

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
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723820

Luminaire Tested: **IFLD-S-SA6D-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723820
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17792.8 lumens	Max Intensity:	418602.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	48.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	6452.4 lumens	Field Lumens:	10286.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

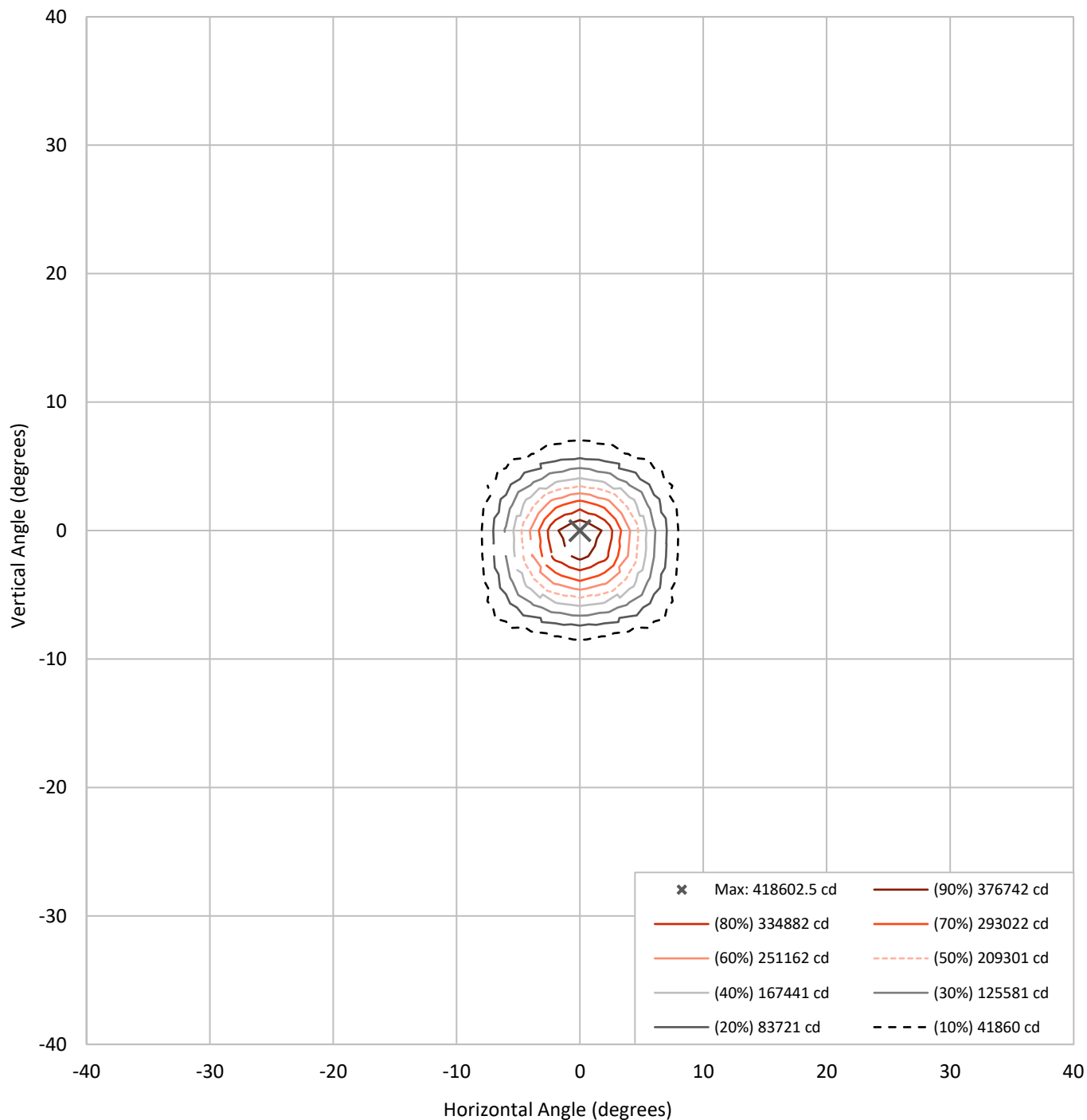
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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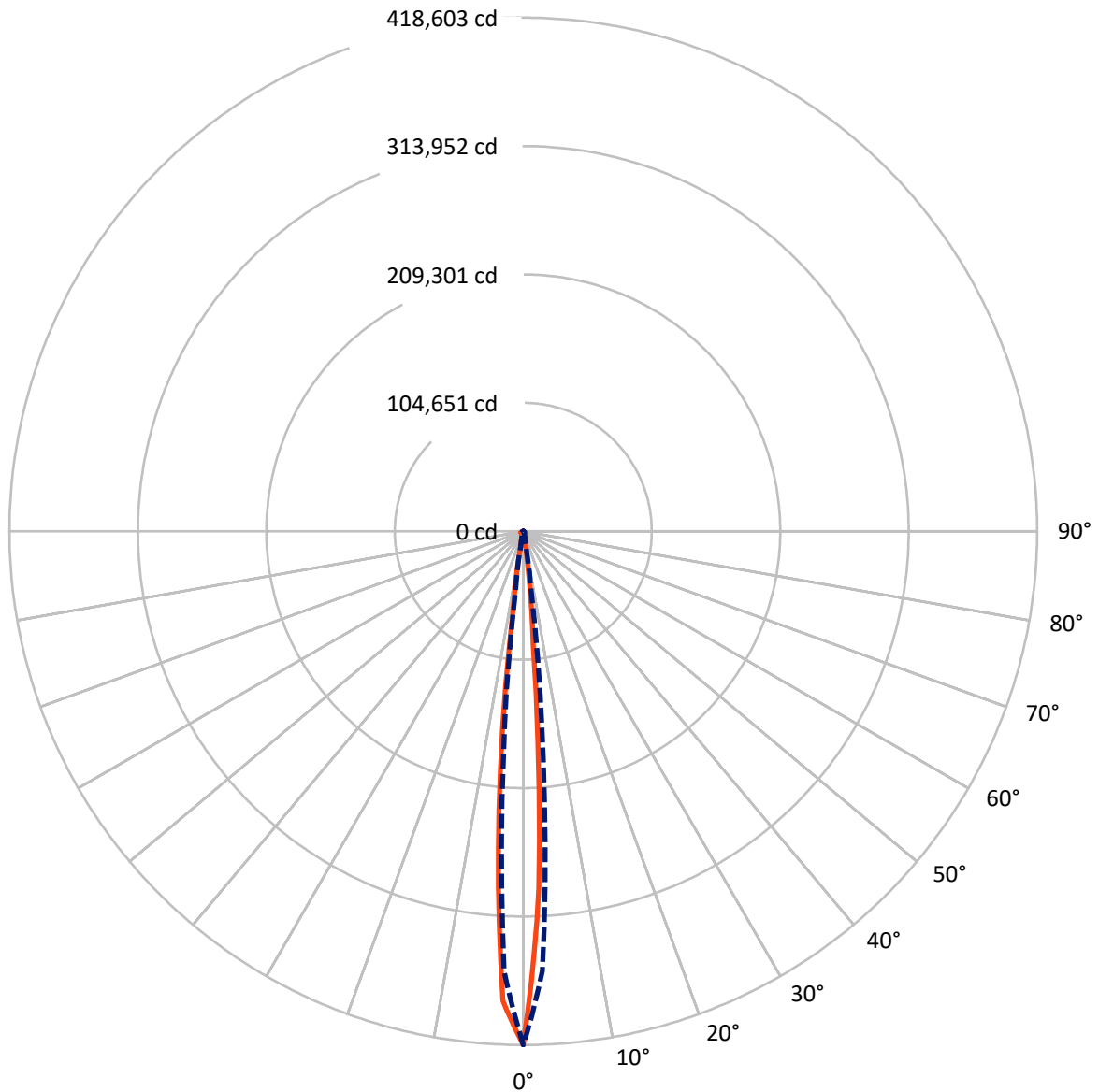
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



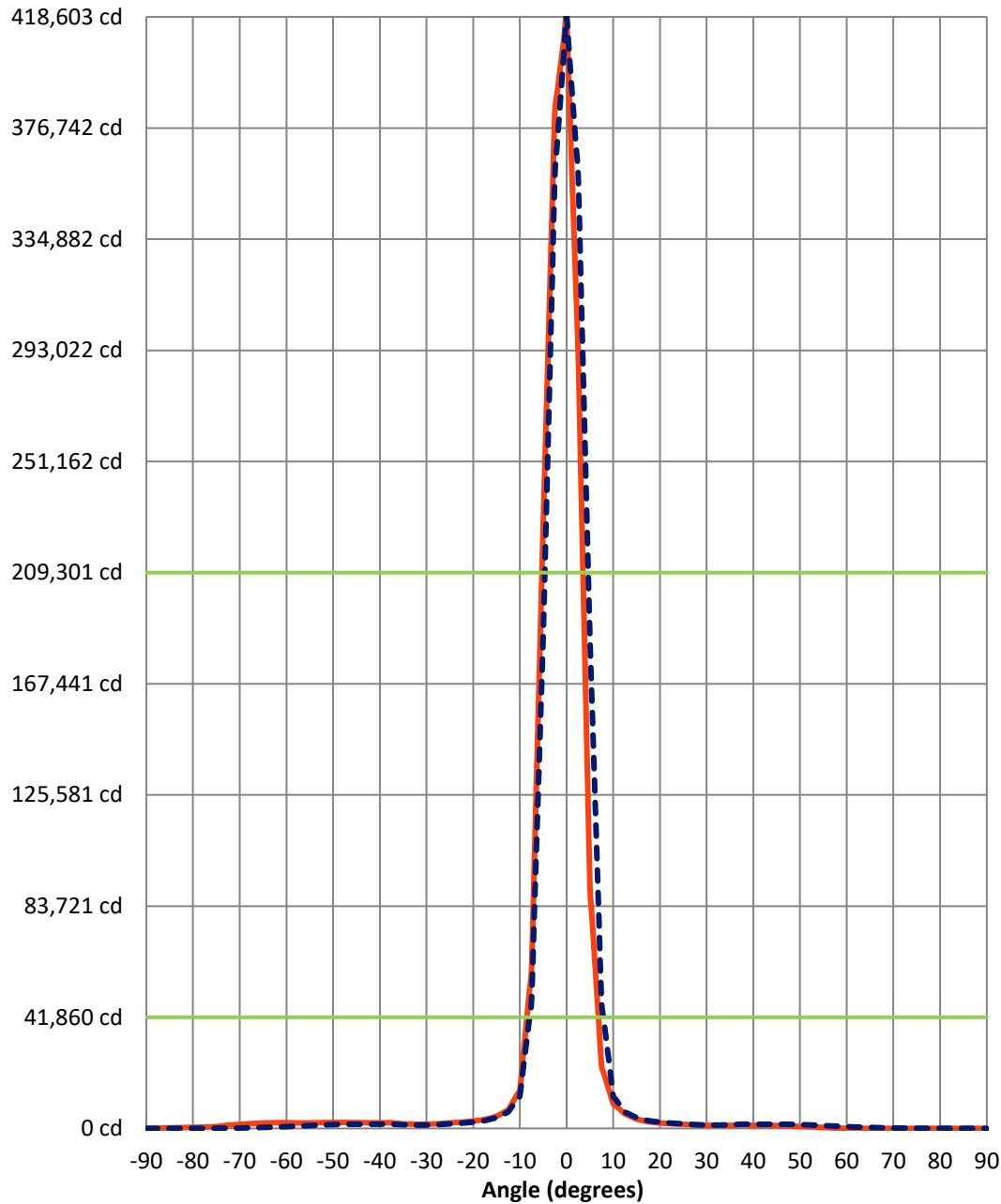
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 6452.4
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 10286.4
Efficiency: 57.8%

Spill:
Lumens: 7506.4
Efficiency: 42.2%

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FIELD

BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	0.0	4.1	4.1	8.2	8.2	8.2	12.3	16.4	20.5	20.5	24.6
82.5°	0.0	4.1	4.1	8.2	8.2	12.3	12.3	20.5	24.6	28.8	37.0
80°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.4	20.5	28.8	32.9
77.5°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	12.3	16.4	20.5	24.6
75°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	12.3	12.3	16.4
72.5°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
70°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
67.5°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
65°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	12.3	12.3	12.3	12.3
62.5°	4.1	4.1	4.1	8.2	12.3	12.3	16.4	20.5	20.5	20.5	20.5
60°	41.1	45.2	49.3	49.3	45.2	45.2	49.3	49.3	49.3	49.3	49.3
57.5°	110.9	119.1	123.2	123.2	123.2	119.1	135.5	139.7	123.2	115.0	127.3
55°	386.1	398.4	390.2	377.9	353.2	324.5	316.3	312.2	316.3	295.7	262.9
52.5°	562.7	575.0	570.9	562.7	546.3	525.7	509.3	492.9	476.5	443.6	406.6
50°	731.1	735.2	731.1	722.9	706.5	685.9	653.1	616.1	583.3	575.0	542.2
47.5°	920.1	932.4	932.4	928.3	916.0	879.0	829.7	776.3	751.7	743.4	710.6
45°	1088.5	1096.7	1100.8	1104.9	1100.8	1063.8	1018.6	989.9	936.5	920.1	920.1
42.5°	1133.6	1137.8	1141.9	1146.0	1158.3	1129.5	1092.6	1043.3	1031.0	1026.9	1018.6
40°	1150.1	1141.9	1146.0	1150.1	1154.2	1133.6	1104.9	1076.1	1067.9	1059.7	1059.7
37.5°	1306.2	1269.2	1240.4	1215.8	1195.3	1174.7	1146.0	1121.3	1100.8	1084.4	1100.8
35°	1113.1	1113.1	1141.9	1166.5	1191.1	1215.8	1219.9	1191.1	1146.0	1125.4	1154.2
32.5°	1137.8	1137.8	1137.8	1146.0	1154.2	1174.7	1195.3	1207.6	1240.4	1203.5	1203.5
30°	1162.4	1166.5	1174.7	1178.8	1166.5	1158.3	1150.1	1150.1	1170.6	1224.0	1252.8
27.5°	1306.2	1306.2	1293.8	1277.4	1240.4	1182.9	1154.2	1113.1	1117.2	1141.9	1211.7
25°	1540.3	1532.1	1503.3	1462.2	1396.5	1314.4	1236.3	1150.1	1113.1	1100.8	1129.5
22.5°	1762.1	1749.8	1712.8	1675.8	1622.4	1540.3	1408.8	1277.4	1162.4	1113.1	1100.8
20°	2045.5	2016.7	1975.7	1918.2	1831.9	1749.8	1634.7	1462.2	1293.8	1166.5	1117.2
17.5°	2501.4	2464.4	2386.4	2283.7	2135.9	2008.5	1844.2	1679.9	1491.0	1285.6	1174.7
15°	3499.5	3405.0	3269.5	2986.1	2694.5	2452.1	2205.7	1930.5	1737.4	1466.3	1297.9
12.5°	5503.9	5245.2	4850.8	4189.6	3536.5	2973.8	2575.3	2222.1	1909.9	1659.4	1421.2
10°	9315.6	8761.1	7672.6	5865.4	4661.9	3626.8	2912.2	2439.8	2045.5	1786.7	1523.8
7.5°	23560.1	19218.6	13599.6	9286.9	6099.5	4431.9	3331.1	2645.2	2189.2	1868.9	1606.0
5°	91825.2	75642.0	40351.2	16840.4	9176.0	5360.2	3709.0	2809.5	2283.7	1930.5	1667.6
2.5°	291424.8	251665.0	132036.8	36252.0	11266.6	6037.9	3967.8	2912.2	2337.1	1975.7	1712.8
0°	418602.5	358757.5	185305.7	47678.8	12219.5	6210.4	4049.9	2932.7	2345.3	1983.9	1712.8
-2.5°	382950.1	335156.3	179005.0	44368.2	12486.5	6259.7	4115.6	3002.5	2406.9	2020.8	1725.1
-5°	227546.3	199591.3	124869.3	31635.3	11094.1	5812.0	3943.1	2940.9	2365.9	2000.3	1716.9
-7.5°	59951.7	51901.2	34140.8	16507.7	7179.8	4916.6	3622.7	2838.2	2312.5	1963.3	1684.0
-10°	14454.0	13698.2	12236.0	7500.1	5590.2	4107.4	3212.0	2653.4	2205.7	1914.1	1630.6
-12.5°	6970.3	6806.0	6177.5	5093.2	4148.5	3413.3	2908.0	2460.3	2107.1	1827.8	1556.7
-15°	4534.6	4440.1	4226.5	3811.7	3331.1	2977.9	2624.6	2263.2	1983.9	1700.5	1495.1
-17.5°	3355.8	3351.6	3244.9	3088.8	2850.5	2587.7	2328.9	2098.9	1827.8	1585.5	1429.4
-20°	2780.7	2780.7	2719.1	2616.4	2448.0	2275.5	2103.0	1889.4	1667.6	1486.9	1421.2

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2361.8	2365.9	2333.0	2267.3	2176.9	2033.2	1864.8	1692.3	1532.1	1466.3	1445.8
-25°	2090.7	2082.5	2045.5	1983.9	1889.4	1774.4	1663.5	1548.5	1503.3	1486.9	1515.6
-27.5°	1770.3	1782.6	1766.2	1737.4	1675.8	1593.7	1569.0	1536.2	1544.4	1569.0	1679.9
-30°	1581.4	1593.7	1610.1	1622.4	1601.9	1581.4	1589.6	1614.2	1667.6	1762.1	1803.2
-32.5°	1581.4	1585.5	1610.1	1634.7	1647.1	1663.5	1708.7	1790.8	1868.9	1844.2	1836.0
-35°	1725.1	1712.8	1745.6	1778.5	1823.7	1881.2	1930.5	1914.1	1885.3	1877.1	1885.3
-37.5°	2135.9	2057.8	2025.0	2004.4	1992.1	1983.9	1971.6	1959.2	1946.9	1938.7	1951.0
-40°	2131.7	2111.2	2090.7	2074.2	2061.9	2045.5	2037.3	2033.2	2020.8	2012.6	2004.4
-42.5°	2123.5	2131.7	2131.7	2127.6	2131.7	2127.6	2115.3	2098.9	2078.3	2061.9	2045.5
-45°	2185.1	2189.2	2197.5	2205.7	2218.0	2201.6	2176.9	2148.2	2119.4	2094.8	2074.2
-47.5°	2222.1	2226.2	2234.4	2246.8	2255.0	2238.5	2205.7	2168.7	2123.5	2082.5	2041.4
-50°	2234.4	2246.8	2250.9	2250.9	2246.8	2226.2	2176.9	2123.5	2074.2	2033.2	1996.2
-52.5°	2176.9	2189.2	2193.4	2185.1	2181.0	2160.5	2115.3	2066.0	2012.6	1983.9	1951.0
-55°	2082.5	2098.9	2111.2	2111.2	2111.2	2107.1	2066.0	2020.8	1979.8	1946.9	1914.1
-57.5°	2045.5	2074.2	2098.9	2103.0	2107.1	2111.2	2082.5	2037.3	1988.0	1938.7	1897.6
-60°	2181.0	2205.7	2218.0	2201.6	2189.2	2176.9	2131.7	2078.3	2029.1	1979.8	1901.7
-62.5°	2144.1	2185.1	2205.7	2193.4	2176.9	2156.4	2107.1	2045.5	1988.0	1934.6	1856.5
-65°	2025.0	2061.9	2086.6	2066.0	2041.4	2012.6	1967.4	1909.9	1856.5	1803.2	1733.3
-67.5°	1823.7	1877.1	1918.2	1873.0	1840.1	1803.2	1766.2	1716.9	1663.5	1601.9	1536.2
-70°	1507.4	1548.5	1585.5	1573.1	1564.9	1556.7	1532.1	1482.8	1437.6	1388.3	1330.8
-72.5°	1211.7	1248.7	1281.5	1261.0	1244.5	1219.9	1182.9	1129.5	1076.1	1022.7	969.3
-75°	669.5	681.8	694.2	690.0	690.0	690.0	690.0	694.2	685.9	673.6	649.0
-77.5°	513.4	529.9	542.2	550.4	562.7	579.1	591.5	570.9	550.4	529.9	505.2
-80°	402.5	419.0	431.3	476.5	509.3	546.3	570.9	542.2	513.4	488.8	468.2
-82.5°	303.9	316.3	328.6	353.2	369.7	390.2	406.6	406.6	402.5	398.4	386.1
-85°	221.8	238.2	254.7	262.9	275.2	275.2	279.3	262.9	246.4	234.1	217.7
-87.5°	127.3	131.4	131.4	131.4	135.5	135.5	135.5	127.3	123.2	115.0	110.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.4	16.4	20.5	20.5
85°	24.6	24.6	24.6	28.8	28.8	32.9	37.0	41.1	45.2	45.2	49.3
82.5°	41.1	45.2	49.3	53.4	57.5	61.6	65.7	69.8	82.1	90.4	94.5
80°	41.1	45.2	57.5	65.7	73.9	82.1	82.1	82.1	82.1	86.3	94.5
77.5°	28.8	32.9	37.0	45.2	65.7	82.1	94.5	102.7	94.5	90.4	82.1
75°	16.4	20.5	24.6	28.8	41.1	57.5	78.0	98.6	115.0	110.9	102.7
72.5°	16.4	16.4	20.5	24.6	28.8	32.9	37.0	57.5	82.1	102.7	115.0
70°	16.4	20.5	20.5	24.6	28.8	32.9	37.0	45.2	57.5	82.1	106.8
67.5°	16.4	20.5	20.5	28.8	37.0	41.1	45.2	41.1	37.0	53.4	78.0
65°	16.4	16.4	20.5	24.6	28.8	32.9	45.2	45.2	41.1	41.1	41.1
62.5°	24.6	24.6	24.6	24.6	28.8	28.8	28.8	37.0	37.0	37.0	37.0
60°	49.3	45.2	45.2	45.2	45.2	37.0	37.0	37.0	32.9	37.0	32.9
57.5°	119.1	98.6	90.4	90.4	78.0	73.9	61.6	45.2	45.2	37.0	37.0
55°	242.3	230.0	193.0	160.2	143.8	127.3	98.6	82.1	61.6	49.3	45.2
52.5°	373.8	340.9	308.1	267.0	225.9	193.0	164.3	127.3	102.7	73.9	57.5
50°	488.8	460.0	423.1	377.9	324.5	283.4	242.3	193.0	152.0	115.0	82.1
47.5°	665.4	607.9	562.7	509.3	447.7	390.2	336.8	279.3	213.6	168.4	127.3
45°	854.3	772.2	710.6	661.3	579.1	501.1	439.5	377.9	299.8	221.8	172.5
42.5°	985.8	924.2	842.0	776.3	702.4	620.2	538.1	472.4	390.2	299.8	221.8
40°	1055.6	1014.5	948.8	891.3	813.3	722.9	636.6	570.9	484.7	386.1	279.3
37.5°	1109.0	1088.5	1055.6	1010.4	936.5	829.7	743.4	665.4	591.5	476.5	361.5
35°	1170.6	1166.5	1146.0	1125.4	1063.8	961.1	858.4	768.1	677.7	570.9	443.6
32.5°	1228.1	1224.0	1211.7	1203.5	1178.8	1088.5	977.6	874.9	772.2	661.3	521.6
30°	1256.9	1248.7	1248.7	1256.9	1232.2	1174.7	1092.6	981.7	866.7	735.2	603.8
27.5°	1256.9	1248.7	1252.8	1265.1	1261.0	1232.2	1170.6	1080.2	952.9	805.1	677.7
25°	1203.5	1244.5	1244.5	1261.0	1265.1	1256.9	1224.0	1166.5	1035.1	879.0	735.2
22.5°	1129.5	1228.1	1265.1	1261.0	1265.1	1285.6	1289.7	1236.3	1113.1	952.9	792.7
20°	1129.5	1199.4	1306.2	1277.4	1285.6	1330.8	1351.3	1306.2	1195.3	1022.7	850.2
17.5°	1154.2	1199.4	1289.7	1334.9	1347.2	1384.2	1417.1	1388.3	1269.2	1096.7	928.3
15°	1224.0	1215.8	1277.4	1388.3	1408.8	1437.6	1474.6	1441.7	1334.9	1178.8	1002.2
12.5°	1273.3	1228.1	1277.4	1396.5	1462.2	1491.0	1503.3	1478.7	1392.4	1252.8	1076.1
10°	1339.0	1261.0	1285.6	1388.3	1482.8	1503.3	1515.6	1507.4	1445.8	1314.4	1141.9
7.5°	1388.3	1277.4	1277.4	1376.0	1503.3	1519.7	1528.0	1536.2	1491.0	1367.8	1199.4
5°	1408.8	1277.4	1269.2	1363.7	1523.8	1540.3	1540.3	1552.6	1523.8	1408.8	1240.4
2.5°	1412.9	1273.3	1261.0	1355.4	1560.8	1560.8	1552.6	1564.9	1548.5	1433.5	1269.2
0°	1433.5	1269.2	1256.9	1367.8	1601.9	1585.5	1564.9	1569.0	1560.8	1445.8	1285.6
-2.5°	1433.5	1289.7	1273.3	1376.0	1597.8	1593.7	1585.5	1589.6	1581.4	1482.8	1318.5
-5°	1454.0	1318.5	1302.0	1412.9	1593.7	1606.0	1610.1	1610.1	1597.8	1507.4	1339.0
-7.5°	1458.1	1339.0	1334.9	1449.9	1601.9	1622.4	1634.7	1643.0	1618.3	1523.8	1355.4
-10°	1437.6	1347.2	1367.8	1495.1	1610.1	1638.9	1663.5	1675.8	1634.7	1532.1	1363.7
-12.5°	1392.4	1347.2	1400.6	1552.6	1630.6	1663.5	1700.5	1704.6	1651.2	1536.2	1367.8
-15°	1388.3	1380.1	1458.1	1610.1	1643.0	1684.0	1741.5	1729.2	1663.5	1536.2	1367.8
-17.5°	1384.2	1425.3	1544.4	1630.6	1663.5	1708.7	1753.9	1741.5	1671.7	1536.2	1359.6
-20°	1421.2	1499.2	1647.1	1651.2	1688.1	1737.4	1762.1	1737.4	1659.4	1523.8	1347.2

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1482.8	1630.6	1679.9	1696.4	1729.2	1766.2	1778.5	1741.5	1647.1	1503.3	1326.7
-25°	1638.9	1712.8	1712.8	1749.8	1782.6	1799.0	1786.7	1745.6	1630.6	1482.8	1306.2
-27.5°	1758.0	1753.9	1774.4	1811.4	1840.1	1840.1	1807.3	1725.1	1606.0	1462.2	1277.4
-30°	1803.2	1807.3	1836.0	1877.1	1885.3	1864.8	1815.5	1708.7	1585.5	1429.4	1240.4
-32.5°	1848.3	1864.8	1901.7	1922.3	1926.4	1885.3	1794.9	1679.9	1552.6	1392.4	1199.4
-35°	1901.7	1934.6	1955.1	1959.2	1938.7	1868.9	1766.2	1643.0	1503.3	1339.0	1162.4
-37.5°	1971.6	1988.0	2000.3	1983.9	1926.4	1844.2	1716.9	1593.7	1458.1	1281.5	1109.0
-40°	2016.7	2025.0	2029.1	1975.7	1905.8	1786.7	1663.5	1536.2	1380.1	1215.8	1051.5
-42.5°	2045.5	2037.3	2004.4	1946.9	1844.2	1729.2	1610.1	1466.3	1310.3	1150.1	989.9
-45°	2037.3	2008.5	1959.2	1889.4	1782.6	1667.6	1528.0	1384.2	1236.3	1080.2	920.1
-47.5°	2004.4	1959.2	1897.6	1815.5	1716.9	1577.2	1437.6	1297.9	1154.2	1002.2	854.3
-50°	1963.3	1909.9	1836.0	1733.3	1601.9	1474.6	1347.2	1211.7	1063.8	924.2	792.7
-52.5°	1918.2	1860.7	1766.2	1651.2	1507.4	1376.0	1252.8	1121.3	985.8	854.3	739.3
-55°	1868.9	1811.4	1704.6	1573.1	1429.4	1285.6	1166.5	1055.6	924.2	796.8	694.2
-57.5°	1844.2	1770.3	1659.4	1528.0	1376.0	1228.1	1125.4	1006.3	887.2	755.8	657.2
-60°	1823.7	1749.8	1647.1	1495.1	1351.3	1211.7	1092.6	977.6	850.2	727.0	628.4
-62.5°	1766.2	1688.1	1593.7	1445.8	1306.2	1178.8	1072.0	936.5	813.3	698.3	607.9
-65°	1651.2	1569.0	1486.9	1355.4	1228.1	1109.0	1002.2	879.0	764.0	665.4	587.4
-67.5°	1470.5	1400.6	1326.7	1215.8	1109.0	1002.2	903.6	796.8	702.4	632.5	591.5
-70°	1269.2	1195.3	1121.3	1031.0	940.6	854.3	776.3	698.3	636.6	599.7	566.8
-72.5°	924.2	891.3	854.3	784.5	710.6	657.2	620.2	587.4	542.2	509.3	488.8
-75°	616.1	570.9	513.4	488.8	492.9	484.7	464.1	439.5	419.0	406.6	377.9
-77.5°	480.6	455.9	427.2	398.4	386.1	373.8	357.3	336.8	320.4	291.6	250.6
-80°	443.6	423.1	402.5	382.0	361.5	332.7	299.8	267.0	250.6	238.2	234.1
-82.5°	365.6	340.9	316.3	295.7	267.0	246.4	225.9	209.5	209.5	205.4	201.3
-85°	209.5	201.3	188.9	180.7	172.5	160.2	147.9	139.7	135.5	131.4	127.3
-87.5°	106.8	102.7	94.5	90.4	86.3	82.1	73.9	69.8	65.7	65.7	61.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.5	20.5	16.4	16.4	16.4	12.3	8.2	8.2	4.1	4.1	0.0
85°	49.3	41.1	37.0	32.9	32.9	24.6	16.4	12.3	8.2	4.1	4.1
82.5°	94.5	82.1	69.8	61.6	49.3	37.0	28.8	20.5	12.3	8.2	4.1
80°	106.8	106.8	102.7	86.3	69.8	53.4	37.0	24.6	16.4	12.3	8.2
77.5°	82.1	90.4	90.4	90.4	86.3	65.7	45.2	28.8	16.4	12.3	8.2
75°	94.5	82.1	78.0	82.1	78.0	65.7	53.4	32.9	20.5	16.4	8.2
72.5°	115.0	98.6	86.3	82.1	73.9	61.6	49.3	37.0	20.5	16.4	12.3
70°	106.8	102.7	94.5	86.3	73.9	61.6	49.3	37.0	24.6	16.4	12.3
67.5°	94.5	94.5	94.5	86.3	73.9	57.5	45.2	32.9	24.6	16.4	12.3
65°	65.7	78.0	86.3	82.1	73.9	57.5	45.2	32.9	24.6	20.5	12.3
62.5°	41.1	53.4	69.8	78.0	69.8	57.5	41.1	32.9	24.6	20.5	12.3
60°	37.0	41.1	49.3	61.6	65.7	53.4	41.1	28.8	24.6	20.5	12.3
57.5°	37.0	37.0	41.1	49.3	53.4	49.3	37.0	24.6	24.6	20.5	16.4
55°	41.1	37.0	37.0	41.1	45.2	45.2	37.0	24.6	24.6	20.5	16.4
52.5°	49.3	41.1	37.0	37.0	37.0	41.1	32.9	24.6	24.6	20.5	16.4
50°	61.6	49.3	45.2	37.0	37.0	37.0	32.9	24.6	20.5	20.5	16.4
47.5°	82.1	65.7	49.3	45.2	37.0	32.9	28.8	24.6	20.5	20.5	16.4
45°	123.2	78.0	65.7	49.3	41.1	37.0	32.9	24.6	20.5	20.5	16.4
42.5°	168.4	115.0	82.1	57.5	45.2	37.0	32.9	28.8	20.5	20.5	16.4
40°	213.6	156.1	102.7	73.9	53.4	41.1	32.9	28.8	24.6	20.5	16.4
37.5°	262.9	193.0	135.5	94.5	61.6	45.2	37.0	28.8	24.6	20.5	16.4
35°	324.5	242.3	168.4	115.0	73.9	53.4	41.1	28.8	24.6	20.5	16.4
32.5°	394.3	287.5	201.3	139.7	94.5	65.7	45.2	32.9	24.6	20.5	16.4
30°	460.0	340.9	238.2	168.4	115.0	73.9	49.3	32.9	24.6	20.5	12.3
27.5°	525.7	394.3	283.4	197.2	139.7	86.3	53.4	37.0	24.6	20.5	16.4
25°	591.5	447.7	328.6	225.9	160.2	102.7	65.7	41.1	24.6	20.5	16.4
22.5°	649.0	501.1	369.7	258.8	184.8	119.1	73.9	45.2	28.8	20.5	16.4
20°	714.7	558.6	414.8	295.7	205.4	135.5	82.1	49.3	28.8	20.5	16.4
17.5°	776.3	616.1	460.0	328.6	230.0	152.0	94.5	53.4	32.9	20.5	16.4
15°	837.9	669.5	501.1	361.5	254.7	168.4	102.7	57.5	37.0	20.5	16.4
12.5°	895.4	718.8	538.1	390.2	275.2	184.8	110.9	61.6	41.1	20.5	16.4
10°	948.8	764.0	575.0	414.8	295.7	197.2	119.1	69.8	45.2	20.5	16.4
7.5°	1002.2	800.9	603.8	439.5	320.4	213.6	127.3	73.9	49.3	24.6	16.4
5°	1035.1	833.8	628.4	460.0	340.9	230.0	135.5	78.0	53.4	24.6	16.4
2.5°	1063.8	858.4	644.9	480.6	361.5	242.3	135.5	82.1	57.5	24.6	16.4
0°	1080.2	874.9	657.2	492.9	377.9	250.6	139.7	86.3	61.6	24.6	16.4
-2.5°	1117.2	903.6	685.9	509.3	394.3	275.2	147.9	90.4	65.7	28.8	16.4
-5°	1141.9	920.1	706.5	525.7	406.6	299.8	160.2	98.6	73.9	37.0	20.5
-7.5°	1162.4	936.5	722.9	534.0	419.0	308.1	164.3	102.7	78.0	41.1	20.5
-10°	1166.5	944.7	735.2	546.3	427.2	320.4	168.4	106.8	82.1	45.2	20.5
-12.5°	1170.6	952.9	739.3	554.5	435.4	328.6	172.5	110.9	86.3	49.3	20.5
-15°	1166.5	948.8	739.3	562.7	439.5	320.4	180.7	115.0	90.4	53.4	20.5
-17.5°	1158.3	944.7	735.2	558.6	435.4	312.2	184.8	123.2	90.4	57.5	24.6
-20°	1146.0	932.4	727.0	554.5	431.3	303.9	188.9	127.3	94.5	57.5	24.6



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1125.4	911.8	710.6	542.2	423.1	295.7	188.9	135.5	98.6	57.5	24.6
-25°	1100.8	891.3	694.2	525.7	410.7	283.4	188.9	139.7	102.7	57.5	24.6
-27.5°	1072.0	870.8	669.5	513.4	394.3	275.2	188.9	143.8	106.8	57.5	24.6
-30°	1039.2	842.0	649.0	492.9	382.0	275.2	193.0	147.9	110.9	57.5	24.6
-32.5°	1006.3	813.3	624.3	476.5	365.6	271.1	193.0	152.0	115.0	53.4	28.8
-35°	969.3	780.4	603.8	464.1	353.2	262.9	197.2	152.0	110.9	53.4	28.8
-37.5°	924.2	739.3	583.3	451.8	345.0	254.7	197.2	156.1	106.8	53.4	28.8
-40°	874.9	706.5	558.6	435.4	332.7	250.6	197.2	156.1	102.7	53.4	32.9
-42.5°	821.5	669.5	534.0	419.0	320.4	246.4	197.2	156.1	98.6	53.4	32.9
-45°	772.2	632.5	505.2	398.4	308.1	246.4	197.2	152.0	90.4	57.5	32.9
-47.5°	718.8	591.5	472.4	377.9	303.9	242.3	193.0	143.8	82.1	57.5	32.9
-50°	673.6	550.4	447.7	357.3	295.7	246.4	197.2	131.4	82.1	57.5	32.9
-52.5°	628.4	521.6	419.0	349.1	287.5	250.6	193.0	123.2	82.1	57.5	32.9
-55°	591.5	492.9	402.5	336.8	295.7	258.8	184.8	110.9	82.1	57.5	32.9
-57.5°	562.7	476.5	390.2	340.9	308.1	250.6	172.5	106.8	82.1	53.4	32.9
-60°	542.2	460.0	394.3	357.3	312.2	238.2	164.3	106.8	82.1	53.4	28.8
-62.5°	525.7	464.1	414.8	369.7	295.7	221.8	156.1	106.8	73.9	49.3	28.8
-65°	529.9	480.6	423.1	353.2	283.4	205.4	143.8	102.7	69.8	45.2	28.8
-67.5°	542.2	468.2	398.4	332.7	254.7	184.8	131.4	94.5	65.7	45.2	28.8
-70°	501.1	431.3	361.5	283.4	217.7	160.2	123.2	86.3	57.5	41.1	28.8
-72.5°	451.8	361.5	287.5	230.0	184.8	147.9	110.9	78.0	53.4	37.0	24.6
-75°	328.6	262.9	213.6	193.0	164.3	131.4	98.6	69.8	49.3	37.0	24.6
-77.5°	234.1	217.7	197.2	176.6	147.9	115.0	86.3	65.7	45.2	32.9	20.5
-80°	230.0	209.5	184.8	152.0	123.2	98.6	73.9	57.5	41.1	28.8	16.4
-82.5°	193.0	164.3	139.7	115.0	94.5	78.0	61.6	45.2	32.9	20.5	12.3
-85°	119.1	102.7	90.4	78.0	65.7	53.4	41.1	28.8	20.5	12.3	8.2
-87.5°	57.5	53.4	45.2	37.0	32.9	24.6	20.5	16.4	12.3	8.2	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	4.1	0.0	0.0	0.0
80°	4.1	0.0	0.0	0.0
77.5°	4.1	0.0	0.0	0.0
75°	4.1	4.1	0.0	0.0
72.5°	4.1	4.1	0.0	0.0
70°	8.2	4.1	4.1	0.0
67.5°	8.2	4.1	4.1	0.0
65°	8.2	4.1	4.1	0.0
62.5°	8.2	4.1	4.1	0.0
60°	8.2	4.1	4.1	0.0
57.5°	8.2	4.1	4.1	0.0
55°	8.2	4.1	4.1	0.0
52.5°	8.2	4.1	4.1	0.0
50°	8.2	4.1	4.1	0.0
47.5°	8.2	8.2	4.1	0.0
45°	8.2	8.2	4.1	0.0
42.5°	8.2	8.2	4.1	0.0
40°	8.2	8.2	4.1	0.0
37.5°	8.2	8.2	4.1	0.0
35°	8.2	8.2	4.1	0.0
32.5°	12.3	8.2	4.1	0.0
30°	12.3	8.2	8.2	0.0
27.5°	12.3	8.2	8.2	0.0
25°	12.3	8.2	8.2	0.0
22.5°	12.3	8.2	8.2	0.0
20°	12.3	8.2	8.2	0.0
17.5°	12.3	8.2	8.2	0.0
15°	12.3	8.2	8.2	0.0
12.5°	12.3	8.2	8.2	0.0
10°	12.3	8.2	8.2	0.0
7.5°	12.3	8.2	8.2	0.0
5°	12.3	8.2	8.2	0.0
2.5°	12.3	8.2	8.2	0.0
0°	12.3	8.2	8.2	0.0
-2.5°	12.3	8.2	8.2	0.0
-5°	12.3	8.2	8.2	0.0
-7.5°	12.3	8.2	8.2	0.0
-10°	12.3	8.2	8.2	0.0
-12.5°	16.4	8.2	8.2	0.0
-15°	16.4	8.2	8.2	0.0
-17.5°	16.4	8.2	8.2	0.0
-20°	16.4	8.2	8.2	0.0

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CATALOG NUMBER: IFLD-S-SA6D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.4	8.2	8.2	0.0
-25°	16.4	8.2	8.2	0.0
-27.5°	16.4	8.2	8.2	0.0
-30°	16.4	8.2	8.2	0.0
-32.5°	16.4	8.2	8.2	0.0
-35°	16.4	8.2	8.2	0.0
-37.5°	16.4	8.2	8.2	0.0
-40°	16.4	8.2	8.2	0.0
-42.5°	12.3	8.2	4.1	0.0
-45°	16.4	8.2	4.1	0.0
-47.5°	16.4	8.2	4.1	0.0
-50°	16.4	8.2	4.1	0.0
-52.5°	16.4	8.2	4.1	0.0
-55°	16.4	8.2	4.1	0.0
-57.5°	16.4	8.2	4.1	0.0
-60°	16.4	8.2	4.1	0.0
-62.5°	16.4	8.2	4.1	0.0
-65°	16.4	8.2	4.1	0.0
-67.5°	16.4	8.2	4.1	0.0
-70°	16.4	4.1	4.1	0.0
-72.5°	12.3	4.1	4.1	0.0
-75°	12.3	4.1	4.1	0.0
-77.5°	8.2	4.1	0.0	0.0
-80°	8.2	4.1	0.0	0.0
-82.5°	8.2	4.1	0.0	0.0
-85°	4.1	0.0	0.0	0.0
-87.5°	4.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)