

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: P723679

Luminaire Tested: **IFLD-M-SA4C-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723679
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13705.8 lumens	Max Intensity:	322449.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	4970.3 lumens	Field Lumens:	7923.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

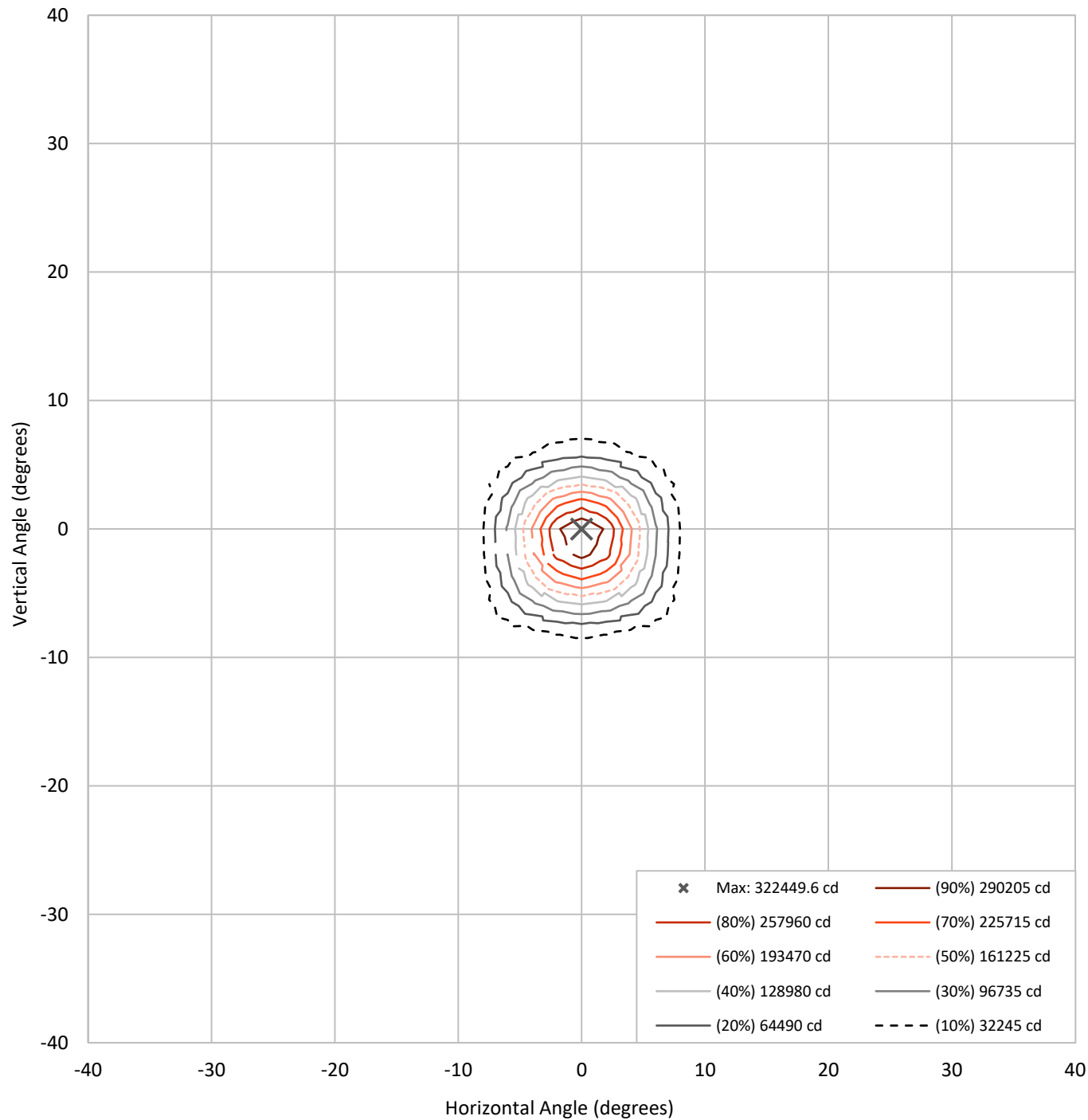
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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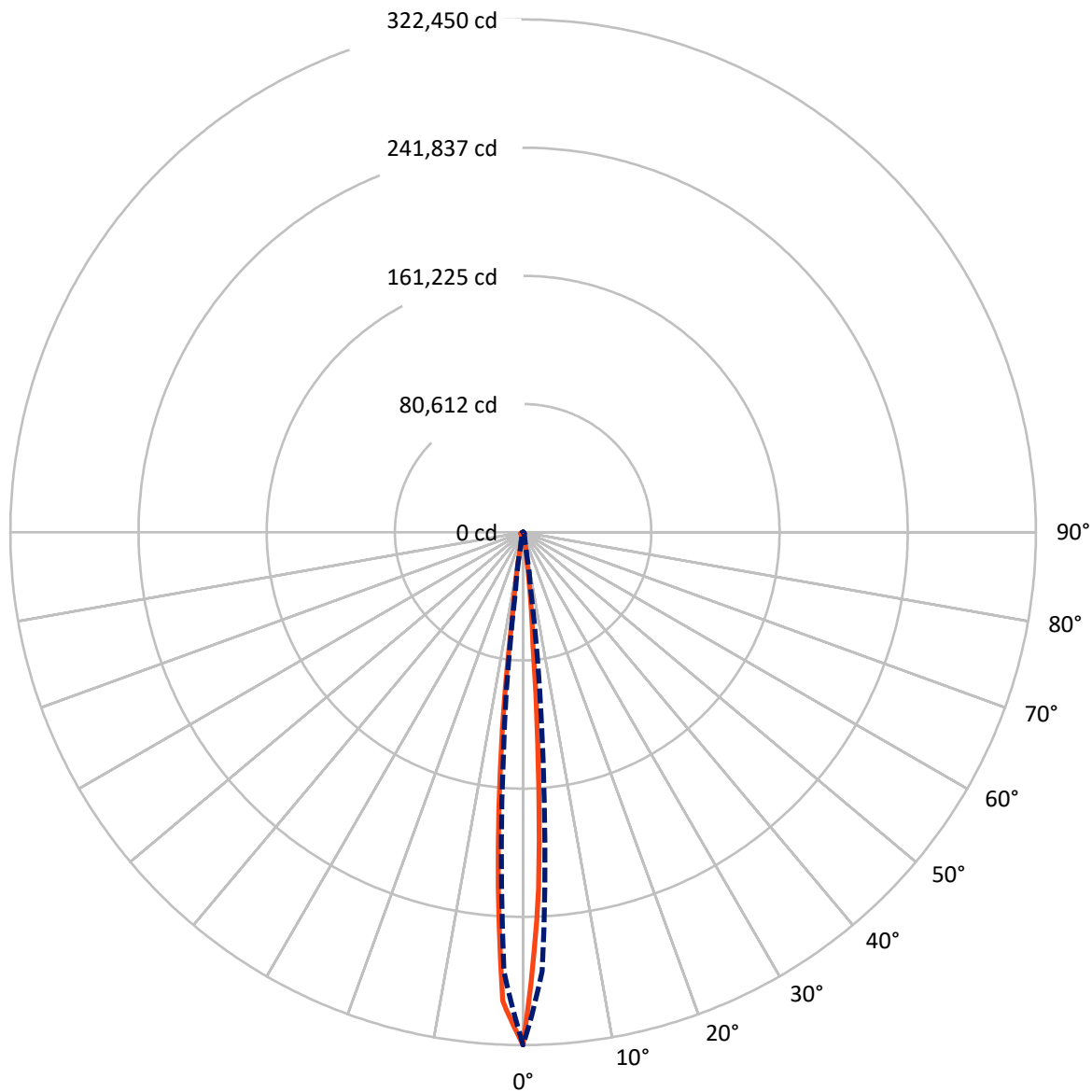
Lumen Table

Vertical Angle (degrees)																
	0.2	3.0		3.3		1.3		0.4		1.3		3.3		3.0		0.2
90																
80	0.2	3.0		3.3		1.3		0.4		1.3		3.3		3.0		0.2
70																
60	0.3	0.7	0.9	0.7	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.7	0.9	0.7	0.3
50		0.4	0.6	1.6	3.5	5.8	7.4	8.5	8.5	7.4	5.8	3.5	1.6	0.6	0.4	
40	0.3	0.5	1.9	6.2	12.3	18.0	21.6	24.0	24.0	21.6	18.0	12.3	6.2	1.9	0.5	0.3
30		0.9	4.8	12.8	20.8	24.5	26.4	27.4	27.4	26.4	24.5	20.8	12.8	4.8	0.9	
20	0.5	1.8	8.1	18.7	24.1	24.9	29.3	35.3	35.3	29.3	24.9	24.1	18.7	8.1	1.8	0.5
10		2.8	11.4	22.9	25.8	29.0	51.1	87.0	87.0	51.1	29.0	25.8	22.9	11.4	2.8	
0	0.9	3.6	14.0	25.2	26.7	35.9	97.1	1799.2	1799.2	97.1	35.9	26.7	25.2	14.0	3.6	0.9
-10		4.2	15.3	26.5	27.7	37.1	104.6	2623.4	2623.4	104.6	37.1	27.7	26.5	15.3	4.2	
-20	1.3	4.5	15.7	27.9	30.0	33.4	60.8	116.7	116.7	60.8	33.4	30.0	27.9	15.7	4.5	1.3
-30		4.3	14.9	28.2	33.6	33.7	39.4	48.0	48.0	39.4	33.7	33.6	28.2	14.9	4.3	
-40	1.4	3.8	13.2	27.0	37.0	40.3	42.0	42.3	42.3	42.0	40.3	37.0	27.0	13.2	3.8	1.4
-50		3.3	10.6	22.9	35.7	43.4	48.6	51.0	51.0	48.6	43.4	35.7	22.9	10.6	3.3	
-60	1.1	3.0	8.2	17.8	30.4	40.9	47.5	50.2	50.2	47.5	40.9	30.4	17.8	8.2	3.0	1.1
-70		2.8	7.2	14.5	25.4	35.7	43.2	46.7	46.7	43.2	35.7	25.4	14.5	7.2	2.8	
-80	0.5	8.5		25.2		46.8		51.6		46.8		25.2		8.5		0.5
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



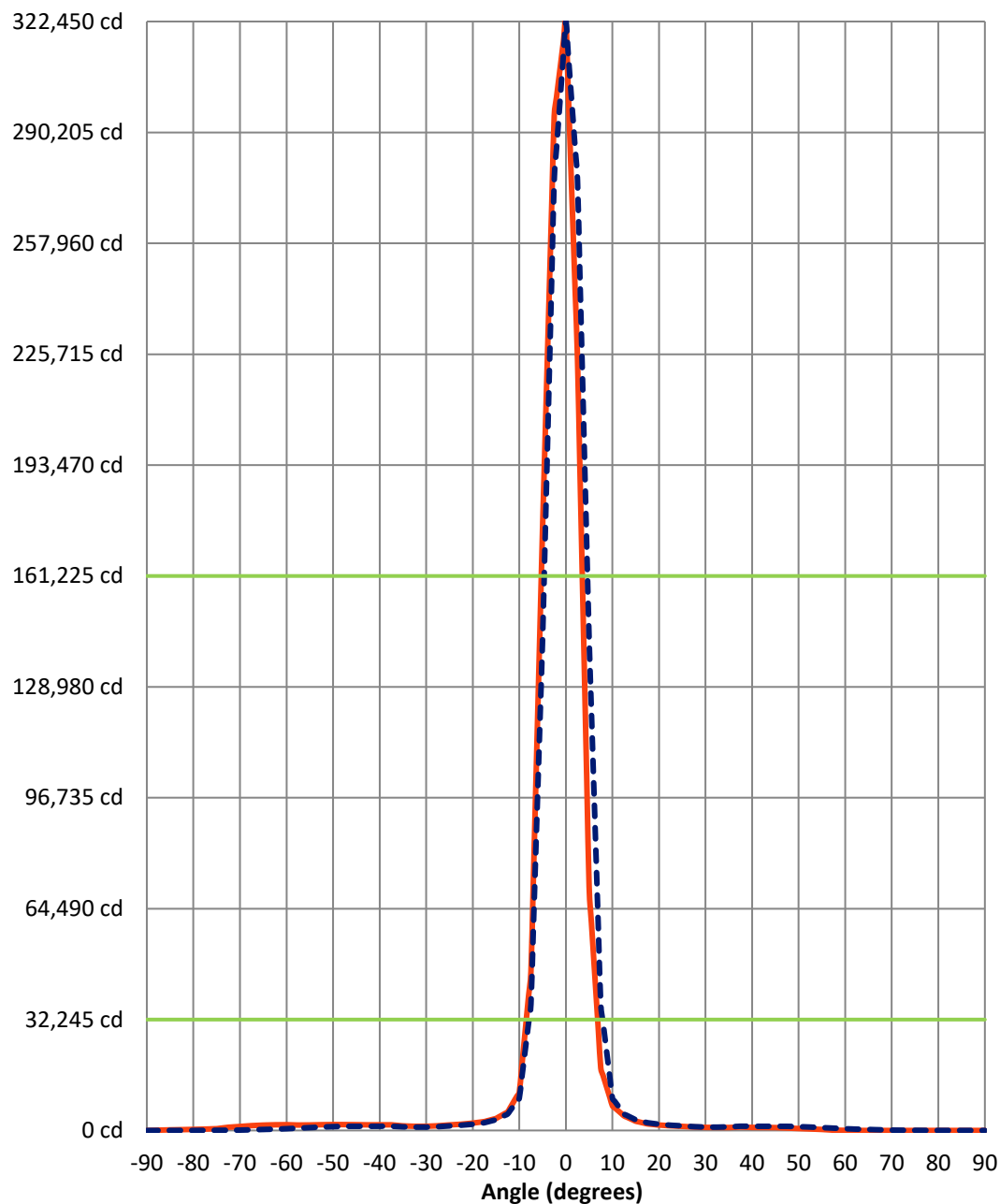
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4970.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7923.6

Efficiency: 57.8%

Spill:

Lumens: 5782.2

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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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	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	6.3	6.3	6.3	9.5	12.7	15.8	15.8	19.0
82.5°	0.0	3.2	3.2	6.3	6.3	9.5	9.5	15.8	19.0	22.1	28.5
80°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	12.7	15.8	22.1	25.3
77.5°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	9.5	12.7	15.8	19.0
75°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	6.3	9.5	9.5	12.7
72.5°	0.0	0.0	0.0	3.2	3.2	6.3	6.3	6.3	9.5	9.5	9.5
70°	0.0	0.0	0.0	3.2	3.2	6.3	6.3	6.3	9.5	9.5	9.5
67.5°	0.0	0.0	0.0	3.2	3.2	6.3	6.3	6.3	9.5	9.5	9.5
65°	0.0	0.0	0.0	3.2	3.2	6.3	6.3	9.5	9.5	9.5	9.5
62.5°	3.2	3.2	3.2	6.3	9.5	9.5	12.7	15.8	15.8	15.8	15.8
60°	31.6	34.8	38.0	38.0	34.8	34.8	38.0	38.0	38.0	38.0	38.0
57.5°	85.4	91.8	94.9	94.9	94.9	91.8	104.4	107.6	94.9	88.6	98.1
55°	297.4	306.9	300.6	291.1	272.1	250.0	243.6	240.5	243.6	227.8	202.5
52.5°	433.5	443.0	439.8	433.5	420.8	405.0	392.3	379.7	367.0	341.7	313.2
50°	563.2	566.3	563.2	556.9	544.2	528.4	503.1	474.6	449.3	443.0	417.6
47.5°	708.7	718.2	718.2	715.1	705.6	677.1	639.1	598.0	579.0	572.7	547.4
45°	838.4	844.8	847.9	851.1	847.9	819.5	784.7	762.5	721.4	708.7	708.7
42.5°	873.2	876.4	879.6	882.7	892.2	870.1	841.6	803.6	794.1	791.0	784.7
40°	885.9	879.6	882.7	885.9	889.1	873.2	851.1	829.0	822.6	816.3	816.3
37.5°	1006.1	977.7	955.5	936.5	920.7	904.9	882.7	863.8	847.9	835.3	847.9
35°	857.4	857.4	879.6	898.6	917.5	936.5	939.7	917.5	882.7	866.9	889.1
32.5°	876.4	876.4	876.4	882.7	889.1	904.9	920.7	930.2	955.5	927.0	927.0
30°	895.4	898.6	904.9	908.1	898.6	892.2	885.9	885.9	901.7	942.9	965.0
27.5°	1006.1	1006.1	996.6	984.0	955.5	911.2	889.1	857.4	860.6	879.6	933.4
25°	1186.5	1180.1	1158.0	1126.4	1075.7	1012.5	952.3	885.9	857.4	847.9	870.1
22.5°	1357.3	1347.8	1319.4	1290.9	1249.8	1186.5	1085.2	984.0	895.4	857.4	847.9
20°	1575.6	1553.5	1521.9	1477.6	1411.1	1347.8	1259.2	1126.4	996.6	898.6	860.6
17.5°	1926.8	1898.4	1838.2	1759.1	1645.2	1547.2	1420.6	1294.1	1148.5	990.3	904.9
15°	2695.7	2622.9	2518.5	2300.2	2075.5	1888.9	1699.0	1487.1	1338.3	1129.5	999.8
12.5°	4239.7	4040.3	3736.6	3227.2	2724.2	2290.7	1983.8	1711.7	1471.2	1278.2	1094.7
10°	7175.8	6748.7	5910.2	4518.1	3591.1	2793.8	2243.2	1879.4	1575.6	1376.3	1173.8
7.5°	18148.4	14804.1	10475.8	7153.7	4698.4	3413.9	2566.0	2037.6	1686.4	1439.6	1237.1
5°	70733.0	58267.1	31082.5	12972.1	7068.2	4128.9	2857.0	2164.1	1759.1	1487.1	1284.6
2.5°	224484.6	193857.7	101708.0	27924.9	8678.7	4651.0	3056.4	2243.2	1800.3	1521.9	1319.4
0°	322449.6	276351.0	142741.1	36727.0	9412.7	4783.9	3119.6	2259.1	1806.6	1528.2	1319.4
-2.5°	294986.6	258171.0	137887.6	34176.9	9618.4	4821.8	3170.3	2312.8	1854.1	1556.7	1328.9
-5°	175279.0	153745.3	96186.9	24368.7	8545.8	4477.0	3037.4	2265.4	1822.4	1540.8	1322.5
-7.5°	46180.8	39979.5	26298.7	12715.9	5530.6	3787.2	2790.6	2186.3	1781.3	1512.4	1297.2
-10°	11133.9	10551.7	9425.4	5777.4	4306.1	3163.9	2474.2	2043.9	1699.0	1474.4	1256.1
-12.5°	5369.2	5242.6	4758.6	3923.3	3195.6	2629.2	2240.1	1895.2	1623.1	1408.0	1199.1
-15°	3493.0	3420.2	3255.7	2936.1	2566.0	2293.9	2021.8	1743.3	1528.2	1309.9	1151.7
-17.5°	2584.9	2581.8	2499.5	2379.3	2195.8	1993.3	1794.0	1616.8	1408.0	1221.3	1101.1
-20°	2142.0	2142.0	2094.5	2015.4	1885.7	1752.8	1619.9	1455.4	1284.6	1145.3	1094.7

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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°	1819.3	1822.4	1797.1	1746.5	1676.9	1566.1	1436.4	1303.5	1180.1	1129.5	1113.7
-25°	1610.4	1604.1	1575.6	1528.2	1455.4	1366.8	1281.4	1192.8	1158.0	1145.3	1167.5
-27.5°	1363.7	1373.1	1360.5	1338.3	1290.9	1227.6	1208.6	1183.3	1189.6	1208.6	1294.1
-30°	1218.1	1227.6	1240.3	1249.8	1233.9	1218.1	1224.4	1243.4	1284.6	1357.3	1389.0
-32.5°	1218.1	1221.3	1240.3	1259.2	1268.7	1281.4	1316.2	1379.5	1439.6	1420.6	1414.3
-35°	1328.9	1319.4	1344.7	1370.0	1404.8	1449.1	1487.1	1474.4	1452.2	1445.9	1452.2
-37.5°	1645.2	1585.1	1559.8	1544.0	1534.5	1528.2	1518.7	1509.2	1499.7	1493.4	1502.9
-40°	1642.1	1626.3	1610.4	1597.8	1588.3	1575.6	1569.3	1566.1	1556.7	1550.3	1544.0
-42.5°	1635.8	1642.1	1642.1	1638.9	1642.1	1638.9	1629.4	1616.8	1601.0	1588.3	1575.6
-45°	1683.2	1686.4	1692.7	1699.0	1708.5	1695.9	1676.9	1654.7	1632.6	1613.6	1597.8
-47.5°	1711.7	1714.9	1721.2	1730.7	1737.0	1724.3	1699.0	1670.6	1635.8	1604.1	1572.5
-50°	1721.2	1730.7	1733.8	1733.8	1730.7	1714.9	1676.9	1635.8	1597.8	1566.1	1537.7
-52.5°	1676.9	1686.4	1689.5	1683.2	1680.1	1664.2	1629.4	1591.5	1550.3	1528.2	1502.9
-55°	1604.1	1616.8	1626.3	1626.3	1626.3	1623.1	1591.5	1556.7	1525.0	1499.7	1474.4
-57.5°	1575.6	1597.8	1616.8	1619.9	1623.1	1626.3	1604.1	1569.3	1531.3	1493.4	1461.7
-60°	1680.1	1699.0	1708.5	1695.9	1686.4	1676.9	1642.1	1601.0	1563.0	1525.0	1464.9
-62.5°	1651.6	1683.2	1699.0	1689.5	1676.9	1661.1	1623.1	1575.6	1531.3	1490.2	1430.1
-65°	1559.8	1588.3	1607.3	1591.5	1572.5	1550.3	1515.5	1471.2	1430.1	1389.0	1335.2
-67.5°	1404.8	1445.9	1477.6	1442.8	1417.4	1389.0	1360.5	1322.5	1281.4	1233.9	1183.3
-70°	1161.2	1192.8	1221.3	1211.8	1205.5	1199.1	1180.1	1142.2	1107.4	1069.4	1025.1
-72.5°	933.4	961.8	987.1	971.3	958.7	939.7	911.2	870.1	829.0	787.8	746.7
-75°	515.7	525.2	534.7	531.5	531.5	531.5	531.5	534.7	528.4	518.9	499.9
-77.5°	395.5	408.1	417.6	424.0	433.5	446.1	455.6	439.8	424.0	408.1	389.2
-80°	310.1	322.7	332.2	367.0	392.3	420.8	439.8	417.6	395.5	376.5	360.7
-82.5°	234.1	243.6	253.1	272.1	284.8	300.6	313.2	313.2	310.1	306.9	297.4
-85°	170.9	183.5	196.2	202.5	212.0	212.0	215.1	202.5	189.8	180.3	167.7
-87.5°	98.1	101.2	101.2	101.2	104.4	104.4	104.4	98.1	94.9	88.6	85.4
-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°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	12.7	12.7	15.8	15.8
85°	19.0	19.0	19.0	22.1	22.1	25.3	28.5	31.6	34.8	34.8	38.0
82.5°	31.6	34.8	38.0	41.1	44.3	47.5	50.6	53.8	63.3	69.6	72.8
80°	31.6	34.8	44.3	50.6	57.0	63.3	63.3	63.3	63.3	66.4	72.8
77.5°	22.1	25.3	28.5	34.8	50.6	63.3	72.8	79.1	72.8	69.6	63.3
75°	12.7	15.8	19.0	22.1	31.6	44.3	60.1	75.9	88.6	85.4	79.1
72.5°	12.7	12.7	15.8	19.0	22.1	25.3	28.5	44.3	63.3	79.1	88.6
70°	12.7	15.8	15.8	19.0	22.1	25.3	28.5	34.8	44.3	63.3	82.3
67.5°	12.7	15.8	15.8	22.1	28.5	31.6	34.8	31.6	28.5	41.1	60.1
65°	12.7	12.7	15.8	19.0	22.1	25.3	34.8	34.8	31.6	31.6	31.6
62.5°	19.0	19.0	19.0	19.0	22.1	22.1	22.1	28.5	28.5	28.5	28.5
60°	38.0	34.8	34.8	34.8	34.8	28.5	28.5	28.5	25.3	28.5	25.3
57.5°	91.8	75.9	69.6	69.6	60.1	57.0	47.5	34.8	34.8	28.5	28.5
55°	186.7	177.2	148.7	123.4	110.7	98.1	75.9	63.3	47.5	38.0	34.8
52.5°	287.9	262.6	237.3	205.7	174.0	148.7	126.6	98.1	79.1	57.0	44.3
50°	376.5	354.4	325.9	291.1	250.0	218.3	186.7	148.7	117.1	88.6	63.3
47.5°	512.6	468.3	433.5	392.3	344.9	300.6	259.4	215.1	164.5	129.7	98.1
45°	658.1	594.8	547.4	509.4	446.1	386.0	338.5	291.1	231.0	170.9	132.9
42.5°	759.3	711.9	648.6	598.0	541.0	477.8	414.5	363.9	300.6	231.0	170.9
40°	813.1	781.5	730.9	686.6	626.5	556.9	490.4	439.8	373.3	297.4	215.1
37.5°	854.3	838.4	813.1	778.3	721.4	639.1	572.7	512.6	455.6	367.0	278.4
35°	901.7	898.6	882.7	866.9	819.5	740.4	661.3	591.7	522.0	439.8	341.7
32.5°	946.0	942.9	933.4	927.0	908.1	838.4	753.0	673.9	594.8	509.4	401.8
30°	968.2	961.8	961.8	968.2	949.2	904.9	841.6	756.2	667.6	566.3	465.1
27.5°	968.2	961.8	965.0	974.5	971.3	949.2	901.7	832.1	734.0	620.1	522.0
25°	927.0	958.7	958.7	971.3	974.5	968.2	942.9	898.6	797.3	677.1	566.3
22.5°	870.1	946.0	974.5	971.3	974.5	990.3	993.5	952.3	857.4	734.0	610.6
20°	870.1	923.9	1006.1	984.0	990.3	1025.1	1040.9	1006.1	920.7	787.8	654.9
17.5°	889.1	923.9	993.5	1028.3	1037.8	1066.2	1091.6	1069.4	977.7	844.8	715.1
15°	942.9	936.5	984.0	1069.4	1085.2	1107.4	1135.9	1110.5	1028.3	908.1	772.0
12.5°	980.8	946.0	984.0	1075.7	1126.4	1148.5	1158.0	1139.0	1072.6	965.0	829.0
10°	1031.4	971.3	990.3	1069.4	1142.2	1158.0	1167.5	1161.2	1113.7	1012.5	879.6
7.5°	1069.4	984.0	984.0	1059.9	1158.0	1170.7	1177.0	1183.3	1148.5	1053.6	923.9
5°	1085.2	984.0	977.7	1050.4	1173.8	1186.5	1186.5	1196.0	1173.8	1085.2	955.5
2.5°	1088.4	980.8	971.3	1044.1	1202.3	1202.3	1196.0	1205.5	1192.8	1104.2	977.7
0°	1104.2	977.7	968.2	1053.6	1233.9	1221.3	1205.5	1208.6	1202.3	1113.7	990.3
-2.5°	1104.2	993.5	980.8	1059.9	1230.8	1227.6	1221.3	1224.4	1218.1	1142.2	1015.6
-5°	1120.0	1015.6	1003.0	1088.4	1227.6	1237.1	1240.3	1240.3	1230.8	1161.2	1031.4
-7.5°	1123.2	1031.4	1028.3	1116.9	1233.9	1249.8	1259.2	1265.6	1246.6	1173.8	1044.1
-10°	1107.4	1037.8	1053.6	1151.7	1240.3	1262.4	1281.4	1290.9	1259.2	1180.1	1050.4
-12.5°	1072.6	1037.8	1078.9	1196.0	1256.1	1281.4	1309.9	1313.0	1271.9	1183.3	1053.6
-15°	1069.4	1063.1	1123.2	1240.3	1265.6	1297.2	1341.5	1332.0	1281.4	1183.3	1053.6
-17.5°	1066.2	1097.9	1189.6	1256.1	1281.4	1316.2	1351.0	1341.5	1287.7	1183.3	1047.3
-20°	1094.7	1154.8	1268.7	1271.9	1300.4	1338.3	1357.3	1338.3	1278.2	1173.8	1037.8

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CATALOG NUMBER: IFLD-M-SA4C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1142.2	1256.1	1294.1	1306.7	1332.0	1360.5	1370.0	1341.5	1268.7	1158.0	1022.0
-25°	1262.4	1319.4	1319.4	1347.8	1373.1	1385.8	1376.3	1344.7	1256.1	1142.2	1006.1
-27.5°	1354.2	1351.0	1366.8	1395.3	1417.4	1417.4	1392.1	1328.9	1237.1	1126.4	984.0
-30°	1389.0	1392.1	1414.3	1445.9	1452.2	1436.4	1398.5	1316.2	1221.3	1101.1	955.5
-32.5°	1423.8	1436.4	1464.9	1480.7	1483.9	1452.2	1382.6	1294.1	1196.0	1072.6	923.9
-35°	1464.9	1490.2	1506.0	1509.2	1493.4	1439.6	1360.5	1265.6	1158.0	1031.4	895.4
-37.5°	1518.7	1531.3	1540.8	1528.2	1483.9	1420.6	1322.5	1227.6	1123.2	987.1	854.3
-40°	1553.5	1559.8	1563.0	1521.9	1468.1	1376.3	1281.4	1183.3	1063.1	936.5	810.0
-42.5°	1575.6	1569.3	1544.0	1499.7	1420.6	1332.0	1240.3	1129.5	1009.3	885.9	762.5
-45°	1569.3	1547.2	1509.2	1455.4	1373.1	1284.6	1177.0	1066.2	952.3	832.1	708.7
-47.5°	1544.0	1509.2	1461.7	1398.5	1322.5	1215.0	1107.4	999.8	889.1	772.0	658.1
-50°	1512.4	1471.2	1414.3	1335.2	1233.9	1135.9	1037.8	933.4	819.5	711.9	610.6
-52.5°	1477.6	1433.3	1360.5	1271.9	1161.2	1059.9	965.0	863.8	759.3	658.1	569.5
-55°	1439.6	1395.3	1313.0	1211.8	1101.1	990.3	898.6	813.1	711.9	613.8	534.7
-57.5°	1420.6	1363.7	1278.2	1177.0	1059.9	946.0	866.9	775.2	683.4	582.2	506.2
-60°	1404.8	1347.8	1268.7	1151.7	1040.9	933.4	841.6	753.0	654.9	560.0	484.1
-62.5°	1360.5	1300.4	1227.6	1113.7	1006.1	908.1	825.8	721.4	626.5	537.9	468.3
-65°	1271.9	1208.6	1145.3	1044.1	946.0	854.3	772.0	677.1	588.5	512.6	452.4
-67.5°	1132.7	1078.9	1022.0	936.5	854.3	772.0	696.1	613.8	541.0	487.2	455.6
-70°	977.7	920.7	863.8	794.1	724.5	658.1	598.0	537.9	490.4	461.9	436.6
-72.5°	711.9	686.6	658.1	604.3	547.4	506.2	477.8	452.4	417.6	392.3	376.5
-75°	474.6	439.8	395.5	376.5	379.7	373.3	357.5	338.5	322.7	313.2	291.1
-77.5°	370.2	351.2	329.0	306.9	297.4	287.9	275.3	259.4	246.8	224.6	193.0
-80°	341.7	325.9	310.1	294.2	278.4	256.3	231.0	205.7	193.0	183.5	180.3
-82.5°	281.6	262.6	243.6	227.8	205.7	189.8	174.0	161.4	161.4	158.2	155.0
-85°	161.4	155.0	145.5	139.2	132.9	123.4	113.9	107.6	104.4	101.2	98.1
-87.5°	82.3	79.1	72.8	69.6	66.4	63.3	57.0	53.8	50.6	50.6	47.5
-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°	15.8	15.8	12.7	12.7	12.7	9.5	6.3	6.3	3.2	3.2	0.0
85°	38.0	31.6	28.5	25.3	25.3	19.0	12.7	9.5	6.3	3.2	3.2
82.5°	72.8	63.3	53.8	47.5	38.0	28.5	22.1	15.8	9.5	6.3	3.2
80°	82.3	82.3	79.1	66.4	53.8	41.1	28.5	19.0	12.7	9.5	6.3
77.5°	63.3	69.6	69.6	69.6	66.4	50.6	34.8	22.1	12.7	9.5	6.3
75°	72.8	63.3	60.1	63.3	60.1	50.6	41.1	25.3	15.8	12.7	6.3
72.5°	88.6	75.9	66.4	63.3	57.0	47.5	38.0	28.5	15.8	12.7	9.5
70°	82.3	79.1	72.8	66.4	57.0	47.5	38.0	28.5	19.0	12.7	9.5
67.5°	72.8	72.8	72.8	66.4	57.0	44.3	34.8	25.3	19.0	12.7	9.5
65°	50.6	60.1	66.4	63.3	57.0	44.3	34.8	25.3	19.0	15.8	9.5
62.5°	31.6	41.1	53.8	60.1	53.8	44.3	31.6	25.3	19.0	15.8	9.5
60°	28.5	31.6	38.0	47.5	50.6	41.1	31.6	22.1	19.0	15.8	9.5
57.5°	28.5	28.5	31.6	38.0	41.1	38.0	28.5	19.0	19.0	15.8	12.7
55°	31.6	28.5	28.5	31.6	34.8	34.8	28.5	19.0	19.0	15.8	12.7
52.5°	38.0	31.6	28.5	28.5	28.5	31.6	25.3	19.0	19.0	15.8	12.7
50°	47.5	38.0	34.8	28.5	28.5	28.5	25.3	19.0	15.8	15.8	12.7
47.5°	63.3	50.6	38.0	34.8	28.5	25.3	22.1	19.0	15.8	15.8	12.7
45°	94.9	60.1	50.6	38.0	31.6	28.5	25.3	19.0	15.8	15.8	12.7
42.5°	129.7	88.6	63.3	44.3	34.8	28.5	25.3	22.1	15.8	15.8	12.7
40°	164.5	120.2	79.1	57.0	41.1	31.6	25.3	22.1	19.0	15.8	12.7
37.5°	202.5	148.7	104.4	72.8	47.5	34.8	28.5	22.1	19.0	15.8	12.7
35°	250.0	186.7	129.7	88.6	57.0	41.1	31.6	22.1	19.0	15.8	12.7
32.5°	303.7	221.5	155.0	107.6	72.8	50.6	34.8	25.3	19.0	15.8	12.7
30°	354.4	262.6	183.5	129.7	88.6	57.0	38.0	25.3	19.0	15.8	9.5
27.5°	405.0	303.7	218.3	151.9	107.6	66.4	41.1	28.5	19.0	15.8	12.7
25°	455.6	344.9	253.1	174.0	123.4	79.1	50.6	31.6	19.0	15.8	12.7
22.5°	499.9	386.0	284.8	199.3	142.4	91.8	57.0	34.8	22.1	15.8	12.7
20°	550.5	430.3	319.6	227.8	158.2	104.4	63.3	38.0	22.1	15.8	12.7
17.5°	598.0	474.6	354.4	253.1	177.2	117.1	72.8	41.1	25.3	15.8	12.7
15°	645.4	515.7	386.0	278.4	196.2	129.7	79.1	44.3	28.5	15.8	12.7
12.5°	689.7	553.7	414.5	300.6	212.0	142.4	85.4	47.5	31.6	15.8	12.7
10°	730.9	588.5	443.0	319.6	227.8	151.9	91.8	53.8	34.8	15.8	12.7
7.5°	772.0	617.0	465.1	338.5	246.8	164.5	98.1	57.0	38.0	19.0	12.7
5°	797.3	642.3	484.1	354.4	262.6	177.2	104.4	60.1	41.1	19.0	12.7
2.5°	819.5	661.3	496.7	370.2	278.4	186.7	104.4	63.3	44.3	19.0	12.7
0°	832.1	673.9	506.2	379.7	291.1	193.0	107.6	66.4	47.5	19.0	12.7
-2.5°	860.6	696.1	528.4	392.3	303.7	212.0	113.9	69.6	50.6	22.1	12.7
-5°	879.6	708.7	544.2	405.0	313.2	231.0	123.4	75.9	57.0	28.5	15.8
-7.5°	895.4	721.4	556.9	411.3	322.7	237.3	126.6	79.1	60.1	31.6	15.8
-10°	898.6	727.7	566.3	420.8	329.0	246.8	129.7	82.3	63.3	34.8	15.8
-12.5°	901.7	734.0	569.5	427.1	335.4	253.1	132.9	85.4	66.4	38.0	15.8
-15°	898.6	730.9	569.5	433.5	338.5	246.8	139.2	88.6	69.6	41.1	15.8
-17.5°	892.2	727.7	566.3	430.3	335.4	240.5	142.4	94.9	69.6	44.3	19.0
-20°	882.7	718.2	560.0	427.1	332.2	234.1	145.5	98.1	72.8	44.3	19.0

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CATALOG NUMBER: IFLD-M-SA4C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	866.9	702.4	547.4	417.6	325.9	227.8	145.5	104.4	75.9	44.3	19.0
-25°	847.9	686.6	534.7	405.0	316.4	218.3	145.5	107.6	79.1	44.3	19.0
-27.5°	825.8	670.8	515.7	395.5	303.7	212.0	145.5	110.7	82.3	44.3	19.0
-30°	800.5	648.6	499.9	379.7	294.2	212.0	148.7	113.9	85.4	44.3	19.0
-32.5°	775.2	626.5	480.9	367.0	281.6	208.8	148.7	117.1	88.6	41.1	22.1
-35°	746.7	601.1	465.1	357.5	272.1	202.5	151.9	117.1	85.4	41.1	22.1
-37.5°	711.9	569.5	449.3	348.0	265.8	196.2	151.9	120.2	82.3	41.1	22.1
-40°	673.9	544.2	430.3	335.4	256.3	193.0	151.9	120.2	79.1	41.1	25.3
-42.5°	632.8	515.7	411.3	322.7	246.8	189.8	151.9	120.2	75.9	41.1	25.3
-45°	594.8	487.2	389.2	306.9	237.3	189.8	151.9	117.1	69.6	44.3	25.3
-47.5°	553.7	455.6	363.9	291.1	234.1	186.7	148.7	110.7	63.3	44.3	25.3
-50°	518.9	424.0	344.9	275.3	227.8	189.8	151.9	101.2	63.3	44.3	25.3
-52.5°	484.1	401.8	322.7	268.9	221.5	193.0	148.7	94.9	63.3	44.3	25.3
-55°	455.6	379.7	310.1	259.4	227.8	199.3	142.4	85.4	63.3	44.3	25.3
-57.5°	433.5	367.0	300.6	262.6	237.3	193.0	132.9	82.3	63.3	41.1	25.3
-60°	417.6	354.4	303.7	275.3	240.5	183.5	126.6	82.3	63.3	41.1	22.1
-62.5°	405.0	357.5	319.6	284.8	227.8	170.9	120.2	82.3	57.0	38.0	22.1
-65°	408.1	370.2	325.9	272.1	218.3	158.2	110.7	79.1	53.8	34.8	22.1
-67.5°	417.6	360.7	306.9	256.3	196.2	142.4	101.2	72.8	50.6	34.8	22.1
-70°	386.0	332.2	278.4	218.3	167.7	123.4	94.9	66.4	44.3	31.6	22.1
-72.5°	348.0	278.4	221.5	177.2	142.4	113.9	85.4	60.1	41.1	28.5	19.0
-75°	253.1	202.5	164.5	148.7	126.6	101.2	75.9	53.8	38.0	28.5	19.0
-77.5°	180.3	167.7	151.9	136.0	113.9	88.6	66.4	50.6	34.8	25.3	15.8
-80°	177.2	161.4	142.4	117.1	94.9	75.9	57.0	44.3	31.6	22.1	12.7
-82.5°	148.7	126.6	107.6	88.6	72.8	60.1	47.5	34.8	25.3	15.8	9.5
-85°	91.8	79.1	69.6	60.1	50.6	41.1	31.6	22.1	15.8	9.5	6.3
-87.5°	44.3	41.1	34.8	28.5	25.3	19.0	15.8	12.7	9.5	6.3	3.2
-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°	3.2	0.0	0.0	0.0
80°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	6.3	3.2	3.2	0.0
67.5°	6.3	3.2	3.2	0.0
65°	6.3	3.2	3.2	0.0
62.5°	6.3	3.2	3.2	0.0
60°	6.3	3.2	3.2	0.0
57.5°	6.3	3.2	3.2	0.0
55°	6.3	3.2	3.2	0.0
52.5°	6.3	3.2	3.2	0.0
50°	6.3	3.2	3.2	0.0
47.5°	6.3	6.3	3.2	0.0
45°	6.3	6.3	3.2	0.0
42.5°	6.3	6.3	3.2	0.0
40°	6.3	6.3	3.2	0.0
37.5°	6.3	6.3	3.2	0.0
35°	6.3	6.3	3.2	0.0
32.5°	9.5	6.3	3.2	0.0
30°	9.5	6.3	6.3	0.0
27.5°	9.5	6.3	6.3	0.0
25°	9.5	6.3	6.3	0.0
22.5°	9.5	6.3	6.3	0.0
20°	9.5	6.3	6.3	0.0
17.5°	9.5	6.3	6.3	0.0
15°	9.5	6.3	6.3	0.0
12.5°	9.5	6.3	6.3	0.0
10°	9.5	6.3	6.3	0.0
7.5°	9.5	6.3	6.3	0.0
5°	9.5	6.3	6.3	0.0
2.5°	9.5	6.3	6.3	0.0
0°	9.5	6.3	6.3	0.0
-2.5°	9.5	6.3	6.3	0.0
-5°	9.5	6.3	6.3	0.0
-7.5°	9.5	6.3	6.3	0.0
-10°	9.5	6.3	6.3	0.0
-12.5°	12.7	6.3	6.3	0.0
-15°	12.7	6.3	6.3	0.0
-17.5°	12.7	6.3	6.3	0.0
-20°	12.7	6.3	6.3	0.0

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CATALOG NUMBER: IFLD-M-SA4C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.7	6.3	6.3	0.0
-25°	12.7	6.3	6.3	0.0
-27.5°	12.7	6.3	6.3	0.0
-30°	12.7	6.3	6.3	0.0
-32.5°	12.7	6.3	6.3	0.0
-35°	12.7	6.3	6.3	0.0
-37.5°	12.7	6.3	6.3	0.0
-40°	12.7	6.3	6.3	0.0
-42.5°	9.5	6.3	3.2	0.0
-45°	12.7	6.3	3.2	0.0
-47.5°	12.7	6.3	3.2	0.0
-50°	12.7	6.3	3.2	0.0
-52.5°	12.7	6.3	3.2	0.0
-55°	12.7	6.3	3.2	0.0
-57.5°	12.7	6.3	3.2	0.0
-60°	12.7	6.3	3.2	0.0
-62.5°	12.7	6.3	3.2	0.0
-65°	12.7	6.3	3.2	0.0
-67.5°	12.7	6.3	3.2	0.0
-70°	12.7	3.2	3.2	0.0
-72.5°	9.5	3.2	3.2	0.0
-75°	9.5	3.2	3.2	0.0
-77.5°	6.3	3.2	0.0	0.0
-80°	6.3	3.2	0.0	0.0
-82.5°	6.3	3.2	0.0	0.0
-85°	3.2	0.0	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)