

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: P935721

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935721
REPORT IS A COMBINATION OF REPORTS P933765 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-927-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

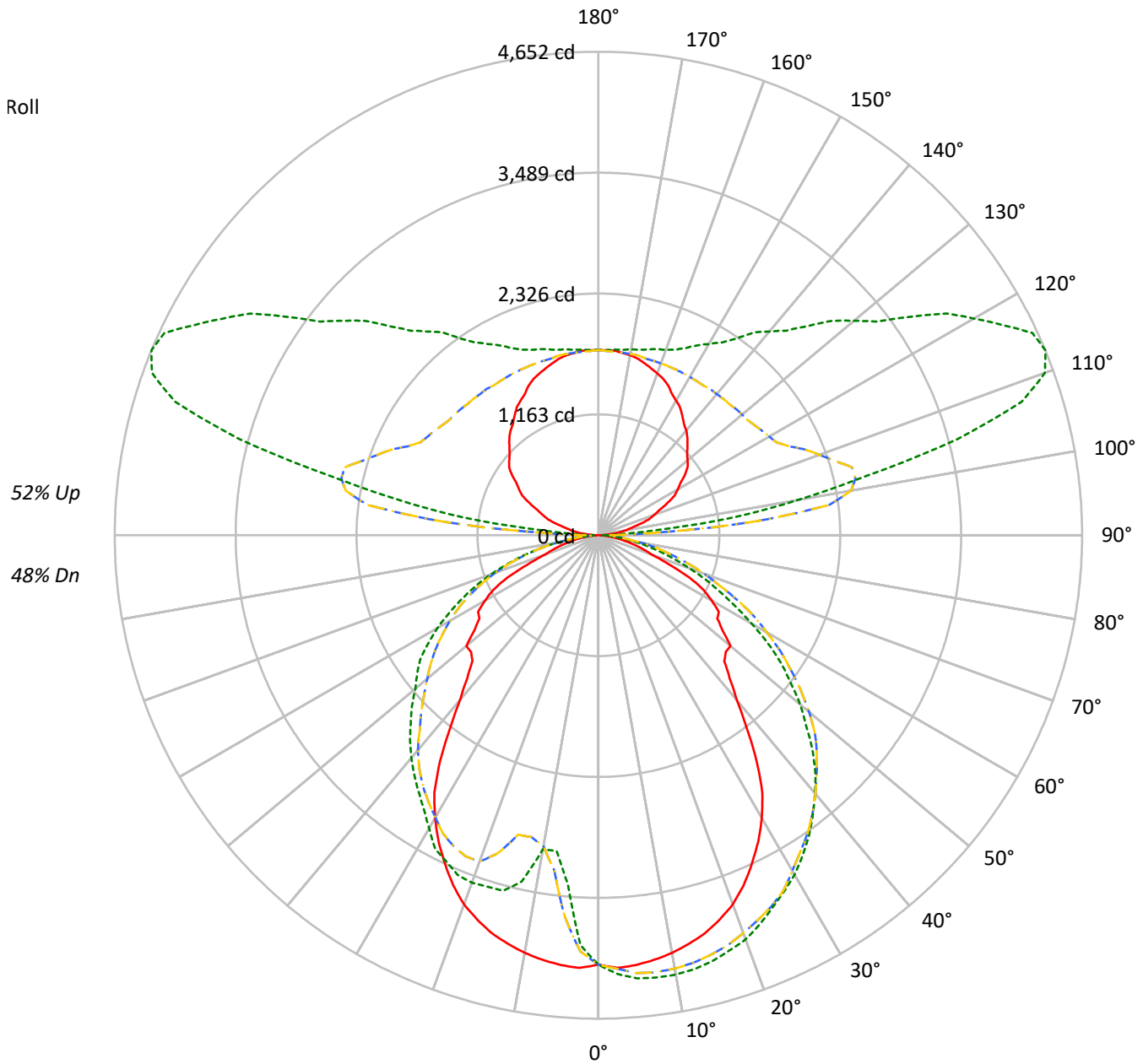
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22272.2 lumens
Efficiency: N/A
Efficacy: 98.7 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): 225.6
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-125U-125D-927-1D-UNV-STD-W-12

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12780	12780	12780	12780
5°	12880	12901	12880	10144
10°	12799	12708	12799	9085
15°	12664	12432	12664	10381
20°	12405	12106	12405	10403
25°	11867	11631	11867	10183
30°	11171	11236	11171	9699
35°	9964	10736	9964	9167
40°	8307	10148	8307	8765
45°	7427	9460	7427	8303
50°	7897	8639	7897	7839
55°	7437	7754	7437	7570
60°	7676	6586	7676	6934
65°	6970	5444	6970	6085
70°	4838	4338	4838	5101
75°	4258	3207	4258	3840
80°	3458	2120	3458	2309
85°	2025	1123	2025	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11376 cd/sqm



TEST NUMBER: P935721

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.0	1.7
10°-20°	1059.0	4.8
20°-30°	1637.0	7.3
30°-40°	1954.2	8.8
40°-50°	1965.6	8.8
50°-60°	1710.3	7.7
60°-70°	1212.6	5.4
70°-80°	641.6	2.9
80°-90°	166.6	0.7
90°-100°	868.7	3.9
100°-110°	2283.8	10.3
110°-120°	2368.0	10.6
120°-130°	1899.5	8.5
130°-140°	1490.4	6.7
140°-150°	1143.9	5.1
150°-160°	823.8	3.7
160°-170°	504.1	2.3
170°-180°	170.3	0.8
0°-30°	3068.9	13.8
0°-40°	5023.0	22.6
0°-60°	8699.0	39.1
0°-90°	10719.8	48.1
90°-120°	5520.5	24.8
90°-150°	10054.3	45.1
90°-180°	11552.0	51.9
0°-180°	22272.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4132	4132	4132	4132	4132	
5°	4151	4280	4151	3366	4151	394
15°	3964	4241	3964	3542	3964	1115
25°	3491	3956	3491	3463	3491	1603
35°	2654	3530	2654	3014	2654	1642
45°	1712	2908	1712	2553	1712	1372
55°	1396	2146	1396	2095	1396	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
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	



TEST NUMBER: P935721

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

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4167.0	4167.0	4190.4	4198.3	4198.3	4186.5	4174.8	4186.5	4221.7	4233.5	4229.5
5°	4151.3	4182.6	4225.6	4233.5	4241.2	4237.3	4229.5	4237.3	4276.4	4284.3	4288.1
7.5°	4120.0	4178.7	4233.5	4245.2	4256.9	4245.2	4241.2	4249.1	4288.1	4296.0	4296.0
10°	4081.0	4163.1	4225.6	4233.5	4245.2	4233.5	4233.5	4249.1	4288.1	4296.0	4299.9
12.5°	4026.3	4139.6	4198.3	4206.0	4221.7	4217.8	4213.9	4229.5	4268.6	4276.4	4276.4
15°	3963.7	4096.6	4151.3	4159.2	4186.5	4178.7	4178.7	4194.3	4237.3	4249.1	4245.2
17.5°	3877.7	4041.9	4104.4	4116.2	4135.7	4131.8	4135.7	4151.3	4190.4	4198.3	4202.1
20°	3780.0	3967.6	4041.9	4053.6	4073.1	4073.1	4073.1	4092.7	4131.8	4147.5	4147.5
22.5°	3647.1	3889.4	3967.6	3975.4	3998.9	3998.9	4006.7	4034.0	4069.2	4073.1	4073.1
25°	3490.7	3803.4	3869.9	3893.4	3916.8	3928.5	3940.2	3955.9	3967.6	3963.7	3967.6
27.5°	3326.6	3694.0	3780.0	3795.6	3826.9	3838.6	3854.2	3858.2	3862.1	3873.8	3866.0
30°	3142.8	3541.5	3670.5	3686.1	3737.0	3744.8	3729.2	3737.0	3756.5	3764.4	3772.2
32.5°	2935.6	3314.8	3557.2	3592.4	3639.3	3615.8	3611.9	3623.6	3654.9	3654.9	3662.7
35°	2654.2	3138.9	3451.6	3482.9	3518.1	3490.7	3506.3	3510.3	3529.8	3541.5	3537.6
37.5°	2345.4	2986.4	3342.2	3365.7	3393.0	3357.8	3381.3	3393.0	3408.6	3400.8	3400.8
40°	2071.8	2748.0	3213.2	3228.8	3252.2	3224.9	3248.4	3256.2	3264.0	3256.2	3252.2
42.5°	1868.5	2486.1	3076.4	3095.9	3080.3	3099.8	3107.6	3123.3	3111.6	3095.9	3095.9
45°	1712.1	2415.7	2927.8	2951.3	2927.8	2959.1	2970.8	2970.8	2935.6	2927.8	2923.9
47.5°	1661.4	2275.0	2779.3	2779.3	2767.5	2806.6	2826.2	2798.8	2763.7	2751.9	2751.9
50°	1657.4	2118.7	2576.0	2560.4	2615.1	2662.0	2642.5	2615.1	2587.7	2544.8	2544.8
52.5°	1505.0	1927.2	2314.1	2372.8	2458.8	2486.1	2454.8	2427.5	2380.5	2361.1	2345.4
55°	1395.5	1727.8	2075.7	2193.0	2282.8	2318.0	2259.4	2232.0	2161.7	2149.9	2142.1
57.5°	1372.1	1438.5	1856.8	2005.3	2114.7	2110.9	2075.7	2024.9	1966.2	1954.5	1950.6
60°	1258.7	1039.8	1622.2	1798.1	1911.5	1899.7	1868.5	1821.6	1766.8	1759.1	1751.2
62.5°	1141.4	754.4	1356.4	1555.8	1716.0	1712.1	1684.8	1614.4	1575.3	1555.8	1540.2
65°	969.4	633.2	965.5	1293.9	1524.5	1532.3	1473.7	1422.9	1379.8	1356.4	1352.5
67.5°	738.8	516.0	652.8	1078.8	1340.8	1332.9	1258.7	1235.2	1180.5	1168.8	1145.3
70°	547.2	344.0	453.5	875.6	1160.9	1141.4	1082.8	1055.4	1004.6	977.2	961.6
72.5°	453.5	277.5	332.3	680.1	977.2	953.8	903.0	871.7	828.7	805.3	789.6
75°	367.4	293.1	254.1	504.3	793.5	777.9	731.0	699.7	664.5	633.2	637.2
77.5°	269.7	273.7	203.3	371.4	629.3	605.9	578.5	539.5	523.8	492.6	492.6
80°	203.3	215.0	152.5	254.1	453.5	453.5	430.0	402.6	375.3	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.8	297.1	281.4	273.7	258.0	250.2	250.2
85°	62.5	78.2	70.4	97.7	168.1	175.9	175.9	168.1	164.2	156.4	160.2
87.5°	19.6	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
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



TEST NUMBER: P935721

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

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



TEST NUMBER: P935721

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

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4237.3	4225.6	4237.3	4229.5	4233.5	4221.7	4186.5	4174.8	4186.5	4198.3	4198.3
5°	4288.1	4280.4	4288.1	4288.1	4284.3	4276.4	4237.3	4229.5	4237.3	4241.2	4233.5
7.5°	4303.8	4292.1	4303.8	4296.0	4296.0	4288.1	4249.1	4241.2	4245.2	4256.9	4245.2
10°	4303.8	4292.1	4303.8	4299.9	4296.0	4288.1	4249.1	4233.5	4233.5	4245.2	4233.5
12.5°	4284.3	4276.4	4284.3	4276.4	4276.4	4268.6	4229.5	4213.9	4217.8	4221.7	4206.0
15°	4252.9	4241.2	4252.9	4245.2	4249.1	4237.3	4194.3	4178.7	4178.7	4186.5	4159.2
17.5°	4206.0	4190.4	4206.0	4202.1	4198.3	4190.4	4151.3	4135.7	4131.8	4135.7	4116.2
20°	4151.3	4139.6	4151.3	4147.5	4147.5	4131.8	4092.7	4073.1	4073.1	4073.1	4053.6
22.5°	4065.4	4053.6	4065.4	4073.1	4073.1	4069.2	4034.0	4006.7	3998.9	3998.9	3975.4
25°	3967.6	3955.9	3967.6	3967.6	3963.7	3967.6	3955.9	3940.2	3928.5	3916.8	3893.4
27.5°	3873.8	3866.0	3873.8	3866.0	3873.8	3862.1	3858.2	3854.2	3838.6	3826.9	3795.6
30°	3780.0	3772.2	3780.0	3772.2	3764.4	3756.5	3737.0	3729.2	3744.8	3737.0	3686.1
32.5°	3662.7	3654.9	3662.7	3662.7	3654.9	3654.9	3623.6	3611.9	3615.8	3639.3	3592.4
35°	3541.5	3529.8	3541.5	3537.6	3541.5	3529.8	3510.3	3506.3	3490.7	3518.1	3482.9
37.5°	3400.8	3389.1	3400.8	3400.8	3400.8	3408.6	3393.0	3381.3	3357.8	3393.0	3365.7
40°	3256.2	3240.5	3256.2	3252.2	3256.2	3264.0	3256.2	3248.4	3224.9	3252.2	3228.8
42.5°	3092.0	3088.1	3092.0	3095.9	3095.9	3111.6	3123.3	3107.6	3099.8	3080.3	3095.9
45°	2916.1	2908.3	2916.1	2923.9	2927.8	2935.6	2970.8	2970.8	2959.1	2927.8	2951.3
47.5°	2728.5	2708.9	2728.5	2751.9	2751.9	2763.7	2798.8	2826.2	2806.6	2767.5	2779.3
50°	2529.1	2533.0	2529.1	2544.8	2544.8	2587.7	2615.1	2642.5	2662.0	2615.1	2560.4
52.5°	2333.6	2329.8	2333.6	2345.4	2361.1	2380.5	2427.5	2454.8	2486.1	2458.8	2372.8
55°	2138.2	2146.1	2138.2	2142.1	2149.9	2161.7	2232.0	2259.4	2318.0	2282.8	2193.0
57.5°	1942.8	1931.0	1942.8	1950.6	1954.5	1966.2	2024.9	2075.7	2110.9	2114.7	2005.3
60°	1716.0	1700.4	1716.0	1751.2	1759.1	1766.8	1821.6	1868.5	1899.7	1911.5	1798.1
62.5°	1516.7	1489.3	1516.7	1540.2	1555.8	1575.3	1614.4	1684.8	1712.1	1716.0	1555.8
65°	1305.6	1293.9	1305.6	1352.5	1356.4	1379.8	1422.9	1473.7	1532.3	1524.5	1293.9
67.5°	1114.0	1114.0	1114.0	1145.3	1168.8	1180.5	1235.2	1258.7	1332.9	1340.8	1078.8
70°	938.2	934.2	938.2	961.6	977.2	1004.6	1055.4	1082.8	1141.4	1160.9	875.6
72.5°	770.1	766.2	770.1	789.6	805.3	828.7	871.7	903.0	953.8	977.2	680.1
75°	621.5	613.7	621.5	637.2	633.2	664.5	699.7	731.0	777.9	793.5	504.3
77.5°	476.9	476.9	476.9	492.6	492.6	523.8	539.5	578.5	605.9	629.3	371.4
80°	355.7	351.8	355.7	359.6	359.6	375.3	402.6	430.0	453.5	453.5	254.1
82.5°	250.2	242.3	250.2	250.2	250.2	258.0	273.7	281.4	297.1	308.8	160.2
85°	156.4	156.4	156.4	160.2	156.4	164.2	168.1	175.9	175.9	168.1	97.7
87.5°	101.6	97.7	101.6	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
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



TEST NUMBER: P935721

CATALOG NUMBER: SQ4-FA-125U-125D-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



TEST NUMBER: P935721

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

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4190.4	4167.0	4167.0	4127.9	4112.3	4100.6	4081.0	4022.3	4006.7	3991.1	4014.5
5°	4225.6	4182.6	4151.3	4081.0	4022.3	3998.9	3924.6	3783.9	3690.1	3619.7	3580.7
7.5°	4233.5	4178.7	4120.0	4010.6	3869.9	3807.3	3580.7	3322.6	3252.2	3189.7	3150.6
10°	4225.6	4163.1	4081.0	3916.8	3584.5	3475.1	3248.4	3080.3	3037.3	3025.6	3037.3
12.5°	4198.3	4139.6	4026.3	3752.6	3287.4	3213.2	3080.3	2982.5	2974.7	2994.3	3099.8
15°	4151.3	4096.6	3963.7	3533.7	3123.3	3068.5	2974.7	2939.6	2982.5	3119.3	3436.0
17.5°	4104.4	4041.9	3877.7	3318.7	2998.2	2959.1	2892.7	2963.0	3205.4	3389.1	3494.6
20°	4041.9	3967.6	3780.0	3162.4	2908.3	2873.1	2841.8	3158.5	3342.2	3408.6	3467.2
22.5°	3967.6	3889.4	3647.1	3052.9	2814.5	2787.1	2806.6	3267.9	3342.2	3389.1	3439.9
25°	3869.9	3803.4	3490.7	2966.9	2740.2	2708.9	2783.2	3256.2	3299.1	3310.9	3412.6
27.5°	3780.0	3694.0	3326.6	2888.7	2650.3	2638.6	2802.7	3205.4	3236.6	3248.4	3357.8
30°	3670.5	3541.5	3142.8	2806.6	2556.5	2552.6	2806.6	3142.8	3135.0	3166.2	3275.7
32.5°	3557.2	3314.8	2935.6	2705.0	2466.5	2462.7	2779.3	3049.0	3041.2	3084.2	3166.2
35°	3451.6	3138.9	2654.2	2587.7	2353.2	2357.1	2712.9	2939.6	2943.5	2982.5	3033.3
37.5°	3342.2	2986.4	2345.4	2458.8	2243.8	2243.8	2622.9	2837.9	2830.1	2841.8	2912.2
40°	3213.2	2748.0	2071.8	2290.7	2142.1	2130.4	2513.5	2728.5	2701.1	2697.2	2794.9
42.5°	3076.4	2486.1	1868.5	2067.8	2024.9	2009.2	2380.5	2595.6	2544.8	2556.5	2681.5
45°	2927.8	2415.7	1712.1	1747.3	1903.7	1892.0	2235.9	2443.1	2407.9	2439.2	2568.2
47.5°	2779.3	2275.0	1661.4	1450.2	1774.7	1770.8	2075.7	2294.6	2275.0	2306.3	2443.1
50°	2576.0	2118.7	1657.4	1243.1	1630.0	1645.6	1884.1	2149.9	2149.9	2177.3	2321.9
52.5°	2314.1	1927.2	1505.0	1125.8	1461.9	1508.9	1716.0	2024.9	2032.6	2060.1	2189.0
55°	2075.7	1727.8	1395.5	1035.9	1262.6	1364.2	1551.9	1895.8	1911.5	1938.9	2056.1
57.5°	1856.8	1438.5	1372.1	930.3	1078.8	1176.6	1407.3	1770.8	1778.6	1802.0	1915.4
60°	1622.2	1039.8	1258.7	817.0	918.6	992.9	1274.4	1622.2	1649.6	1665.2	1762.9
62.5°	1356.4	754.4	1141.4	738.8	840.5	856.1	1164.9	1481.5	1516.7	1528.4	1587.0
65°	965.5	633.2	969.4	672.4	758.4	762.2	1047.6	1336.9	1368.1	1387.7	1430.7
67.5°	652.8	516.0	738.8	609.8	695.8	699.7	934.2	1168.8	1211.7	1227.5	1254.8
70°	453.5	344.0	547.2	543.3	625.5	633.2	813.0	1016.3	1055.4	1067.1	1082.8
72.5°	332.3	277.5	453.5	488.6	551.2	559.0	688.0	844.3	883.4	895.1	903.0
75°	254.1	293.1	367.4	426.0	469.1	473.0	562.9	688.0	715.3	723.2	727.0
77.5°	203.3	273.7	269.7	344.0	383.1	375.3	441.7	531.6	555.1	555.1	555.1
80°	152.5	215.0	203.3	246.2	281.4	273.7	316.6	379.1	387.0	394.8	390.9
82.5°	113.3	136.8	136.8	156.4	187.6	179.8	211.1	246.2	246.2	246.2	254.1
85°	70.4	78.2	62.5	82.1	105.6	101.6	117.3	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.6	31.3	46.9	46.9	54.7	58.6	54.7	54.7	54.7
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: P935721

CATALOG NUMBER: SQ4-FA-125U-125D-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: P935721

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	3987.1	3975.4	3991.1	3948.1	3991.1	3975.4	3987.1	4014.5	3991.1	4006.7	4022.3
5°	3498.6	3479.0	3416.4	3365.7	3416.4	3479.0	3498.6	3580.7	3619.7	3690.1	3783.9
7.5°	3127.2	3111.6	3095.9	3064.7	3095.9	3111.6	3127.2	3150.6	3189.7	3252.2	3322.6
10°	3045.1	3049.0	3072.5	3068.5	3072.5	3049.0	3045.1	3037.3	3025.6	3037.3	3080.3
12.5°	3256.2	3291.4	3420.3	3412.6	3420.3	3291.4	3256.2	3099.8	2994.3	2974.7	2982.5
15°	3498.6	3510.3	3537.6	3541.5	3537.6	3510.3	3498.6	3436.0	3119.3	2982.5	2939.6
17.5°	3522.0	3525.9	3545.5	3545.5	3545.5	3525.9	3522.0	3494.6	3389.1	3205.4	2963.0
20°	3502.4	3510.3	3549.4	3557.2	3549.4	3510.3	3502.4	3467.2	3408.6	3342.2	3158.5
22.5°	3494.6	3510.3	3541.5	3537.6	3541.5	3510.3	3494.6	3439.9	3389.1	3342.2	3267.9
25°	3455.5	3455.5	3459.5	3463.4	3459.5	3455.5	3455.5	3412.6	3310.9	3299.1	3256.2
27.5°	3373.4	3381.3	3404.7	3400.8	3404.7	3381.3	3373.4	3357.8	3248.4	3236.6	3205.4
30°	3299.1	3291.4	3271.8	3256.2	3271.8	3291.4	3299.1	3275.7	3166.2	3135.0	3142.8
32.5°	3174.1	3154.5	3135.0	3123.3	3135.0	3154.5	3174.1	3166.2	3084.2	3041.2	3049.0
35°	3025.6	3029.5	3025.6	3013.9	3025.6	3029.5	3025.6	3033.3	2982.5	2943.5	2939.6
37.5°	2920.0	2927.8	2923.9	2908.3	2923.9	2927.8	2920.0	2912.2	2841.8	2830.1	2837.9
40°	2810.6	2814.5	2810.6	2798.8	2810.6	2814.5	2810.6	2794.9	2697.2	2701.1	2728.5
42.5°	2705.0	2701.1	2689.4	2681.5	2689.4	2701.1	2705.0	2681.5	2556.5	2544.8	2595.6
45°	2583.8	2587.7	2564.3	2552.6	2564.3	2587.7	2583.8	2568.2	2439.2	2407.9	2443.1
47.5°	2462.7	2462.7	2443.1	2431.4	2443.1	2462.7	2462.7	2443.1	2306.3	2275.0	2294.6
50°	2333.6	2329.8	2302.4	2298.5	2302.4	2329.8	2333.6	2321.9	2177.3	2149.9	2149.9
52.5°	2185.1	2185.1	2189.0	2196.8	2189.0	2185.1	2185.1	2189.0	2060.1	2032.6	2024.9
55°	2056.1	2060.1	2087.4	2095.2	2087.4	2060.1	2056.1	2056.1	1938.9	1911.5	1895.8
57.5°	1923.2	1923.2	1942.8	1942.8	1942.8	1923.2	1923.2	1915.4	1802.0	1778.6	1770.8
60°	1770.8	1778.6	1794.3	1790.3	1794.3	1778.6	1770.8	1762.9	1665.2	1649.6	1622.2
62.5°	1610.5	1618.3	1622.2	1614.4	1622.2	1618.3	1610.5	1587.0	1528.4	1516.7	1481.5
65°	1442.4	1450.2	1454.1	1446.3	1454.1	1450.2	1442.4	1430.7	1387.7	1368.1	1336.9
67.5°	1270.4	1266.5	1262.6	1278.2	1262.6	1266.5	1270.4	1254.8	1227.5	1211.7	1168.8
70°	1094.5	1094.5	1090.6	1098.4	1090.6	1094.5	1094.5	1082.8	1067.1	1055.4	1016.3
72.5°	906.9	903.0	918.6	906.9	918.6	903.0	906.9	903.0	895.1	883.4	844.3
75°	723.2	731.0	723.2	734.9	723.2	731.0	723.2	727.0	723.2	715.3	688.0
77.5°	551.2	559.0	551.2	551.2	551.2	559.0	551.2	555.1	555.1	555.1	531.6
80°	390.9	387.0	387.0	383.1	387.0	387.0	390.9	390.9	394.8	387.0	379.1
82.5°	250.2	246.2	246.2	254.1	246.2	246.2	250.2	254.1	246.2	246.2	246.2
85°	136.8	140.8	132.9	132.9	132.9	140.8	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.6
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



TEST NUMBER: P935721

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

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



TEST NUMBER: P935721

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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4081.0	4100.6	4112.3	4127.9	4167.0
5°	3924.6	3998.9	4022.3	4081.0	4151.3
7.5°	3580.7	3807.3	3869.9	4010.6	4120.0
10°	3248.4	3475.1	3584.5	3916.8	4081.0
12.5°	3080.3	3213.2	3287.4	3752.6	4026.3
15°	2974.7	3068.5	3123.3	3533.7	3963.7
17.5°	2892.7	2959.1	2998.2	3318.7	3877.7
20°	2841.8	2873.1	2908.3	3162.4	3780.0
22.5°	2806.6	2787.1	2814.5	3052.9	3647.1
25°	2783.2	2708.9	2740.2	2966.9	3490.7
27.5°	2802.7	2638.6	2650.3	2888.7	3326.6
30°	2806.6	2552.6	2556.5	2806.6	3142.8
32.5°	2779.3	2462.7	2466.5	2705.0	2935.6
35°	2712.9	2357.1	2353.2	2587.7	2654.2
37.5°	2622.9	2243.8	2243.8	2458.8	2345.4
40°	2513.5	2130.4	2142.1	2290.7	2071.8
42.5°	2380.5	2009.2	2024.9	2067.8	1868.5
45°	2235.9	1892.0	1903.7	1747.3	1712.1
47.5°	2075.7	1770.8	1774.7	1450.2	1661.4
50°	1884.1	1645.6	1630.0	1243.1	1657.4
52.5°	1716.0	1508.9	1461.9	1125.8	1505.0
55°	1551.9	1364.2	1262.6	1035.9	1395.5
57.5°	1407.3	1176.6	1078.8	930.3	1372.1
60°	1274.4	992.9	918.6	817.0	1258.7
62.5°	1164.9	856.1	840.5	738.8	1141.4
65°	1047.6	762.2	758.4	672.4	969.4
67.5°	934.2	699.7	695.8	609.8	738.8
70°	813.0	633.2	625.5	543.3	547.2
72.5°	688.0	559.0	551.2	488.6	453.5
75°	562.9	473.0	469.1	426.0	367.4
77.5°	441.7	375.3	383.1	344.0	269.7
80°	316.6	273.7	281.4	246.2	203.3
82.5°	211.1	179.8	187.6	156.4	136.8
85°	117.3	101.6	105.6	82.1	62.5
87.5°	54.7	46.9	46.9	31.3	19.6
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: P935721

CATALOG NUMBER: SQ4-FA-125U-125D-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: P935721
 CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-12

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.49	14.33	14.46	15.32	16.62	16.34	17.18	17.31	18.17	19.47
	3H	13.96	14.72	14.95	15.72	17.04	17.69	18.45	18.67	19.44	20.76
	4H	14.15	14.87	15.15	15.87	17.20	18.14	18.86	19.14	19.85	21.18
	6H	14.27	14.93	15.28	15.94	17.28	18.43	19.09	19.44	20.09	21.43
	8H	14.27	14.90	15.29	15.92	17.26	18.51	19.13	19.52	20.15	21.49
	12H	14.24	14.84	15.26	15.86	17.22	18.55	19.14	19.57	20.16	21.52
4H	2H	14.52	15.24	15.53	16.24	17.57	16.75	17.46	17.75	18.46	19.79
	3H	15.55	16.15	16.56	17.18	18.52	18.26	18.85	19.27	19.88	21.22
	4H	15.83	16.37	16.85	17.39	18.76	18.79	19.33	19.81	20.36	21.72
	6H	15.95	16.42	16.98	17.46	18.82	19.16	19.63	20.19	20.67	22.03
	8H	15.95	16.39	16.99	17.43	18.81	19.27	19.71	20.30	20.74	22.12
	12H	15.92	16.32	16.97	17.37	18.75	19.33	19.72	20.38	20.78	22.16
8H	4H	16.28	16.72	17.31	17.76	19.13	18.91	19.35	19.94	20.39	21.76
	6H	16.54	16.90	17.60	17.98	19.36	19.35	19.72	20.41	20.79	22.17
	8H	16.58	16.90	17.65	17.97	19.36	19.51	19.83	20.57	20.89	22.28
	12H	16.57	16.85	17.64	17.91	19.34	19.61	19.89	20.68	20.95	22.38
12H	4H	16.29	16.68	17.34	17.74	19.12	18.87	19.27	19.93	20.32	21.70
	6H	16.60	16.92	17.67	17.99	19.38	19.35	19.67	20.41	20.73	22.12
	8H	16.67	16.95	17.74	18.01	19.44	19.51	19.79	20.58	20.85	22.29