	1659.0
180°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2528.5	2514.4	2514.4	2490.9	2481.4	2474.3	2462.5	2427.1	2417.7	2408.3	2422.4
5°	2549.8	2523.8	2505.0	2462.5	2427.1	2412.9	2368.1	2283.2	2226.6	2184.2	2160.6
7.5°	2554.5	2521.5	2486.1	2420.1	2335.1	2297.4	2160.6	2004.9	1962.4	1924.8	1901.1
10°	2549.8	2512.0	2462.5	2363.5	2162.9	2096.9	1960.1	1858.7	1832.7	1825.7	1832.7
12.5°	2533.3	2497.9	2429.4	2264.4	1983.7	1938.9	1858.7	1799.7	1795.0	1806.8	1870.5
15°	2505.0	2471.9	2391.8	2132.3	1884.6	1851.6	1795.0	1773.7	1799.7	1882.3	2073.3
17.5°	2476.7	2438.9	2339.8	2002.6	1809.2	1785.6	1745.4	1787.9	1934.1	2045.0	2108.7
20°	2438.9	2394.1	2280.9	1908.2	1754.9	1733.6	1714.8	1905.8	2016.7	2056.8	2092.2
22.5°	2394.1	2347.0	2200.7	1842.2	1698.3	1681.8	1693.6	1971.9	2016.7	2045.0	2075.7
25°	2335.1	2295.0	2106.3	1790.2	1653.5	1634.6	1679.4	1964.8	1990.7	1997.9	2059.2
27.5°	2280.9	2229.0	2007.2	1743.1	1599.2	1592.2	1691.2	1934.1	1953.1	1960.1	2026.2
30°	2214.9	2137.0	1896.4	1693.6	1542.6	1540.2	1693.6	1896.4	1891.7	1910.6	1976.6
32.5°	2146.5	2000.2	1771.4	1632.2	1488.4	1486.0	1677.1	1839.8	1835.0	1861.0	1910.6
35°	2082.8	1894.1	1601.5	1561.5	1420.0	1422.3	1637.0	1773.7	1776.1	1799.7	1830.4
37.5°	2016.7	1802.0	1415.2	1483.6	1353.9	1353.9	1582.7	1712.4	1707.8	1714.8	1757.2
40°	1938.9	1658.2	1250.1	1382.2	1292.6	1285.5	1516.7	1646.3	1629.8	1627.5	1686.5
42.5°	1856.3	1500.1	1127.5	1247.8	1221.8	1212.4	1436.5	1566.2	1535.5	1542.6	1618.1
45°	1766.7	1457.6	1033.1	1054.4	1148.7	1141.7	1349.2	1474.2	1453.0	1471.8	1549.7
47.5°	1677.1	1372.8	1002.5	875.1	1070.9	1068.5	1252.5	1384.5	1372.8	1391.7	1474.2
50°	1554.4	1278.4	1000.1	750.1	983.6	993.0	1136.9	1297.3	1297.3	1313.8	1401.1
52.5°	1396.3	1162.8	908.2	679.3	882.2	910.5	1035.4	1221.8	1226.5	1243.1	1320.9
55°	1252.5	1042.6	842.1	625.1	761.9	823.2	936.4	1144.0	1153.4	1170.0	1240.7
57.5°	1120.4	868.0	827.9	561.4	651.0	710.0	849.1	1068.5	1073.2	1087.4	1155.8
60°	978.8	627.4	759.5	493.0	554.3	599.1	768.9	978.8	995.4	1004.8	1063.8
62.5°	818.4	455.2	688.7	445.8	507.1	516.6	702.9	894.0	915.2	922.3	957.6
65°	582.6	382.1	584.9	405.7	457.6	460.0	632.2	806.7	825.6	837.4	863.3
67.5°	393.9	311.3	445.8	367.9	419.9	422.2	563.8	705.3	731.2	740.6	757.1
70°	273.6	207.5	330.2	327.9	377.4	382.1	490.6	613.2	636.9	643.9	653.4
72.5°	200.5	167.5	273.6	294.8	332.6	337.3	415.2	509.5	533.1	540.1	544.9
75°	153.4	176.9	221.7	257.1	283.0	285.4	339.6	415.2	431.7	436.4	438.7
77.5°	122.6	165.1	162.7	207.5	231.2	226.5	266.5	320.8	334.9	334.9	334.9
80°	92.0	129.7	122.6	148.6	169.9	165.1	191.0	228.8	233.5	238.2	235.8
82.5°	68.4	82.6	82.6	94.3	113.2	108.5	127.4	148.6	148.6	148.6	153.4
85°	42.5	47.1	37.8	49.5	63.6	61.3	70.8	80.2	82.6	82.6	77.8
87.5°	26.0	21.2	11.8	18.8	28.3	28.3	33.0	35.3	33.0	33.0	33.0
90°	28.9	20.1	11.2	20.1	28.9	31.2	49.0	72.7	84.6	75.2	56.4
92.5°	196.0	120.2	44.5	120.2	196.0	214.9	302.2	418.5	476.6	417.7	299.9
95°	384.0	245.5	106.9	245.5	384.0	418.6	743.4	1176.4	1392.9	1243.0	943.1
97.5°	429.4	307.1	184.9	307.1	429.4	459.9	1001.4	1723.5	2084.4	1989.6	1800.1
100°	466.7	355.8	244.9	355.8	466.7	494.4	1095.3	1896.5	2297.1	2304.0	2317.9
102.5°	503.0	399.6	296.2	399.6	503.0	528.9	1138.4	1950.9	2357.2	2478.0	2719.5
105°	558.2	470.6	383.0	470.6	558.2	580.1	1170.2	1957.1	2350.5	2621.3	3162.6
107.5°	635.4	553.8	472.1	553.8	635.4	655.8	1176.2	1870.0	2216.9	2594.5	3349.7
110°	679.7	606.0	532.3	606.0	679.7	698.1	1167.3	1792.8	2105.6	2527.7	3372.0



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	731.8	661.5	591.3	661.5	731.8	749.4	1167.6	1725.3	2004.2	2436.2	3300.3
115°	810.0	745.2	680.4	745.2	810.0	826.2	1178.4	1648.0	1882.9	2299.0	3131.4
117.5°	886.1	827.2	768.3	827.2	886.1	900.8	1200.3	1599.7	1799.3	2175.0	2926.2
120°	930.4	874.9	819.5	874.9	930.4	944.2	1218.2	1583.3	1766.0	2109.2	2795.6
122.5°	981.4	925.6	869.6	925.6	981.4	995.4	1243.8	1574.8	1740.3	2049.4	2667.5
125°	1048.4	997.4	946.4	997.4	1048.4	1061.1	1278.2	1567.7	1712.5	1975.0	2500.1
127.5°	1111.8	1060.3	1008.8	1060.3	1111.8	1124.6	1312.8	1563.7	1689.1	1914.5	2365.4
130°	1153.1	1097.7	1042.2	1097.7	1153.1	1166.9	1338.0	1566.1	1680.2	1880.8	2282.3
132.5°	1187.6	1132.2	1076.8	1132.2	1187.6	1201.5	1358.5	1567.8	1672.4	1852.0	2211.3
135°	1229.0	1178.4	1127.9	1178.4	1229.0	1241.5	1380.7	1566.3	1659.0	1809.5	2110.4
137.5°	1280.2	1230.3	1180.3	1230.3	1280.2	1292.7	1414.1	1575.9	1656.9	1784.1	2038.4
140°	1315.7	1269.8	1223.7	1269.8	1315.7	1327.2	1434.5	1577.5	1649.0	1758.9	1978.7
142.5°	1342.2	1299.7	1257.1	1299.7	1342.2	1352.9	1451.6	1583.2	1649.0	1745.5	1938.5
145°	1382.6	1345.4	1308.3	1345.4	1382.6	1391.9	1473.9	1583.2	1637.9	1716.8	1874.7
147.5°	1431.9	1395.7	1359.5	1395.7	1431.9	1440.9	1506.6	1594.1	1637.9	1700.0	1824.2
150°	1458.3	1425.6	1392.9	1425.6	1458.3	1466.4	1523.5	1599.8	1637.9	1690.4	1795.2
152.5°	1477.0	1452.2	1427.5	1452.2	1477.0	1483.2	1534.8	1603.5	1637.9	1682.7	1772.2
155°	1515.3	1497.0	1478.7	1497.0	1515.3	1519.9	1559.2	1611.6	1637.9	1673.5	1744.8
157.5°	1552.2	1534.4	1516.6	1534.4	1552.2	1556.6	1583.7	1619.8	1637.9	1665.6	1721.1
160°	1569.9	1556.0	1542.2	1556.0	1569.9	1573.3	1594.8	1623.5	1637.9	1661.6	1709.2
162.5°	1588.6	1578.2	1567.8	1578.2	1588.6	1591.2	1606.7	1627.5	1637.9	1658.0	1698.0
165°	1614.4	1604.9	1595.6	1604.9	1614.4	1616.7	1623.8	1633.1	1637.9	1652.2	1681.0
167.5°	1630.1	1625.6	1621.2	1625.6	1630.1	1631.3	1637.2	1645.1	1649.0	1658.4	1677.2
170°	1646.8	1642.3	1637.9	1642.3	1646.8	1648.0	1648.3	1648.8	1649.0	1658.4	1677.2
172.5°	1648.8	1647.8	1646.8	1647.8	1648.8	1649.0	1649.0	1649.0	1649.0	1656.4	1671.3
175°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1655.7	1651.3	1649.0	1653.8	1663.1
177.5°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1656.4	1653.0	1651.3	1655.0	1662.4
180°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0



TEST NUMBER: P936045
 CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2405.9	2398.8	2408.3	2382.3	2408.3	2398.8	2405.9	2422.4	2408.3	2417.7	2427.1
5°	2111.0	2099.3	2061.5	2030.9	2061.5	2099.3	2111.0	2160.6	2184.2	2226.6	2283.2
7.5°	1887.0	1877.5	1868.1	1849.2	1868.1	1877.5	1887.0	1901.1	1924.8	1962.4	2004.9
10°	1837.5	1839.8	1854.0	1851.6	1854.0	1839.8	1837.5	1832.7	1825.7	1832.7	1858.7
12.5°	1964.8	1986.1	2063.9	2059.2	2063.9	1986.1	1964.8	1870.5	1806.8	1795.0	1799.7
15°	2111.0	2118.1	2134.6	2137.0	2134.6	2118.1	2111.0	2073.3	1882.3	1799.7	1773.7
17.5°	2125.2	2127.6	2139.3	2139.3	2139.3	2127.6	2125.2	2108.7	2045.0	1934.1	1787.9
20°	2113.5	2118.1	2141.8	2146.5	2141.8	2118.1	2113.5	2092.2	2056.8	2016.7	1905.8
22.5°	2108.7	2118.1	2137.0	2134.6	2137.0	2118.1	2108.7	2075.7	2045.0	2016.7	1971.9
25°	2085.1	2085.1	2087.5	2089.8	2087.5	2085.1	2085.1	2059.2	1997.9	1990.7	1964.8
27.5°	2035.6	2040.3	2054.5	2052.1	2054.5	2040.3	2035.6	2026.2	1960.1	1953.1	1934.1
30°	1990.7	1986.1	1974.2	1964.8	1974.2	1986.1	1990.7	1976.6	1910.6	1891.7	1896.4
32.5°	1915.3	1903.5	1891.7	1884.6	1891.7	1903.5	1915.3	1910.6	1861.0	1835.0	1839.8
35°	1825.7	1828.0	1825.7	1818.5	1825.7	1828.0	1825.7	1830.4	1799.7	1776.1	1773.7
37.5°	1761.9	1766.7	1764.4	1754.9	1764.4	1766.7	1761.9	1757.2	1714.8	1707.8	1712.4
40°	1695.9	1698.3	1695.9	1688.8	1695.9	1698.3	1695.9	1686.5	1627.5	1629.8	1646.3
42.5°	1632.2	1629.8	1622.8	1618.1	1622.8	1629.8	1632.2	1618.1	1542.6	1535.5	1566.2
45°	1559.1	1561.5	1547.4	1540.2	1547.4	1561.5	1559.1	1549.7	1471.8	1453.0	1474.2
47.5°	1486.0	1486.0	1474.2	1467.1	1474.2	1486.0	1486.0	1474.2	1391.7	1372.8	1384.5
50°	1408.2	1405.8	1389.3	1387.0	1389.3	1405.8	1408.2	1401.1	1313.8	1297.3	1297.3
52.5°	1318.5	1318.5	1320.9	1325.6	1320.9	1318.5	1318.5	1320.9	1243.1	1226.5	1221.8
55°	1240.7	1243.1	1259.6	1264.3	1259.6	1243.1	1240.7	1240.7	1170.0	1153.4	1144.0
57.5°	1160.5	1160.5	1172.3	1172.3	1172.3	1160.5	1160.5	1155.8	1087.4	1073.2	1068.5
60°	1068.5	1073.2	1082.7	1080.3	1082.7	1073.2	1068.5	1063.8	1004.8	995.4	978.8
62.5°	971.8	976.5	978.8	974.1	978.8	976.5	971.8	957.6	922.3	915.2	894.0
65°	870.4	875.1	877.4	872.7	877.4	875.1	870.4	863.3	837.4	825.6	806.7
67.5°	766.6	764.3	761.9	771.3	761.9	764.3	766.6	757.1	740.6	731.2	705.3
70°	660.4	660.4	658.0	662.8	658.0	660.4	660.4	653.4	643.9	636.9	613.2
72.5°	547.3	544.9	554.3	547.3	554.3	544.9	547.3	544.9	540.1	533.1	509.5
75°	436.4	441.0	436.4	443.5	436.4	441.0	436.4	438.7	436.4	431.7	415.2
77.5°	332.6	337.3	332.6	332.6	332.6	337.3	332.6	334.9	334.9	334.9	320.8
80°	235.8	233.5	233.5	231.2	233.5	233.5	235.8	235.8	238.2	233.5	228.8
82.5°	150.9	148.6	148.6	153.4	148.6	148.6	150.9	153.4	148.6	148.6	148.6
85°	82.6	84.9	80.2	80.2	80.2	84.9	82.6	77.8	82.6	82.6	80.2
87.5°	30.7	28.3	28.3	28.3	28.3	28.3	30.7	33.0	33.0	33.0	35.3
90°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	56.4	75.2	84.6	72.7
92.5°	211.6	203.2	169.5	135.9	169.5	203.2	211.6	299.9	417.7	476.6	418.5
95°	718.2	692.7	590.7	488.8	590.7	692.7	718.2	943.1	1243.0	1392.9	1176.4
97.5°	1658.0	1609.5	1415.4	1221.5	1415.4	1609.5	1658.0	1800.1	1989.6	2084.4	1723.5
100°	2328.2	2270.5	2039.4	1808.3	2039.4	2270.5	2328.2	2317.9	2304.0	2297.1	1896.5
102.5°	2900.6	2851.1	2653.1	2455.2	2653.1	2851.1	2900.6	2719.5	2478.0	2357.2	1950.9
105°	3568.7	3542.1	3435.7	3329.3	3435.7	3542.1	3568.7	3162.6	2621.3	2350.5	1957.1
107.5°	3916.1	3922.5	3948.2	3973.9	3948.2	3922.5	3916.1	3349.7	2594.5	2216.9	1870.0
110°	4005.2	4032.9	4143.7	4254.6	4143.7	4032.9	4005.2	3372.0	2527.7	2105.6	1792.8



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3948.3	3990.9	4161.1	4331.3	4161.1	3990.9	3948.3	3300.3	2436.2	2004.2	1725.3
115°	3755.7	3814.7	4050.8	4286.8	4050.8	3814.7	3755.7	3131.4	2299.0	1882.9	1648.0
117.5°	3489.6	3555.0	3816.8	4078.6	3816.8	3555.0	3489.6	2926.2	2175.0	1799.3	1599.7
120°	3310.4	3373.9	3628.3	3882.6	3628.3	3373.9	3310.4	2795.6	2109.2	1766.0	1583.3
122.5°	3131.0	3193.8	3444.7	3695.6	3444.7	3193.8	3131.0	2667.5	2049.4	1740.3	1574.8
125°	2893.9	2951.6	3182.8	3413.9	3182.8	2951.6	2893.9	2500.1	1975.0	1712.5	1567.7
127.5°	2703.5	2752.2	2947.3	3142.2	2947.3	2752.2	2703.5	2365.4	1914.5	1689.1	1563.7
130°	2583.2	2628.3	2808.5	2988.6	2808.5	2628.3	2583.2	2282.3	1880.8	1680.2	1566.1
132.5°	2480.8	2521.1	2682.4	2843.8	2682.4	2521.1	2480.8	2211.3	1852.0	1672.4	1567.8
135°	2336.1	2370.8	2509.9	2648.9	2509.9	2370.8	2336.1	2110.4	1809.5	1659.0	1566.3
137.5°	2229.1	2257.6	2371.4	2485.2	2371.4	2257.6	2229.1	2038.4	1784.1	1656.9	1575.9
140°	2143.4	2170.0	2276.4	2382.8	2276.4	2170.0	2143.4	1978.7	1758.9	1649.0	1577.5
142.5°	2083.3	2106.1	2197.7	2289.3	2197.7	2106.1	2083.3	1938.5	1745.5	1649.0	1583.2
145°	1993.1	2010.4	2079.7	2149.0	2079.7	2010.4	1993.1	1874.7	1716.8	1637.9	1583.2
147.5°	1917.3	1931.7	1989.1	2046.5	1989.1	1931.7	1917.3	1824.2	1700.0	1637.9	1594.1
150°	1874.0	1885.6	1932.2	1978.7	1932.2	1885.6	1874.0	1795.2	1690.4	1637.9	1599.8
152.5°	1839.4	1848.2	1883.3	1918.5	1883.3	1848.2	1839.4	1772.2	1682.7	1637.9	1603.5
155°	1798.3	1804.1	1827.4	1850.6	1827.4	1804.1	1798.3	1744.8	1673.5	1637.9	1611.6
157.5°	1762.7	1766.8	1783.0	1799.3	1783.0	1766.8	1762.7	1721.1	1665.6	1637.9	1619.8
160°	1744.8	1747.1	1756.6	1766.0	1756.6	1747.1	1744.8	1709.2	1661.6	1637.9	1623.5
162.5°	1728.1	1730.3	1739.2	1748.1	1739.2	1730.3	1728.1	1698.0	1658.0	1637.9	1627.5
165°	1702.5	1704.8	1714.3	1723.6	1714.3	1704.8	1702.5	1681.0	1652.2	1637.9	1633.1
167.5°	1691.3	1692.3	1696.3	1700.3	1696.3	1692.3	1691.3	1677.2	1658.4	1649.0	1645.1
170°	1691.3	1691.3	1691.3	1691.3	1691.3	1691.3	1691.3	1677.2	1658.4	1649.0	1648.8
172.5°	1682.4	1681.5	1678.1	1674.6	1678.1	1681.5	1682.4	1671.3	1656.4	1649.0	1649.0
175°	1670.2	1670.2	1670.2	1670.2	1670.2	1670.2	1670.2	1663.1	1653.8	1649.0	1651.3
177.5°	1667.9	1667.0	1663.0	1659.0	1663.0	1667.0	1667.9	1662.4	1655.0	1651.3	1653.0
180°	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0	1659.0



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2493.2	2493.2	2493.2	2493.2	2493.2
2.5°	2462.5	2474.3	2481.4	2490.9	2514.4
5°	2368.1	2412.9	2427.1	2462.5	2505.0
7.5°	2160.6	2297.4	2335.1	2420.1	2486.1
10°	1960.1	2096.9	2162.9	2363.5	2462.5
12.5°	1858.7	1938.9	1983.7	2264.4	2429.4
15°	1795.0	1851.6	1884.6	2132.3	2391.8
17.5°	1745.4	1785.6	1809.2	2002.6	2339.8
20°	1714.8	1733.6	1754.9	1908.2	2280.9
22.5°	1693.6	1681.8	1698.3	1842.2	2200.7
25°	1679.4	1634.6	1653.5	1790.2	2106.3
27.5°	1691.2	1592.2	1599.2	1743.1	2007.2
30°	1693.6	1540.2	1542.6	1693.6	1896.4
32.5°	1677.1	1486.0	1488.4	1632.2	1771.4
35°	1637.0	1422.3	1420.0	1561.5	1601.5
37.5°	1582.7	1353.9	1353.9	1483.6	1415.2
40°	1516.7	1285.5	1292.6	1382.2	1250.1
42.5°	1436.5	1212.4	1221.8	1247.8	1127.5
45°	1349.2	1141.7	1148.7	1054.4	1033.1
47.5°	1252.5	1068.5	1070.9	875.1	1002.5
50°	1136.9	993.0	983.6	750.1	1000.1
52.5°	1035.4	910.5	882.2	679.3	908.2
55°	936.4	823.2	761.9	625.1	842.1
57.5°	849.1	710.0	651.0	561.4	827.9
60°	768.9	599.1	554.3	493.0	759.5
62.5°	702.9	516.6	507.1	445.8	688.7
65°	632.2	460.0	457.6	405.7	584.9
67.5°	563.8	422.2	419.9	367.9	445.8
70°	490.6	382.1	377.4	327.9	330.2
72.5°	415.2	337.3	332.6	294.8	273.6
75°	339.6	285.4	283.0	257.1	221.7
77.5°	266.5	226.5	231.2	207.5	162.7
80°	191.0	165.1	169.9	148.6	122.6
82.5°	127.4	108.5	113.2	94.3	82.6
85°	70.8	61.3	63.6	49.5	37.8
87.5°	33.0	28.3	28.3	18.8	11.8
90°	49.0	31.2	28.9	20.1	11.2
92.5°	302.2	214.9	196.0	120.2	44.5
95°	743.4	418.6	384.0	245.5	106.9
97.5°	1001.4	459.9	429.4	307.1	184.9
100°	1095.3	494.4	466.7	355.8	244.9
102.5°	1138.4	528.9	503.0	399.6	296.2
105°	1170.2	580.1	558.2	470.6	383.0
107.5°	1176.2	655.8	635.4	553.8	472.1
110°	1167.3	698.1	679.7	606.0	532.3



TEST NUMBER: P936045

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1167.6	749.4	731.8	661.5	591.3
115°	1178.4	826.2	810.0	745.2	680.4
117.5°	1200.3	900.8	886.1	827.2	768.3
120°	1218.2	944.2	930.4	874.9	819.5
122.5°	1243.8	995.4	981.4	925.6	869.6
125°	1278.2	1061.1	1048.4	997.4	946.4
127.5°	1312.8	1124.6	1111.8	1060.3	1008.8
130°	1338.0	1166.9	1153.1	1097.7	1042.2
132.5°	1358.5	1201.5	1187.6	1132.2	1076.8
135°	1380.7	1241.5	1229.0	1178.4	1127.9
137.5°	1414.1	1292.7	1280.2	1230.3	1180.3
140°	1434.5	1327.2	1315.7	1269.8	1223.7
142.5°	1451.6	1352.9	1342.2	1299.7	1257.1
145°	1473.9	1391.9	1382.6	1345.4	1308.3
147.5°	1506.6	1440.9	1431.9	1395.7	1359.5
150°	1523.5	1466.4	1458.3	1425.6	1392.9
152.5°	1534.8	1483.2	1477.0	1452.2	1427.5
155°	1559.2	1519.9	1515.3	1497.0	1478.7
157.5°	1583.7	1556.6	1552.2	1534.4	1516.6
160°	1594.8	1573.3	1569.9	1556.0	1542.2
162.5°	1606.7	1591.2	1588.6	1578.2	1567.8
165°	1623.8	1616.7	1614.4	1604.9	1595.6
167.5°	1637.2	1631.3	1630.1	1625.6	1621.2
170°	1648.3	1648.0	1646.8	1642.3	1637.9
172.5°	1649.0	1649.0	1648.8	1647.8	1646.8
175°	1655.7	1659.0	1659.0	1659.0	1659.0
177.5°	1656.4	1659.0	1659.0	1659.0	1659.0
180°	1659.0	1659.0	1659.0	1659.0	1659.0



TEST NUMBER: P936045
 CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-3500K

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	12.04	12.80	13.10	13.86	15.30	14.88	15.64	15.94	16.70	18.14
	3H	12.51	13.19	13.58	14.26	15.72	16.22	16.90	17.29	17.97	19.42
	4H	12.70	13.34	13.77	14.41	15.88	16.66	17.30	17.74	18.38	19.84
	6H	12.81	13.40	13.90	14.48	15.95	16.94	17.53	18.03	18.61	20.08
	8H	12.81	13.37	13.90	14.46	15.93	17.01	17.58	18.11	18.67	20.14
	12H	12.78	13.31	13.87	14.40	15.89	17.05	17.59	18.15	18.67	20.16
4H	2H	13.06	13.71	14.15	14.78	16.24	15.27	15.92	16.36	16.99	18.45
	3H	14.08	14.62	15.17	15.72	17.19	16.77	17.31	17.87	18.41	19.89
	4H	14.35	14.84	15.45	15.93	17.43	17.30	17.79	18.40	18.88	20.38
	6H	14.47	14.89	15.58	16.01	17.50	17.66	18.08	18.77	19.19	20.69
	8H	14.47	14.87	15.58	15.97	17.48	17.77	18.16	18.87	19.26	20.77
	12H	14.44	14.79	15.56	15.91	17.42	17.82	18.18	18.94	19.29	20.80
8H	4H	14.80	15.19	15.90	16.30	17.80	17.41	17.81	18.52	18.91	20.42
	6H	15.06	15.38	16.18	16.53	18.03	17.85	18.17	18.98	19.32	20.82
	8H	15.10	15.38	16.23	16.51	18.03	18.00	18.29	19.13	19.41	20.94
	12H	15.08	15.33	16.21	16.45	18.01	18.10	18.35	19.23	19.47	21.03
12H	4H	14.80	15.16	15.92	16.27	17.79	17.37	17.73	18.50	18.85	20.36
	6H	15.12	15.40	16.25	16.53	18.05	17.85	18.13	18.98	19.26	20.78
	8H	15.18	15.43	16.32	16.55	18.11	18.00	18.25	19.14	19.38	20.94