

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: P935217

Luminaire Tested: SQ4-FA-100U-100D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935217
REPORT IS A COMBINATION OF REPORTS P933745 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-840-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

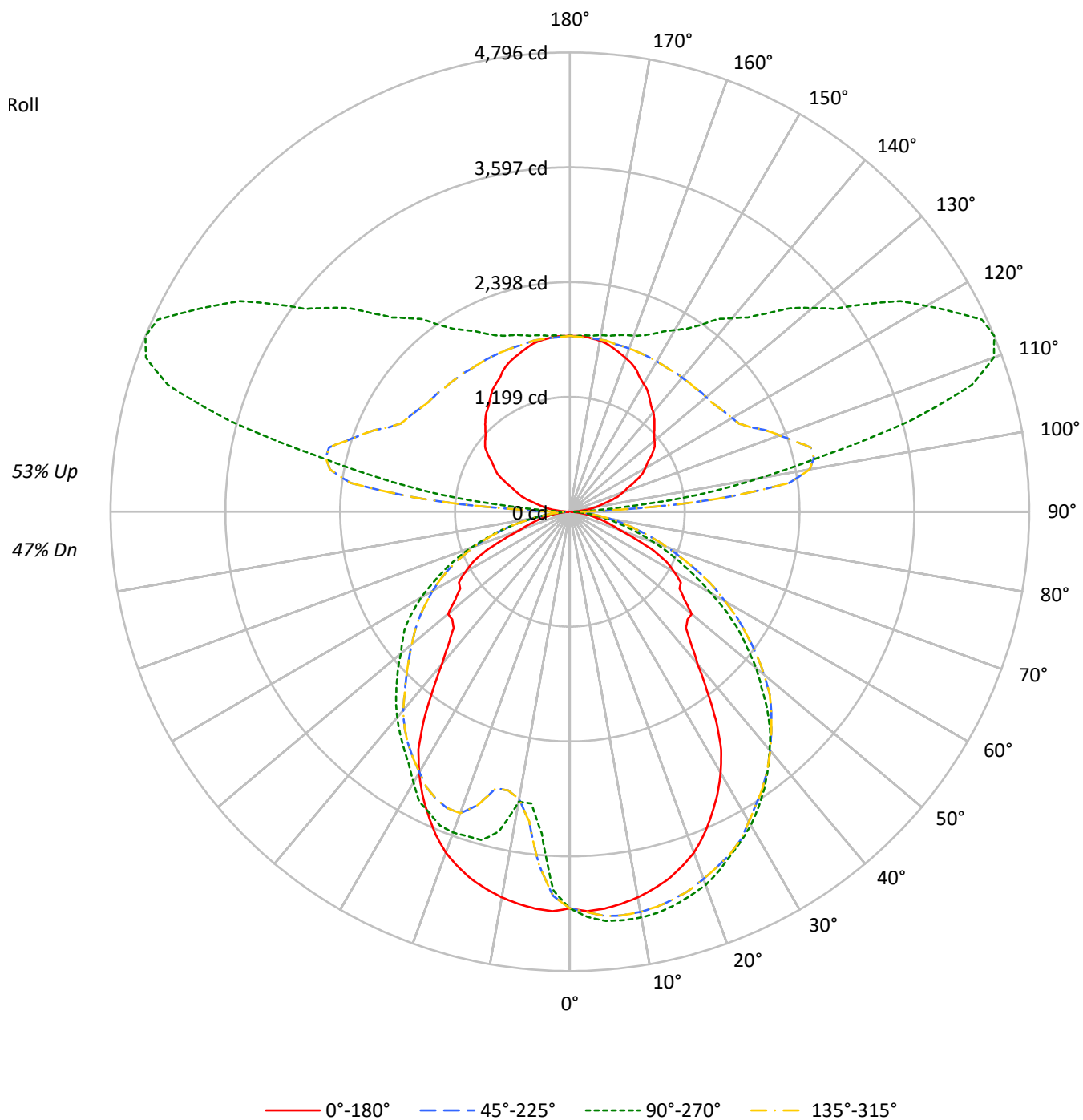
Lumens per Lamp: N/A
Luminaire Lumens: 22647.9 lumens
Efficiency: N/A
Efficacy: 130.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 174
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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12803	12803	12803	12803
5°	12904	12924	12904	10162
10°	12822	12731	12822	9102
15°	12688	12455	12688	10400
20°	12427	12129	12427	10422
25°	11889	11652	11889	10201
30°	11192	11256	11192	9717
35°	9982	10756	9982	9183
40°	8323	10167	8323	8781
45°	7441	9477	7441	8318
50°	7911	8655	7911	7853
55°	7450	7768	7450	7584
60°	7690	6598	7690	6947
65°	6983	5454	6983	6097
70°	4847	4346	4847	5110
75°	4266	3213	4266	3848
80°	3463	2124	3463	2312
85°	2028	1125	2028	957

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.6	1.6
10°-20°	1060.9	4.7
20°-30°	1640.0	7.2
30°-40°	1957.8	8.6
40°-50°	1969.2	8.7
50°-60°	1713.5	7.6
60°-70°	1214.9	5.4
70°-80°	642.7	2.8
80°-90°	167.1	0.7
90°-100°	895.4	4.0
100°-110°	2354.1	10.4
110°-120°	2441.0	10.8
120°-130°	1958.0	8.6
130°-140°	1536.3	6.8
140°-150°	1179.2	5.2
150°-160°	849.2	3.7
160°-170°	519.6	2.3
170°-180°	175.5	0.8
0°-30°	3074.5	13.6
0°-40°	5032.3	22.2
0°-60°	8715.0	38.5
0°-90°	10739.6	47.4
90°-120°	5690.5	25.1
90°-150°	10364.0	45.8
90°-180°	11908.0	52.6
0°-180°	22647.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4139	4139	4139	4139	4139	
5°	4159	4288	4159	3372	4159	395
15°	3971	4249	3971	3548	3971	1117
25°	3497	3963	3497	3470	3497	1606
35°	2659	3536	2659	3019	2659	1645
45°	1715	2914	1715	2557	1715	1374
55°	1398	2150	1398	2099	1398	1285
65°	971	1296	971	1449	971	928
75°	368	615	368	736	368	387
85°	63	157	63	133	63	85
90°	12	47	12	47	12	13
95°	118	541	118	541	118	131
105°	424	3686	424	3686	424	450
115°	753	4746	753	4746	753	744
125°	1048	3780	1048	3780	1048	930
135°	1249	2933	1249	2933	1249	966
145°	1449	2379	1449	2379	1449	908
155°	1637	2049	1637	2049	1637	752
165°	1767	1908	1767	1908	1767	499
175°	1837	1849	1837	1849	1837	174
180°	1837	1837	1837	1837	1837	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4174.6	4174.6	4198.1	4205.9	4205.9	4194.2	4182.4	4194.2	4229.4	4241.2	4237.2
5°	4159.0	4190.3	4233.4	4241.2	4249.0	4245.1	4237.2	4245.1	4284.3	4292.1	4296.0
7.5°	4127.6	4186.4	4241.2	4252.9	4264.7	4252.9	4249.0	4256.9	4296.0	4303.8	4303.8
10°	4088.4	4170.7	4233.4	4241.2	4252.9	4241.2	4241.2	4256.9	4296.0	4303.8	4307.8
12.5°	4033.6	4147.2	4205.9	4213.8	4229.4	4225.5	4221.6	4237.2	4276.5	4284.3	4284.3
15°	3971.0	4104.2	4159.0	4166.8	4194.2	4186.4	4186.4	4202.1	4245.1	4256.9	4252.9
17.5°	3884.8	4049.3	4112.0	4123.7	4143.3	4139.3	4143.3	4159.0	4198.1	4205.9	4209.9
20°	3786.9	3974.9	4049.3	4061.1	4080.6	4080.6	4080.6	4100.2	4139.3	4155.0	4155.0
22.5°	3653.7	3896.6	3974.9	3982.7	4006.2	4006.2	4014.0	4041.4	4076.7	4080.6	4080.6
25°	3497.1	3810.4	3877.0	3900.5	3923.9	3935.7	3947.5	3963.2	3974.9	3971.0	3974.9
27.5°	3332.6	3700.8	3786.9	3802.6	3833.9	3845.7	3861.3	3865.3	3869.1	3880.9	3873.1
30°	3148.6	3548.0	3677.2	3692.9	3743.8	3751.6	3736.0	3743.8	3763.4	3771.3	3779.1
32.5°	2941.0	3320.9	3563.7	3598.9	3645.9	3622.4	3618.6	3630.3	3661.6	3661.6	3669.4
35°	2659.1	3144.7	3458.0	3489.3	3524.5	3497.1	3512.7	3516.7	3536.2	3548.0	3544.2
37.5°	2349.7	2992.0	3348.3	3371.8	3399.2	3363.9	3387.5	3399.2	3414.9	3407.0	3407.0
40°	2075.6	2753.1	3219.1	3234.7	3258.2	3230.9	3254.3	3262.2	3270.0	3262.2	3258.2
42.5°	1872.0	2490.6	3082.0	3101.6	3085.9	3105.5	3113.3	3129.0	3117.2	3101.6	3101.6
45°	1715.3	2420.2	2933.2	2956.7	2933.2	2964.5	2976.3	2976.3	2941.0	2933.2	2929.3
47.5°	1664.4	2279.2	2784.4	2784.4	2772.6	2811.7	2831.4	2803.9	2768.7	2757.0	2757.0
50°	1660.4	2122.5	2580.8	2565.0	2619.9	2666.9	2647.3	2619.9	2592.5	2549.4	2549.4
52.5°	1507.7	1930.7	2318.3	2377.1	2463.3	2490.6	2459.3	2432.0	2384.9	2365.4	2349.7
55°	1398.0	1731.0	2079.4	2196.9	2287.0	2322.3	2263.5	2236.1	2165.6	2153.8	2146.0
57.5°	1374.6	1441.1	1860.2	2009.0	2118.7	2114.7	2079.4	2028.6	1969.8	1958.1	1954.2
60°	1261.0	1041.6	1625.2	1801.4	1915.0	1903.3	1872.0	1824.9	1770.1	1762.3	1754.4
62.5°	1143.5	755.8	1358.9	1558.7	1719.2	1715.3	1687.9	1617.4	1578.2	1558.7	1543.0
65°	971.2	634.4	967.3	1296.3	1527.3	1535.2	1476.4	1425.5	1382.4	1358.9	1354.9
67.5°	740.1	516.9	654.0	1080.9	1343.3	1335.4	1261.0	1237.5	1182.6	1170.9	1147.5
70°	548.2	344.6	454.3	877.2	1163.1	1143.5	1084.7	1057.4	1006.5	979.0	963.4
72.5°	454.3	278.0	332.9	681.4	979.0	955.5	904.6	873.3	830.2	806.7	791.1
75°	368.1	293.7	254.5	505.2	794.9	779.3	732.3	701.0	665.7	634.4	638.3
77.5°	270.2	274.2	203.6	372.1	630.5	607.0	579.6	540.4	524.7	493.4	493.4
80°	203.6	215.4	152.7	254.5	454.3	454.3	430.8	403.4	375.9	360.3	360.3
82.5°	137.0	137.0	113.5	160.6	309.3	297.6	282.0	274.2	258.5	250.7	250.7
85°	62.6	78.3	70.4	97.9	168.4	176.3	176.3	168.4	164.5	156.6	160.6
87.5°	19.6	35.3	43.1	54.8	86.2	90.1	94.0	94.0	94.0	97.9	97.9
90°	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4	46.8	46.8
92.5°	49.3	133.1	217.0	237.9	334.5	463.3	527.7	462.5	332.1	234.3	225.0
95°	118.4	271.8	425.2	463.6	823.1	1302.6	1542.3	1376.3	1044.2	795.1	766.9
97.5°	204.6	340.0	475.3	509.2	1108.7	1908.1	2307.9	2202.9	1993.1	1835.7	1782.1
100°	271.2	393.9	516.6	547.4	1212.7	2099.8	2543.4	2551.1	2566.4	2577.9	2514.0
102.5°	327.9	442.4	556.9	585.6	1260.4	2160.2	2610.0	2743.7	3011.0	3211.6	3156.8
105°	424.1	521.1	618.1	642.3	1295.8	2167.0	2602.6	2902.3	3501.8	3951.3	3921.9
107.5°	522.8	613.2	703.6	726.2	1302.3	2070.5	2454.6	2872.7	3708.9	4335.9	4343.1
110°	589.3	671.0	752.6	773.0	1292.4	1985.0	2331.3	2798.7	3733.5	4434.5	4465.3

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	654.6	732.5	810.3	829.7	1292.9	1910.4	2219.1	2697.5	3654.2	4371.7	4418.8
115°	753.3	825.1	896.8	914.8	1304.8	1824.7	2084.8	2545.6	3467.2	4158.4	4223.7
117.5°	850.7	915.9	981.1	997.4	1329.1	1771.2	1992.3	2408.2	3239.9	3863.8	3936.2
120°	907.4	968.7	1030.2	1045.5	1348.8	1753.2	1955.4	2335.3	3095.3	3665.3	3735.7
122.5°	962.9	1024.9	1086.7	1102.2	1377.2	1743.7	1927.0	2269.1	2953.5	3466.8	3536.2
125°	1048.0	1104.4	1160.8	1174.9	1415.3	1735.9	1896.2	2186.8	2768.2	3204.2	3268.1
127.5°	1116.9	1173.9	1230.9	1245.2	1453.5	1731.4	1870.3	2119.9	2619.0	2993.3	3047.3
130°	1154.0	1215.3	1276.7	1292.0	1481.5	1734.1	1860.4	2082.6	2527.0	2860.3	2910.2
132.5°	1192.2	1253.6	1314.9	1330.2	1504.0	1735.8	1851.7	2050.6	2448.5	2746.8	2791.5
135°	1248.9	1304.8	1360.7	1374.6	1528.7	1734.2	1837.0	2003.6	2336.6	2586.5	2625.0
137.5°	1306.8	1362.2	1417.5	1431.3	1565.7	1744.9	1834.5	1975.3	2257.0	2468.2	2499.7
140°	1354.9	1405.9	1456.8	1469.6	1588.3	1746.7	1825.8	1947.4	2190.8	2373.3	2402.7
142.5°	1391.9	1439.0	1486.1	1497.9	1607.2	1752.9	1825.8	1932.7	2146.4	2306.7	2332.0
145°	1448.6	1489.7	1530.8	1541.1	1631.9	1753.0	1813.6	1900.9	2075.7	2206.8	2226.0
147.5°	1505.3	1545.3	1585.3	1595.3	1668.0	1765.1	1813.6	1882.3	2019.9	2123.0	2138.9
150°	1542.3	1578.4	1614.6	1623.7	1687.0	1771.4	1813.6	1871.7	1987.8	2074.9	2087.7
152.5°	1580.5	1607.9	1635.3	1642.2	1699.3	1775.4	1813.6	1863.2	1962.3	2036.7	2046.3
155°	1637.2	1657.5	1677.8	1682.9	1726.4	1784.5	1813.6	1853.0	1931.8	1991.0	1997.4
157.5°	1679.1	1698.9	1718.6	1723.6	1753.6	1793.6	1813.6	1844.2	1905.6	1951.6	1956.1
160°	1707.5	1722.9	1738.2	1742.0	1765.9	1797.7	1813.6	1839.9	1892.4	1931.8	1934.4
162.5°	1735.8	1747.3	1758.8	1761.7	1779.0	1802.0	1813.6	1835.7	1880.1	1913.4	1915.8
165°	1766.6	1777.0	1787.5	1790.1	1797.9	1808.3	1813.6	1829.5	1861.2	1885.0	1887.6
167.5°	1795.0	1799.9	1804.9	1806.2	1812.7	1821.5	1825.8	1836.3	1857.1	1872.8	1873.8
170°	1813.6	1818.5	1823.5	1824.6	1825.0	1825.5	1825.8	1836.3	1857.1	1872.8	1872.8
172.5°	1823.4	1824.4	1825.5	1825.8	1825.8	1825.8	1825.8	1834.0	1850.5	1862.9	1861.9
175°	1837.0	1837.0	1837.0	1837.0	1833.2	1828.3	1825.8	1831.1	1841.4	1849.2	1849.2
177.5°	1837.0	1837.0	1837.0	1837.0	1834.1	1830.3	1828.3	1832.4	1840.6	1846.8	1845.7
180°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4245.1	4233.4	4245.1	4237.2	4241.2	4229.4	4194.2	4182.4	4194.2	4205.9	4205.9
5°	4296.0	4288.2	4296.0	4296.0	4292.1	4284.3	4245.1	4237.2	4245.1	4249.0	4241.2
7.5°	4311.6	4300.0	4311.6	4303.8	4303.8	4296.0	4256.9	4249.0	4252.9	4264.7	4252.9
10°	4311.6	4300.0	4311.6	4307.8	4303.8	4296.0	4256.9	4241.2	4241.2	4252.9	4241.2
12.5°	4292.1	4284.3	4292.1	4284.3	4284.3	4276.5	4237.2	4221.6	4225.5	4229.4	4213.8
15°	4260.8	4249.0	4260.8	4252.9	4256.9	4245.1	4202.1	4186.4	4186.4	4194.2	4166.8
17.5°	4213.8	4198.1	4213.8	4209.9	4205.9	4198.1	4159.0	4143.3	4139.3	4143.3	4123.7
20°	4159.0	4147.2	4159.0	4155.0	4155.0	4139.3	4100.2	4080.6	4080.6	4080.6	4061.1
22.5°	4072.8	4061.1	4072.8	4080.6	4080.6	4076.7	4041.4	4014.0	4006.2	4006.2	3982.7
25°	3974.9	3963.2	3974.9	3974.9	3971.0	3974.9	3963.2	3947.5	3935.7	3923.9	3900.5
27.5°	3880.9	3873.1	3880.9	3873.1	3880.9	3869.1	3865.3	3861.3	3845.7	3833.9	3802.6
30°	3786.9	3779.1	3786.9	3779.1	3771.3	3763.4	3743.8	3736.0	3751.6	3743.8	3692.9
32.5°	3669.4	3661.6	3669.4	3669.4	3661.6	3661.6	3630.3	3618.6	3622.4	3645.9	3598.9
35°	3548.0	3536.2	3548.0	3544.2	3548.0	3536.2	3516.7	3512.7	3497.1	3524.5	3489.3
37.5°	3407.0	3395.3	3407.0	3407.0	3407.0	3414.9	3399.2	3387.5	3363.9	3399.2	3371.8
40°	3262.2	3246.5	3262.2	3258.2	3262.2	3270.0	3262.2	3254.3	3230.9	3258.2	3234.7
42.5°	3097.7	3093.7	3097.7	3101.6	3101.6	3117.2	3129.0	3113.3	3105.5	3085.9	3101.6
45°	2921.4	2913.6	2921.4	2929.3	2933.2	2941.0	2976.3	2976.3	2964.5	2933.2	2956.7
47.5°	2733.5	2713.9	2733.5	2757.0	2757.0	2768.7	2803.9	2831.4	2811.7	2772.6	2784.4
50°	2533.7	2537.7	2533.7	2549.4	2549.4	2592.5	2619.9	2647.3	2666.9	2619.9	2565.0
52.5°	2337.9	2334.1	2337.9	2349.7	2365.4	2384.9	2432.0	2459.3	2490.6	2463.3	2377.1
55°	2142.1	2150.0	2142.1	2146.0	2153.8	2165.6	2236.1	2263.5	2322.3	2287.0	2196.9
57.5°	1946.4	1934.6	1946.4	1954.2	1958.1	1969.8	2028.6	2079.4	2114.7	2118.7	2009.0
60°	1719.2	1703.5	1719.2	1754.4	1762.3	1770.1	1824.9	1872.0	1903.3	1915.0	1801.4
62.5°	1519.4	1492.1	1519.4	1543.0	1558.7	1578.2	1617.4	1687.9	1715.3	1719.2	1558.7
65°	1308.0	1296.3	1308.0	1354.9	1358.9	1382.4	1425.5	1476.4	1535.2	1527.3	1296.3
67.5°	1116.1	1116.1	1116.1	1147.5	1170.9	1182.6	1237.5	1261.0	1335.4	1343.3	1080.9
70°	939.9	935.9	939.9	963.4	979.0	1006.5	1057.4	1084.7	1143.5	1163.1	877.2
72.5°	771.5	767.6	771.5	791.1	806.7	830.2	873.3	904.6	955.5	979.0	681.4
75°	622.6	614.8	622.6	638.3	634.4	665.7	701.0	732.3	779.3	794.9	505.2
77.5°	477.8	477.8	477.8	493.4	493.4	524.7	540.4	579.6	607.0	630.5	372.1
80°	356.4	352.4	356.4	360.3	360.3	375.9	403.4	430.8	454.3	454.3	254.5
82.5°	250.7	242.8	250.7	250.7	250.7	258.5	274.2	282.0	297.6	309.3	160.6
85°	156.6	156.6	156.6	160.6	156.6	164.5	168.4	176.3	176.3	168.4	97.9
87.5°	101.9	97.9	101.9	97.9	97.9	94.0	94.0	94.0	90.1	86.2	54.8
90°	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5	54.2	34.5
92.5°	187.6	150.4	187.6	225.0	234.3	332.1	462.5	527.7	463.3	334.5	237.9
95°	654.1	541.2	654.1	766.9	795.1	1044.2	1376.3	1542.3	1302.6	823.1	463.6
97.5°	1567.3	1352.5	1567.3	1782.1	1835.7	1993.1	2202.9	2307.9	1908.1	1108.7	509.2
100°	2258.1	2002.2	2258.1	2514.0	2577.9	2566.4	2551.1	2543.4	2099.8	1212.7	547.4
102.5°	2937.6	2718.5	2937.6	3156.8	3211.6	3011.0	2743.7	2610.0	2160.2	1260.4	585.6
105°	3804.0	3686.2	3804.0	3921.9	3951.3	3501.8	2902.3	2602.6	2167.0	1295.8	642.3
107.5°	4371.6	4400.1	4371.6	4343.1	4335.9	3708.9	2872.7	2454.6	2070.5	1302.3	726.2
110°	4588.0	4710.8	4588.0	4465.3	4434.5	3733.5	2798.7	2331.3	1985.0	1292.4	773.0

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4607.3	4795.9	4607.3	4418.8	4371.7	3654.2	2697.5	2219.1	1910.4	1292.9	829.7
115°	4485.1	4746.5	4485.1	4223.7	4158.4	3467.2	2545.6	2084.8	1824.7	1304.8	914.8
117.5°	4226.1	4516.0	4226.1	3936.2	3863.8	3239.9	2408.2	1992.3	1771.2	1329.1	997.4
120°	4017.3	4299.0	4017.3	3735.7	3665.3	3095.3	2335.3	1955.4	1753.2	1348.8	1045.5
122.5°	3814.0	4091.8	3814.0	3536.2	3466.8	2953.5	2269.1	1927.0	1743.7	1377.2	1102.2
125°	3524.0	3779.9	3524.0	3268.1	3204.2	2768.2	2186.8	1896.2	1735.9	1415.3	1174.9
127.5°	3263.3	3479.1	3263.3	3047.3	2993.3	2619.0	2119.9	1870.3	1731.4	1453.5	1245.2
130°	3109.5	3309.0	3109.5	2910.2	2860.3	2527.0	2082.6	1860.4	1734.1	1481.5	1292.0
132.5°	2970.1	3148.8	2970.1	2791.5	2746.8	2448.5	2050.6	1851.7	1735.8	1504.0	1330.2
135°	2778.9	2933.0	2778.9	2625.0	2586.5	2336.6	2003.6	1837.0	1734.2	1528.7	1374.6
137.5°	2625.7	2751.8	2625.7	2499.7	2468.2	2257.0	1975.3	1834.5	1744.9	1565.7	1431.3
140°	2520.6	2638.4	2520.6	2402.7	2373.3	2190.8	1947.4	1825.8	1746.7	1588.3	1469.6
142.5°	2433.3	2534.7	2433.3	2332.0	2306.7	2146.4	1932.7	1825.8	1752.9	1607.2	1497.9
145°	2302.7	2379.4	2302.7	2226.0	2206.8	2075.7	1900.9	1813.6	1753.0	1631.9	1541.1
147.5°	2202.4	2266.0	2202.4	2138.9	2123.0	2019.9	1882.3	1813.6	1765.1	1668.0	1595.3
150°	2139.3	2190.8	2139.3	2087.7	2074.9	1987.8	1871.7	1813.6	1771.4	1687.0	1623.7
152.5°	2085.3	2124.2	2085.3	2046.3	2036.7	1962.3	1863.2	1813.6	1775.4	1699.3	1642.2
155°	2023.2	2049.0	2023.2	1997.4	1991.0	1931.8	1853.0	1813.6	1784.5	1726.4	1682.9
157.5°	1974.2	1992.3	1974.2	1956.1	1951.6	1905.6	1844.2	1813.6	1793.6	1753.6	1723.6
160°	1944.9	1955.4	1944.9	1934.4	1931.8	1892.4	1839.9	1813.6	1797.7	1765.9	1742.0
162.5°	1925.7	1935.6	1925.7	1915.8	1913.4	1880.1	1835.7	1813.6	1802.0	1779.0	1761.7
165°	1898.0	1908.4	1898.0	1887.6	1885.0	1861.2	1829.5	1813.6	1808.3	1797.9	1790.1
167.5°	1878.2	1882.5	1878.2	1873.8	1872.8	1857.1	1836.3	1825.8	1821.5	1812.7	1806.2
170°	1872.8	1872.8	1872.8	1872.8	1872.8	1857.1	1836.3	1825.8	1825.5	1825.0	1824.6
172.5°	1858.0	1854.2	1858.0	1861.9	1862.9	1850.5	1834.0	1825.8	1825.8	1825.8	1825.8
175°	1849.2	1849.2	1849.2	1849.2	1849.2	1841.4	1831.1	1825.8	1828.3	1833.2	1837.0
177.5°	1841.3	1837.0	1841.3	1845.7	1846.8	1840.6	1832.4	1828.3	1830.3	1834.1	1837.0
180°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4198.1	4174.6	4174.6	4135.5	4119.8	4108.0	4088.4	4029.8	4014.0	3998.3	4021.9
5°	4233.4	4190.3	4159.0	4088.4	4029.8	4006.2	3931.8	3790.9	3696.8	3626.4	3587.2
7.5°	4241.2	4186.4	4127.6	4018.0	3877.0	3814.4	3587.2	3328.8	3258.2	3195.6	3156.4
10°	4233.4	4170.7	4088.4	3923.9	3591.1	3481.4	3254.3	3085.9	3042.8	3031.1	3042.8
12.5°	4205.9	4147.2	4033.6	3759.5	3293.5	3219.1	3085.9	2988.0	2980.2	2999.8	3105.5
15°	4159.0	4104.2	3971.0	3540.2	3129.0	3074.2	2980.2	2944.9	2988.0	3125.0	3442.3
17.5°	4112.0	4049.3	3884.8	3324.8	3003.7	2964.5	2897.9	2968.4	3211.2	3395.3	3501.1
20°	4049.3	3974.9	3786.9	3168.1	2913.6	2878.3	2847.0	3164.3	3348.3	3414.9	3473.6
22.5°	3974.9	3896.6	3653.7	3058.6	2819.7	2792.2	2811.7	3273.9	3348.3	3395.3	3446.2
25°	3877.0	3810.4	3497.1	2972.4	2745.3	2713.9	2788.3	3262.2	3305.3	3317.0	3418.8
27.5°	3786.9	3700.8	3332.6	2894.0	2655.2	2643.4	2807.9	3211.2	3242.6	3254.3	3363.9
30°	3677.2	3548.0	3148.6	2811.7	2561.2	2557.2	2811.7	3148.6	3140.8	3172.1	3281.7
32.5°	3563.7	3320.9	2941.0	2710.0	2471.1	2467.1	2784.4	3054.6	3046.8	3089.9	3172.1
35°	3458.0	3144.7	2659.1	2592.5	2357.6	2361.4	2717.8	2944.9	2948.9	2988.0	3038.9
37.5°	3348.3	2992.0	2349.7	2463.3	2247.9	2247.9	2627.7	2843.2	2835.3	2847.0	2917.6
40°	3219.1	2753.1	2075.6	2294.8	2146.0	2134.3	2518.1	2733.5	2706.0	2702.2	2800.1
42.5°	3082.0	2490.6	1872.0	2071.6	2028.6	2012.9	2384.9	2600.3	2549.4	2561.2	2686.5
45°	2933.2	2420.2	1715.3	1750.5	1907.1	1895.4	2240.0	2447.6	2412.3	2443.7	2572.9
47.5°	2784.4	2279.2	1664.4	1452.9	1777.9	1774.1	2079.4	2298.8	2279.2	2310.5	2447.6
50°	2580.8	2122.5	1660.4	1245.4	1633.1	1648.7	1887.6	2153.8	2153.8	2181.3	2326.1
52.5°	2318.3	1930.7	1507.7	1127.8	1464.6	1511.6	1719.2	2028.6	2036.4	2063.8	2193.1
55°	2079.4	1731.0	1398.0	1037.8	1264.9	1366.7	1554.7	1899.3	1915.0	1942.4	2059.9
57.5°	1860.2	1441.1	1374.6	932.1	1080.9	1178.8	1409.8	1774.1	1781.9	1805.4	1918.9
60°	1625.2	1041.6	1261.0	818.5	920.3	994.7	1276.7	1625.2	1652.6	1668.2	1766.1
62.5°	1358.9	755.8	1143.5	740.1	842.0	857.7	1167.0	1484.2	1519.4	1531.2	1590.0
65°	967.3	634.4	971.2	673.6	759.8	763.6	1049.6	1339.3	1370.7	1390.2	1433.3
67.5°	654.0	516.9	740.1	610.9	697.0	701.0	935.9	1170.9	1214.0	1229.7	1257.1
70°	454.3	344.6	548.2	544.4	626.6	634.4	814.6	1018.2	1057.4	1069.1	1084.7
72.5°	332.9	278.0	454.3	489.6	552.2	560.0	689.2	845.9	885.1	896.8	904.6
75°	254.5	293.7	368.1	426.8	469.9	473.8	564.0	689.2	716.7	724.5	728.4
77.5°	203.6	274.2	270.2	344.6	383.7	375.9	442.5	532.6	556.0	556.0	556.0
80°	152.7	215.4	203.6	246.7	282.0	274.2	317.2	379.9	387.7	395.5	391.6
82.5°	113.5	137.0	137.0	156.6	188.0	180.1	211.4	246.7	246.7	246.7	254.5
85°	70.4	78.3	62.6	82.2	105.7	101.9	117.5	133.2	137.0	137.0	129.2
87.5°	43.1	35.3	19.6	31.3	47.0	47.0	54.8	58.8	54.8	54.8	54.8
90°	32.0	22.2	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4
92.5°	217.0	133.1	49.3	133.1	217.0	237.9	334.5	463.3	527.7	462.5	332.1
95°	425.2	271.8	118.4	271.8	425.2	463.6	823.1	1302.6	1542.3	1376.3	1044.2
97.5°	475.3	340.0	204.6	340.0	475.3	509.2	1108.7	1908.1	2307.9	2202.9	1993.1
100°	516.6	393.9	271.2	393.9	516.6	547.4	1212.7	2099.8	2543.4	2551.1	2566.4
102.5°	556.9	442.4	327.9	442.4	556.9	585.6	1260.4	2160.2	2610.0	2743.7	3011.0
105°	618.1	521.1	424.1	521.1	618.1	642.3	1295.8	2167.0	2602.6	2902.3	3501.8
107.5°	703.6	613.2	522.8	613.2	703.6	726.2	1302.3	2070.5	2454.6	2872.7	3708.9
110°	752.6	671.0	589.3	671.0	752.6	773.0	1292.4	1985.0	2331.3	2798.7	3733.5

TEST NUMBER: P935217

CATALOG NUMBER: SQ4-FA-100U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	810.3	732.5	654.6	732.5	810.3	829.7	1292.9	1910.4	2219.1	2697.5	3654.2
115°	896.8	825.1	753.3	825.1	896.8	914.8	1304.8	1824.7	2084.8	2545.6	3467.2
117.5°	981.1	915.9	850.7	915.9	981.1	997.4	1329.1	1771.2	1992.3	2408.2	3239.9
120°	1030.2	968.7	907.4	968.7	1030.2	1045.5	1348.8	1753.2	1955.4	2335.3	3095.3
122.5°	1086.7	1024.9	962.9	1024.9	1086.7	1102.2	1377.2	1743.7	1927.0	2269.1	2953.5
125°	1160.8	1104.4	1048.0	1104.4	1160.8	1174.9	1415.3	1735.9	1896.2	2186.8	2768.2
127.5°	1230.9	1173.9	1116.9	1173.9	1230.9	1245.2	1453.5	1731.4	1870.3	2119.9	2619.0
130°	1276.7	1215.3	1154.0	1215.3	1276.7	1292.0	1481.5	1734.1	1860.4	2082.6	2527.0
132.5°	1314.9	1253.6	1192.2	1253.6	1314.9	1330.2	1504.0	1735.8	1851.7	2050.6	2448.5
135°	1360.7	1304.8	1248.9	1304.8	1360.7	1374.6	1528.7	1734.2	1837.0	2003.6	2336.6
137.5°	1417.5	1362.2	1306.8	1362.2	1417.5	1431.3	1565.7	1744.9	1834.5	1975.3	2257.0
140°	1456.8	1405.9	1354.9	1405.9	1456.8	1469.6	1588.3	1746.7	1825.8	1947.4	2190.8
142.5°	1486.1	1439.0	1391.9	1439.0	1486.1	1497.9	1607.2	1752.9	1825.8	1932.7	2146.4
145°	1530.8	1489.7	1448.6	1489.7	1530.8	1541.1	1631.9	1753.0	1813.6	1900.9	2075.7
147.5°	1585.3	1545.3	1505.3	1545.3	1585.3	1595.3	1668.0	1765.1	1813.6	1882.3	2019.9
150°	1614.6	1578.4	1542.3	1578.4	1614.6	1623.7	1687.0	1771.4	1813.6	1871.7	1987.8
152.5°	1635.3	1607.9	1580.5	1607.9	1635.3	1642.2	1699.3	1775.4	1813.6	1863.2	1962.3
155°	1677.8	1657.5	1637.2	1657.5	1677.8	1682.9	1726.4	1784.5	1813.6	1853.0	1931.8
157.5°	1718.6	1698.9	1679.1	1698.9	1718.6	1723.6	1753.6	1793.6	1813.6	1844.2	1905.6
160°	1738.2	1722.9	1707.5	1722.9	1738.2	1742.0	1765.9	1797.7	1813.6	1839.9	1892.4
162.5°	1758.8	1747.3	1735.8	1747.3	1758.8	1761.7	1779.0	1802.0	1813.6	1835.7	1880.1
165°	1787.5	1777.0	1766.6	1777.0	1787.5	1790.1	1797.9	1808.3	1813.6	1829.5	1861.2
167.5°	1804.9	1799.9	1795.0	1799.9	1804.9	1806.2	1812.7	1821.5	1825.8	1836.3	1857.1
170°	1823.5	1818.5	1813.6	1818.5	1823.5	1824.6	1825.0	1825.5	1825.8	1836.3	1857.1
172.5°	1825.5	1824.4	1823.4	1824.4	1825.5	1825.8	1825.8	1825.8	1825.8	1834.0	1850.5
175°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1833.2	1828.3	1825.8	1831.1	1841.4
177.5°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1834.1	1830.3	1828.3	1832.4	1840.6
180°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0

TEST NUMBER: P935217

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	3994.5	3982.7	3998.3	3955.3	3998.3	3982.7	3994.5	4021.9	3998.3	4014.0	4029.8
5°	3504.9	3485.4	3422.7	3371.8	3422.7	3485.4	3504.9	3587.2	3626.4	3696.8	3790.9
7.5°	3132.9	3117.2	3101.6	3070.2	3101.6	3117.2	3132.9	3156.4	3195.6	3258.2	3328.8
10°	3050.6	3054.6	3078.1	3074.2	3078.1	3054.6	3050.6	3042.8	3031.1	3042.8	3085.9
12.5°	3262.2	3297.4	3426.6	3418.8	3426.6	3297.4	3262.2	3105.5	2999.8	2980.2	2988.0
15°	3504.9	3516.7	3544.2	3548.0	3544.2	3516.7	3504.9	3442.3	3125.0	2988.0	2944.9
17.5°	3528.4	3532.4	3552.0	3552.0	3552.0	3532.4	3528.4	3501.1	3395.3	3211.2	2968.4
20°	3508.9	3516.7	3555.8	3563.7	3555.8	3516.7	3508.9	3473.6	3414.9	3348.3	3164.3
22.5°	3501.1	3516.7	3548.0	3544.2	3548.0	3516.7	3501.1	3446.2	3395.3	3348.3	3273.9
25°	3461.9	3461.9	3465.8	3469.7	3465.8	3461.9	3461.9	3418.8	3317.0	3305.3	3262.2
27.5°	3379.7	3387.5	3411.0	3407.0	3411.0	3387.5	3379.7	3363.9	3254.3	3242.6	3211.2
30°	3305.3	3297.4	3277.8	3262.2	3277.8	3297.4	3305.3	3281.7	3172.1	3140.8	3148.6
32.5°	3179.9	3160.3	3140.8	3129.0	3140.8	3160.3	3179.9	3172.1	3089.9	3046.8	3054.6
35°	3031.1	3035.0	3031.1	3019.3	3031.1	3035.0	3031.1	3038.9	2988.0	2948.9	2944.9
37.5°	2925.4	2933.2	2929.3	2913.6	2929.3	2933.2	2925.4	2917.6	2847.0	2835.3	2843.2
40°	2815.7	2819.7	2815.7	2803.9	2815.7	2819.7	2815.7	2800.1	2702.2	2706.0	2733.5
42.5°	2710.0	2706.0	2694.3	2686.5	2694.3	2706.0	2710.0	2686.5	2561.2	2549.4	2600.3
45°	2588.6	2592.5	2569.0	2557.2	2569.0	2592.5	2588.6	2572.9	2443.7	2412.3	2447.6
47.5°	2467.1	2467.1	2447.6	2435.8	2447.6	2467.1	2467.1	2447.6	2310.5	2279.2	2298.8
50°	2337.9	2334.1	2306.6	2302.7	2306.6	2334.1	2337.9	2326.1	2181.3	2153.8	2153.8
52.5°	2189.1	2189.1	2193.1	2200.9	2193.1	2189.1	2189.1	2193.1	2063.8	2036.4	2028.6
55°	2059.9	2063.8	2091.2	2099.0	2091.2	2063.8	2059.9	2059.9	1942.4	1915.0	1899.3
57.5°	1926.7	1926.7	1946.4	1946.4	1946.4	1926.7	1926.7	1918.9	1805.4	1781.9	1774.1
60°	1774.1	1781.9	1797.5	1793.6	1797.5	1781.9	1774.1	1766.1	1668.2	1652.6	1625.2
62.5°	1613.4	1621.3	1625.2	1617.4	1625.2	1621.3	1613.4	1590.0	1531.2	1519.4	1484.2
65°	1445.0	1452.9	1456.8	1449.0	1456.8	1452.9	1445.0	1433.3	1390.2	1370.7	1339.3
67.5°	1272.7	1268.8	1264.9	1280.5	1264.9	1268.8	1272.7	1257.1	1229.7	1214.0	1170.9
70°	1096.5	1096.5	1092.6	1100.4	1092.6	1096.5	1096.5	1084.7	1069.1	1057.4	1018.2
72.5°	908.6	904.6	920.3	908.6	920.3	904.6	908.6	904.6	896.8	885.1	845.9
75°	724.5	732.3	724.5	736.3	724.5	732.3	724.5	728.4	724.5	716.7	689.2
77.5°	552.2	560.0	552.2	552.2	552.2	560.0	552.2	556.0	556.0	556.0	532.6
80°	391.6	387.7	387.7	383.7	387.7	387.7	391.6	391.6	395.5	387.7	379.9
82.5°	250.7	246.7	246.7	254.5	246.7	246.7	250.7	254.5	246.7	246.7	246.7
85°	137.0	141.0	133.2	133.2	133.2	141.0	137.0	129.2	137.0	137.0	133.2
87.5°	50.9	47.0	47.0	47.0	47.0	47.0	50.9	54.8	54.8	54.8	58.8
90°	46.8	46.8	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5
92.5°	234.3	225.0	187.6	150.4	187.6	225.0	234.3	332.1	462.5	527.7	463.3
95°	795.1	766.9	654.1	541.2	654.1	766.9	795.1	1044.2	1376.3	1542.3	1302.6
97.5°	1835.7	1782.1	1567.3	1352.5	1567.3	1782.1	1835.7	1993.1	2202.9	2307.9	1908.1
100°	2577.9	2514.0	2258.1	2002.2	2258.1	2514.0	2577.9	2566.4	2551.1	2543.4	2099.8
102.5°	3211.6	3156.8	2937.6	2718.5	2937.6	3156.8	3211.6	3011.0	2743.7	2610.0	2160.2
105°	3951.3	3921.9	3804.0	3686.2	3804.0	3921.9	3951.3	3501.8	2902.3	2602.6	2167.0
107.5°	4335.9	4343.1	4371.6	4400.1	4371.6	4343.1	4335.9	3708.9	2872.7	2454.6	2070.5
110°	4434.5	4465.3	4588.0	4710.8	4588.0	4465.3	4434.5	3733.5	2798.7	2331.3	1985.0

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4371.7	4418.8	4607.3	4795.9	4607.3	4418.8	4371.7	3654.2	2697.5	2219.1	1910.4
115°	4158.4	4223.7	4485.1	4746.5	4485.1	4223.7	4158.4	3467.2	2545.6	2084.8	1824.7
117.5°	3863.8	3936.2	4226.1	4516.0	4226.1	3936.2	3863.8	3239.9	2408.2	1992.3	1771.2
120°	3665.3	3735.7	4017.3	4299.0	4017.3	3735.7	3665.3	3095.3	2335.3	1955.4	1753.2
122.5°	3466.8	3536.2	3814.0	4091.8	3814.0	3536.2	3466.8	2953.5	2269.1	1927.0	1743.7
125°	3204.2	3268.1	3524.0	3779.9	3524.0	3268.1	3204.2	2768.2	2186.8	1896.2	1735.9
127.5°	2993.3	3047.3	3263.3	3479.1	3263.3	3047.3	2993.3	2619.0	2119.9	1870.3	1731.4
130°	2860.3	2910.2	3109.5	3309.0	3109.5	2910.2	2860.3	2527.0	2082.6	1860.4	1734.1
132.5°	2746.8	2791.5	2970.1	3148.8	2970.1	2791.5	2746.8	2448.5	2050.6	1851.7	1735.8
135°	2586.5	2625.0	2778.9	2933.0	2778.9	2625.0	2586.5	2336.6	2003.6	1837.0	1734.2
137.5°	2468.2	2499.7	2625.7	2751.8	2625.7	2499.7	2468.2	2257.0	1975.3	1834.5	1744.9
140°	2373.3	2402.7	2520.6	2638.4	2520.6	2402.7	2373.3	2190.8	1947.4	1825.8	1746.7
142.5°	2306.7	2332.0	2433.3	2534.7	2433.3	2332.0	2306.7	2146.4	1932.7	1825.8	1752.9
145°	2206.8	2226.0	2302.7	2379.4	2302.7	2226.0	2206.8	2075.7	1900.9	1813.6	1753.0
147.5°	2123.0	2138.9	2202.4	2266.0	2202.4	2138.9	2123.0	2019.9	1882.3	1813.6	1765.1
150°	2074.9	2087.7	2139.3	2190.8	2139.3	2087.7	2074.9	1987.8	1871.7	1813.6	1771.4
152.5°	2036.7	2046.3	2085.3	2124.2	2085.3	2046.3	2036.7	1962.3	1863.2	1813.6	1775.4
155°	1991.0	1997.4	2023.2	2049.0	2023.2	1997.4	1991.0	1931.8	1853.0	1813.6	1784.5
157.5°	1951.6	1956.1	1974.2	1992.3	1974.2	1956.1	1951.6	1905.6	1844.2	1813.6	1793.6
160°	1931.8	1934.4	1944.9	1955.4	1944.9	1934.4	1931.8	1892.4	1839.9	1813.6	1797.7
162.5°	1913.4	1915.8	1925.7	1935.6	1925.7	1915.8	1913.4	1880.1	1835.7	1813.6	1802.0
165°	1885.0	1887.6	1898.0	1908.4	1898.0	1887.6	1885.0	1861.2	1829.5	1813.6	1808.3
167.5°	1872.8	1873.8	1878.2	1882.5	1878.2	1873.8	1872.8	1857.1	1836.3	1825.8	1821.5
170°	1872.8	1872.8	1872.8	1872.8	1872.8	1872.8	1872.8	1857.1	1836.3	1825.8	1825.5
172.5°	1862.9	1861.9	1858.0	1854.2	1858.0	1861.9	1862.9	1850.5	1834.0	1825.8	1825.8
175°	1849.2	1849.2	1849.2	1849.2	1849.2	1849.2	1849.2	1841.4	1831.1	1825.8	1828.3
177.5°	1846.8	1845.7	1841.3	1837.0	1841.3	1845.7	1846.8	1840.6	1832.4	1828.3	1830.3
180°	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0	1837.0

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4139.3	4139.3	4139.3	4139.3	4139.3
2.5°	4088.4	4108.0	4119.8	4135.5	4174.6
5°	3931.8	4006.2	4029.8	4088.4	4159.0
7.5°	3587.2	3814.4	3877.0	4018.0	4127.6
10°	3254.3	3481.4	3591.1	3923.9	4088.4
12.5°	3085.9	3219.1	3293.5	3759.5	4033.6
15°	2980.2	3074.2	3129.0	3540.2	3971.0
17.5°	2897.9	2964.5	3003.7	3324.8	3884.8
20°	2847.0	2878.3	2913.6	3168.1	3786.9
22.5°	2811.7	2792.2	2819.7	3058.6	3653.7
25°	2788.3	2713.9	2745.3	2972.4	3497.1
27.5°	2807.9	2643.4	2655.2	2894.0	3332.6
30°	2811.7	2557.2	2561.2	2811.7	3148.6
32.5°	2784.4	2467.1	2471.1	2710.0	2941.0
35°	2717.8	2361.4	2357.6	2592.5	2659.1
37.5°	2627.7	2247.9	2247.9	2463.3	2349.7
40°	2518.1	2134.3	2146.0	2294.8	2075.6
42.5°	2384.9	2012.9	2028.6	2071.6	1872.0
45°	2240.0	1895.4	1907.1	1750.5	1715.3
47.5°	2079.4	1774.1	1777.9	1452.9	1664.4
50°	1887.6	1648.7	1633.1	1245.4	1660.4
52.5°	1719.2	1511.6	1464.6	1127.8	1507.7
55°	1554.7	1366.7	1264.9	1037.8	1398.0
57.5°	1409.8	1178.8	1080.9	932.1	1374.6
60°	1276.7	994.7	920.3	818.5	1261.0
62.5°	1167.0	857.7	842.0	740.1	1143.5
65°	1049.6	763.6	759.8	673.6	971.2
67.5°	935.9	701.0	697.0	610.9	740.1
70°	814.6	634.4	626.6	544.4	548.2
72.5°	689.2	560.0	552.2	489.6	454.3
75°	564.0	473.8	469.9	426.8	368.1
77.5°	442.5	375.9	383.7	344.6	270.2
80°	317.2	274.2	282.0	246.7	203.6
82.5°	211.4	180.1	188.0	156.6	137.0
85°	117.5	101.9	105.7	82.2	62.6
87.5°	54.8	47.0	47.0	31.3	19.6
90°	54.2	34.5	32.0	22.2	12.4
92.5°	334.5	237.9	217.0	133.1	49.3
95°	823.1	463.6	425.2	271.8	118.4
97.5°	1108.7	509.2	475.3	340.0	204.6
100°	1212.7	547.4	516.6	393.9	271.2
102.5°	1260.4	585.6	556.9	442.4	327.9
105°	1295.8	642.3	618.1	521.1	424.1
107.5°	1302.3	726.2	703.6	613.2	522.8
110°	1292.4	773.0	752.6	671.0	589.3

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1292.9	829.7	810.3	732.5	654.6
115°	1304.8	914.8	896.8	825.1	753.3
117.5°	1329.1	997.4	981.1	915.9	850.7
120°	1348.8	1045.5	1030.2	968.7	907.4
122.5°	1377.2	1102.2	1086.7	1024.9	962.9
125°	1415.3	1174.9	1160.8	1104.4	1048.0
127.5°	1453.5	1245.2	1230.9	1173.9	1116.9
130°	1481.5	1292.0	1276.7	1215.3	1154.0
132.5°	1504.0	1330.2	1314.9	1253.6	1192.2
135°	1528.7	1374.6	1360.7	1304.8	1248.9
137.5°	1565.7	1431.3	1417.5	1362.2	1306.8
140°	1588.3	1469.6	1456.8	1405.9	1354.9
142.5°	1607.2	1497.9	1486.1	1439.0	1391.9
145°	1631.9	1541.1	1530.8	1489.7	1448.6
147.5°	1668.0	1595.3	1585.3	1545.3	1505.3
150°	1687.0	1623.7	1614.6	1578.4	1542.3
152.5°	1699.3	1642.2	1635.3	1607.9	1580.5
155°	1726.4	1682.9	1677.8	1657.5	1637.2
157.5°	1753.6	1723.6	1718.6	1698.9	1679.1
160°	1765.9	1742.0	1738.2	1722.9	1707.5
162.5°	1779.0	1761.7	1758.8	1747.3	1735.8
165°	1797.9	1790.1	1787.5	1777.0	1766.6
167.5°	1812.7	1806.2	1804.9	1799.9	1795.0
170°	1825.0	1824.6	1823.5	1818.5	1813.6
172.5°	1825.8	1825.8	1825.5	1824.4	1823.4
175°	1833.2	1837.0	1837.0	1837.0	1837.0
177.5°	1834.1	1837.0	1837.0	1837.0	1837.0
180°	1837.0	1837.0	1837.0	1837.0	1837.0

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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	13.43	14.27	14.41	15.26	16.57	16.28	17.12	17.26	18.11	19.42
	3H	13.90	14.65	14.89	15.65	16.98	17.63	18.38	18.62	19.38	20.71
	4H	14.09	14.80	15.10	15.81	17.15	18.08	18.79	19.08	19.79	21.13
	6H	14.21	14.86	15.22	15.87	17.22	18.37	19.02	19.38	20.03	21.38
	8H	14.21	14.83	15.23	15.86	17.21	18.44	19.07	19.46	20.09	21.44
	12H	14.18	14.77	15.21	15.79	17.16	18.48	19.08	19.51	20.10	21.47
4H	2H	14.46	15.17	15.47	16.18	17.51	16.68	17.40	17.69	18.40	19.74
	3H	15.49	16.08	16.51	17.11	18.46	18.19	18.79	19.21	19.82	21.17
	4H	15.76	16.30	16.79	17.33	18.70	18.73	19.27	19.75	20.29	21.67
	6H	15.89	16.35	16.92	17.40	18.77	19.10	19.56	20.13	20.61	21.98
	8H	15.89	16.33	16.93	17.37	18.75	19.20	19.64	20.24	20.68	22.07
	12H	15.86	16.25	16.91	17.31	18.70	19.26	19.66	20.32	20.71	22.10
8H	4H	16.22	16.65	17.25	17.69	19.08	18.85	19.28	19.89	20.32	21.71
	6H	16.48	16.84	17.54	17.92	19.30	19.29	19.65	20.35	20.73	22.11
	8H	16.52	16.84	17.59	17.90	19.31	19.44	19.76	20.51	20.83	22.23
	12H	16.50	16.78	17.58	17.84	19.29	19.55	19.82	20.62	20.89	22.33
12H	4H	16.22	16.62	17.28	17.67	19.06	18.81	19.20	19.87	20.26	21.65
	6H	16.54	16.86	17.61	17.92	19.33	19.29	19.60	20.35	20.67	22.07
	8H	16.61	16.88	17.68	17.95	19.39	19.45	19.73	20.52	20.79	22.23

END OF REPORT