

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: P935621

Luminaire Tested: SQ4-FA-125U-100D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935621
REPORT IS A COMBINATION OF REPORTS P933761 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-927-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

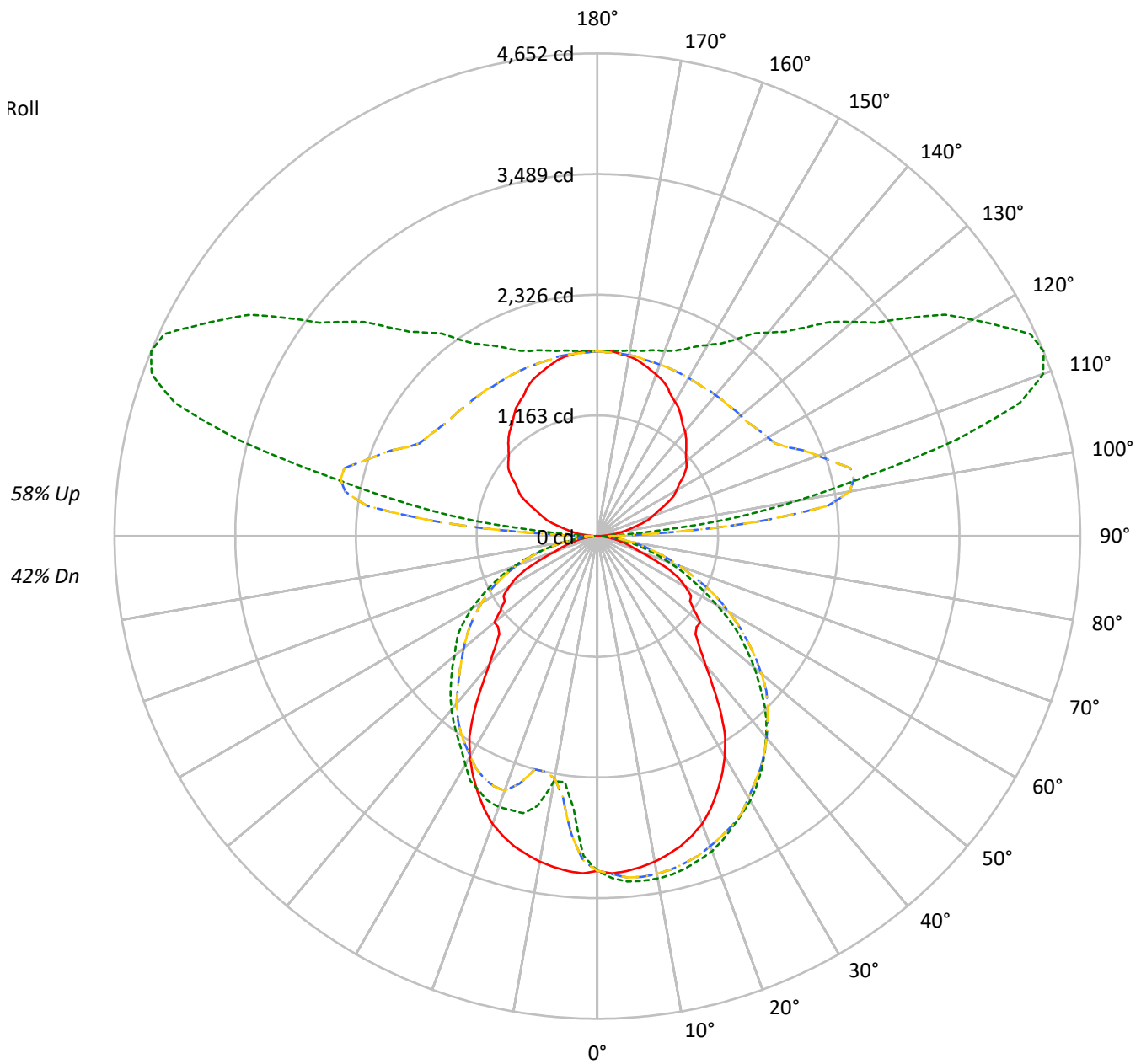
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19923.8 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 193.2
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				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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9978	9978	9978	9978
5°	10057	10073	10057	7920
10°	9993	9922	9993	7094
15°	9888	9707	9888	8105
20°	9685	9453	9685	8123
25°	9266	9081	9266	7950
30°	8722	8773	8722	7573
35°	7780	8383	7780	7157
40°	6486	7923	6486	6844
45°	5799	7386	5799	6483
50°	6166	6745	6166	6120
55°	5807	6054	5807	5911
60°	5993	5142	5993	5414
65°	5442	4250	5442	4752
70°	3778	3387	3778	3983
75°	3325	2504	3325	2999
80°	2699	1656	2699	1803
85°	1581	876	1581	745

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8882 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.2	1.5
10°-20°	826.8	4.1
20°-30°	1278.1	6.4
30°-40°	1525.8	7.7
40°-50°	1534.7	7.7
50°-60°	1335.4	6.7
60°-70°	946.8	4.8
70°-80°	500.9	2.5
80°-90°	131.5	0.7
90°-100°	868.7	4.4
100°-110°	2283.8	11.5
110°-120°	2368.0	11.9
120°-130°	1899.5	9.5
130°-140°	1490.4	7.5
140°-150°	1143.9	5.7
150°-160°	823.8	4.1
160°-170°	504.1	2.5
170°-180°	170.3	0.9
0°-30°	2396.1	12.0
0°-40°	3921.9	19.7
0°-60°	6792.0	34.1
0°-90°	8371.3	42.0
90°-120°	5520.5	27.7
90°-150°	10054.3	50.5
90°-180°	11552.0	58.0
0°-180°	19923.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3226	3226	3226	3226	3226	
5°	3241	3342	3241	2628	3241	307
15°	3095	3312	3095	2765	3095	871
25°	2726	3089	2726	2704	2726	1251
35°	2072	2756	2072	2353	2072	1282
45°	1337	2271	1337	1993	1337	1071
55°	1090	1676	1090	1636	1090	1001
65°	757	1010	757	1129	757	723
75°	287	479	287	574	287	302
85°	49	122	49	104	49	66
90°	12	45	12	45	12	12
95°	115	525	115	525	115	127
105°	411	3576	411	3576	411	436
115°	731	4605	731	4605	731	722
125°	1017	3667	1017	3667	1017	903
135°	1212	2845	1212	2845	1212	937
145°	1405	2308	1405	2308	1405	880
155°	1588	1988	1588	1988	1588	730
165°	1714	1852	1714	1852	1714	484
175°	1782	1794	1782	1794	1782	169
180°	1782	1782	1782	1782	1782	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3253.5	3253.5	3271.8	3277.9	3277.9	3268.7	3259.6	3268.7	3296.2	3305.4	3302.3
5°	3241.3	3265.7	3299.3	3305.4	3311.5	3308.5	3302.3	3308.5	3339.0	3345.0	3348.1
7.5°	3216.8	3262.6	3305.4	3314.5	3323.7	3314.5	3311.5	3317.6	3348.1	3354.2	3354.2
10°	3186.3	3250.5	3299.3	3305.4	3314.5	3305.4	3305.4	3317.6	3348.1	3354.2	3357.3
12.5°	3143.6	3232.2	3277.9	3284.0	3296.2	3293.1	3290.1	3302.3	3332.9	3339.0	3339.0
15°	3094.8	3198.6	3241.3	3247.4	3268.7	3262.6	3262.6	3274.9	3308.5	3317.6	3314.5
17.5°	3027.6	3155.8	3204.7	3213.8	3229.1	3226.0	3229.1	3241.3	3271.8	3277.9	3281.0
20°	2951.3	3097.9	3155.8	3165.0	3180.3	3180.3	3180.3	3195.5	3226.0	3238.2	3238.2
22.5°	2847.5	3036.8	3097.9	3103.9	3122.3	3122.3	3128.4	3149.7	3177.2	3180.3	3180.3
25°	2725.5	2969.7	3021.6	3039.9	3058.1	3067.3	3076.5	3088.7	3097.9	3094.8	3097.9
27.5°	2597.3	2884.2	2951.3	2963.6	2988.0	2997.1	3009.3	3012.4	3015.4	3024.6	3018.5
30°	2453.8	2765.1	2865.9	2878.1	2917.8	2923.8	2911.7	2917.8	2933.0	2939.2	2945.2
32.5°	2292.1	2588.1	2777.4	2804.8	2841.5	2823.1	2820.1	2829.3	2853.7	2853.7	2859.8
35°	2072.4	2450.8	2695.0	2719.4	2746.8	2725.5	2737.7	2740.7	2756.0	2765.1	2762.1
37.5°	1831.2	2331.8	2609.5	2627.9	2649.2	2621.7	2640.0	2649.2	2661.4	2655.3	2655.3
40°	1617.6	2145.6	2508.8	2521.0	2539.3	2518.0	2536.2	2542.4	2548.5	2542.4	2539.3
42.5°	1458.9	1941.1	2401.9	2417.3	2405.0	2420.3	2426.3	2438.6	2429.4	2417.3	2417.3
45°	1336.8	1886.2	2286.0	2304.3	2286.0	2310.4	2319.5	2319.5	2292.1	2286.0	2283.0
47.5°	1297.1	1776.3	2170.0	2170.0	2160.9	2191.3	2206.7	2185.3	2157.8	2148.7	2148.7
50°	1294.1	1654.2	2011.3	1999.1	2041.8	2078.5	2063.2	2041.8	2020.5	1986.9	1986.9
52.5°	1175.0	1504.7	1806.8	1852.6	1919.8	1941.1	1916.7	1895.4	1858.7	1843.5	1831.2
55°	1089.6	1349.0	1620.6	1712.2	1782.4	1809.9	1764.1	1742.7	1687.8	1678.6	1672.5
57.5°	1071.3	1123.1	1449.8	1565.7	1651.2	1648.1	1620.6	1581.0	1535.1	1526.1	1523.0
60°	982.8	811.8	1266.6	1403.9	1492.5	1483.3	1458.9	1422.3	1379.5	1373.4	1367.3
62.5°	891.2	589.1	1059.1	1214.8	1339.9	1336.8	1315.5	1260.5	1230.0	1214.8	1202.5
65°	756.9	494.4	753.8	1010.2	1190.3	1196.4	1150.6	1111.0	1077.4	1059.1	1056.0
67.5°	576.8	402.9	509.7	842.4	1046.9	1040.7	982.8	964.4	921.7	912.5	894.3
70°	427.3	268.6	354.0	683.7	906.4	891.2	845.4	824.1	784.4	763.0	750.8
72.5°	354.0	216.7	259.4	531.1	763.0	744.7	705.0	680.6	647.0	628.7	616.5
75°	286.9	228.9	198.4	393.7	619.5	607.4	570.7	546.3	518.8	494.4	497.5
77.5°	210.6	213.7	158.7	290.0	491.4	473.1	451.7	421.2	408.9	384.5	384.5
80°	158.7	167.9	119.0	198.4	354.0	354.0	335.7	314.4	293.0	280.8	280.8
82.5°	106.8	106.8	88.5	125.1	241.1	231.9	219.8	213.7	201.4	195.3	195.3
85°	48.8	61.1	54.9	76.3	131.2	137.4	137.4	131.2	128.2	122.0	125.1
87.5°	15.2	27.5	33.6	42.7	67.1	70.2	73.2	73.2	73.2	76.3	76.3
90°	11.9	21.5	31.1	33.5	52.6	78.1	90.9	80.8	60.6	45.4	45.4
92.5°	47.8	129.1	210.5	230.8	324.6	449.4	511.9	448.6	322.1	227.2	218.2
95°	114.8	263.6	412.5	449.7	798.5	1263.6	1496.2	1335.1	1013.0	771.5	744.1
97.5°	198.5	329.8	461.2	494.0	1075.6	1851.2	2238.9	2137.1	1933.5	1780.9	1728.7
100°	263.1	382.2	501.3	531.1	1176.5	2037.1	2467.4	2474.9	2489.7	2500.9	2438.8
102.5°	318.2	429.3	540.3	568.1	1222.8	2095.6	2532.0	2661.7	2921.1	3115.7	3062.5
105°	411.4	505.5	599.6	623.2	1257.0	2102.2	2524.8	2815.5	3397.1	3833.2	3804.6
107.5°	507.1	594.8	682.5	704.5	1263.4	2008.7	2381.3	2786.9	3598.0	4206.4	4213.3
110°	571.7	650.9	730.1	749.9	1253.8	1925.7	2261.6	2715.1	3621.9	4302.1	4331.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	635.1	710.6	786.0	804.9	1254.2	1853.3	2152.8	2616.9	3545.0	4241.1	4286.8
115°	730.7	800.3	870.0	887.4	1265.8	1770.2	2022.5	2469.5	3363.6	4034.2	4097.6
117.5°	825.3	888.5	951.8	967.6	1289.3	1718.3	1932.8	2336.3	3143.1	3748.3	3818.6
120°	880.3	939.8	999.4	1014.2	1308.5	1700.8	1896.9	2265.6	3002.8	3555.8	3624.1
122.5°	934.1	994.1	1054.2	1069.2	1336.0	1691.6	1869.4	2201.4	2865.2	3363.2	3430.6
125°	1016.6	1071.4	1126.1	1139.8	1373.1	1684.0	1839.5	2121.4	2685.5	3108.4	3170.5
127.5°	1083.6	1138.9	1194.2	1208.0	1410.1	1679.6	1814.4	2056.4	2540.7	2903.9	2956.3
130°	1119.5	1179.0	1238.5	1253.4	1437.2	1682.3	1804.8	2020.3	2451.4	2774.8	2823.1
132.5°	1156.5	1216.1	1275.7	1290.5	1459.2	1684.0	1796.4	1989.4	2375.3	2664.7	2708.1
135°	1211.6	1265.8	1320.0	1333.6	1483.1	1682.4	1782.1	1943.7	2266.9	2509.3	2546.6
137.5°	1267.8	1321.5	1375.1	1388.5	1518.9	1692.8	1779.7	1916.3	2189.5	2394.4	2425.0
140°	1314.4	1363.8	1413.3	1425.7	1540.8	1694.5	1771.3	1889.3	2125.3	2302.3	2330.9
142.5°	1350.3	1396.0	1441.7	1453.1	1559.2	1700.6	1771.3	1875.0	2082.3	2237.8	2262.3
145°	1405.3	1445.2	1485.1	1495.0	1583.1	1700.6	1759.4	1844.2	2013.7	2140.8	2159.5
147.5°	1460.3	1499.1	1537.9	1547.6	1618.2	1712.3	1759.4	1826.1	1959.5	2059.5	2074.9
150°	1496.2	1531.3	1566.4	1575.2	1636.6	1718.4	1759.4	1815.7	1928.4	2012.9	2025.3
152.5°	1533.3	1559.9	1586.5	1593.1	1648.6	1722.4	1759.4	1807.5	1903.7	1975.8	1985.3
155°	1588.3	1608.0	1627.6	1632.6	1674.8	1731.2	1759.4	1797.6	1874.2	1931.5	1937.8
157.5°	1629.0	1648.1	1667.3	1672.1	1701.2	1740.0	1759.4	1789.1	1848.6	1893.3	1897.7
160°	1656.5	1671.4	1686.3	1690.0	1713.1	1744.0	1759.4	1784.9	1835.9	1874.2	1876.7
162.5°	1684.0	1695.2	1706.3	1709.1	1725.9	1748.2	1759.4	1780.9	1824.0	1856.2	1858.6
165°	1713.9	1724.0	1734.0	1736.6	1744.2	1754.3	1759.4	1774.8	1805.6	1828.7	1831.2
167.5°	1741.4	1746.2	1751.0	1752.1	1758.5	1767.1	1771.3	1781.4	1801.6	1816.7	1817.8
170°	1759.4	1764.1	1768.9	1770.1	1770.5	1771.0	1771.3	1781.4	1801.6	1816.7	1816.7
172.5°	1768.9	1770.0	1771.1	1771.3	1771.3	1771.3	1771.3	1779.3	1795.3	1807.2	1806.3
175°	1782.1	1782.1	1782.1	1782.1	1778.5	1773.7	1771.3	1776.4	1786.5	1794.0	1794.0
177.5°	1782.1	1782.1	1782.1	1782.1	1779.3	1775.5	1773.7	1777.7	1785.6	1791.6	1790.6
180°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3308.5	3299.3	3308.5	3302.3	3305.4	3296.2	3268.7	3259.6	3268.7	3277.9	3277.9
5°	3348.1	3342.0	3348.1	3348.1	3345.0	3339.0	3308.5	3302.3	3308.5	3311.5	3305.4
7.5°	3360.3	3351.2	3360.3	3354.2	3354.2	3348.1	3317.6	3311.5	3314.5	3323.7	3314.5
10°	3360.3	3351.2	3360.3	3357.3	3354.2	3348.1	3317.6	3305.4	3305.4	3314.5	3305.4
12.5°	3345.0	3339.0	3345.0	3339.0	3339.0	3332.9	3302.3	3290.1	3293.1	3296.2	3284.0
15°	3320.6	3311.5	3320.6	3314.5	3317.6	3308.5	3274.9	3262.6	3262.6	3268.7	3247.4
17.5°	3284.0	3271.8	3284.0	3281.0	3277.9	3271.8	3241.3	3229.1	3226.0	3229.1	3213.8
20°	3241.3	3232.2	3241.3	3238.2	3238.2	3226.0	3195.5	3180.3	3180.3	3180.3	3165.0
22.5°	3174.2	3165.0	3174.2	3180.3	3180.3	3177.2	3149.7	3128.4	3122.3	3122.3	3103.9
25°	3097.9	3088.7	3097.9	3097.9	3094.8	3097.9	3088.7	3076.5	3067.3	3058.1	3039.9
27.5°	3024.6	3018.5	3024.6	3018.5	3024.6	3015.4	3012.4	3009.3	2997.1	2988.0	2963.6
30°	2951.3	2945.2	2951.3	2945.2	2939.2	2933.0	2917.8	2911.7	2923.8	2917.8	2878.1
32.5°	2859.8	2853.7	2859.8	2859.8	2853.7	2853.7	2829.3	2820.1	2823.1	2841.5	2804.8
35°	2765.1	2756.0	2765.1	2762.1	2765.1	2756.0	2740.7	2737.7	2725.5	2746.8	2719.4
37.5°	2655.3	2646.1	2655.3	2655.3	2655.3	2661.4	2649.2	2640.0	2621.7	2649.2	2627.9
40°	2542.4	2530.1	2542.4	2539.3	2542.4	2548.5	2542.4	2536.2	2518.0	2539.3	2521.0
42.5°	2414.2	2411.1	2414.2	2417.3	2417.3	2429.4	2438.6	2426.3	2420.3	2405.0	2417.3
45°	2276.8	2270.7	2276.8	2283.0	2286.0	2292.1	2319.5	2319.5	2310.4	2286.0	2304.3
47.5°	2130.4	2115.1	2130.4	2148.7	2148.7	2157.8	2185.3	2206.7	2191.3	2160.9	2170.0
50°	1974.7	1977.7	1974.7	1986.9	1986.9	2020.5	2041.8	2063.2	2078.5	2041.8	1999.1
52.5°	1822.1	1819.0	1822.1	1831.2	1843.5	1858.7	1895.4	1916.7	1941.1	1919.8	1852.6
55°	1669.4	1675.6	1669.4	1672.5	1678.6	1687.8	1742.7	1764.1	1809.9	1782.4	1712.2
57.5°	1516.9	1507.7	1516.9	1523.0	1526.1	1535.1	1581.0	1620.6	1648.1	1651.2	1565.7
60°	1339.9	1327.6	1339.9	1367.3	1373.4	1379.5	1422.3	1458.9	1483.3	1492.5	1403.9
62.5°	1184.2	1162.9	1184.2	1202.5	1214.8	1230.0	1260.5	1315.5	1336.8	1339.9	1214.8
65°	1019.4	1010.2	1019.4	1056.0	1059.1	1077.4	1111.0	1150.6	1196.4	1190.3	1010.2
67.5°	869.9	869.9	869.9	894.3	912.5	921.7	964.4	982.8	1040.7	1046.9	842.4
70°	732.5	729.4	732.5	750.8	763.0	784.4	824.1	845.4	891.2	906.4	683.7
72.5°	601.3	598.2	601.3	616.5	628.7	647.0	680.6	705.0	744.7	763.0	531.1
75°	485.3	479.2	485.3	497.5	494.4	518.8	546.3	570.7	607.4	619.5	393.7
77.5°	372.4	372.4	372.4	384.5	384.5	408.9	421.2	451.7	473.1	491.4	290.0
80°	277.7	274.7	277.7	280.8	280.8	293.0	314.4	335.7	354.0	354.0	198.4
82.5°	195.3	189.2	195.3	195.3	195.3	201.4	213.7	219.8	231.9	241.1	125.1
85°	122.0	122.0	122.0	125.1	122.0	128.2	131.2	137.4	137.4	131.2	76.3
87.5°	79.4	76.3	79.4	76.3	76.3	73.2	73.2	73.2	70.2	67.1	42.7
90°	45.4	45.4	45.4	45.4	45.4	60.6	80.8	90.9	78.1	52.6	33.5
92.5°	182.0	145.9	182.0	218.2	227.2	322.1	448.6	511.9	449.4	324.6	230.8
95°	634.6	525.1	634.6	744.1	771.5	1013.0	1335.1	1496.2	1263.6	798.5	449.7
97.5°	1520.4	1312.0	1520.4	1728.7	1780.9	1933.5	2137.1	2238.9	1851.2	1075.6	494.0
100°	2190.6	1942.3	2190.6	2438.8	2500.9	2489.7	2474.9	2467.4	2037.1	1176.5	531.1
102.5°	2849.8	2637.2	2849.8	3062.5	3115.7	2921.1	2661.7	2532.0	2095.6	1222.8	568.1
105°	3690.4	3576.1	3690.4	3804.6	3833.2	3397.1	2815.5	2524.8	2102.2	1257.0	623.2
107.5°	4240.9	4268.6	4240.9	4213.3	4206.4	3598.0	2786.9	2381.3	2008.7	1263.4	704.5
110°	4450.9	4570.0	4450.9	4331.9	4302.1	3621.9	2715.1	2261.6	1925.7	1253.8	749.9



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CATALOG NUMBER: SQ4-FA-125U-100D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4469.6	4652.5	4469.6	4286.8	4241.1	3545.0	2616.9	2152.8	1853.3	1254.2	804.9
115°	4351.1	4604.7	4351.1	4097.6	4034.2	3363.6	2469.5	2022.5	1770.2	1265.8	887.4
117.5°	4099.8	4381.0	4099.8	3818.6	3748.3	3143.1	2336.3	1932.8	1718.3	1289.3	967.6
120°	3897.3	4170.5	3897.3	3624.1	3555.8	3002.8	2265.6	1896.9	1700.8	1308.5	1014.2
122.5°	3700.1	3969.6	3700.1	3430.6	3363.2	2865.2	2201.4	1869.4	1691.6	1336.0	1069.2
125°	3418.7	3667.0	3418.7	3170.5	3108.4	2685.5	2121.4	1839.5	1684.0	1373.1	1139.8
127.5°	3165.7	3375.1	3165.7	2956.3	2903.9	2540.7	2056.4	1814.4	1679.6	1410.1	1208.0
130°	3016.6	3210.1	3016.6	2823.1	2774.8	2451.4	2020.3	1804.8	1682.3	1437.2	1253.4
132.5°	2881.3	3054.6	2881.3	2708.1	2664.7	2375.3	1989.4	1796.4	1684.0	1459.2	1290.5
135°	2695.9	2845.3	2695.9	2546.6	2509.3	2266.9	1943.7	1782.1	1682.4	1483.1	1333.6
137.5°	2547.2	2669.5	2547.2	2425.0	2394.4	2189.5	1916.3	1779.7	1692.8	1518.9	1388.5
140°	2445.2	2559.5	2445.2	2330.9	2302.3	2125.3	1889.3	1771.3	1694.5	1540.8	1425.7
142.5°	2360.7	2459.0	2360.7	2262.3	2237.8	2082.3	1875.0	1771.3	1700.6	1559.2	1453.1
145°	2233.8	2308.3	2233.8	2159.5	2140.8	2013.7	1844.2	1759.4	1700.6	1583.1	1495.0
147.5°	2136.6	2198.3	2136.6	2074.9	2059.5	1959.5	1826.1	1759.4	1712.3	1618.2	1547.6
150°	2075.4	2125.4	2075.4	2025.3	2012.9	1928.4	1815.7	1759.4	1718.4	1636.6	1575.2
152.5°	2023.0	2060.8	2023.0	1985.3	1975.8	1903.7	1807.5	1759.4	1722.4	1648.6	1593.1
155°	1962.8	1987.8	1962.8	1937.8	1931.5	1874.2	1797.6	1759.4	1731.2	1674.8	1632.6
157.5°	1915.2	1932.8	1915.2	1897.7	1893.3	1848.6	1789.1	1759.4	1740.0	1701.2	1672.1
160°	1886.8	1896.9	1886.8	1876.7	1874.2	1835.9	1784.9	1759.4	1744.0	1713.1	1690.0
162.5°	1868.2	1877.7	1868.2	1858.6	1856.2	1824.0	1780.9	1759.4	1748.2	1725.9	1709.1
165°	1841.3	1851.5	1841.3	1831.2	1828.7	1805.6	1774.8	1759.4	1754.3	1744.2	1736.6
167.5°	1822.1	1826.3	1822.1	1817.8	1816.7	1801.6	1781.4	1771.3	1767.1	1758.5	1752.1
170°	1816.7	1816.7	1816.7	1816.7	1816.7	1801.6	1781.4	1771.3	1771.0	1770.5	1770.1
172.5°	1802.5	1798.8	1802.5	1806.3	1807.2	1795.3	1779.3	1771.3	1771.3	1771.3	1771.3
175°	1794.0	1794.0	1794.0	1794.0	1794.0	1786.5	1776.4	1771.3	1773.7	1778.5	1782.1
177.5°	1786.3	1782.1	1786.3	1790.6	1791.6	1785.6	1777.7	1773.7	1775.5	1779.3	1782.1
180°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3271.8	3253.5	3253.5	3223.0	3210.7	3201.6	3186.3	3140.6	3128.4	3116.1	3134.4
5°	3299.3	3265.7	3241.3	3186.3	3140.6	3122.3	3064.3	2954.4	2881.1	2826.2	2795.7
7.5°	3305.4	3262.6	3216.8	3131.4	3021.6	2972.7	2795.7	2594.3	2539.3	2490.5	2459.9
10°	3299.3	3250.5	3186.3	3058.1	2798.7	2713.2	2536.2	2405.0	2371.4	2362.3	2371.4
12.5°	3277.9	3232.2	3143.6	2930.0	2566.8	2508.8	2405.0	2328.7	2322.6	2337.9	2420.3
15°	3241.3	3198.6	3094.8	2759.1	2438.6	2395.9	2322.6	2295.1	2328.7	2435.5	2682.8
17.5°	3204.7	3155.8	3027.6	2591.2	2341.0	2310.4	2258.5	2313.5	2502.7	2646.1	2728.6
20°	3155.8	3097.9	2951.3	2469.1	2270.7	2243.2	2218.8	2466.1	2609.5	2661.4	2707.2
22.5°	3097.9	3036.8	2847.5	2383.7	2197.5	2176.1	2191.3	2551.5	2609.5	2646.1	2685.8
25°	3021.6	2969.7	2725.5	2316.5	2139.5	2115.1	2173.1	2542.4	2576.0	2585.1	2664.4
27.5°	2951.3	2884.2	2597.3	2255.5	2069.3	2060.1	2188.3	2502.7	2527.1	2536.2	2621.7
30°	2865.9	2765.1	2453.8	2191.3	1996.1	1993.0	2191.3	2453.8	2447.8	2472.2	2557.6
32.5°	2777.4	2588.1	2292.1	2112.0	1925.8	1922.8	2170.0	2380.6	2374.5	2408.1	2472.2
35°	2695.0	2450.8	2072.4	2020.5	1837.4	1840.4	2118.1	2295.1	2298.2	2328.7	2368.4
37.5°	2609.5	2331.8	1831.2	1919.8	1751.9	1751.9	2047.9	2215.8	2209.7	2218.8	2273.8
40°	2508.8	2145.6	1617.6	1788.5	1672.5	1663.4	1962.5	2130.4	2109.0	2106.0	2182.3
42.5°	2401.9	1941.1	1458.9	1614.5	1581.0	1568.7	1858.7	2026.6	1986.9	1996.1	2093.7
45°	2286.0	1886.2	1336.8	1364.3	1486.3	1477.2	1745.7	1907.5	1880.0	1904.5	2005.2
47.5°	2170.0	1776.3	1297.1	1132.3	1385.6	1382.6	1620.6	1791.6	1776.3	1800.7	1907.5
50°	2011.3	1654.2	1294.1	970.6	1272.7	1284.9	1471.1	1678.6	1678.6	1700.0	1812.9
52.5°	1806.8	1504.7	1175.0	879.0	1141.4	1178.1	1339.9	1581.0	1587.0	1608.5	1709.2
55°	1620.6	1349.0	1089.6	808.8	985.8	1065.1	1211.7	1480.2	1492.5	1513.8	1605.4
57.5°	1449.8	1123.1	1071.3	726.4	842.4	918.7	1098.7	1382.6	1388.7	1407.0	1495.5
60°	1266.6	811.8	982.8	637.9	717.3	775.2	995.0	1266.6	1288.0	1300.1	1376.5
62.5°	1059.1	589.1	891.2	576.8	656.2	668.4	909.5	1156.7	1184.2	1193.3	1239.2
65°	753.8	494.4	756.9	525.0	592.1	595.1	818.0	1043.8	1068.2	1083.5	1117.0
67.5°	509.7	402.9	576.8	476.1	543.2	546.3	729.4	912.5	946.1	958.3	979.7
70°	354.0	268.6	427.3	424.3	488.3	494.4	634.9	793.6	824.1	833.2	845.4
72.5°	259.4	216.7	354.0	381.5	430.4	436.4	537.2	659.3	689.8	698.9	705.0
75°	198.4	228.9	286.9	332.6	366.2	369.3	439.5	537.2	558.6	564.6	567.6
77.5°	158.7	213.7	210.6	268.6	299.1	293.0	344.9	415.1	433.4	433.4	433.4
80°	119.0	167.9	158.7	192.3	219.8	213.7	247.2	296.1	302.1	308.2	305.2
82.5°	88.5	106.8	106.8	122.0	146.5	140.4	164.8	192.3	192.3	192.3	198.4
85°	54.9	61.1	48.8	64.1	82.4	79.4	91.6	103.8	106.8	106.8	100.7
87.5°	33.6	27.5	15.2	24.4	36.7	36.7	42.7	45.8	42.7	42.7	42.7
90°	31.1	21.5	11.9	21.5	31.1	33.5	52.6	78.1	90.9	80.8	60.6
92.5°	210.5	129.1	47.8	129.1	210.5	230.8	324.6	449.4	511.9	448.6	322.1
95°	412.5	263.6	114.8	263.6	412.5	449.7	798.5	1263.6	1496.2	1335.1	1013.0
97.5°	461.2	329.8	198.5	329.8	461.2	494.0	1075.6	1851.2	2238.9	2137.1	1933.5
100°	501.3	382.2	263.1	382.2	501.3	531.1	1176.5	2037.1	2467.4	2474.9	2489.7
102.5°	540.3	429.3	318.2	429.3	540.3	568.1	1222.8	2095.6	2532.0	2661.7	2921.1
105°	599.6	505.5	411.4	505.5	599.6	623.2	1257.0	2102.2	2524.8	2815.5	3397.1
107.5°	682.5	594.8	507.1	594.8	682.5	704.5	1263.4	2008.7	2381.3	2786.9	3598.0
110°	730.1	650.9	571.7	650.9	730.1	749.9	1253.8	1925.7	2261.6	2715.1	3621.9



TEST NUMBER: P935621

CATALOG NUMBER: SQ4-FA-125U-100D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	786.0	710.6	635.1	710.6	786.0	804.9	1254.2	1853.3	2152.8	2616.9	3545.0
115°	870.0	800.3	730.7	800.3	870.0	887.4	1265.8	1770.2	2022.5	2469.5	3363.6
117.5°	951.8	888.5	825.3	888.5	951.8	967.6	1289.3	1718.3	1932.8	2336.3	3143.1
120°	999.4	939.8	880.3	939.8	999.4	1014.2	1308.5	1700.8	1896.9	2265.6	3002.8
122.5°	1054.2	994.1	934.1	994.1	1054.2	1069.2	1336.0	1691.6	1869.4	2201.4	2865.2
125°	1126.1	1071.4	1016.6	1071.4	1126.1	1139.8	1373.1	1684.0	1839.5	2121.4	2685.5
127.5°	1194.2	1138.9	1083.6	1138.9	1194.2	1208.0	1410.1	1679.6	1814.4	2056.4	2540.7
130°	1238.5	1179.0	1119.5	1179.0	1238.5	1253.4	1437.2	1682.3	1804.8	2020.3	2451.4
132.5°	1275.7	1216.1	1156.5	1216.1	1275.7	1290.5	1459.2	1684.0	1796.4	1989.4	2375.3
135°	1320.0	1265.8	1211.6	1265.8	1320.0	1333.6	1483.1	1682.4	1782.1	1943.7	2266.9
137.5°	1375.1	1321.5	1267.8	1321.5	1375.1	1388.5	1518.9	1692.8	1779.7	1916.3	2189.5
140°	1413.3	1363.8	1314.4	1363.8	1413.3	1425.7	1540.8	1694.5	1771.3	1889.3	2125.3
142.5°	1441.7	1396.0	1350.3	1396.0	1441.7	1453.1	1559.2	1700.6	1771.3	1875.0	2082.3
145°	1485.1	1445.2	1405.3	1445.2	1485.1	1495.0	1583.1	1700.6	1759.4	1844.2	2013.7
147.5°	1537.9	1499.1	1460.3	1499.1	1537.9	1547.6	1618.2	1712.3	1759.4	1826.1	1959.5
150°	1566.4	1531.3	1496.2	1531.3	1566.4	1575.2	1636.6	1718.4	1759.4	1815.7	1928.4
152.5°	1586.5	1559.9	1533.3	1559.9	1586.5	1593.1	1648.6	1722.4	1759.4	1807.5	1903.7
155°	1627.6	1608.0	1588.3	1608.0	1627.6	1632.6	1674.8	1731.2	1759.4	1797.6	1874.2
157.5°	1667.3	1648.1	1629.0	1648.1	1667.3	1672.1	1701.2	1740.0	1759.4	1789.1	1848.6
160°	1686.3	1671.4	1656.5	1671.4	1686.3	1690.0	1713.1	1744.0	1759.4	1784.9	1835.9
162.5°	1706.3	1695.2	1684.0	1695.2	1706.3	1709.1	1725.9	1748.2	1759.4	1780.9	1824.0
165°	1734.0	1724.0	1713.9	1724.0	1734.0	1736.6	1744.2	1754.3	1759.4	1774.8	1805.6
167.5°	1751.0	1746.2	1741.4	1746.2	1751.0	1752.1	1758.5	1767.1	1771.3	1781.4	1801.6
170°	1768.9	1764.1	1759.4	1764.1	1768.9	1770.1	1770.5	1771.0	1771.3	1781.4	1801.6
172.5°	1771.1	1770.0	1768.9	1770.0	1771.1	1771.3	1771.3	1771.3	1771.3	1779.3	1795.3
175°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1778.5	1773.7	1771.3	1776.4	1786.5
177.5°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1779.3	1775.5	1773.7	1777.7	1785.6
180°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1



TEST NUMBER: P935621

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3113.1	3103.9	3116.1	3082.5	3116.1	3103.9	3113.1	3134.4	3116.1	3128.4	3140.6
5°	2731.6	2716.3	2667.5	2627.9	2667.5	2716.3	2731.6	2795.7	2826.2	2881.1	2954.4
7.5°	2441.7	2429.4	2417.3	2392.8	2417.3	2429.4	2441.7	2459.9	2490.5	2539.3	2594.3
10°	2377.5	2380.6	2398.9	2395.9	2398.9	2380.6	2377.5	2371.4	2362.3	2371.4	2405.0
12.5°	2542.4	2569.8	2670.5	2664.4	2670.5	2569.8	2542.4	2420.3	2337.9	2322.6	2328.7
15°	2731.6	2740.7	2762.1	2765.1	2762.1	2740.7	2731.6	2682.8	2435.5	2328.7	2295.1
17.5°	2749.9	2753.0	2768.2	2768.2	2768.2	2753.0	2749.9	2728.6	2646.1	2502.7	2313.5
20°	2734.7	2740.7	2771.2	2777.4	2771.2	2740.7	2734.7	2707.2	2661.4	2609.5	2466.1
22.5°	2728.6	2740.7	2765.1	2762.1	2765.1	2740.7	2728.6	2685.8	2646.1	2609.5	2551.5
25°	2698.0	2698.0	2701.1	2704.1	2701.1	2698.0	2698.0	2664.4	2585.1	2576.0	2542.4
27.5°	2633.9	2640.0	2658.3	2655.3	2658.3	2640.0	2633.9	2621.7	2536.2	2527.1	2502.7
30°	2576.0	2569.8	2554.6	2542.4	2554.6	2569.8	2576.0	2557.6	2472.2	2447.8	2453.8
32.5°	2478.2	2463.0	2447.8	2438.6	2447.8	2463.0	2478.2	2472.2	2408.1	2374.5	2380.6
35°	2362.3	2365.4	2362.3	2353.1	2362.3	2365.4	2362.3	2368.4	2328.7	2298.2	2295.1
37.5°	2279.9	2286.0	2283.0	2270.7	2283.0	2286.0	2279.9	2273.8	2218.8	2209.7	2215.8
40°	2194.4	2197.5	2194.4	2185.3	2194.4	2197.5	2194.4	2182.3	2106.0	2109.0	2130.4
42.5°	2112.0	2109.0	2099.8	2093.7	2099.8	2109.0	2112.0	2093.7	1996.1	1986.9	2026.6
45°	2017.4	2020.5	2002.2	1993.0	2002.2	2020.5	2017.4	2005.2	1904.5	1880.0	1907.5
47.5°	1922.8	1922.8	1907.5	1898.4	1907.5	1922.8	1922.8	1907.5	1800.7	1776.3	1791.6
50°	1822.1	1819.0	1797.6	1794.6	1797.6	1819.0	1822.1	1812.9	1700.0	1678.6	1678.6
52.5°	1706.1	1706.1	1709.2	1715.3	1709.2	1706.1	1706.1	1709.2	1608.5	1587.0	1581.0
55°	1605.4	1608.5	1629.8	1635.9	1629.8	1608.5	1605.4	1605.4	1513.8	1492.5	1480.2
57.5°	1501.6	1501.6	1516.9	1516.9	1516.9	1501.6	1501.6	1495.5	1407.0	1388.7	1382.6
60°	1382.6	1388.7	1400.9	1397.9	1400.9	1388.7	1382.6	1376.5	1300.1	1288.0	1266.6
62.5°	1257.4	1263.6	1266.6	1260.5	1266.6	1263.6	1257.4	1239.2	1193.3	1184.2	1156.7
65°	1126.2	1132.3	1135.4	1129.3	1135.4	1132.3	1126.2	1117.0	1083.5	1068.2	1043.8
67.5°	991.9	988.8	985.8	998.0	985.8	988.8	991.9	979.7	958.3	946.1	912.5
70°	854.5	854.5	851.5	857.6	851.5	854.5	854.5	845.4	833.2	824.1	793.6
72.5°	708.1	705.0	717.3	708.1	717.3	705.0	708.1	705.0	698.9	689.8	659.3
75°	564.6	570.7	564.6	573.8	564.6	570.7	564.6	567.6	564.6	558.6	537.2
77.5°	430.4	436.4	430.4	430.4	430.4	436.4	430.4	433.4	433.4	433.4	415.1
80°	305.2	302.1	302.1	299.1	302.1	302.1	305.2	305.2	308.2	302.1	296.1
82.5°	195.3	192.3	192.3	198.4	192.3	192.3	195.3	198.4	192.3	192.3	192.3
85°	106.8	109.9	103.8	103.8	103.8	109.9	106.8	100.7	106.8	106.8	103.8
87.5°	39.7	36.7	36.7	36.7	36.7	36.7	39.7	42.7	42.7	42.7	45.8
90°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	60.6	80.8	90.9	78.1
92.5°	227.2	218.2	182.0	145.9	182.0	218.2	227.2	322.1	448.6	511.9	449.4
95°	771.5	744.1	634.6	525.1	634.6	744.1	771.5	1013.0	1335.1	1496.2	1263.6
97.5°	1780.9	1728.7	1520.4	1312.0	1520.4	1728.7	1780.9	1933.5	2137.1	2238.9	1851.2
100°	2500.9	2438.8	2190.6	1942.3	2190.6	2438.8	2500.9	2489.7	2474.9	2467.4	2037.1
102.5°	3115.7	3062.5	2849.8	2637.2	2849.8	3062.5	3115.7	2921.1	2661.7	2532.0	2095.6
105°	3833.2	3804.6	3690.4	3576.1	3690.4	3804.6	3833.2	3397.1	2815.5	2524.8	2102.2
107.5°	4206.4	4213.3	4240.9	4268.6	4240.9	4213.3	4206.4	3598.0	2786.9	2381.3	2008.7
110°	4302.1	4331.9	4450.9	4570.0	4450.9	4331.9	4302.1	3621.9	2715.1	2261.6	1925.7



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4241.1	4286.8	4469.6	4652.5	4469.6	4286.8	4241.1	3545.0	2616.9	2152.8	1853.3
115°	4034.2	4097.6	4351.1	4604.7	4351.1	4097.6	4034.2	3363.6	2469.5	2022.5	1770.2
117.5°	3748.3	3818.6	4099.8	4381.0	4099.8	3818.6	3748.3	3143.1	2336.3	1932.8	1718.3
120°	3555.8	3624.1	3897.3	4170.5	3897.3	3624.1	3555.8	3002.8	2265.6	1896.9	1700.8
122.5°	3363.2	3430.6	3700.1	3969.6	3700.1	3430.6	3363.2	2865.2	2201.4	1869.4	1691.6
125°	3108.4	3170.5	3418.7	3667.0	3418.7	3170.5	3108.4	2685.5	2121.4	1839.5	1684.0
127.5°	2903.9	2956.3	3165.7	3375.1	3165.7	2956.3	2903.9	2540.7	2056.4	1814.4	1679.6
130°	2774.8	2823.1	3016.6	3210.1	3016.6	2823.1	2774.8	2451.4	2020.3	1804.8	1682.3
132.5°	2664.7	2708.1	2881.3	3054.6	2881.3	2708.1	2664.7	2375.3	1989.4	1796.4	1684.0
135°	2509.3	2546.6	2695.9	2845.3	2695.9	2546.6	2509.3	2266.9	1943.7	1782.1	1682.4
137.5°	2394.4	2425.0	2547.2	2669.5	2547.2	2425.0	2394.4	2189.5	1916.3	1779.7	1692.8
140°	2302.3	2330.9	2445.2	2559.5	2445.2	2330.9	2302.3	2125.3	1889.3	1771.3	1694.5
142.5°	2237.8	2262.3	2360.7	2459.0	2360.7	2262.3	2237.8	2082.3	1875.0	1771.3	1700.6
145°	2140.8	2159.5	2233.8	2308.3	2233.8	2159.5	2140.8	2013.7	1844.2	1759.4	1700.6
147.5°	2059.5	2074.9	2136.6	2198.3	2136.6	2074.9	2059.5	1959.5	1826.1	1759.4	1712.3
150°	2012.9	2025.3	2075.4	2125.4	2075.4	2025.3	2012.9	1928.4	1815.7	1759.4	1718.4
152.5°	1975.8	1985.3	2023.0	2060.8	2023.0	1985.3	1975.8	1903.7	1807.5	1759.4	1722.4
155°	1931.5	1937.8	1962.8	1987.8	1962.8	1937.8	1931.5	1874.2	1797.6	1759.4	1731.2
157.5°	1893.3	1897.7	1915.2	1932.8	1915.2	1897.7	1893.3	1848.6	1789.1	1759.4	1740.0
160°	1874.2	1876.7	1886.8	1896.9	1886.8	1876.7	1874.2	1835.9	1784.9	1759.4	1744.0
162.5°	1856.2	1858.6	1868.2	1877.7	1868.2	1858.6	1856.2	1824.0	1780.9	1759.4	1748.2
165°	1828.7	1831.2	1841.3	1851.5	1841.3	1831.2	1828.7	1805.6	1774.8	1759.4	1754.3
167.5°	1816.7	1817.8	1822.1	1826.3	1822.1	1817.8	1816.7	1801.6	1781.4	1771.3	1767.1
170°	1816.7	1816.7	1816.7	1816.7	1816.7	1816.7	1816.7	1801.6	1781.4	1771.3	1771.0
172.5°	1807.2	1806.3	1802.5	1798.8	1802.5	1806.3	1807.2	1795.3	1779.3	1771.3	1771.3
175°	1794.0	1794.0	1794.0	1794.0	1794.0	1794.0	1794.0	1786.5	1776.4	1771.3	1773.7
177.5°	1791.6	1790.6	1786.3	1782.1	1786.3	1790.6	1791.6	1785.6	1777.7	1773.7	1775.5
180°	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1	1782.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3226.0	3226.0	3226.0	3226.0	3226.0
2.5°	3186.3	3201.6	3210.7	3223.0	3253.5
5°	3064.3	3122.3	3140.6	3186.3	3241.3
7.5°	2795.7	2972.7	3021.6	3131.4	3216.8
10°	2536.2	2713.2	2798.7	3058.1	3186.3
12.5°	2405.0	2508.8	2566.8	2930.0	3143.6
15°	2322.6	2395.9	2438.6	2759.1	3094.8
17.5°	2258.5	2310.4	2341.0	2591.2	3027.6
20°	2218.8	2243.2	2270.7	2469.1	2951.3
22.5°	2191.3	2176.1	2197.5	2383.7	2847.5
25°	2173.1	2115.1	2139.5	2316.5	2725.5
27.5°	2188.3	2060.1	2069.3	2255.5	2597.3
30°	2191.3	1993.0	1996.1	2191.3	2453.8
32.5°	2170.0	1922.8	1925.8	2112.0	2292.1
35°	2118.1	1840.4	1837.4	2020.5	2072.4
37.5°	2047.9	1751.9	1751.9	1919.8	1831.2
40°	1962.5	1663.4	1672.5	1788.5	1617.6
42.5°	1858.7	1568.7	1581.0	1614.5	1458.9
45°	1745.7	1477.2	1486.3	1364.3	1336.8
47.5°	1620.6	1382.6	1385.6	1132.3	1297.1
50°	1471.1	1284.9	1272.7	970.6	1294.1
52.5°	1339.9	1178.1	1141.4	879.0	1175.0
55°	1211.7	1065.1	985.8	808.8	1089.6
57.5°	1098.7	918.7	842.4	726.4	1071.3
60°	995.0	775.2	717.3	637.9	982.8
62.5°	909.5	668.4	656.2	576.8	891.2
65°	818.0	595.1	592.1	525.0	756.9
67.5°	729.4	546.3	543.2	476.1	576.8
70°	634.9	494.4	488.3	424.3	427.3
72.5°	537.2	436.4	430.4	381.5	354.0
75°	439.5	369.3	366.2	332.6	286.9
77.5°	344.9	293.0	299.1	268.6	210.6
80°	247.2	213.7	219.8	192.3	158.7
82.5°	164.8	140.4	146.5	122.0	106.8
85°	91.6	79.4	82.4	64.1	48.8
87.5°	42.7	36.7	36.7	24.4	15.2
90°	52.6	33.5	31.1	21.5	11.9
92.5°	324.6	230.8	210.5	129.1	47.8
95°	798.5	449.7	412.5	263.6	114.8
97.5°	1075.6	494.0	461.2	329.8	198.5
100°	1176.5	531.1	501.3	382.2	263.1
102.5°	1222.8	568.1	540.3	429.3	318.2
105°	1257.0	623.2	599.6	505.5	411.4
107.5°	1263.4	704.5	682.5	594.8	507.1
110°	1253.8	749.9	730.1	650.9	571.7



TEST NUMBER: P935621

CATALOG NUMBER: SQ4-FA-125U-100D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1254.2	804.9	786.0	710.6	635.1
115°	1265.8	887.4	870.0	800.3	730.7
117.5°	1289.3	967.6	951.8	888.5	825.3
120°	1308.5	1014.2	999.4	939.8	880.3
122.5°	1336.0	1069.2	1054.2	994.1	934.1
125°	1373.1	1139.8	1126.1	1071.4	1016.6
127.5°	1410.1	1208.0	1194.2	1138.9	1083.6
130°	1437.2	1253.4	1238.5	1179.0	1119.5
132.5°	1459.2	1290.5	1275.7	1216.1	1156.5
135°	1483.1	1333.6	1320.0	1265.8	1211.6
137.5°	1518.9	1388.5	1375.1	1321.5	1267.8
140°	1540.8	1425.7	1413.3	1363.8	1314.4
142.5°	1559.2	1453.1	1441.7	1396.0	1350.3
145°	1583.1	1495.0	1485.1	1445.2	1405.3
147.5°	1618.2	1547.6	1537.9	1499.1	1460.3
150°	1636.6	1575.2	1566.4	1531.3	1496.2
152.5°	1648.6	1593.1	1586.5	1559.9	1533.3
155°	1674.8	1632.6	1627.6	1608.0	1588.3
157.5°	1701.2	1672.1	1667.3	1648.1	1629.0
160°	1713.1	1690.0	1686.3	1671.4	1656.5
162.5°	1725.9	1709.1	1706.3	1695.2	1684.0
165°	1744.2	1736.6	1734.0	1724.0	1713.9
167.5°	1758.5	1752.1	1751.0	1746.2	1741.4
170°	1770.5	1770.1	1768.9	1764.1	1759.4
172.5°	1771.3	1771.3	1771.1	1770.0	1768.9
175°	1778.5	1782.1	1782.1	1782.1	1782.1
177.5°	1779.3	1782.1	1782.1	1782.1	1782.1
180°	1782.1	1782.1	1782.1	1782.1	1782.1



TEST NUMBER: P935621
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.02	12.81	13.04	13.84	15.22	14.87	15.66	15.89	16.69	18.08
	3H	12.49	13.20	13.52	14.24	15.64	16.22	16.93	17.25	17.97	19.37
	4H	12.68	13.35	13.72	14.39	15.80	16.66	17.34	17.71	18.38	19.79
	6H	12.79	13.41	13.85	14.46	15.88	16.95	17.57	18.00	18.62	20.04
	8H	12.79	13.38	13.85	14.45	15.86	17.02	17.62	18.08	18.68	20.09
	12H	12.76	13.32	13.83	14.38	15.82	17.06	17.63	18.13	18.68	20.12
4H	2H	13.05	13.72	14.10	14.76	16.17	15.27	15.94	16.32	16.99	18.39
	3H	14.07	14.63	15.13	15.70	17.12	16.78	17.34	17.84	18.41	19.83
	4H	14.34	14.86	15.41	15.92	17.36	17.31	17.82	18.37	18.88	20.32
	6H	14.46	14.90	15.54	15.99	17.43	17.67	18.11	18.75	19.20	20.64
	8H	14.47	14.88	15.54	15.96	17.41	17.78	18.19	18.86	19.27	20.72
	12H	14.43	14.80	15.52	15.89	17.35	17.84	18.21	18.93	19.30	20.76
8H	4H	14.79	15.21	15.87	16.28	17.74	17.42	17.84	18.50	18.91	20.37
	6H	15.05	15.39	16.15	16.51	17.96	17.86	18.20	18.96	19.32	20.77
	8H	15.09	15.39	16.20	16.49	17.96	18.02	18.32	19.12	19.42	20.89
	12H	15.08	15.34	16.18	16.44	17.94	18.12	18.38	19.23	19.48	20.99
12H	4H	14.80	15.17	15.89	16.26	17.72	17.38	17.76	18.48	18.85	20.31
	6H	15.11	15.41	16.22	16.51	17.98	17.86	18.16	18.96	19.26	20.73
	8H	15.18	15.44	16.29	16.54	18.05	18.02	18.28	19.13	19.38	20.89