

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: P935792

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935792
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

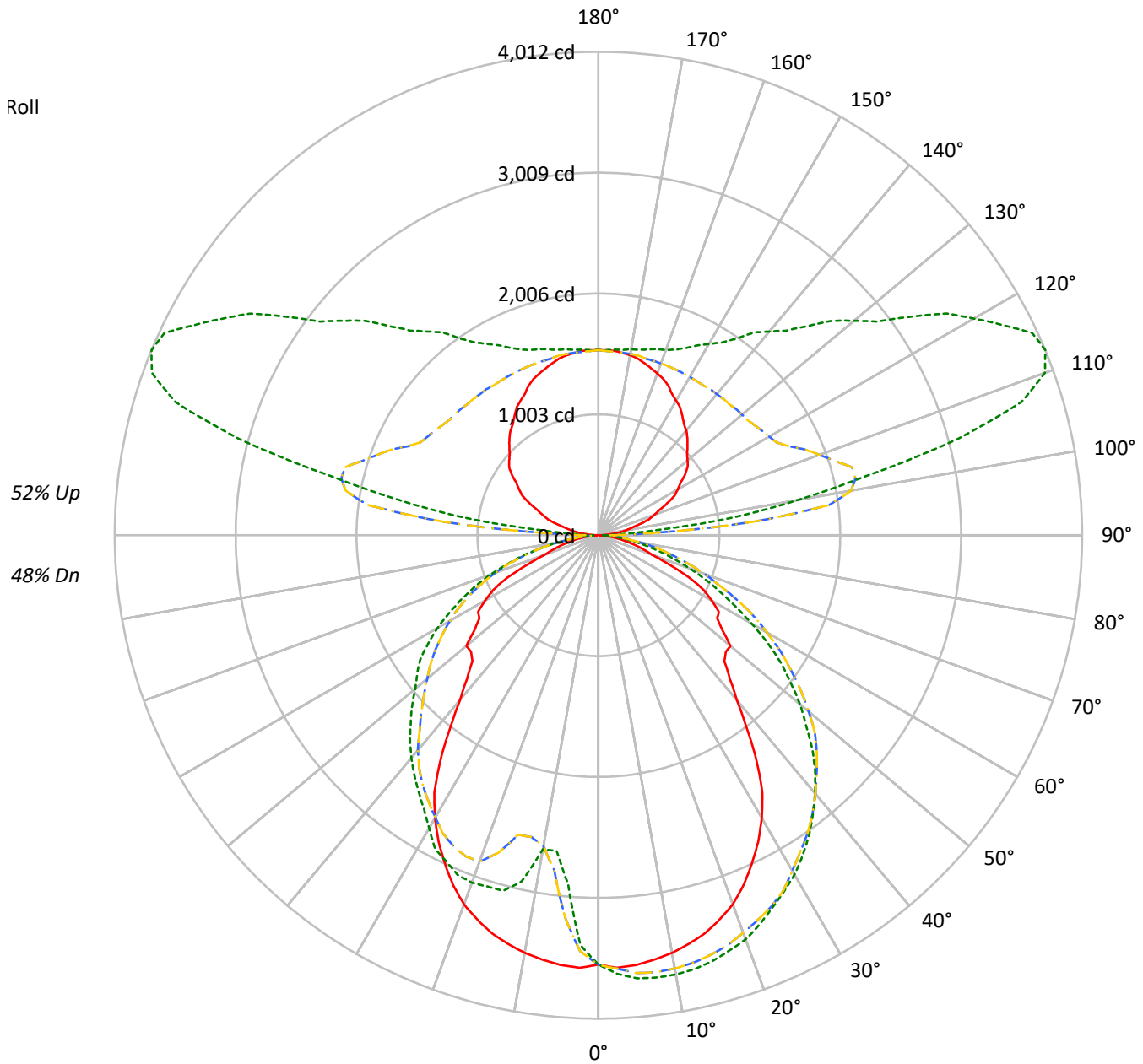
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19205.9 lumens
Efficiency: N/A
Efficacy: 127.7 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): 150.4
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

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16654	16687	16654	13121
10°	16543	16437	16543	11752
15°	16363	16081	16363	13428
20°	16020	15659	16020	13456
25°	15320	15044	15320	13171
30°	14415	14533	14415	12545
35°	12851	13887	12851	11857
40°	10708	13126	10708	11337
45°	9568	12236	9568	10739
50°	10164	11174	10164	10139
55°	9563	10030	9563	9792
60°	9857	8518	9857	8969
65°	8937	7041	8937	7871
70°	6189	5612	6189	6598
75°	5426	4148	5426	4967
80°	4374	2743	4374	2987
85°	2511	1453	2511	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14664 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.6	1.7
10°-20°	913.1	4.8
20°-30°	1411.6	7.3
30°-40°	1685.1	8.8
40°-50°	1695.0	8.8
50°-60°	1474.8	7.7
60°-70°	1045.7	5.4
70°-80°	553.2	2.9
80°-90°	143.6	0.7
90°-100°	749.1	3.9
100°-110°	1969.4	10.3
110°-120°	2042.0	10.6
120°-130°	1638.0	8.5
130°-140°	1285.2	6.7
140°-150°	986.5	5.1
150°-160°	710.4	3.7
160°-170°	434.7	2.3
170°-180°	146.9	0.8
0°-30°	2646.3	13.8
0°-40°	4331.4	22.6
0°-60°	7501.2	39.1
0°-90°	9243.8	48.1
90°-120°	4760.5	24.8
90°-150°	8670.2	45.1
90°-180°	9962.0	51.9
0°-180°	19205.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3563	3563	3563	3563	3563	
5°	3580	3691	3580	2902	3580	340
15°	3418	3657	3418	3054	3418	962
25°	3010	3411	3010	2986	3010	1382
35°	2289	3044	2289	2599	2289	1416
45°	1476	2508	1476	2201	1476	1183
55°	1203	1851	1203	1807	1203	1106
65°	836	1116	836	1247	836	799
75°	317	529	317	634	317	333
85°	54	135	54	115	54	73
90°	10	39	10	39	10	11
95°	99	453	99	453	99	110
105°	355	3084	355	3084	355	376
115°	630	3971	630	3971	630	622
125°	877	3162	877	3162	877	778
135°	1045	2454	1045	2454	1045	808
145°	1212	1990	1212	1990	1212	759
155°	1370	1714	1370	1714	1370	629
165°	1478	1597	1478	1597	1478	417
175°	1537	1547	1537	1547	1537	146
180°	1537	1537	1537	1537	1537	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3593.2	3593.2	3613.4	3620.2	3620.2	3610.1	3599.9	3610.1	3640.4	3650.5	3647.2
5°	3579.7	3606.7	3643.8	3650.5	3657.2	3653.9	3647.2	3653.9	3687.6	3694.4	3697.7
7.5°	3552.7	3603.3	3650.5	3660.6	3670.8	3660.6	3657.2	3664.0	3697.7	3704.4	3704.4
10°	3519.1	3589.9	3643.8	3650.5	3660.6	3650.5	3650.5	3664.0	3697.7	3704.4	3707.8
12.5°	3471.9	3569.6	3620.2	3626.9	3640.4	3637.0	3633.7	3647.2	3680.8	3687.6	3687.6
15°	3418.0	3532.5	3579.7	3586.5	3610.1	3603.3	3603.3	3616.8	3653.9	3664.0	3660.6
17.5°	3343.8	3485.3	3539.3	3549.3	3566.3	3562.9	3566.3	3579.7	3613.4	3620.2	3623.5
20°	3259.5	3421.3	3485.3	3495.5	3512.3	3512.3	3512.3	3529.1	3562.9	3576.3	3576.3
22.5°	3144.9	3353.9	3421.3	3428.0	3448.3	3448.3	3455.0	3478.6	3508.9	3512.3	3512.3
25°	3010.1	3279.7	3337.0	3357.2	3377.4	3387.6	3397.8	3411.2	3421.3	3418.0	3421.3
27.5°	2868.5	3185.3	3259.5	3273.0	3299.9	3310.1	3323.6	3326.9	3330.3	3340.4	3333.6
30°	2710.1	3053.9	3165.1	3178.6	3222.5	3229.1	3215.7	3222.5	3239.3	3246.1	3252.7
32.5°	2531.4	2858.4	3067.4	3097.8	3138.2	3118.0	3114.6	3124.7	3151.6	3151.6	3158.4
35°	2288.7	2706.7	2976.3	3003.3	3033.6	3010.1	3023.6	3026.9	3043.8	3053.9	3050.5
37.5°	2022.5	2575.3	2882.0	2902.2	2925.8	2895.5	2915.7	2925.8	2939.3	2932.5	2932.5
40°	1786.5	2369.6	2770.8	2784.2	2804.4	2780.8	2801.1	2807.8	2814.6	2807.8	2804.4
42.5°	1611.2	2143.8	2652.7	2669.6	2656.1	2673.0	2679.7	2693.2	2683.1	2669.6	2669.6
45°	1476.4	2083.1	2524.7	2544.9	2524.7	2551.7	2561.8	2561.8	2531.4	2524.7	2521.3
47.5°	1432.5	1961.7	2396.6	2396.6	2386.5	2420.2	2437.0	2413.4	2383.1	2373.0	2373.0
50°	1429.2	1827.0	2221.3	2207.8	2255.0	2295.5	2278.6	2255.0	2231.4	2194.4	2194.4
52.5°	1297.7	1661.7	1995.5	2046.1	2120.2	2143.8	2116.8	2093.2	2052.8	2035.9	2022.5
55°	1203.4	1489.9	1789.9	1891.0	1968.5	1998.9	1948.3	1924.7	1864.0	1854.0	1847.2
57.5°	1183.1	1240.4	1601.1	1729.2	1823.6	1820.2	1789.9	1746.1	1695.5	1685.3	1682.0
60°	1085.3	896.6	1398.9	1550.6	1648.3	1638.2	1611.2	1570.8	1523.6	1516.8	1510.1
62.5°	984.2	650.6	1169.6	1341.5	1479.8	1476.4	1452.8	1392.1	1358.4	1341.5	1328.1
65°	835.9	546.1	832.6	1115.7	1314.6	1321.3	1270.8	1227.0	1189.8	1169.6	1166.3
67.5°	637.0	444.9	562.9	930.4	1156.2	1149.4	1085.3	1065.1	1018.0	1007.9	987.6
70°	471.9	296.6	391.0	755.1	1001.1	984.2	933.7	910.1	866.3	842.7	829.2
72.5°	391.0	239.3	286.5	586.5	842.7	822.5	778.7	751.7	714.6	694.4	680.9
75°	316.8	252.8	219.1	434.9	684.3	670.8	630.4	603.4	573.0	546.1	549.4
77.5°	232.6	236.0	175.3	320.2	542.7	522.5	498.9	465.1	451.7	424.7	424.7
80°	175.3	185.4	131.5	219.1	391.0	391.0	370.8	347.2	323.6	310.2	310.2
82.5°	117.9	117.9	97.7	138.2	266.3	256.2	242.7	236.0	222.5	215.7	215.7
85°	53.9	67.4	60.7	84.3	144.9	151.7	151.7	144.9	141.5	134.9	138.2
87.5°	16.8	30.4	37.1	47.2	74.2	77.5	80.9	80.9	80.9	84.3	84.3
90°	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2	39.1	39.1
92.5°	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8	195.9	188.1
95°	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6	665.2	641.6
97.5°	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4	1535.7	1490.8
100°	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0	2156.6	2103.2
102.5°	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0	2686.7	2640.9
105°	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4	3305.5	3280.9
107.5°	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7	3627.3	3633.3
110°	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4	3709.8	3735.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9	3657.2	3696.7
115°	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6	3478.8	3533.5
117.5°	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4	3232.3	3293.0
120°	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4	3066.3	3125.1
122.5°	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9	2900.3	2958.3
125°	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8	2680.5	2734.0
127.5°	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0	2504.1	2549.3
130°	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0	2392.8	2434.5
132.5°	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3	2297.9	2335.2
135°	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7	2163.8	2196.0
137.5°	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1	2064.8	2091.2
140°	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7	1985.4	2010.0
142.5°	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6	1929.7	1950.9
145°	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5	1846.2	1862.2
147.5°	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7	1776.1	1789.3
150°	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9	1735.8	1746.6
152.5°	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6	1703.9	1712.0
155°	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2	1665.7	1671.1
157.5°	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1	1632.6	1636.4
160°	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1	1616.1	1618.3
162.5°	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8	1600.7	1602.8
165°	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0	1577.0	1579.2
167.5°	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6	1566.6	1567.5
170°	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6	1566.6	1566.6
172.5°	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1	1558.4	1557.6
175°	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5	1547.1	1547.1
177.5°	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8	1545.0	1544.1
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3653.9	3643.8	3653.9	3647.2	3650.5	3640.4	3610.1	3599.9	3610.1	3620.2	3620.2
5°	3697.7	3691.0	3697.7	3697.7	3694.4	3687.6	3653.9	3647.2	3653.9	3657.2	3650.5
7.5°	3711.2	3701.0	3711.2	3704.4	3704.4	3697.7	3664.0	3657.2	3660.6	3670.8	3660.6
10°	3711.2	3701.0	3711.2	3707.8	3704.4	3697.7	3664.0	3650.5	3650.5	3660.6	3650.5
12.5°	3694.4	3687.6	3694.4	3687.6	3687.6	3680.8	3647.2	3633.7	3637.0	3640.4	3626.9
15°	3667.4	3657.2	3667.4	3660.6	3664.0	3653.9	3616.8	3603.3	3603.3	3610.1	3586.5
17.5°	3626.9	3613.4	3626.9	3623.5	3620.2	3613.4	3579.7	3566.3	3562.9	3566.3	3549.3
20°	3579.7	3569.6	3579.7	3576.3	3576.3	3562.9	3529.1	3512.3	3512.3	3512.3	3495.5
22.5°	3505.5	3495.5	3505.5	3512.3	3512.3	3508.9	3478.6	3455.0	3448.3	3448.3	3428.0
25°	3421.3	3411.2	3421.3	3421.3	3418.0	3421.3	3411.2	3397.8	3387.6	3377.4	3357.2
27.5°	3340.4	3333.6	3340.4	3333.6	3340.4	3330.3	3326.9	3323.6	3310.1	3299.9	3273.0
30°	3259.5	3252.7	3259.5	3252.7	3246.1	3239.3	3222.5	3215.7	3229.1	3222.5	3178.6
32.5°	3158.4	3151.6	3158.4	3158.4	3151.6	3151.6	3124.7	3114.6	3118.0	3138.2	3097.8
35°	3053.9	3043.8	3053.9	3050.5	3053.9	3043.8	3026.9	3023.6	3010.1	3033.6	3003.3
37.5°	2932.5	2922.5	2932.5	2932.5	2932.5	2939.3	2925.8	2915.7	2895.5	2925.8	2902.2
40°	2807.8	2794.4	2807.8	2804.4	2807.8	2814.6	2807.8	2801.1	2780.8	2804.4	2784.2
42.5°	2666.3	2662.9	2666.3	2669.6	2669.6	2683.1	2693.2	2679.7	2673.0	2656.1	2669.6
45°	2514.6	2507.8	2514.6	2521.3	2524.7	2531.4	2561.8	2561.8	2551.7	2524.7	2544.9
47.5°	2352.8	2335.9	2352.8	2373.0	2373.0	2383.1	2413.4	2437.0	2420.2	2386.5	2396.6
50°	2180.8	2184.2	2180.8	2194.4	2194.4	2231.4	2255.0	2278.6	2295.5	2255.0	2207.8
52.5°	2012.3	2008.9	2012.3	2022.5	2035.9	2052.8	2093.2	2116.8	2143.8	2120.2	2046.1
55°	1843.8	1850.6	1843.8	1847.2	1854.0	1864.0	1924.7	1948.3	1998.9	1968.5	1891.0
57.5°	1675.3	1665.1	1675.3	1682.0	1685.3	1695.5	1746.1	1789.9	1820.2	1823.6	1729.2
60°	1479.8	1466.3	1479.8	1510.1	1516.8	1523.6	1570.8	1611.2	1638.2	1648.3	1550.6
62.5°	1307.8	1284.2	1307.8	1328.1	1341.5	1358.4	1392.1	1452.8	1476.4	1479.8	1341.5
65°	1125.8	1115.7	1125.8	1166.3	1169.6	1189.8	1227.0	1270.8	1321.3	1314.6	1115.7
67.5°	960.6	960.6	960.6	987.6	1007.9	1018.0	1065.1	1085.3	1149.4	1156.2	930.4
70°	809.0	805.6	809.0	829.2	842.7	866.3	910.1	933.7	984.2	1001.1	755.1
72.5°	664.0	660.6	664.0	680.9	694.4	714.6	751.7	778.7	822.5	842.7	586.5
75°	535.9	529.2	535.9	549.4	546.1	573.0	603.4	630.4	670.8	684.3	434.9
77.5°	411.2	411.2	411.2	424.7	424.7	451.7	465.1	498.9	522.5	542.7	320.2
80°	306.8	303.4	306.8	310.2	310.2	323.6	347.2	370.8	391.0	391.0	219.1
82.5°	215.7	209.0	215.7	215.7	215.7	222.5	236.0	242.7	256.2	266.3	138.2
85°	134.9	134.9	134.9	138.2	134.9	141.5	144.9	151.7	151.7	144.9	84.3
87.5°	87.6	84.3	87.6	84.3	84.3	80.9	80.9	80.9	77.5	74.2	47.2
90°	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4	45.4	28.9
92.5°	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5	279.9	199.1
95°	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7	688.6	387.8
97.5°	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4	927.6	426.0
100°	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6	1014.5	458.0
102.5°	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1	1054.5	489.9
105°	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8	1083.9	537.3
107.5°	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1	1089.4	607.5
110°	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6	1081.3	646.7



TEST NUMBER: P935792

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2	1081.6	694.1
115°	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6	1091.5	765.2
117.5°	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7	1111.8	834.3
120°	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6	1128.3	874.6
122.5°	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6	1152.0	922.0
125°	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2	1183.9	982.9
127.5°	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4	1216.0	1041.7
130°	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7	1239.3	1080.9
132.5°	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2	1258.2	1112.8
135°	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8	1278.9	1150.0
137.5°	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7	1309.8	1197.4
140°	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2	1328.8	1229.4
142.5°	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5	1344.5	1253.1
145°	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5	1365.2	1289.2
147.5°	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6	1395.5	1334.6
150°	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8	1411.2	1358.3
152.5°	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2	1421.6	1373.8
155°	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8	1444.3	1407.8
157.5°	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4	1466.9	1441.8
160°	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9	1477.3	1457.3
162.5°	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4	1488.2	1473.8
165°	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7	1504.1	1497.6
167.5°	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8	1516.4	1510.9
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3	1526.8	1526.5
172.5°	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6	1533.6	1536.7
177.5°	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2	1534.3	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935792

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3613.4	3593.2	3593.2	3559.5	3546.1	3535.9	3519.1	3468.5	3455.0	3441.5	3461.8
5°	3643.8	3606.7	3579.7	3519.1	3468.5	3448.3	3384.2	3262.9	3182.0	3121.3	3087.6
7.5°	3650.5	3603.3	3552.7	3458.4	3337.0	3283.1	3087.6	2865.1	2804.4	2750.6	2716.8
10°	3643.8	3589.9	3519.1	3377.4	3091.0	2996.6	2801.1	2656.1	2619.1	2608.9	2619.1
12.5°	3620.2	3569.6	3471.9	3235.9	2834.8	2770.8	2656.1	2571.9	2565.1	2582.0	2673.0
15°	3579.7	3532.5	3418.0	3047.2	2693.2	2646.1	2565.1	2534.8	2571.9	2689.9	2962.9
17.5°	3539.3	3485.3	3343.8	2861.8	2585.3	2551.7	2494.4	2555.0	2764.0	2922.5	3013.4
20°	3485.3	3421.3	3259.5	2726.9	2507.8	2477.5	2450.6	2723.6	2882.0	2939.3	2989.9
22.5°	3421.3	3353.9	3144.9	2632.5	2427.0	2403.3	2420.2	2818.0	2882.0	2922.5	2966.3
25°	3337.0	3279.7	3010.1	2558.4	2362.9	2335.9	2400.0	2807.8	2844.9	2855.0	2942.7
27.5°	3259.5	3185.3	2868.5	2491.0	2285.3	2275.3	2416.8	2764.0	2791.0	2801.1	2895.5
30°	3165.1	3053.9	2710.1	2420.2	2204.4	2201.1	2420.2	2710.1	2703.3	2730.3	2824.7
32.5°	3067.4	2858.4	2531.4	2332.5	2127.0	2123.6	2396.6	2629.1	2622.5	2659.5	2730.3
35°	2976.3	2706.7	2288.7	2231.4	2029.2	2032.5	2339.3	2534.8	2538.2	2571.9	2615.7
37.5°	2882.0	2575.3	2022.5	2120.2	1934.8	1934.8	2261.7	2447.2	2440.4	2450.6	2511.2
40°	2770.8	2369.6	1786.5	1975.3	1847.2	1837.0	2167.4	2352.8	2329.1	2325.9	2410.1
42.5°	2652.7	2143.8	1611.2	1783.1	1746.1	1732.5	2052.8	2238.2	2194.4	2204.4	2312.3
45°	2524.7	2083.1	1476.4	1506.7	1641.5	1631.4	1928.1	2106.7	2076.4	2103.4	2214.6
47.5°	2396.6	1961.7	1432.5	1250.6	1530.4	1527.0	1789.9	1978.7	1961.7	1988.7	2106.7
50°	2221.3	1827.0	1429.2	1071.9	1405.6	1419.1	1624.7	1854.0	1854.0	1877.5	2002.3
52.5°	1995.5	1661.7	1297.7	970.8	1260.6	1301.1	1479.8	1746.1	1752.8	1776.4	1887.6
55°	1789.9	1489.9	1203.4	893.2	1088.7	1176.4	1338.2	1634.8	1648.3	1671.9	1773.0
57.5°	1601.1	1240.4	1183.1	802.3	930.4	1014.6	1213.4	1527.0	1533.6	1554.0	1651.7
60°	1398.9	896.6	1085.3	704.5	792.1	856.2	1098.9	1398.9	1422.5	1435.9	1520.2
62.5°	1169.6	650.6	984.2	637.0	724.7	738.2	1004.5	1277.5	1307.8	1318.0	1368.5
65°	832.6	546.1	835.9	579.8	653.9	657.3	903.4	1152.8	1179.8	1196.6	1233.6
67.5°	562.9	444.9	637.0	525.8	600.0	603.4	805.6	1007.9	1044.9	1058.4	1082.1
70°	391.0	296.6	471.9	468.5	539.3	546.1	701.1	876.4	910.1	920.2	933.7
72.5°	286.5	239.3	391.0	421.3	475.3	482.1	593.2	728.1	761.7	771.9	778.7
75°	219.1	252.8	316.8	367.4	404.5	407.9	485.4	593.2	616.8	623.6	627.0
77.5°	175.3	236.0	232.6	296.6	330.4	323.6	380.9	458.5	478.7	478.7	478.7
80°	131.5	185.4	175.3	212.3	242.7	236.0	273.0	327.0	333.7	340.4	337.0
82.5°	97.7	117.9	117.9	134.9	161.8	155.1	182.1	212.3	212.3	212.3	219.1
85°	60.7	67.4	53.9	70.8	91.0	87.6	101.1	114.6	117.9	117.9	111.3
87.5°	37.1	30.4	16.8	27.0	40.4	40.4	47.2	50.6	47.2	47.2	47.2
90°	26.8	18.6	10.4	18.6	26.8	28.9	45.4	67.4	78.4	69.6	52.2
92.5°	181.6	111.4	41.2	111.4	181.6	199.1	279.9	387.5	441.4	386.8	277.8
95°	355.8	227.4	99.0	227.4	355.8	387.8	688.6	1089.7	1290.2	1151.4	873.6
97.5°	397.7	284.5	171.2	284.5	397.7	426.0	927.6	1596.4	1930.7	1843.0	1667.4
100°	432.3	329.6	226.9	329.6	432.3	458.0	1014.5	1756.6	2127.8	2134.1	2147.0
102.5°	465.9	370.1	274.3	370.1	465.9	489.9	1054.5	1807.1	2183.4	2295.3	2519.0
105°	517.0	435.9	354.8	435.9	517.0	537.3	1083.9	1812.8	2177.3	2427.9	2929.4
107.5°	588.5	512.9	437.3	512.9	588.5	607.5	1089.4	1732.1	2053.5	2403.2	3102.7
110°	629.7	561.3	493.0	561.3	629.7	646.7	1081.3	1660.6	1950.4	2341.4	3123.4



TEST NUMBER: P935792

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	677.9	612.7	547.7	612.7	677.9	694.1	1081.6	1598.2	1856.4	2256.6	3056.9
115°	750.2	690.2	630.2	690.2	750.2	765.2	1091.5	1526.6	1744.1	2129.5	2900.6
117.5°	820.7	766.2	711.6	766.2	820.7	834.3	1111.8	1481.7	1666.7	2014.6	2710.4
120°	861.7	810.4	759.1	810.4	861.7	874.6	1128.3	1466.6	1635.7	1953.7	2589.4
122.5°	909.0	857.3	805.5	857.3	909.0	922.0	1152.0	1458.6	1612.0	1898.3	2470.9
125°	971.1	923.9	876.7	923.9	971.1	982.9	1183.9	1452.2	1586.2	1829.5	2315.8
127.5°	1029.8	982.2	934.4	982.2	1029.8	1041.7	1216.0	1448.4	1564.6	1773.4	2191.0
130°	1068.0	1016.7	965.3	1016.7	1068.0	1080.9	1239.3	1450.7	1556.3	1742.2	2114.0
132.5°	1100.0	1048.7	997.3	1048.7	1100.0	1112.8	1258.2	1452.2	1549.1	1715.5	2048.3
135°	1138.3	1091.5	1044.8	1091.5	1138.3	1150.0	1278.9	1450.8	1536.7	1676.1	1954.7
137.5°	1185.8	1139.5	1093.2	1139.5	1185.8	1197.4	1309.8	1459.7	1534.6	1652.5	1888.1
140°	1218.7	1176.1	1133.4	1176.1	1218.7	1229.4	1328.8	1461.2	1527.5	1629.3	1832.7
142.5°	1243.2	1203.9	1164.4	1203.9	1243.2	1253.1	1344.5	1466.5	1527.5	1616.8	1795.6
145°	1280.7	1246.2	1211.8	1246.2	1280.7	1289.2	1365.2	1466.5	1517.1	1590.2	1736.5
147.5°	1326.3	1292.8	1259.3	1292.8	1326.3	1334.6	1395.5	1476.6	1517.1	1574.7	1689.7
150°	1350.8	1320.5	1290.2	1320.5	1350.8	1358.3	1411.2	1481.8	1517.1	1565.7	1662.9
152.5°	1368.0	1345.1	1322.2	1345.1	1368.0	1373.8	1421.6	1485.2	1517.1	1558.6	1641.6
155°	1403.6	1386.6	1369.7	1386.6	1403.6	1407.8	1444.3	1492.8	1517.1	1550.2	1616.2
157.5°	1437.7	1421.2	1404.8	1421.2	1437.7	1441.8	1466.9	1500.4	1517.1	1542.8	1594.1
160°	1454.2	1441.3	1428.5	1441.3	1454.2	1457.3	1477.3	1503.9	1517.1	1539.1	1583.1
162.5°	1471.4	1461.7	1452.2	1461.7	1471.4	1473.8	1488.2	1507.4	1517.1	1535.6	1572.8
165°	1495.4	1486.7	1478.0	1486.7	1495.4	1497.6	1504.1	1512.7	1517.1	1530.5	1557.0
167.5°	1509.9	1505.8	1501.7	1505.8	1509.9	1510.9	1516.4	1523.8	1527.5	1536.1	1553.6
170°	1525.5	1521.3	1517.1	1521.3	1525.5	1526.5	1526.8	1527.3	1527.5	1536.1	1553.6
172.5°	1527.3	1526.3	1525.4	1526.3	1527.3	1527.5	1527.5	1527.5	1527.5	1534.3	1548.1
175°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1533.6	1529.6	1527.5	1531.8	1540.5
177.5°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1534.3	1531.2	1529.6	1532.9	1539.8
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935792

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3438.2	3428.0	3441.5	3404.4	3441.5	3428.0	3438.2	3461.8	3441.5	3455.0	3468.5
5°	3016.8	3000.0	2946.1	2902.2	2946.1	3000.0	3016.8	3087.6	3121.3	3182.0	3262.9
7.5°	2696.6	2683.1	2669.6	2642.7	2669.6	2683.1	2696.6	2716.8	2750.6	2804.4	2865.1
10°	2625.9	2629.1	2649.4	2646.1	2649.4	2629.1	2625.9	2619.1	2608.9	2619.1	2656.1
12.5°	2807.8	2838.2	2949.4	2942.7	2949.4	2838.2	2807.8	2673.0	2582.0	2565.1	2571.9
15°	3016.8	3026.9	3050.5	3053.9	3050.5	3026.9	3016.8	2962.9	2689.9	2571.9	2534.8
17.5°	3037.0	3040.4	3057.2	3057.2	3057.2	3040.4	3037.0	3013.4	2922.5	2764.0	2555.0
20°	3020.2	3026.9	3060.6	3067.4	3060.6	3026.9	3020.2	2989.9	2939.3	2882.0	2723.6
22.5°	3013.4	3026.9	3053.9	3050.5	3053.9	3026.9	3013.4	2966.3	2922.5	2882.0	2818.0
25°	2979.7	2979.7	2983.1	2986.5	2983.1	2979.7	2979.7	2942.7	2855.0	2844.9	2807.8
27.5°	2908.9	2915.7	2935.9	2932.5	2935.9	2915.7	2908.9	2895.5	2801.1	2791.0	2764.0
30°	2844.9	2838.2	2821.3	2807.8	2821.3	2838.2	2844.9	2824.7	2730.3	2703.3	2710.1
32.5°	2737.0	2720.2	2703.3	2693.2	2703.3	2720.2	2737.0	2730.3	2659.5	2622.5	2629.1
35°	2608.9	2612.3	2608.9	2598.9	2608.9	2612.3	2608.9	2615.7	2571.9	2538.2	2534.8
37.5°	2518.0	2524.7	2521.3	2507.8	2521.3	2524.7	2518.0	2511.2	2450.6	2440.4	2447.2
40°	2423.6	2427.0	2423.6	2413.4	2423.6	2427.0	2423.6	2410.1	2325.9	2329.1	2352.8
42.5°	2332.5	2329.1	2319.1	2312.3	2319.1	2329.1	2332.5	2312.3	2204.4	2194.4	2238.2
45°	2228.1	2231.4	2211.2	2201.1	2211.2	2231.4	2228.1	2214.6	2103.4	2076.4	2106.7
47.5°	2123.6	2123.6	2106.7	2096.6	2106.7	2123.6	2123.6	2106.7	1988.7	1961.7	1978.7
50°	2012.3	2008.9	1985.3	1982.0	1985.3	2008.9	2012.3	2002.3	1877.5	1854.0	1854.0
52.5°	1884.2	1884.2	1887.6	1894.4	1887.6	1884.2	1884.2	1887.6	1776.4	1752.8	1746.1
55°	1773.0	1776.4	1800.0	1806.7	1800.0	1776.4	1773.0	1773.0	1671.9	1648.3	1634.8
57.5°	1658.4	1658.4	1675.3	1675.3	1675.3	1658.4	1658.4	1651.7	1554.0	1533.6	1527.0
60°	1527.0	1533.6	1547.2	1543.8	1547.2	1533.6	1527.0	1520.2	1435.9	1422.5	1398.9
62.5°	1388.7	1395.5	1398.9	1392.1	1398.9	1395.5	1388.7	1368.5	1318.0	1307.8	1277.5
65°	1243.8	1250.6	1254.0	1247.2	1254.0	1250.6	1243.8	1233.6	1196.6	1179.8	1152.8
67.5°	1095.5	1092.1	1088.7	1102.3	1088.7	1092.1	1095.5	1082.1	1058.4	1044.9	1007.9
70°	943.8	943.8	940.4	947.2	940.4	943.8	943.8	933.7	920.2	910.1	876.4
72.5°	782.1	778.7	792.1	782.1	792.1	778.7	782.1	778.7	771.9	761.7	728.1
75°	623.6	630.4	623.6	633.7	623.6	630.4	623.6	627.0	623.6	616.8	593.2
77.5°	475.3	482.1	475.3	475.3	475.3	482.1	475.3	478.7	478.7	478.7	458.5
80°	337.0	333.7	333.7	330.4	333.7	333.7	337.0	337.0	340.4	333.7	327.0
82.5°	215.7	212.3	212.3	219.1	212.3	212.3	215.7	219.1	212.3	212.3	212.3
85°	117.9	121.3	114.6	114.6	114.6	121.3	117.9	111.3	117.9	117.9	114.6
87.5°	43.8	40.4	40.4	40.4	40.4	40.4	43.8	47.2	47.2	47.2	50.6
90°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	52.2	69.6	78.4	67.4
92.5°	195.9	188.1	157.0	125.8	157.0	188.1	195.9	277.8	386.8	441.4	387.5
95°	665.2	641.6	547.2	452.8	547.2	641.6	665.2	873.6	1151.4	1290.2	1089.7
97.5°	1535.7	1490.8	1311.1	1131.5	1311.1	1490.8	1535.7	1667.4	1843.0	1930.7	1596.4
100°	2156.6	2103.2	1889.0	1675.0	1889.0	2103.2	2156.6	2147.0	2134.1	2127.8	1756.6
102.5°	2686.7	2640.9	2457.5	2274.2	2457.5	2640.9	2686.7	2519.0	2295.3	2183.4	1807.1
105°	3305.5	3280.9	3182.3	3083.8	3182.3	3280.9	3305.5	2929.4	2427.9	2177.3	1812.8
107.5°	3627.3	3633.3	3657.1	3680.9	3657.1	3633.3	3627.3	3102.7	2403.2	2053.5	1732.1
110°	3709.8	3735.5	3838.2	3940.9	3838.2	3735.5	3709.8	3123.4	2341.4	1950.4	1660.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3657.2	3696.7	3854.3	4012.0	3854.3	3696.7	3657.2	3056.9	2256.6	1856.4	1598.2
115°	3478.8	3533.5	3752.1	3970.8	3752.1	3533.5	3478.8	2900.6	2129.5	1744.1	1526.6
117.5°	3232.3	3293.0	3535.4	3777.9	3535.4	3293.0	3232.3	2710.4	2014.6	1666.7	1481.7
120°	3066.3	3125.1	3360.8	3596.4	3360.8	3125.1	3066.3	2589.4	1953.7	1635.7	1466.6
122.5°	2900.3	2958.3	3190.8	3423.2	3190.8	2958.3	2900.3	2470.9	1898.3	1612.0	1458.6
125°	2680.5	2734.0	2948.2	3162.2	2948.2	2734.0	2680.5	2315.8	1829.5	1586.2	1452.2
127.5°	2504.1	2549.3	2729.9	2910.5	2729.9	2549.3	2504.1	2191.0	1773.4	1564.6	1448.4
130°	2392.8	2434.5	2601.4	2768.2	2601.4	2434.5	2392.8	2114.0	1742.2	1556.3	1450.7
132.5°	2297.9	2335.2	2484.7	2634.1	2484.7	2335.2	2297.9	2048.3	1715.5	1549.1	1452.2
135°	2163.8	2196.0	2324.9	2453.6	2324.9	2196.0	2163.8	1954.7	1676.1	1536.7	1450.8
137.5°	2064.8	2091.2	2196.6	2302.1	2196.6	2091.2	2064.8	1888.1	1652.5	1534.6	1459.7
140°	1985.4	2010.0	2108.6	2207.1	2108.6	2010.0	1985.4	1832.7	1629.3	1527.5	1461.2
142.5°	1929.7	1950.9	2035.6	2120.5	2035.6	1950.9	1929.7	1795.6	1616.8	1527.5	1466.5
145°	1846.2	1862.2	1926.4	1990.5	1926.4	1862.2	1846.2	1736.5	1590.2	1517.1	1466.5
147.5°	1776.1	1789.3	1842.5	1895.7	1842.5	1789.3	1776.1	1689.7	1574.7	1517.1	1476.6
150°	1735.8	1746.6	1789.7	1832.7	1789.7	1746.6	1735.8	1662.9	1565.7	1517.1	1481.8
152.5°	1703.9	1712.0	1744.5	1777.1	1744.5	1712.0	1703.9	1641.6	1558.6	1517.1	1485.2
155°	1665.7	1671.1	1692.6	1714.1	1692.6	1671.1	1665.7	1616.2	1550.2	1517.1	1492.8
157.5°	1632.6	1636.4	1651.6	1666.7	1651.6	1636.4	1632.6	1594.1	1542.8	1517.1	1500.4
160°	1616.1	1618.3	1627.0	1635.7	1627.0	1618.3	1616.1	1583.1	1539.1	1517.1	1503.9
162.5°	1600.7	1602.8	1611.0	1619.3	1611.0	1602.8	1600.7	1572.8	1535.6	1517.1	1507.4
165°	1577.0	1579.2	1587.8	1596.6	1587.8	1579.2	1577.0	1557.0	1530.5	1517.1	1512.7
167.5°	1566.6	1567.5	1571.2	1574.9	1571.2	1567.5	1566.6	1553.6	1536.1	1527.5	1523.8
170°	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1566.6	1553.6	1536.1	1527.5	1527.3
172.5°	1558.4	1557.6	1554.4	1551.2	1554.4	1557.6	1558.4	1548.1	1534.3	1527.5	1527.5
175°	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1547.1	1540.5	1531.8	1527.5	1529.6
177.5°	1545.0	1544.1	1540.4	1536.7	1540.4	1544.1	1545.0	1539.8	1532.9	1529.6	1531.2
180°	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7	1536.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3519.1	3535.9	3546.1	3559.5	3593.2
5°	3384.2	3448.3	3468.5	3519.1	3579.7
7.5°	3087.6	3283.1	3337.0	3458.4	3552.7
10°	2801.1	2996.6	3091.0	3377.4	3519.1
12.5°	2656.1	2770.8	2834.8	3235.9	3471.9
15°	2565.1	2646.1	2693.2	3047.2	3418.0
17.5°	2494.4	2551.7	2585.3	2861.8	3343.8
20°	2450.6	2477.5	2507.8	2726.9	3259.5
22.5°	2420.2	2403.3	2427.0	2632.5	3144.9
25°	2400.0	2335.9	2362.9	2558.4	3010.1
27.5°	2416.8	2275.3	2285.3	2491.0	2868.5
30°	2420.2	2201.1	2204.4	2420.2	2710.1
32.5°	2396.6	2123.6	2127.0	2332.5	2531.4
35°	2339.3	2032.5	2029.2	2231.4	2288.7
37.5°	2261.7	1934.8	1934.8	2120.2	2022.5
40°	2167.4	1837.0	1847.2	1975.3	1786.5
42.5°	2052.8	1732.5	1746.1	1783.1	1611.2
45°	1928.1	1631.4	1641.5	1506.7	1476.4
47.5°	1789.9	1527.0	1530.4	1250.6	1432.5
50°	1624.7	1419.1	1405.6	1071.9	1429.2
52.5°	1479.8	1301.1	1260.6	970.8	1297.7
55°	1338.2	1176.4	1088.7	893.2	1203.4
57.5°	1213.4	1014.6	930.4	802.3	1183.1
60°	1098.9	856.2	792.1	704.5	1085.3
62.5°	1004.5	738.2	724.7	637.0	984.2
65°	903.4	657.3	653.9	579.8	835.9
67.5°	805.6	603.4	600.0	525.8	637.0
70°	701.1	546.1	539.3	468.5	471.9
72.5°	593.2	482.1	475.3	421.3	391.0
75°	485.4	407.9	404.5	367.4	316.8
77.5°	380.9	323.6	330.4	296.6	232.6
80°	273.0	236.0	242.7	212.3	175.3
82.5°	182.1	155.1	161.8	134.9	117.9
85°	101.1	87.6	91.0	70.8	53.9
87.5°	47.2	40.4	40.4	27.0	16.8
90°	45.4	28.9	26.8	18.6	10.4
92.5°	279.9	199.1	181.6	111.4	41.2
95°	688.6	387.8	355.8	227.4	99.0
97.5°	927.6	426.0	397.7	284.5	171.2
100°	1014.5	458.0	432.3	329.6	226.9
102.5°	1054.5	489.9	465.9	370.1	274.3
105°	1083.9	537.3	517.0	435.9	354.8
107.5°	1089.4	607.5	588.5	512.9	437.3
110°	1081.3	646.7	629.7	561.3	493.0



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CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1081.6	694.1	677.9	612.7	547.7
115°	1091.5	765.2	750.2	690.2	630.2
117.5°	1111.8	834.3	820.7	766.2	711.6
120°	1128.3	874.6	861.7	810.4	759.1
122.5°	1152.0	922.0	909.0	857.3	805.5
125°	1183.9	982.9	971.1	923.9	876.7
127.5°	1216.0	1041.7	1029.8	982.2	934.4
130°	1239.3	1080.9	1068.0	1016.7	965.3
132.5°	1258.2	1112.8	1100.0	1048.7	997.3
135°	1278.9	1150.0	1138.3	1091.5	1044.8
137.5°	1309.8	1197.4	1185.8	1139.5	1093.2
140°	1328.8	1229.4	1218.7	1176.1	1133.4
142.5°	1344.5	1253.1	1243.2	1203.9	1164.4
145°	1365.2	1289.2	1280.7	1246.2	1211.8
147.5°	1395.5	1334.6	1326.3	1292.8	1259.3
150°	1411.2	1358.3	1350.8	1320.5	1290.2
152.5°	1421.6	1373.8	1368.0	1345.1	1322.2
155°	1444.3	1407.8	1403.6	1386.6	1369.7
157.5°	1466.9	1441.8	1437.7	1421.2	1404.8
160°	1477.3	1457.3	1454.2	1441.3	1428.5
162.5°	1488.2	1473.8	1471.4	1461.7	1452.2
165°	1504.1	1497.6	1495.4	1486.7	1478.0
167.5°	1516.4	1510.9	1509.9	1505.8	1501.7
170°	1526.8	1526.5	1525.5	1521.3	1517.1
172.5°	1527.5	1527.5	1527.3	1526.3	1525.4
175°	1533.6	1536.7	1536.7	1536.7	1536.7
177.5°	1534.3	1536.7	1536.7	1536.7	1536.7
180°	1536.7	1536.7	1536.7	1536.7	1536.7



TEST NUMBER: P935792
 CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-8-2700K

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	14.38	15.22	15.35	16.21	17.51	17.22	18.06	18.19	19.05	20.34
	3H	14.85	15.61	15.84	16.61	17.93	18.56	19.32	19.55	20.32	21.63
	4H	15.04	15.76	16.04	16.76	18.09	19.01	19.72	20.00	20.72	22.05
	6H	15.16	15.82	16.17	16.83	18.17	19.29	19.95	20.30	20.96	22.30
	8H	15.16	15.79	16.18	16.81	18.15	19.37	20.00	20.38	21.02	22.35
	12H	15.13	15.73	16.15	16.75	18.11	19.41	20.00	20.43	21.02	22.38
4H	2H	15.41	16.13	16.41	17.13	18.45	17.62	18.34	18.63	19.34	20.67
	3H	16.44	17.03	17.45	18.06	19.40	19.13	19.73	20.14	20.75	22.10
	4H	16.71	17.26	17.73	18.28	19.64	19.66	20.20	20.68	21.22	22.59
	6H	16.84	17.31	17.87	18.35	19.71	20.02	20.49	21.06	21.54	22.90
	8H	16.84	17.28	17.87	18.32	19.69	20.13	20.57	21.16	21.61	22.98
	12H	16.81	17.20	17.86	18.26	19.64	20.19	20.59	21.24	21.64	23.02
8H	4H	17.17	17.60	18.20	18.64	20.02	19.78	20.22	20.81	21.26	22.63
	6H	17.43	17.79	18.48	18.87	20.24	20.22	20.58	21.28	21.66	23.03
	8H	17.47	17.79	18.53	18.85	20.24	20.37	20.69	21.44	21.75	23.15
	12H	17.45	17.73	18.52	18.79	20.23	20.47	20.75	21.54	21.81	23.24
12H	4H	17.17	17.57	18.22	18.62	20.00	19.74	20.14	20.80	21.19	22.57
	6H	17.49	17.81	18.55	18.87	20.26	20.22	20.54	21.28	21.60	22.99
	8H	17.55	17.83	18.62	18.89	20.33	20.38	20.66	21.45	21.72	23.15