

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: P935749

Luminaire Tested: SQ4-FA-125U-125D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935749
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-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

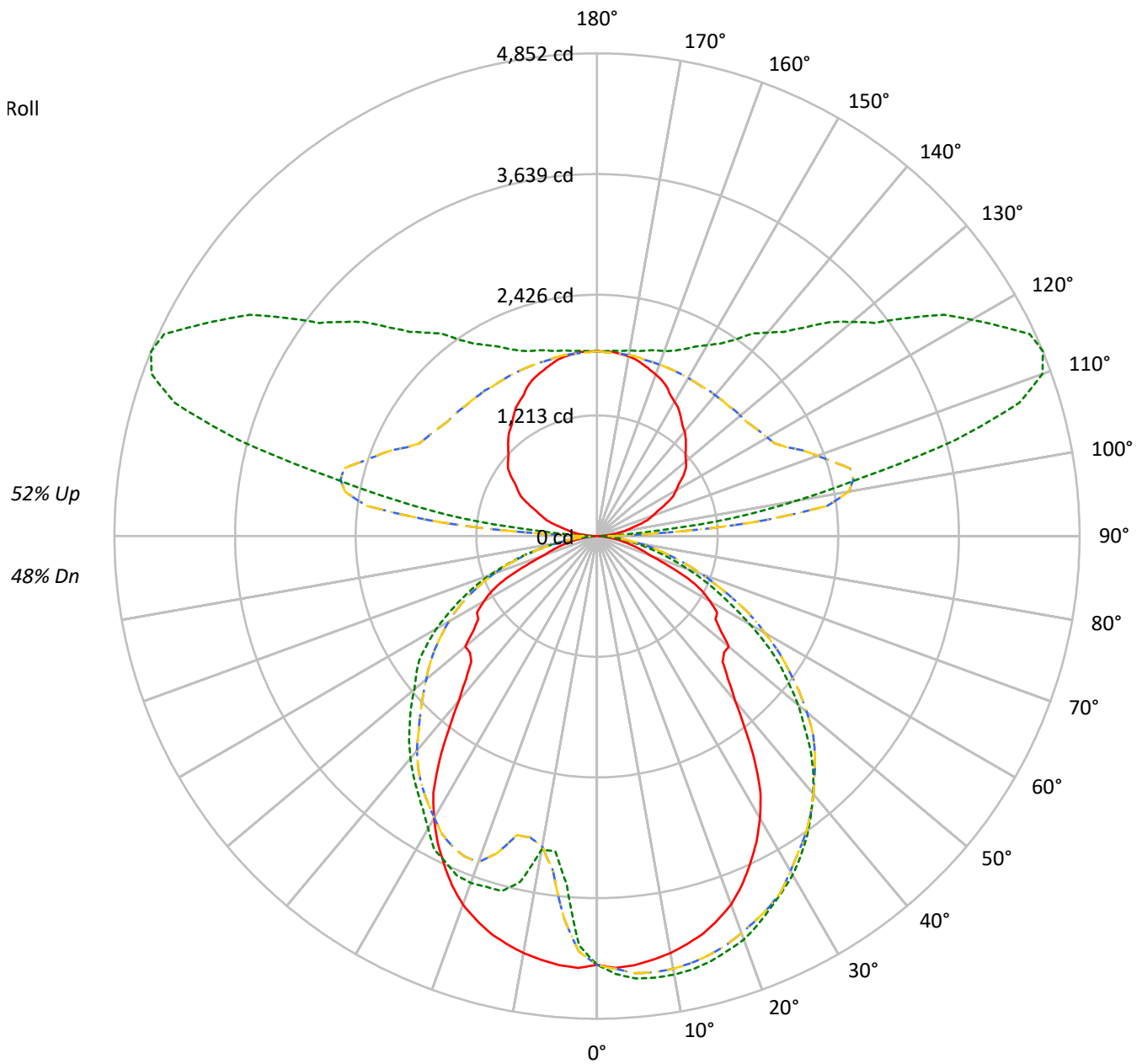
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23226.8 lumens
Efficiency: N/A
Efficacy: 103.0 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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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°	13328	13328	13328	13328
5°	13432	13454	13432	10579
10°	13347	13252	13347	9474
15°	13207	12965	13207	10826
20°	12936	12625	12936	10849
25°	12376	12129	12376	10619
30°	11650	11717	11650	10114
35°	10391	11196	10391	9560
40°	8663	10583	8663	9140
45°	7746	9865	7746	8658
50°	8236	9009	8236	8175
55°	7756	8086	7756	7895
60°	8005	6868	8005	7231
65°	7269	5678	7269	6346
70°	5046	4525	5046	5320
75°	4441	3344	4441	4005
80°	3606	2211	3606	2408
85°	2113	1171	2113	995

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11864 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.0	1.7
10°-20°	1104.3	4.8
20°-30°	1707.1	7.3
30°-40°	2037.9	8.8
40°-50°	2049.9	8.8
50°-60°	1783.6	7.7
60°-70°	1264.7	5.4
70°-80°	669.1	2.9
80°-90°	173.7	0.7
90°-100°	905.9	3.9
100°-110°	2381.7	10.3
110°-120°	2469.5	10.6
120°-130°	1980.9	8.5
130°-140°	1554.3	6.7
140°-150°	1193.0	5.1
150°-160°	859.1	3.7
160°-170°	525.7	2.3
170°-180°	177.6	0.8
0°-30°	3200.4	13.8
0°-40°	5238.3	22.6
0°-60°	9071.8	39.1
0°-90°	11179.2	48.1
90°-120°	5757.1	24.8
90°-150°	10485.2	45.1
90°-180°	12048.0	51.9
0°-180°	23226.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4309	4309	4309	4309	4309	
5°	4329	4464	4329	3510	4329	411
15°	4134	4423	4134	3693	4134	1163
25°	3640	4125	3640	3612	3640	1671
35°	2768	3681	2768	3143	2768	1712
45°	1786	3033	1786	2662	1786	1430
55°	1455	2238	1455	2185	1455	1337
65°	1011	1349	1011	1508	1011	966
75°	383	640	383	766	383	403
85°	65	163	65	139	65	88
90°	12	47	12	47	12	13
95°	120	548	120	548	120	133
105°	429	3729	429	3729	429	455
115°	762	4802	762	4802	762	753
125°	1060	3824	1060	3824	1060	941
135°	1264	2967	1264	2967	1264	978
145°	1466	2407	1466	2407	1466	918
155°	1656	2073	1656	2073	1656	761
165°	1787	1931	1787	1931	1787	504
175°	1858	1871	1858	1871	1858	176
180°	1858	1858	1858	1858	1858	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4345.6	4345.6	4370.0	4378.2	4378.2	4365.9	4353.7	4365.9	4402.6	4414.9	4410.8
5°	4329.2	4361.9	4406.7	4414.9	4423.0	4418.9	4410.8	4418.9	4459.7	4467.9	4471.9
7.5°	4296.6	4357.8	4414.9	4427.1	4439.3	4427.1	4423.0	4431.2	4471.9	4480.1	4480.1
10°	4255.9	4341.5	4406.7	4414.9	4427.1	4414.9	4414.9	4431.2	4471.9	4480.1	4484.2
12.5°	4198.8	4317.0	4378.2	4386.3	4402.6	4398.5	4394.5	4410.8	4451.5	4459.7	4459.7
15°	4133.6	4272.2	4329.2	4337.4	4365.9	4357.8	4357.8	4374.1	4418.9	4431.2	4427.1
17.5°	4043.9	4215.1	4280.3	4292.6	4312.9	4308.9	4312.9	4329.2	4370.0	4378.2	4382.2
20°	3942.0	4137.6	4215.1	4227.3	4247.7	4247.7	4247.7	4268.1	4308.9	4325.2	4325.2
22.5°	3803.4	4056.1	4137.6	4145.8	4170.3	4170.3	4178.4	4206.9	4243.6	4247.7	4247.7
25°	3640.3	3966.4	4035.7	4060.2	4084.7	4096.9	4109.1	4125.4	4137.6	4133.6	4137.6
27.5°	3469.1	3852.3	3942.0	3958.3	3990.9	4003.1	4019.4	4023.5	4027.6	4039.8	4031.7
30°	3277.5	3693.3	3827.8	3844.1	3897.1	3905.3	3889.0	3897.1	3917.5	3925.7	3933.8
32.5°	3061.4	3456.9	3709.6	3746.3	3795.2	3770.8	3766.7	3778.9	3811.5	3811.5	3819.7
35°	2767.9	3273.4	3599.5	3632.1	3668.8	3640.3	3656.6	3660.7	3681.1	3693.3	3689.2
37.5°	2445.9	3114.4	3485.4	3509.9	3538.4	3501.7	3526.2	3538.4	3554.7	3546.5	3546.5
40°	2160.6	2865.7	3350.9	3367.2	3391.6	3363.1	3387.6	3395.7	3403.9	3395.7	3391.6
42.5°	1948.6	2592.6	3208.2	3228.6	3212.3	3232.6	3240.8	3257.1	3244.9	3228.6	3228.6
45°	1785.5	2519.3	3053.3	3077.7	3053.3	3085.9	3098.1	3098.1	3061.4	3053.3	3049.2
47.5°	1732.6	2372.5	2898.4	2898.4	2886.1	2926.9	2947.3	2918.7	2882.1	2869.8	2869.8
50°	1728.5	2209.5	2686.4	2670.1	2727.1	2776.1	2755.7	2727.1	2698.6	2653.8	2653.8
52.5°	1569.5	2009.7	2413.3	2474.4	2564.1	2592.6	2560.0	2531.5	2482.6	2462.2	2445.9
55°	1455.3	1801.9	2164.6	2286.9	2380.7	2417.4	2356.2	2327.7	2254.3	2242.1	2233.9
57.5°	1430.9	1500.2	1936.4	2091.3	2205.4	2201.3	2164.6	2111.6	2050.5	2038.3	2034.2
60°	1312.7	1084.4	1691.8	1875.2	1993.4	1981.2	1948.6	1899.7	1842.6	1834.5	1826.3
62.5°	1190.4	786.8	1414.6	1622.5	1789.6	1785.5	1757.0	1683.6	1642.9	1622.5	1606.2
65°	1011.0	660.4	1006.9	1349.4	1589.9	1598.0	1536.9	1483.9	1439.0	1414.6	1410.5
67.5°	770.5	538.1	680.8	1125.1	1398.3	1390.1	1312.7	1288.2	1231.1	1218.9	1194.4
70°	570.7	358.7	472.9	913.2	1210.7	1190.4	1129.2	1100.7	1047.7	1019.1	1002.8
72.5°	472.9	289.4	346.5	709.3	1019.1	994.7	941.7	909.1	864.2	839.8	823.5
75°	383.2	305.7	265.0	525.9	827.5	811.2	762.3	729.7	693.0	660.4	664.5
77.5°	281.3	285.4	212.0	387.3	656.3	631.9	603.3	562.6	546.3	513.7	513.7
80°	212.0	224.2	159.0	265.0	472.9	472.9	448.4	419.9	391.4	375.0	375.0
82.5°	142.7	142.7	118.2	167.1	322.1	309.8	293.5	285.4	269.1	260.9	260.9
85°	65.2	81.5	73.4	101.9	175.3	183.4	183.4	175.3	171.2	163.1	167.1
87.5°	20.4	36.7	44.8	57.1	89.7	93.8	97.8	97.8	97.8	101.9	101.9
90°	12.4	22.4	32.4	34.9	54.8	81.4	94.8	84.2	63.2	47.4	47.4
92.5°	49.9	134.7	219.5	240.7	338.5	468.7	533.8	467.8	335.9	237.0	227.6
95°	119.7	274.9	430.2	469.0	832.7	1317.8	1560.3	1392.3	1056.4	804.5	775.9
97.5°	207.0	343.9	480.9	515.1	1121.7	1930.5	2334.9	2228.7	2016.4	1857.2	1802.8
100°	274.4	398.6	522.8	553.8	1226.9	2124.4	2573.1	2580.9	2596.4	2608.1	2543.3
102.5°	331.8	447.7	563.5	592.5	1275.2	2185.4	2640.5	2775.7	3046.3	3249.2	3193.8
105°	429.0	527.2	625.3	649.9	1310.9	2192.3	2633.0	2936.2	3542.7	3997.5	3967.7
107.5°	528.9	620.3	711.8	734.7	1317.6	2094.8	2483.4	2906.3	3752.2	4386.6	4393.9
110°	596.2	678.8	761.4	782.0	1307.5	2008.2	2358.6	2831.5	3777.2	4486.4	4517.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	662.3	741.0	819.7	839.4	1307.9	1932.7	2245.1	2729.1	3696.9	4422.8	4470.5
115°	762.0	834.6	907.3	925.5	1320.1	1846.1	2109.2	2575.4	3507.7	4207.1	4273.2
117.5°	860.7	926.6	992.6	1009.0	1344.5	1791.9	2015.6	2436.4	3277.8	3908.9	3982.2
120°	918.0	980.1	1042.2	1057.7	1364.5	1773.7	1978.2	2362.7	3131.5	3708.2	3779.4
122.5°	974.1	1036.8	1099.4	1115.0	1393.2	1764.1	1949.5	2295.7	2988.0	3507.3	3577.6
125°	1060.2	1117.3	1174.4	1188.7	1431.9	1756.2	1918.3	2212.3	2800.5	3241.6	3306.4
127.5°	1130.1	1187.7	1245.4	1259.7	1470.5	1751.6	1892.1	2144.6	2649.6	3028.4	3083.0
130°	1167.5	1229.6	1291.6	1307.1	1498.8	1754.4	1882.2	2106.9	2556.5	2893.7	2944.1
132.5°	1206.1	1268.2	1330.3	1345.8	1521.7	1756.2	1873.4	2074.6	2477.1	2778.9	2824.2
135°	1263.5	1320.1	1376.6	1390.7	1546.7	1754.6	1858.5	2027.0	2364.0	2616.8	2655.8
137.5°	1322.1	1378.1	1434.1	1448.0	1584.0	1765.3	1856.0	1998.4	2283.3	2497.0	2528.9
140°	1370.7	1422.3	1473.8	1486.8	1606.9	1767.1	1847.2	1970.2	2216.4	2401.0	2430.8
142.5°	1408.1	1455.8	1503.5	1515.4	1626.0	1773.5	1847.2	1955.3	2171.6	2333.7	2359.3
145°	1465.6	1507.2	1548.7	1559.1	1651.0	1773.5	1834.8	1923.2	2100.0	2232.6	2252.0
147.5°	1522.9	1563.4	1603.8	1613.9	1687.6	1785.7	1834.8	1904.3	2043.5	2147.8	2163.8
150°	1560.3	1596.9	1633.5	1642.7	1706.7	1792.1	1834.8	1893.6	2011.0	2099.1	2112.1
152.5°	1599.0	1626.7	1654.5	1661.4	1719.2	1796.2	1834.8	1885.0	1985.3	2060.5	2070.4
155°	1656.3	1676.9	1697.4	1702.5	1746.6	1805.4	1834.8	1874.7	1954.5	2014.3	2020.8
157.5°	1698.8	1718.7	1738.7	1743.7	1774.1	1814.5	1834.8	1865.8	1927.8	1974.4	1979.0
160°	1727.5	1743.0	1758.6	1762.4	1786.5	1818.7	1834.8	1861.4	1914.6	1954.5	1957.2
162.5°	1756.2	1767.8	1779.4	1782.3	1799.8	1823.1	1834.8	1857.3	1902.1	1935.8	1938.3
165°	1787.3	1797.8	1808.4	1811.0	1819.0	1829.5	1834.8	1850.8	1883.0	1907.0	1909.7
167.5°	1816.1	1821.0	1826.0	1827.2	1833.9	1842.8	1847.2	1857.7	1878.8	1894.6	1895.7
170°	1834.8	1839.8	1844.7	1845.9	1846.3	1846.9	1847.2	1857.7	1878.8	1894.6	1894.6
172.5°	1844.7	1845.9	1847.0	1847.2	1847.2	1847.2	1847.2	1855.6	1872.2	1884.6	1883.7
175°	1858.5	1858.5	1858.5	1858.5	1854.7	1849.7	1847.2	1852.5	1863.0	1870.9	1870.9
177.5°	1858.5	1858.5	1858.5	1858.5	1855.6	1851.6	1849.7	1853.9	1862.2	1868.4	1867.3
180°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4418.9	4406.7	4418.9	4410.8	4414.9	4402.6	4365.9	4353.7	4365.9	4378.2	4378.2
5°	4471.9	4463.8	4471.9	4471.9	4467.9	4459.7	4418.9	4410.8	4418.9	4423.0	4414.9
7.5°	4488.2	4476.0	4488.2	4480.1	4480.1	4471.9	4431.2	4423.0	4427.1	4439.3	4427.1
10°	4488.2	4476.0	4488.2	4484.2	4480.1	4471.9	4431.2	4414.9	4414.9	4427.1	4414.9
12.5°	4467.9	4459.7	4467.9	4459.7	4459.7	4451.5	4410.8	4394.5	4398.5	4402.6	4386.3
15°	4435.2	4423.0	4435.2	4427.1	4431.2	4418.9	4374.1	4357.8	4357.8	4365.9	4337.4
17.5°	4386.3	4370.0	4386.3	4382.2	4378.2	4370.0	4329.2	4312.9	4308.9	4312.9	4292.6
20°	4329.2	4317.0	4329.2	4325.2	4325.2	4308.9	4268.1	4247.7	4247.7	4247.7	4227.3
22.5°	4239.6	4227.3	4239.6	4247.7	4247.7	4243.6	4206.9	4178.4	4170.3	4170.3	4145.8
25°	4137.6	4125.4	4137.6	4137.6	4133.6	4137.6	4125.4	4109.1	4096.9	4084.7	4060.2
27.5°	4039.8	4031.7	4039.8	4031.7	4039.8	4027.6	4023.5	4019.4	4003.1	3990.9	3958.3
30°	3942.0	3933.8	3942.0	3933.8	3925.7	3917.5	3897.1	3889.0	3905.3	3897.1	3844.1
32.5°	3819.7	3811.5	3819.7	3819.7	3811.5	3811.5	3778.9	3766.7	3770.8	3795.2	3746.3
35°	3693.3	3681.1	3693.3	3689.2	3693.3	3681.1	3660.7	3656.6	3640.3	3668.8	3632.1
37.5°	3546.5	3534.3	3546.5	3546.5	3546.5	3554.7	3538.4	3526.2	3501.7	3538.4	3509.9
40°	3395.7	3379.4	3395.7	3391.6	3395.7	3403.9	3395.7	3387.6	3363.1	3391.6	3367.2
42.5°	3224.5	3220.4	3224.5	3228.6	3228.6	3244.9	3257.1	3240.8	3232.6	3212.3	3228.6
45°	3041.0	3032.9	3041.0	3049.2	3053.3	3061.4	3098.1	3098.1	3085.9	3053.3	3077.7
47.5°	2845.4	2825.0	2845.4	2869.8	2869.8	2882.1	2918.7	2947.3	2926.9	2886.1	2898.4
50°	2637.5	2641.5	2637.5	2653.8	2653.8	2698.6	2727.1	2755.7	2776.1	2727.1	2670.1
52.5°	2433.7	2429.6	2433.7	2445.9	2462.2	2482.6	2531.5	2560.0	2592.6	2564.1	2474.4
55°	2229.9	2238.0	2229.9	2233.9	2242.1	2254.3	2327.7	2356.2	2417.4	2380.7	2286.9
57.5°	2026.0	2013.8	2026.0	2034.2	2038.3	2050.5	2111.6	2164.6	2201.3	2205.4	2091.3
60°	1789.6	1773.3	1789.6	1826.3	1834.5	1842.6	1899.7	1948.6	1981.2	1993.4	1875.2
62.5°	1581.7	1553.2	1581.7	1606.2	1622.5	1642.9	1683.6	1757.0	1785.5	1789.6	1622.5
65°	1361.6	1349.4	1361.6	1410.5	1414.6	1439.0	1483.9	1536.9	1598.0	1589.9	1349.4
67.5°	1161.8	1161.8	1161.8	1194.4	1218.9	1231.1	1288.2	1312.7	1390.1	1398.3	1125.1
70°	978.4	974.3	978.4	1002.8	1019.1	1047.7	1100.7	1129.2	1190.4	1210.7	913.2
72.5°	803.1	799.0	803.1	823.5	839.8	864.2	909.1	941.7	994.7	1019.1	709.3
75°	648.2	640.0	648.2	664.5	660.4	693.0	729.7	762.3	811.2	827.5	525.9
77.5°	497.3	497.3	497.3	513.7	513.7	546.3	562.6	603.3	631.9	656.3	387.3
80°	371.0	366.9	371.0	375.0	375.0	391.4	419.9	448.4	472.9	472.9	265.0
82.5°	260.9	252.7	260.9	260.9	260.9	269.1	285.4	293.5	309.8	322.1	167.1
85°	163.1	163.1	163.1	167.1	163.1	171.2	175.3	183.4	183.4	175.3	101.9
87.5°	106.0	101.9	106.0	101.9	101.9	97.8	97.8	97.8	93.8	89.7	57.1
90°	47.4	47.4	47.4	47.4	47.4	63.2	84.2	94.8	81.4	54.8	34.9
92.5°	189.8	152.2	189.8	227.6	237.0	335.9	467.8	533.8	468.7	338.5	240.7
95°	661.8	547.6	661.8	775.9	804.5	1056.4	1392.3	1560.3	1317.8	832.7	469.0
97.5°	1585.5	1368.2	1585.5	1802.8	1857.2	2016.4	2228.7	2334.9	1930.5	1121.7	515.1
100°	2284.5	2025.6	2284.5	2543.3	2608.1	2596.4	2580.9	2573.1	2124.4	1226.9	553.8
102.5°	2972.0	2750.3	2972.0	3193.8	3249.2	3046.3	2775.7	2640.5	2185.4	1275.2	592.5
105°	3848.5	3729.4	3848.5	3967.7	3997.5	3542.7	2936.2	2633.0	2192.3	1310.9	649.9
107.5°	4422.7	4451.5	4422.7	4393.9	4386.6	3752.2	2906.3	2483.4	2094.8	1317.6	734.7
110°	4641.7	4765.8	4641.7	4517.5	4486.4	3777.2	2831.5	2358.6	2008.2	1307.5	782.0



TEST NUMBER: P935749

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4661.2	4851.9	4661.2	4470.5	4422.8	3696.9	2729.1	2245.1	1932.7	1307.9	839.4
115°	4537.6	4802.0	4537.6	4273.2	4207.1	3507.7	2575.4	2109.2	1846.1	1320.1	925.5
117.5°	4275.5	4568.7	4275.5	3982.2	3908.9	3277.8	2436.4	2015.6	1791.9	1344.5	1009.0
120°	4064.3	4349.2	4064.3	3779.4	3708.2	3131.5	2362.7	1978.2	1773.7	1364.5	1057.7
122.5°	3858.7	4139.7	3858.7	3577.6	3507.3	2988.0	2295.7	1949.5	1764.1	1393.2	1115.0
125°	3565.2	3824.1	3565.2	3306.4	3241.6	2800.5	2212.3	1918.3	1756.2	1431.9	1188.7
127.5°	3301.4	3519.8	3301.4	3083.0	3028.4	2649.6	2144.6	1892.1	1751.6	1470.5	1259.7
130°	3145.9	3347.7	3145.9	2944.1	2893.7	2556.5	2106.9	1882.2	1754.4	1498.8	1307.1
132.5°	3004.8	3185.5	3004.8	2824.2	2778.9	2477.1	2074.6	1873.4	1756.2	1521.7	1345.8
135°	2811.5	2967.2	2811.5	2655.8	2616.8	2364.0	2027.0	1858.5	1754.6	1546.7	1390.7
137.5°	2656.4	2783.9	2656.4	2528.9	2497.0	2283.3	1998.4	1856.0	1765.3	1584.0	1448.0
140°	2550.0	2669.2	2550.0	2430.8	2401.0	2216.4	1970.2	1847.2	1767.1	1606.9	1486.8
142.5°	2461.8	2564.4	2461.8	2359.3	2333.7	2171.6	1955.3	1847.2	1773.5	1626.0	1515.4
145°	2329.6	2407.2	2329.6	2252.0	2232.6	2100.0	1923.2	1834.8	1773.5	1651.0	1559.1
147.5°	2228.2	2292.5	2228.2	2163.8	2147.8	2043.5	1904.3	1834.8	1785.7	1687.6	1613.9
150°	2164.3	2216.4	2164.3	2112.1	2099.1	2011.0	1893.6	1834.8	1792.1	1706.7	1642.7
152.5°	2109.7	2149.1	2109.7	2070.4	2060.5	1985.3	1885.0	1834.8	1796.2	1719.2	1661.4
155°	2046.9	2072.9	2046.9	2020.8	2014.3	1954.5	1874.7	1834.8	1805.4	1746.6	1702.5
157.5°	1997.3	2015.6	1997.3	1979.0	1974.4	1927.8	1865.8	1834.8	1814.5	1774.1	1743.7
160°	1967.7	1978.2	1967.7	1957.2	1954.5	1914.6	1861.4	1834.8	1818.7	1786.5	1762.4
162.5°	1948.2	1958.2	1948.2	1938.3	1935.8	1902.1	1857.3	1834.8	1823.1	1799.8	1782.3
165°	1920.2	1930.8	1920.2	1909.7	1907.0	1883.0	1850.8	1834.8	1829.5	1819.0	1811.0
167.5°	1900.1	1904.6	1900.1	1895.7	1894.6	1878.8	1857.7	1847.2	1842.8	1833.9	1827.2
170°	1894.6	1894.6	1894.6	1894.6	1894.6	1878.8	1857.7	1847.2	1846.9	1846.3	1845.9
172.5°	1879.7	1875.9	1879.7	1883.7	1884.6	1872.2	1855.6	1847.2	1847.2	1847.2	1847.2
175°	1870.9	1870.9	1870.9	1870.9	1870.9	1863.0	1852.5	1847.2	1849.7	1854.7	1858.5
177.5°	1862.9	1858.5	1862.9	1867.3	1868.4	1862.2	1853.9	1849.7	1851.6	1855.6	1858.5
180°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5



TEST NUMBER: P935749

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4370.0	4345.6	4345.6	4304.8	4288.5	4276.3	4255.9	4194.7	4178.4	4162.1	4186.6
5°	4406.7	4361.9	4329.2	4255.9	4194.7	4170.3	4092.8	3946.0	3848.2	3774.8	3734.1
7.5°	4414.9	4357.8	4296.6	4182.5	4035.7	3970.5	3734.1	3465.0	3391.6	3326.4	3285.6
10°	4406.7	4341.5	4255.9	4084.7	3738.1	3624.0	3387.6	3212.3	3167.4	3155.2	3167.4
12.5°	4378.2	4317.0	4198.8	3913.4	3428.3	3350.9	3212.3	3110.3	3102.2	3122.6	3232.6
15°	4329.2	4272.2	4133.6	3685.1	3257.1	3200.0	3102.2	3065.5	3110.3	3253.0	3583.2
17.5°	4280.3	4215.1	4043.9	3460.9	3126.7	3085.9	3016.6	3090.0	3342.7	3534.3	3644.4
20°	4215.1	4137.6	3942.0	3297.9	3032.9	2996.2	2963.6	3293.8	3485.4	3554.7	3615.8
22.5°	4137.6	4056.1	3803.4	3183.7	2935.1	2906.5	2926.9	3407.9	3485.4	3534.3	3587.3
25°	4035.7	3966.4	3640.3	3094.0	2857.6	2825.0	2902.4	3395.7	3440.5	3452.8	3558.8
27.5°	3942.0	3852.3	3469.1	3012.5	2763.8	2751.6	2922.8	3342.7	3375.3	3387.6	3501.7
30°	3827.8	3693.3	3277.5	2926.9	2666.0	2661.9	2926.9	3277.5	3269.3	3301.9	3416.1
32.5°	3709.6	3456.9	3061.4	2820.9	2572.2	2568.2	2898.4	3179.6	3171.5	3216.3	3301.9
35°	3599.5	3273.4	2767.9	2698.6	2454.0	2458.1	2829.1	3065.5	3069.6	3110.3	3163.3
37.5°	3485.4	3114.4	2445.9	2564.1	2339.9	2339.9	2735.3	2959.5	2951.4	2963.6	3037.0
40°	3350.9	2865.7	2160.6	2388.8	2233.9	2221.7	2621.2	2845.4	2816.8	2812.8	2914.7
42.5°	3208.2	2592.6	1948.6	2156.5	2111.6	2095.3	2482.6	2706.8	2653.8	2666.0	2796.4
45°	3053.3	2519.3	1785.5	1822.2	1985.3	1973.1	2331.8	2547.8	2511.1	2543.7	2678.2
47.5°	2898.4	2372.5	1732.6	1512.4	1850.8	1846.7	2164.6	2392.9	2372.5	2405.1	2547.8
50°	2686.4	2209.5	1728.5	1296.4	1699.9	1716.2	1964.9	2242.1	2242.1	2270.6	2421.4
52.5°	2413.3	2009.7	1569.5	1174.1	1524.6	1573.6	1789.6	2111.6	2119.8	2148.3	2282.8
55°	2164.6	1801.9	1455.3	1080.3	1316.7	1422.7	1618.4	1977.1	1993.4	2022.0	2144.3
57.5°	1936.4	1500.2	1430.9	970.2	1125.1	1227.1	1467.6	1846.7	1854.8	1879.3	1997.5
60°	1691.8	1084.4	1312.7	852.0	958.0	1035.5	1329.0	1691.8	1720.3	1736.6	1838.5
62.5°	1414.6	786.8	1190.4	770.5	876.5	892.8	1214.8	1545.0	1581.7	1593.9	1655.1
65°	1006.9	660.4	1011.0	701.2	790.9	794.9	1092.5	1394.2	1426.8	1447.2	1492.0
67.5°	680.8	538.1	770.5	635.9	725.6	729.7	974.3	1218.9	1263.7	1280.1	1308.6
70°	472.9	358.7	570.7	566.6	652.3	660.4	847.9	1059.9	1100.7	1112.9	1129.2
72.5°	346.5	289.4	472.9	509.6	574.8	583.0	717.5	880.5	921.3	933.5	941.7
75°	265.0	305.7	383.2	444.3	489.2	493.3	587.0	717.5	746.0	754.2	758.2
77.5°	212.0	285.4	281.3	358.7	399.5	391.4	460.7	554.4	578.9	578.9	578.9
80°	159.0	224.2	212.0	256.8	293.5	285.4	330.2	395.4	403.6	411.7	407.7
82.5°	118.2	142.7	142.7	163.1	195.7	187.5	220.1	256.8	256.8	256.8	265.0
85°	73.4	81.5	65.2	85.6	110.1	106.0	122.3	138.6	142.7	142.7	134.5
87.5°	44.8	36.7	20.4	32.6	48.9	48.9	57.1	61.1	57.1	57.1	57.1
90°	32.4	22.4	12.4	22.4	32.4	34.9	54.8	81.4	94.8	84.2	63.2
92.5°	219.5	134.7	49.9	134.7	219.5	240.7	338.5	468.7	533.8	467.8	335.9
95°	430.2	274.9	119.7	274.9	430.2	469.0	832.7	1317.8	1560.3	1392.3	1056.4
97.5°	480.9	343.9	207.0	343.9	480.9	515.1	1121.7	1930.5	2334.9	2228.7	2016.4
100°	522.8	398.6	274.4	398.6	522.8	553.8	1226.9	2124.4	2573.1	2580.9	2596.4
102.5°	563.5	447.7	331.8	447.7	563.5	592.5	1275.2	2185.4	2640.5	2775.7	3046.3
105°	625.3	527.2	429.0	527.2	625.3	649.9	1310.9	2192.3	2633.0	2936.2	3542.7
107.5°	711.8	620.3	528.9	620.3	711.8	734.7	1317.6	2094.8	2483.4	2906.3	3752.2
110°	761.4	678.8	596.2	678.8	761.4	782.0	1307.5	2008.2	2358.6	2831.5	3777.2



TEST NUMBER: P935749

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	819.7	741.0	662.3	741.0	819.7	839.4	1307.9	1932.7	2245.1	2729.1	3696.9
115°	907.3	834.6	762.0	834.6	907.3	925.5	1320.1	1846.1	2109.2	2575.4	3507.7
117.5°	992.6	926.6	860.7	926.6	992.6	1009.0	1344.5	1791.9	2015.6	2436.4	3277.8
120°	1042.2	980.1	918.0	980.1	1042.2	1057.7	1364.5	1773.7	1978.2	2362.7	3131.5
122.5°	1099.4	1036.8	974.1	1036.8	1099.4	1115.0	1393.2	1764.1	1949.5	2295.7	2988.0
125°	1174.4	1117.3	1060.2	1117.3	1174.4	1188.7	1431.9	1756.2	1918.3	2212.3	2800.5
127.5°	1245.4	1187.7	1130.1	1187.7	1245.4	1259.7	1470.5	1751.6	1892.1	2144.6	2649.6
130°	1291.6	1229.6	1167.5	1229.6	1291.6	1307.1	1498.8	1754.4	1882.2	2106.9	2556.5
132.5°	1330.3	1268.2	1206.1	1268.2	1330.3	1345.8	1521.7	1756.2	1873.4	2074.6	2477.1
135°	1376.6	1320.1	1263.5	1320.1	1376.6	1390.7	1546.7	1754.6	1858.5	2027.0	2364.0
137.5°	1434.1	1378.1	1322.1	1378.1	1434.1	1448.0	1584.0	1765.3	1856.0	1998.4	2283.3
140°	1473.8	1422.3	1370.7	1422.3	1473.8	1486.8	1606.9	1767.1	1847.2	1970.2	2216.4
142.5°	1503.5	1455.8	1408.1	1455.8	1503.5	1515.4	1626.0	1773.5	1847.2	1955.3	2171.6
145°	1548.7	1507.2	1465.6	1507.2	1548.7	1559.1	1651.0	1773.5	1834.8	1923.2	2100.0
147.5°	1603.8	1563.4	1522.9	1563.4	1603.8	1613.9	1687.6	1785.7	1834.8	1904.3	2043.5
150°	1633.5	1596.9	1560.3	1596.9	1633.5	1642.7	1706.7	1792.1	1834.8	1893.6	2011.0
152.5°	1654.5	1626.7	1599.0	1626.7	1654.5	1661.4	1719.2	1796.2	1834.8	1885.0	1985.3
155°	1697.4	1676.9	1656.3	1676.9	1697.4	1702.5	1746.6	1805.4	1834.8	1874.7	1954.5
157.5°	1738.7	1718.7	1698.8	1718.7	1738.7	1743.7	1774.1	1814.5	1834.8	1865.8	1927.8
160°	1758.6	1743.0	1727.5	1743.0	1758.6	1762.4	1786.5	1818.7	1834.8	1861.4	1914.6
162.5°	1779.4	1767.8	1756.2	1767.8	1779.4	1782.3	1799.8	1823.1	1834.8	1857.3	1902.1
165°	1808.4	1797.8	1787.3	1797.8	1808.4	1811.0	1819.0	1829.5	1834.8	1850.8	1883.0
167.5°	1826.0	1821.0	1816.1	1821.0	1826.0	1827.2	1833.9	1842.8	1847.2	1857.7	1878.8
170°	1844.7	1839.8	1834.8	1839.8	1844.7	1845.9	1846.3	1846.9	1847.2	1857.7	1878.8
172.5°	1847.0	1845.9	1844.7	1845.9	1847.0	1847.2	1847.2	1847.2	1847.2	1855.6	1872.2
175°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1854.7	1849.7	1847.2	1852.5	1863.0
177.5°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1855.6	1851.6	1849.7	1853.9	1862.2
180°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5



TEST NUMBER: P935749

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4158.0	4145.8	4162.1	4117.3	4162.1	4145.8	4158.0	4186.6	4162.1	4178.4	4194.7
5°	3648.5	3628.1	3562.8	3509.9	3562.8	3628.1	3648.5	3734.1	3774.8	3848.2	3946.0
7.5°	3261.2	3244.9	3228.6	3196.0	3228.6	3244.9	3261.2	3285.6	3326.4	3391.6	3465.0
10°	3175.6	3179.6	3204.1	3200.0	3204.1	3179.6	3175.6	3167.4	3155.2	3167.4	3212.3
12.5°	3395.7	3432.4	3566.9	3558.8	3566.9	3432.4	3395.7	3232.6	3122.6	3102.2	3110.3
15°	3648.5	3660.7	3689.2	3693.3	3689.2	3660.7	3648.5	3583.2	3253.0	3110.3	3065.5
17.5°	3672.9	3677.0	3697.4	3697.4	3697.4	3677.0	3672.9	3644.4	3534.3	3342.7	3090.0
20°	3652.5	3660.7	3701.5	3709.6	3701.5	3660.7	3652.5	3615.8	3554.7	3485.4	3293.8
22.5°	3644.4	3660.7	3693.3	3689.2	3693.3	3660.7	3644.4	3587.3	3534.3	3485.4	3407.9
25°	3603.6	3603.6	3607.7	3611.8	3607.7	3603.6	3603.6	3558.8	3452.8	3440.5	3395.7
27.5°	3518.0	3526.2	3550.6	3546.5	3550.6	3526.2	3518.0	3501.7	3387.6	3375.3	3342.7
30°	3440.5	3432.4	3412.0	3395.7	3412.0	3432.4	3440.5	3416.1	3301.9	3269.3	3277.5
32.5°	3310.1	3289.7	3269.3	3257.1	3269.3	3289.7	3310.1	3301.9	3216.3	3171.5	3179.6
35°	3155.2	3159.3	3155.2	3143.0	3155.2	3159.3	3155.2	3163.3	3110.3	3069.6	3065.5
37.5°	3045.1	3053.3	3049.2	3032.9	3049.2	3053.3	3045.1	3037.0	2963.6	2951.4	2959.5
40°	2931.0	2935.1	2931.0	2918.7	2931.0	2935.1	2931.0	2914.7	2812.8	2816.8	2845.4
42.5°	2820.9	2816.8	2804.6	2796.4	2804.6	2816.8	2820.9	2796.4	2666.0	2653.8	2706.8
45°	2694.5	2698.6	2674.2	2661.9	2674.2	2698.6	2694.5	2678.2	2543.7	2511.1	2547.8
47.5°	2568.2	2568.2	2547.8	2535.6	2547.8	2568.2	2568.2	2547.8	2405.1	2372.5	2392.9
50°	2433.7	2429.6	2401.1	2397.0	2401.1	2429.6	2433.7	2421.4	2270.6	2242.1	2242.1
52.5°	2278.8	2278.8	2282.8	2291.0	2282.8	2278.8	2278.8	2282.8	2148.3	2119.8	2111.6
55°	2144.3	2148.3	2176.9	2185.0	2176.9	2148.3	2144.3	2144.3	2022.0	1993.4	1977.1
57.5°	2005.7	2005.7	2026.0	2026.0	2026.0	2005.7	2005.7	1997.5	1879.3	1854.8	1846.7
60°	1846.7	1854.8	1871.2	1867.1	1871.2	1854.8	1846.7	1838.5	1736.6	1720.3	1691.8
62.5°	1679.6	1687.7	1691.8	1683.6	1691.8	1687.7	1679.6	1655.1	1593.9	1581.7	1545.0
65°	1504.3	1512.4	1516.5	1508.3	1516.5	1512.4	1504.3	1492.0	1447.2	1426.8	1394.2
67.5°	1324.9	1320.8	1316.7	1333.0	1316.7	1320.8	1324.9	1308.6	1280.1	1263.7	1218.9
70°	1141.4	1141.4	1137.4	1145.5	1137.4	1141.4	1141.4	1129.2	1112.9	1100.7	1059.9
72.5°	945.8	941.7	958.0	945.8	958.0	941.7	945.8	941.7	933.5	921.3	880.5
75°	754.2	762.3	754.2	766.4	754.2	762.3	754.2	758.2	754.2	746.0	717.5
77.5°	574.8	583.0	574.8	574.8	574.8	583.0	574.8	578.9	578.9	578.9	554.4
80°	407.7	403.6	403.6	399.5	403.6	403.6	407.7	407.7	411.7	403.6	395.4
82.5°	260.9	256.8	256.8	265.0	256.8	256.8	260.9	265.0	256.8	256.8	256.8
85°	142.7	146.8	138.6	138.6	138.6	146.8	142.7	134.5	142.7	142.7	138.6
87.5°	53.0	48.9	48.9	48.9	48.9	48.9	53.0	57.1	57.1	57.1	61.1
90°	47.4	47.4	47.4	47.4	47.4	47.4	47.4	63.2	84.2	94.8	81.4
92.5°	237.0	227.6	189.8	152.2	189.8	227.6	237.0	335.9	467.8	533.8	468.7
95°	804.5	775.9	661.8	547.6	661.8	775.9	804.5	1056.4	1392.3	1560.3	1317.8
97.5°	1857.2	1802.8	1585.5	1368.2	1585.5	1802.8	1857.2	2016.4	2228.7	2334.9	1930.5
100°	2608.1	2543.3	2284.5	2025.6	2284.5	2543.3	2608.1	2596.4	2580.9	2573.1	2124.4
102.5°	3249.2	3193.8	2972.0	2750.3	2972.0	3193.8	3249.2	3046.3	2775.7	2640.5	2185.4
105°	3997.5	3967.7	3848.5	3729.4	3848.5	3967.7	3997.5	3542.7	2936.2	2633.0	2192.3
107.5°	4386.6	4393.9	4422.7	4451.5	4422.7	4393.9	4386.6	3752.2	2906.3	2483.4	2094.8
110°	4486.4	4517.5	4641.7	4765.8	4641.7	4517.5	4486.4	3777.2	2831.5	2358.6	2008.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4422.8	4470.5	4661.2	4851.9	4661.2	4470.5	4422.8	3696.9	2729.1	2245.1	1932.7
115°	4207.1	4273.2	4537.6	4802.0	4537.6	4273.2	4207.1	3507.7	2575.4	2109.2	1846.1
117.5°	3908.9	3982.2	4275.5	4568.7	4275.5	3982.2	3908.9	3277.8	2436.4	2015.6	1791.9
120°	3708.2	3779.4	4064.3	4349.2	4064.3	3779.4	3708.2	3131.5	2362.7	1978.2	1773.7
122.5°	3507.3	3577.6	3858.7	4139.7	3858.7	3577.6	3507.3	2988.0	2295.7	1949.5	1764.1
125°	3241.6	3306.4	3565.2	3824.1	3565.2	3306.4	3241.6	2800.5	2212.3	1918.3	1756.2
127.5°	3028.4	3083.0	3301.4	3519.8	3301.4	3083.0	3028.4	2649.6	2144.6	1892.1	1751.6
130°	2893.7	2944.1	3145.9	3347.7	3145.9	2944.1	2893.7	2556.5	2106.9	1882.2	1754.4
132.5°	2778.9	2824.2	3004.8	3185.5	3004.8	2824.2	2778.9	2477.1	2074.6	1873.4	1756.2
135°	2616.8	2655.8	2811.5	2967.2	2811.5	2655.8	2616.8	2364.0	2027.0	1858.5	1754.6
137.5°	2497.0	2528.9	2656.4	2783.9	2656.4	2528.9	2497.0	2283.3	1998.4	1856.0	1765.3
140°	2401.0	2430.8	2550.0	2669.2	2550.0	2430.8	2401.0	2216.4	1970.2	1847.2	1767.1
142.5°	2333.7	2359.3	2461.8	2564.4	2461.8	2359.3	2333.7	2171.6	1955.3	1847.2	1773.5
145°	2232.6	2252.0	2329.6	2407.2	2329.6	2252.0	2232.6	2100.0	1923.2	1834.8	1773.5
147.5°	2147.8	2163.8	2228.2	2292.5	2228.2	2163.8	2147.8	2043.5	1904.3	1834.8	1785.7
150°	2099.1	2112.1	2164.3	2216.4	2164.3	2112.1	2099.1	2011.0	1893.6	1834.8	1792.1
152.5°	2060.5	2070.4	2109.7	2149.1	2109.7	2070.4	2060.5	1985.3	1885.0	1834.8	1796.2
155°	2014.3	2020.8	2046.9	2072.9	2046.9	2020.8	2014.3	1954.5	1874.7	1834.8	1805.4
157.5°	1974.4	1979.0	1997.3	2015.6	1997.3	1979.0	1974.4	1927.8	1865.8	1834.8	1814.5
160°	1954.5	1957.2	1967.7	1978.2	1967.7	1957.2	1954.5	1914.6	1861.4	1834.8	1818.7
162.5°	1935.8	1938.3	1948.2	1958.2	1948.2	1938.3	1935.8	1902.1	1857.3	1834.8	1823.1
165°	1907.0	1909.7	1920.2	1930.8	1920.2	1909.7	1907.0	1883.0	1850.8	1834.8	1829.5
167.5°	1894.6	1895.7	1900.1	1904.6	1900.1	1895.7	1894.6	1878.8	1857.7	1847.2	1842.8
170°	1894.6	1894.6	1894.6	1894.6	1894.6	1894.6	1894.6	1878.8	1857.7	1847.2	1846.9
172.5°	1884.6	1883.7	1879.7	1875.9	1879.7	1883.7	1884.6	1872.2	1855.6	1847.2	1847.2
175°	1870.9	1870.9	1870.9	1870.9	1870.9	1870.9	1870.9	1863.0	1852.5	1847.2	1849.7
177.5°	1868.4	1867.3	1862.9	1858.5	1862.9	1867.3	1868.4	1862.2	1853.9	1849.7	1851.6
180°	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5	1858.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4255.9	4276.3	4288.5	4304.8	4345.6
5°	4092.8	4170.3	4194.7	4255.9	4329.2
7.5°	3734.1	3970.5	4035.7	4182.5	4296.6
10°	3387.6	3624.0	3738.1	4084.7	4255.9
12.5°	3212.3	3350.9	3428.3	3913.4	4198.8
15°	3102.2	3200.0	3257.1	3685.1	4133.6
17.5°	3016.6	3085.9	3126.7	3460.9	4043.9
20°	2963.6	2996.2	3032.9	3297.9	3942.0
22.5°	2926.9	2906.5	2935.1	3183.7	3803.4
25°	2902.4	2825.0	2857.6	3094.0	3640.3
27.5°	2922.8	2751.6	2763.8	3012.5	3469.1
30°	2926.9	2661.9	2666.0	2926.9	3277.5
32.5°	2898.4	2568.2	2572.2	2820.9	3061.4
35°	2829.1	2458.1	2454.0	2698.6	2767.9
37.5°	2735.3	2339.9	2339.9	2564.1	2445.9
40°	2621.2	2221.7	2233.9	2388.8	2160.6
42.5°	2482.6	2095.3	2111.6	2156.5	1948.6
45°	2331.8	1973.1	1985.3	1822.2	1785.5
47.5°	2164.6	1846.7	1850.8	1512.4	1732.6
50°	1964.9	1716.2	1699.9	1296.4	1728.5
52.5°	1789.6	1573.6	1524.6	1174.1	1569.5
55°	1618.4	1422.7	1316.7	1080.3	1455.3
57.5°	1467.6	1227.1	1125.1	970.2	1430.9
60°	1329.0	1035.5	958.0	852.0	1312.7
62.5°	1214.8	892.8	876.5	770.5	1190.4
65°	1092.5	794.9	790.9	701.2	1011.0
67.5°	974.3	729.7	725.6	635.9	770.5
70°	847.9	660.4	652.3	566.6	570.7
72.5°	717.5	583.0	574.8	509.6	472.9
75°	587.0	493.3	489.2	444.3	383.2
77.5°	460.7	391.4	399.5	358.7	281.3
80°	330.2	285.4	293.5	256.8	212.0
82.5°	220.1	187.5	195.7	163.1	142.7
85°	122.3	106.0	110.1	85.6	65.2
87.5°	57.1	48.9	48.9	32.6	20.4
90°	54.8	34.9	32.4	22.4	12.4
92.5°	338.5	240.7	219.5	134.7	49.9
95°	832.7	469.0	430.2	274.9	119.7
97.5°	1121.7	515.1	480.9	343.9	207.0
100°	1226.9	553.8	522.8	398.6	274.4
102.5°	1275.2	592.5	563.5	447.7	331.8
105°	1310.9	649.9	625.3	527.2	429.0
107.5°	1317.6	734.7	711.8	620.3	528.9
110°	1307.5	782.0	761.4	678.8	596.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1307.9	839.4	819.7	741.0	662.3
115°	1320.1	925.5	907.3	834.6	762.0
117.5°	1344.5	1009.0	992.6	926.6	860.7
120°	1364.5	1057.7	1042.2	980.1	918.0
122.5°	1393.2	1115.0	1099.4	1036.8	974.1
125°	1431.9	1188.7	1174.4	1117.3	1060.2
127.5°	1470.5	1259.7	1245.4	1187.7	1130.1
130°	1498.8	1307.1	1291.6	1229.6	1167.5
132.5°	1521.7	1345.8	1330.3	1268.2	1206.1
135°	1546.7	1390.7	1376.6	1320.1	1263.5
137.5°	1584.0	1448.0	1434.1	1378.1	1322.1
140°	1606.9	1486.8	1473.8	1422.3	1370.7
142.5°	1626.0	1515.4	1503.5	1455.8	1408.1
145°	1651.0	1559.1	1548.7	1507.2	1465.6
147.5°	1687.6	1613.9	1603.8	1563.4	1522.9
150°	1706.7	1642.7	1633.5	1596.9	1560.3
152.5°	1719.2	1661.4	1654.5	1626.7	1599.0
155°	1746.6	1702.5	1697.4	1676.9	1656.3
157.5°	1774.1	1743.7	1738.7	1718.7	1698.8
160°	1786.5	1762.4	1758.6	1743.0	1727.5
162.5°	1799.8	1782.3	1779.4	1767.8	1756.2
165°	1819.0	1811.0	1808.4	1797.8	1787.3
167.5°	1833.9	1827.2	1826.0	1821.0	1816.1
170°	1846.3	1845.9	1844.7	1839.8	1834.8
172.5°	1847.2	1847.2	1847.0	1845.9	1844.7
175°	1854.7	1858.5	1858.5	1858.5	1858.5
177.5°	1855.6	1858.5	1858.5	1858.5	1858.5
180°	1858.5	1858.5	1858.5	1858.5	1858.5



TEST NUMBER: P935749

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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	13.63	14.48	14.61	15.47	16.76	16.49	17.33	17.46	18.32	19.62
	3H	14.11	14.87	15.09	15.86	17.18	17.84	18.59	18.82	19.59	20.91
	4H	14.30	15.02	15.30	16.02	17.34	18.28	19.00	19.28	20.00	21.33
	6H	14.42	15.08	15.43	16.08	17.42	18.57	19.23	19.58	20.24	21.58
	8H	14.42	15.05	15.43	16.07	17.40	18.65	19.28	19.67	20.30	21.64
	12H	14.39	14.99	15.41	16.00	17.36	18.69	19.29	19.71	20.30	21.67
4H	2H	14.67	15.39	15.67	16.39	17.71	16.89	17.61	17.90	18.61	19.94
	3H	15.70	16.29	16.71	17.32	18.66	18.40	19.00	19.42	20.03	21.37
	4H	15.97	16.52	16.99	17.54	18.90	18.93	19.48	19.96	20.50	21.87
	6H	16.10	16.56	17.13	17.61	18.97	19.30	19.77	20.34	20.82	22.18
	8H	16.10	16.54	17.13	17.58	18.95	19.41	19.85	20.45	20.89	22.27
	12H	16.07	16.46	17.12	17.51	18.90	19.47	19.87	20.52	20.92	22.30
8H	4H	16.43	16.87	17.46	17.90	19.28	19.06	19.50	20.09	20.53	21.91
	6H	16.69	17.05	17.74	18.13	19.50	19.50	19.86	20.56	20.94	22.31
	8H	16.73	17.05	17.79	18.11	19.51	19.65	19.97	20.72	21.04	22.43
	12H	16.71	16.99	17.78	18.05	19.49	19.76	20.04	20.82	21.09	22.53
12H	4H	16.43	16.83	17.48	17.88	19.26	19.02	19.42	20.07	20.47	21.85
	6H	16.75	17.07	17.81	18.13	19.52	19.50	19.81	20.56	20.88	22.27
	8H	16.82	17.10	17.88	18.15	19.59	19.66	19.94	20.73	21.00	22.43