

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: P723682

Luminaire Tested: **IFLD-L-SA7A-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723682
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15088.8 lumens	Max Intensity:	354985.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	5471.8 lumens	Field Lumens:	8723.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

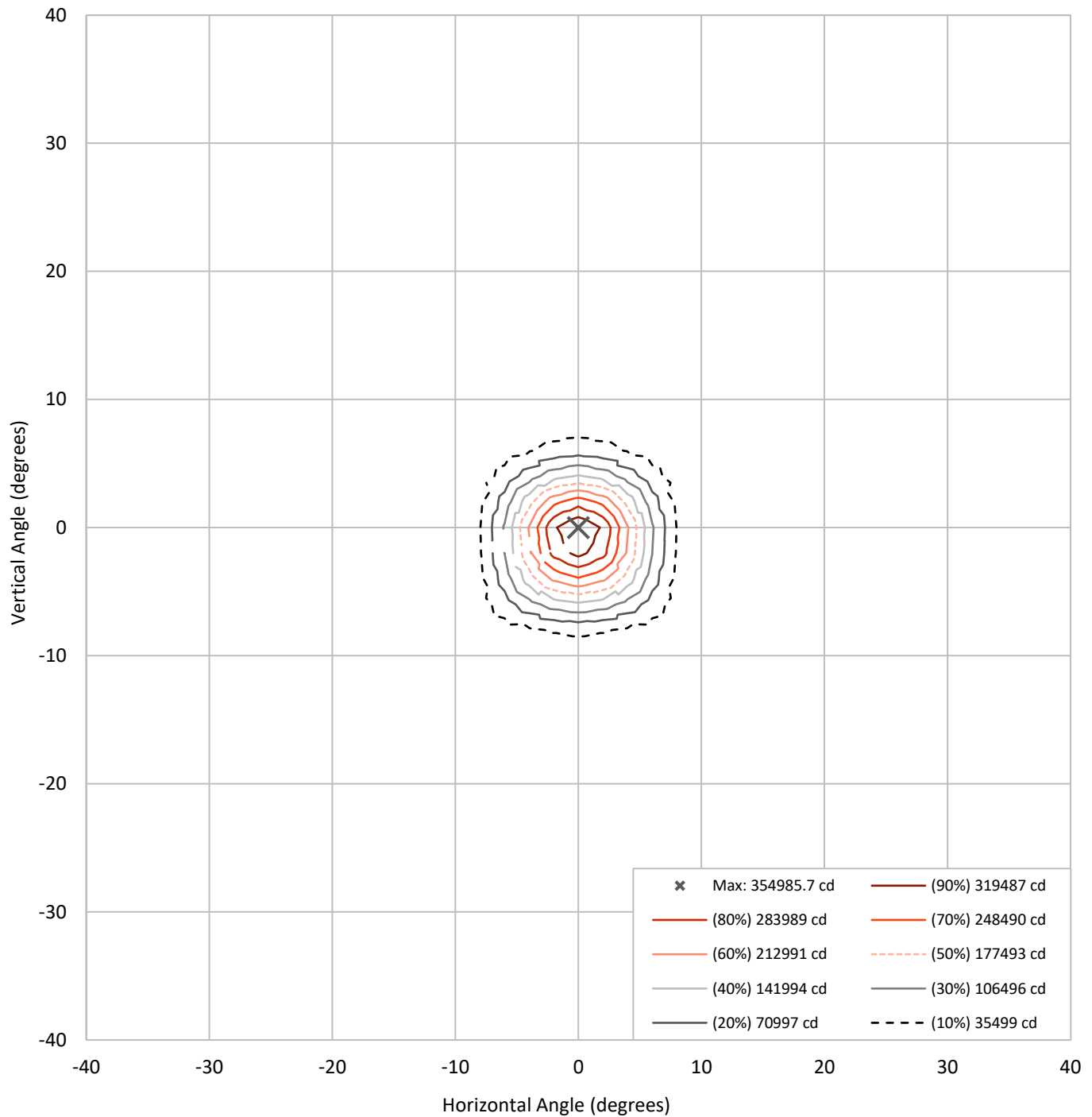
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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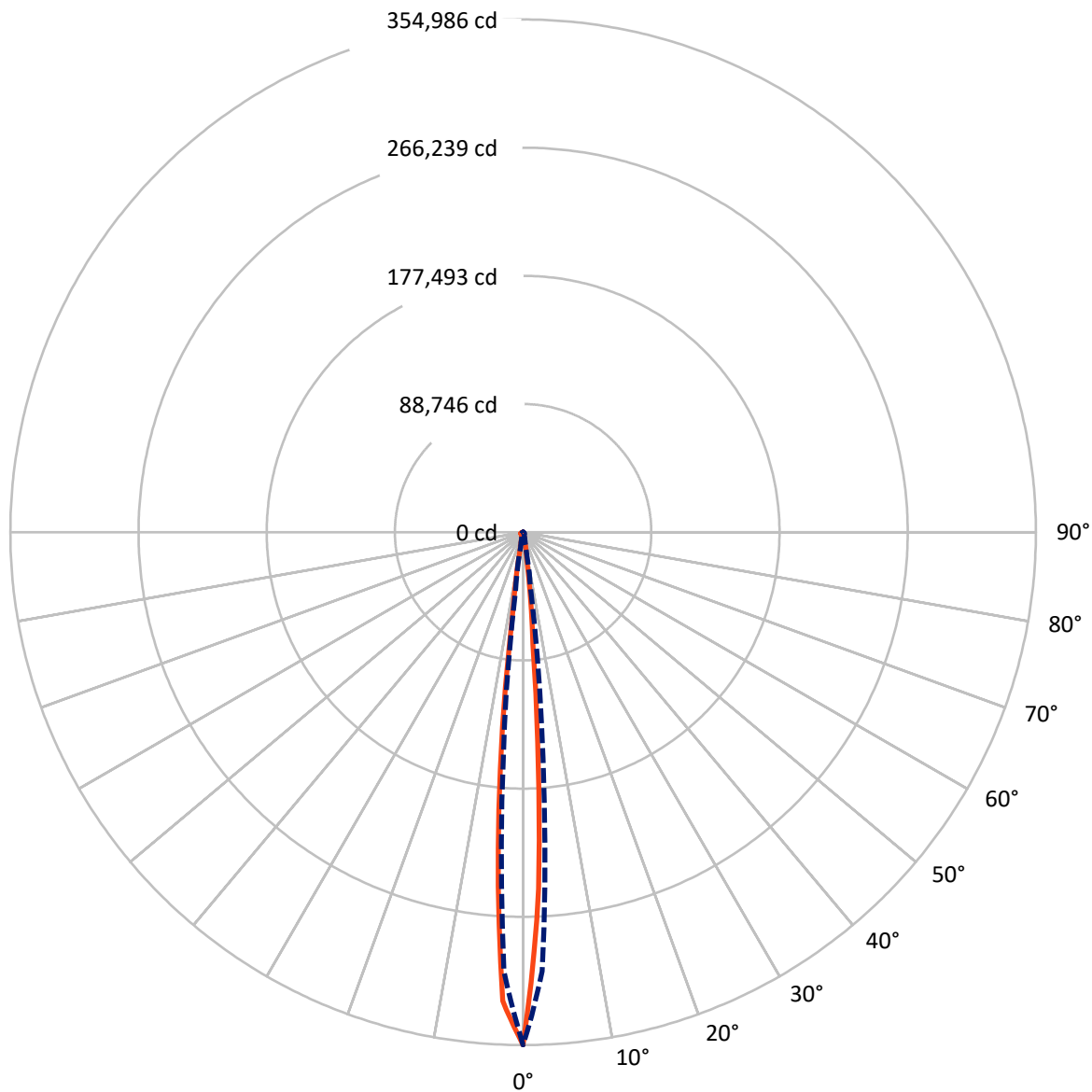
Lumen Table

Vertical Angle (degrees)																
	0.3	3.4		3.6		1.4		0.4		1.4		3.6		3.4		0.3
90																
80	0.3	3.4		3.6		1.4		0.4		1.4		3.6		3.4		0.3
70																
60	0.4	0.8	1.0	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	1.0	0.8	0.4
50		0.5	0.7	1.8	3.9	6.4	8.2	9.4	9.4	8.2	6.4	3.9	1.8	0.7	0.5	
40	0.4	0.5	2.1	6.9	13.5	19.8	23.8	26.4	26.4	23.8	19.8	13.5	6.9	2.1	0.5	0.4
30		1.0	5.2	14.1	22.9	26.9	29.1	30.1	30.1	29.1	26.9	22.9	14.1	5.2	1.0	
20	0.6	2.0	8.9	20.5	26.6	27.4	32.3	38.9	38.9	32.3	27.4	26.6	20.5	8.9	2.0	0.6
10		3.1	12.5	25.2	28.4	32.0	56.2	95.8	95.8	56.2	32.0	28.4	25.2	12.5	3.1	
0	1.0	4.0	15.4	27.7	29.4	39.5	106.9	1980.8	1980.8	106.9	39.5	29.4	27.7	15.4	4.0	1.0
-10		4.7	16.8	29.1	30.5	40.8	115.1	2888.2	2888.2	115.1	40.8	30.5	29.1	16.8	4.7	
-20	1.4	5.0	17.3	30.7	33.0	36.8	66.9	128.5	128.5	66.9	36.8	33.0	30.7	17.3	5.0	1.4
-30		4.7	16.4	31.1	37.0	37.1	43.3	52.9	52.9	43.3	37.1	37.0	31.1	16.4	4.7	
-40	1.6	4.2	14.5	29.7	40.7	44.4	46.2	46.6	46.6	46.2	44.4	40.7	29.7	14.5	4.2	1.6
-50		3.7	11.7	25.2	39.3	47.8	53.5	56.1	56.1	53.5	47.8	39.3	25.2	11.7	3.7	
-60	1.3	3.3	9.0	19.5	33.5	45.0	52.3	55.3	55.3	52.3	45.0	33.5	19.5	9.0	3.3	1.3
-70		3.1	7.9	15.9	27.9	39.3	47.6	51.4	51.4	47.6	39.3	27.9	15.9	7.9	3.1	
-80	0.6	9.3		27.8		51.5		56.8		51.5		27.8		9.3		0.6
-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



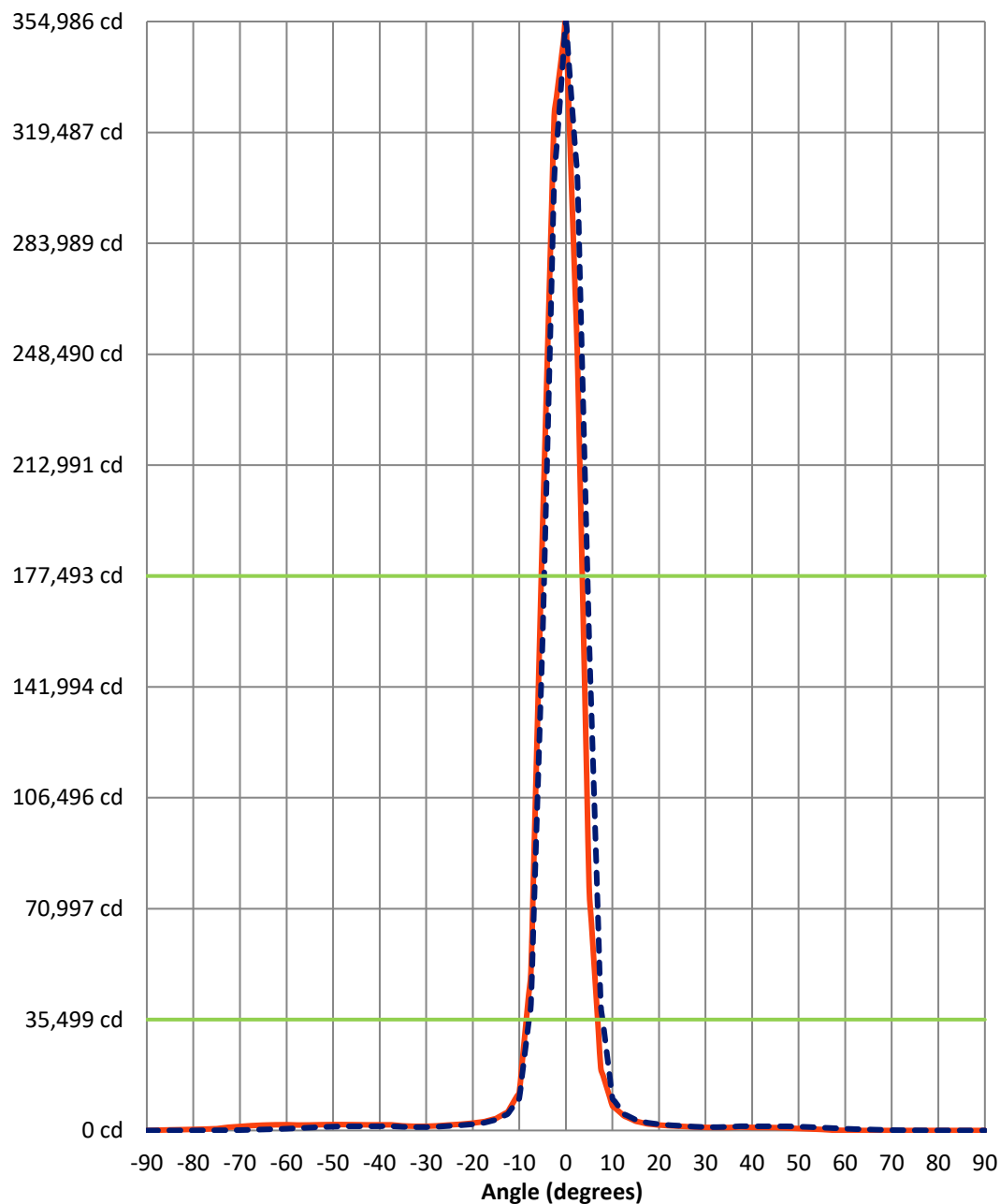
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5471.8

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8723.1

Efficiency: 57.8%

Spill:

Lumens: 6365.6

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	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	7.0	7.0	7.0	10.4	13.9	17.4	17.4	20.9
82.5°	0.0	3.5	3.5	7.0	7.0	10.4	10.4	17.4	20.9	24.4	31.3
80°	3.5	3.5	3.5	7.0	7.0	10.4	10.4	13.9	17.4	24.4	27.9
77.5°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	10.4	13.9	17.4	20.9
75°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.4	10.4	13.9
72.5°	0.0	0.0	0.0	3.5	3.5	7.0	7.0	7.0	10.4	10.4	10.4
70°	0.0	0.0	0.0	3.5	3.5	7.0	7.0	7.0	10.4	10.4	10.4
67.5°	0.0	0.0	0.0	3.5	3.5	7.0	7.0	7.0	10.4	10.4	10.4
65°	0.0	0.0	0.0	3.5	3.5	7.0	7.0	10.4	10.4	10.4	10.4
62.5°	3.5	3.5	3.5	7.0	10.4	10.4	13.9	17.4	17.4	17.4	17.4
60°	34.8	38.3	41.8	41.8	38.3	38.3	41.8	41.8	41.8	41.8	41.8
57.5°	94.0	101.0	104.5	104.5	104.5	101.0	114.9	118.4	104.5	97.5	108.0
55°	327.4	337.9	330.9	320.5	299.6	275.2	268.2	264.7	268.2	250.8	222.9
52.5°	477.2	487.6	484.2	477.2	463.3	445.8	431.9	418.0	404.0	376.2	344.8
50°	620.0	623.5	620.0	613.0	599.1	581.7	553.8	522.5	494.6	487.6	459.8
47.5°	780.2	790.7	790.7	787.2	776.8	745.4	703.6	658.3	637.4	630.5	602.6
45°	923.0	930.0	933.5	937.0	933.5	902.1	863.8	839.4	794.2	780.2	780.2
42.5°	961.4	964.8	968.3	971.8	982.3	957.9	926.5	884.7	874.3	870.8	863.8
40°	975.3	968.3	971.8	975.3	978.8	961.4	937.0	912.6	905.6	898.7	898.7
37.5°	1107.7	1076.3	1051.9	1031.0	1013.6	996.2	971.8	950.9	933.5	919.6	933.5
35°	943.9	943.9	968.3	989.2	1010.1	1031.0	1034.5	1010.1	971.8	954.4	978.8
32.5°	964.8	964.8	964.8	971.8	978.8	996.2	1013.6	1024.1	1051.9	1020.6	1020.6
30°	985.7	989.2	996.2	999.7	989.2	982.3	975.3	975.3	992.7	1038.0	1062.4
27.5°	1107.7	1107.7	1097.2	1083.3	1051.9	1003.2	978.8	943.9	947.4	968.3	1027.5
25°	1306.2	1299.2	1274.8	1240.0	1184.3	1114.6	1048.4	975.3	943.9	933.5	957.9
22.5°	1494.3	1483.8	1452.5	1421.1	1375.9	1306.2	1194.7	1083.3	985.7	943.9	933.5
20°	1734.6	1710.2	1675.4	1626.6	1553.5	1483.8	1386.3	1240.0	1097.2	989.2	947.4
17.5°	2121.3	2089.9	2023.7	1936.7	1811.3	1703.3	1564.0	1424.6	1264.4	1090.2	996.2
15°	2967.7	2887.6	2772.6	2532.3	2285.0	2079.5	1870.5	1637.1	1473.4	1243.5	1100.7
12.5°	4667.5	4448.0	4113.6	3552.9	2999.0	2521.8	2184.0	1884.4	1619.7	1407.2	1205.2
10°	7899.9	7429.6	6506.6	4974.0	3953.4	3075.7	2469.6	2069.0	1734.6	1515.2	1292.3
7.5°	19979.6	16297.8	11532.8	7875.5	5172.5	3758.4	2824.9	2243.2	1856.5	1584.9	1361.9
5°	77870.2	64146.4	34218.8	14281.1	7781.4	4545.6	3145.3	2382.5	1936.7	1637.1	1414.2
2.5°	247135.7	213418.5	111970.6	30742.6	9554.4	5120.3	3364.8	2469.6	1981.9	1675.4	1452.5
0°	354985.7	304235.7	157144.1	40432.9	10362.5	5266.6	3434.4	2487.0	1988.9	1682.4	1452.5
-2.5°	324751.7	284221.3	151800.9	37625.4	10588.9	5308.4	3490.2	2546.2	2041.1	1713.7	1462.9
-5°	192965.2	169258.6	105892.4	26827.5	9408.1	4928.7	3343.9	2494.0	2006.3	1696.3	1456.0
-7.5°	50840.6	44013.6	28952.3	13998.9	6088.6	4169.4	3072.2	2406.9	1961.0	1665.0	1428.1
-10°	12257.3	11616.4	10376.4	6360.3	4740.6	3483.2	2723.9	2250.1	1870.5	1623.2	1382.8
-12.5°	5911.0	5771.6	5238.7	4319.2	3518.0	2894.5	2466.1	2086.4	1786.9	1550.0	1320.1
-15°	3845.4	3765.3	3584.2	3232.4	2824.9	2525.3	2225.8	1919.2	1682.4	1442.0	1267.9
-17.5°	2845.8	2842.3	2751.7	2619.4	2417.3	2194.4	1975.0	1779.9	1550.0	1344.5	1212.1
-20°	2358.1	2358.1	2305.9	2218.8	2076.0	1929.7	1783.4	1602.3	1414.2	1260.9	1205.2

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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°	2002.8	2006.3	1978.5	1922.7	1846.1	1724.2	1581.4	1435.1	1299.2	1243.5	1226.1
-25°	1772.9	1766.0	1734.6	1682.4	1602.3	1504.7	1410.7	1313.2	1274.8	1260.9	1285.3
-27.5°	1501.3	1511.7	1497.8	1473.4	1421.1	1351.5	1330.6	1302.7	1309.7	1330.6	1424.6
-30°	1341.0	1351.5	1365.4	1375.9	1358.4	1341.0	1348.0	1368.9	1414.2	1494.3	1529.1
-32.5°	1341.0	1344.5	1365.4	1386.3	1396.8	1410.7	1449.0	1518.7	1584.9	1564.0	1557.0
-35°	1462.9	1452.5	1480.4	1508.2	1546.5	1595.3	1637.1	1623.2	1598.8	1591.8	1598.8
-37.5°	1811.3	1745.1	1717.2	1699.8	1689.3	1682.4	1671.9	1661.5	1651.0	1644.1	1654.5
-40°	1807.8	1790.4	1772.9	1759.0	1748.6	1734.6	1727.7	1724.2	1713.7	1706.8	1699.8
-42.5°	1800.8	1807.8	1807.8	1804.3	1807.8	1804.3	1793.8	1779.9	1762.5	1748.6	1734.6
-45°	1853.1	1856.5	1863.5	1870.5	1880.9	1867.0	1846.1	1821.7	1797.3	1776.4	1759.0
-47.5°	1884.4	1887.9	1894.9	1905.3	1912.3	1898.3	1870.5	1839.1	1800.8	1766.0	1731.1
-50°	1894.9	1905.3	1908.8	1908.8	1905.3	1887.9	1846.1	1800.8	1759.0	1724.2	1692.8
-52.5°	1846.1	1856.5	1860.0	1853.1	1849.6	1832.2	1793.8	1752.0	1706.8	1682.4	1654.5
-55°	1766.0	1779.9	1790.4	1790.4	1790.4	1786.9	1752.0	1713.7	1678.9	1651.0	1623.2
-57.5°	1734.6	1759.0	1779.9	1783.4	1786.9	1790.4	1766.0	1727.7	1685.9	1644.1	1609.2
-60°	1849.6	1870.5	1880.9	1867.0	1856.5	1846.1	1807.8	1762.5	1720.7	1678.9	1612.7
-62.5°	1818.2	1853.1	1870.5	1860.0	1846.1	1828.7	1786.9	1734.6	1685.9	1640.6	1574.4
-65°	1717.2	1748.6	1769.5	1752.0	1731.1	1706.8	1668.4	1619.7	1574.4	1529.1	1469.9
-67.5°	1546.5	1591.8	1626.6	1588.3	1560.5	1529.1	1497.8	1456.0	1410.7	1358.4	1302.7
-70°	1278.3	1313.2	1344.5	1334.1	1327.1	1320.1	1299.2	1257.4	1219.1	1177.3	1128.6
-72.5°	1027.5	1058.9	1086.8	1069.3	1055.4	1034.5	1003.2	957.9	912.6	867.3	822.0
-75°	567.8	578.2	588.7	585.2	585.2	585.2	585.2	588.7	581.7	571.2	550.3
-77.5°	435.4	449.3	459.8	466.7	477.2	491.1	501.6	484.2	466.7	449.3	428.4
-80°	341.4	355.3	365.7	404.0	431.9	463.3	484.2	459.8	435.4	414.5	397.1
-82.5°	257.8	268.2	278.7	299.6	313.5	330.9	344.8	344.8	341.4	337.9	327.4
-85°	188.1	202.0	216.0	222.9	233.4	233.4	236.9	222.9	209.0	198.5	184.6
-87.5°	108.0	111.5	111.5	111.5	114.9	114.9	114.9	108.0	104.5	97.5	94.0
-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°	3.5	3.5	3.5	7.0	7.0	10.4	10.4	13.9	13.9	17.4	17.4
85°	20.9	20.9	20.9	24.4	24.4	27.9	31.3	34.8	38.3	38.3	41.8
82.5°	34.8	38.3	41.8	45.3	48.8	52.2	55.7	59.2	69.7	76.6	80.1
80°	34.8	38.3	48.8	55.7	62.7	69.7	69.7	69.7	69.7	73.1	80.1
77.5°	24.4	27.9	31.3	38.3	55.7	69.7	80.1	87.1	80.1	76.6	69.7
75°	13.9	17.4	20.9	24.4	34.8	48.8	66.2	83.6	97.5	94.0	87.1
72.5°	13.9	13.9	17.4	20.9	24.4	27.9	31.3	48.8	69.7	87.1	97.5
70°	13.9	17.4	17.4	20.9	24.4	27.9	31.3	38.3	48.8	69.7	90.6
67.5°	13.9	17.4	17.4	24.4	31.3	34.8	38.3	34.8	31.3	45.3	66.2
65°	13.9	13.9	17.4	20.9	24.4	27.9	38.3	38.3	34.8	34.8	34.8
62.5°	20.9	20.9	20.9	20.9	24.4	24.4	24.4	31.3	31.3	31.3	31.3
60°	41.8	38.3	38.3	38.3	38.3	31.3	31.3	31.3	27.9	31.3	27.9
57.5°	101.0	83.6	76.6	76.6	66.2	62.7	52.2	38.3	38.3	31.3	31.3
55°	205.5	195.1	163.7	135.8	121.9	108.0	83.6	69.7	52.2	41.8	38.3
52.5°	317.0	289.1	261.2	226.4	191.6	163.7	139.3	108.0	87.1	62.7	48.8
50°	414.5	390.1	358.8	320.5	275.2	240.3	205.5	163.7	128.9	97.5	69.7
47.5°	564.3	515.5	477.2	431.9	379.7	330.9	285.6	236.9	181.1	142.8	108.0
45°	724.5	654.8	602.6	560.8	491.1	424.9	372.7	320.5	254.3	188.1	146.3
42.5°	836.0	783.7	714.1	658.3	595.6	526.0	456.3	400.6	330.9	254.3	188.1
40°	895.2	860.3	804.6	755.9	689.7	613.0	539.9	484.2	411.0	327.4	236.9
37.5°	940.5	923.0	895.2	856.9	794.2	703.6	630.5	564.3	501.6	404.0	306.5
35°	992.7	989.2	971.8	954.4	902.1	815.1	728.0	651.4	574.7	484.2	376.2
32.5°	1041.5	1038.0	1027.5	1020.6	999.7	923.0	829.0	741.9	654.8	560.8	442.4
30°	1065.9	1058.9	1058.9	1065.9	1045.0	996.2	926.5	832.5	735.0	623.5	512.0
27.5°	1065.9	1058.9	1062.4	1072.8	1069.3	1045.0	992.7	916.1	808.1	682.7	574.7
25°	1020.6	1055.4	1055.4	1069.3	1072.8	1065.9	1038.0	989.2	877.8	745.4	623.5
22.5°	957.9	1041.5	1072.8	1069.3	1072.8	1090.2	1093.7	1048.4	943.9	808.1	672.3
20°	957.9	1017.1	1107.7	1083.3	1090.2	1128.6	1146.0	1107.7	1013.6	867.3	721.0
17.5°	978.8	1017.1	1093.7	1132.0	1142.5	1173.8	1201.7	1177.3	1076.3	930.0	787.2
15°	1038.0	1031.0	1083.3	1177.3	1194.7	1219.1	1250.5	1222.6	1132.0	999.7	849.9
12.5°	1079.8	1041.5	1083.3	1184.3	1240.0	1264.4	1274.8	1253.9	1180.8	1062.4	912.6
10°	1135.5	1069.3	1090.2	1177.3	1257.4	1274.8	1285.3	1278.3	1226.1	1114.6	968.3
7.5°	1177.3	1083.3	1083.3	1166.9	1274.8	1288.8	1295.7	1302.7	1264.4	1159.9	1017.1
5°	1194.7	1083.3	1076.3	1156.4	1292.3	1306.2	1306.2	1316.6	1292.3	1194.7	1051.9
2.5°	1198.2	1079.8	1069.3	1149.5	1323.6	1323.6	1316.6	1327.1	1313.2	1215.6	1076.3
0°	1215.6	1076.3	1065.9	1159.9	1358.4	1344.5	1327.1	1330.6	1323.6	1226.1	1090.2
-2.5°	1215.6	1093.7	1079.8	1166.9	1355.0	1351.5	1344.5	1348.0	1341.0	1257.4	1118.1
-5°	1233.0	1118.1	1104.2	1198.2	1351.5	1361.9	1365.4	1365.4	1355.0	1278.3	1135.5
-7.5°	1236.5	1135.5	1132.0	1229.6	1358.4	1375.9	1386.3	1393.3	1372.4	1292.3	1149.5
-10°	1219.1	1142.5	1159.9	1267.9	1365.4	1389.8	1410.7	1421.1	1386.3	1299.2	1156.4
-12.5°	1180.8	1142.5	1187.8	1316.6	1382.8	1410.7	1442.0	1445.5	1400.2	1302.7	1159.9
-15°	1177.3	1170.4	1236.5	1365.4	1393.3	1428.1	1476.9	1466.4	1410.7	1302.7	1159.9
-17.5°	1173.8	1208.7	1309.7	1382.8	1410.7	1449.0	1487.3	1476.9	1417.7	1302.7	1152.9
-20°	1205.2	1271.4	1396.8	1400.2	1431.6	1473.4	1494.3	1473.4	1407.2	1292.3	1142.5

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CATALOG NUMBER: IFLD-L-SA7A-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°	1257.4	1382.8	1424.6	1438.6	1466.4	1497.8	1508.2	1476.9	1396.8	1274.8	1125.1
-25°	1389.8	1452.5	1452.5	1483.8	1511.7	1525.6	1515.2	1480.4	1382.8	1257.4	1107.7
-27.5°	1490.8	1487.3	1504.7	1536.1	1560.5	1560.5	1532.6	1462.9	1361.9	1240.0	1083.3
-30°	1529.1	1532.6	1557.0	1591.8	1598.8	1581.4	1539.6	1449.0	1344.5	1212.1	1051.9
-32.5°	1567.4	1581.4	1612.7	1630.1	1633.6	1598.8	1522.2	1424.6	1316.6	1180.8	1017.1
-35°	1612.7	1640.6	1658.0	1661.5	1644.1	1584.9	1497.8	1393.3	1274.8	1135.5	985.7
-37.5°	1671.9	1685.9	1696.3	1682.4	1633.6	1564.0	1456.0	1351.5	1236.5	1086.8	940.5
-40°	1710.2	1717.2	1720.7	1675.4	1616.2	1515.2	1410.7	1302.7	1170.4	1031.0	891.7
-42.5°	1734.6	1727.7	1699.8	1651.0	1564.0	1466.4	1365.4	1243.5	1111.1	975.3	839.4
-45°	1727.7	1703.3	1661.5	1602.3	1511.7	1414.2	1295.7	1173.8	1048.4	916.1	780.2
-47.5°	1699.8	1661.5	1609.2	1539.6	1456.0	1337.5	1219.1	1100.7	978.8	849.9	724.5
-50°	1665.0	1619.7	1557.0	1469.9	1358.4	1250.5	1142.5	1027.5	902.1	783.7	672.3
-52.5°	1626.6	1577.9	1497.8	1400.2	1278.3	1166.9	1062.4	950.9	836.0	724.5	627.0
-55°	1584.9	1536.1	1445.5	1334.1	1212.1	1090.2	989.2	895.2	783.7	675.7	588.7
-57.5°	1564.0	1501.3	1407.2	1295.7	1166.9	1041.5	954.4	853.4	752.4	640.9	557.3
-60°	1546.5	1483.8	1396.8	1267.9	1146.0	1027.5	926.5	829.0	721.0	616.5	532.9
-62.5°	1497.8	1431.6	1351.5	1226.1	1107.7	999.7	909.1	794.2	689.7	592.1	515.5
-65°	1400.2	1330.6	1260.9	1149.5	1041.5	940.5	849.9	745.4	647.9	564.3	498.1
-67.5°	1247.0	1187.8	1125.1	1031.0	940.5	849.9	766.3	675.7	595.6	536.4	501.6
-70°	1076.3	1013.6	950.9	874.3	797.7	724.5	658.3	592.1	539.9	508.5	480.7
-72.5°	783.7	755.9	724.5	665.3	602.6	557.3	526.0	498.1	459.8	431.9	414.5
-75°	522.5	484.2	435.4	414.5	418.0	411.0	393.6	372.7	355.3	344.8	320.5
-77.5°	407.5	386.6	362.3	337.9	327.4	317.0	303.0	285.6	271.7	247.3	212.5
-80°	376.2	358.8	341.4	323.9	306.5	282.1	254.3	226.4	212.5	202.0	198.5
-82.5°	310.0	289.1	268.2	250.8	226.4	209.0	191.6	177.6	177.6	174.2	170.7
-85°	177.6	170.7	160.2	153.3	146.3	135.8	125.4	118.4	114.9	111.5	108.0
-87.5°	90.6	87.1	80.1	76.6	73.1	69.7	62.7	59.2	55.7	55.7	52.2
-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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CATALOG NUMBER: IFLD-L-SA7A-730-U-11-VI

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°	17.4	17.4	13.9	13.9	13.9	10.4	7.0	7.0	3.5	3.5	0.0
85°	41.8	34.8	31.3	27.9	27.9	20.9	13.9	10.4	7.0	3.5	3.5
82.5°	80.1	69.7	59.2	52.2	41.8	31.3	24.4	17.4	10.4	7.0	3.5
80°	90.6	90.6	87.1	73.1	59.2	45.3	31.3	20.9	13.9	10.4	7.0
77.5°	69.7	76.6	76.6	76.6	73.1	55.7	38.3	24.4	13.9	10.4	7.0
75°	80.1	69.7	66.2	69.7	66.2	55.7	45.3	27.9	17.4	13.9	7.0
72.5°	97.5	83.6	73.1	69.7	62.7	52.2	41.8	31.3	17.4	13.9	10.4
70°	90.6	87.1	80.1	73.1	62.7	52.2	41.8	31.3	20.9	13.9	10.4
67.5°	80.1	80.1	80.1	73.1	62.7	48.8	38.3	27.9	20.9	13.9	10.4
65°	55.7	66.2	73.1	69.7	62.7	48.8	38.3	27.9	20.9	17.4	10.4
62.5°	34.8	45.3	59.2	66.2	59.2	48.8	34.8	27.9	20.9	17.4	10.4
60°	31.3	34.8	41.8	52.2	55.7	45.3	34.8	24.4	20.9	17.4	10.4
57.5°	31.3	31.3	34.8	41.8	45.3	41.8	31.3	20.9	20.9	17.4	13.9
55°	34.8	31.3	31.3	34.8	38.3	38.3	31.3	20.9	20.9	17.4	13.9
52.5°	41.8	34.8	31.3	31.3	31.3	34.8	27.9	20.9	20.9	17.4	13.9
50°	52.2	41.8	38.3	31.3	31.3	31.3	27.9	20.9	17.4	17.4	13.9
47.5°	69.7	55.7	41.8	38.3	31.3	27.9	24.4	20.9	17.4	17.4	13.9
45°	104.5	66.2	55.7	41.8	34.8	31.3	27.9	20.9	17.4	17.4	13.9
42.5°	142.8	97.5	69.7	48.8	38.3	31.3	27.9	24.4	17.4	17.4	13.9
40°	181.1	132.4	87.1	62.7	45.3	34.8	27.9	24.4	20.9	17.4	13.9
37.5°	222.9	163.7	114.9	80.1	52.2	38.3	31.3	24.4	20.9	17.4	13.9
35°	275.2	205.5	142.8	97.5	62.7	45.3	34.8	24.4	20.9	17.4	13.9
32.5°	334.4	243.8	170.7	118.4	80.1	55.7	38.3	27.9	20.9	17.4	13.9
30°	390.1	289.1	202.0	142.8	97.5	62.7	41.8	27.9	20.9	17.4	10.4
27.5°	445.8	334.4	240.3	167.2	118.4	73.1	45.3	31.3	20.9	17.4	13.9
25°	501.6	379.7	278.7	191.6	135.8	87.1	55.7	34.8	20.9	17.4	13.9
22.5°	550.3	424.9	313.5	219.4	156.7	101.0	62.7	38.3	24.4	17.4	13.9
20°	606.1	473.7	351.8	250.8	174.2	114.9	69.7	41.8	24.4	17.4	13.9
17.5°	658.3	522.5	390.1	278.7	195.1	128.9	80.1	45.3	27.9	17.4	13.9
15°	710.6	567.8	424.9	306.5	216.0	142.8	87.1	48.8	31.3	17.4	13.9
12.5°	759.3	609.6	456.3	330.9	233.4	156.7	94.0	52.2	34.8	17.4	13.9
10°	804.6	647.9	487.6	351.8	250.8	167.2	101.0	59.2	38.3	17.4	13.9
7.5°	849.9	679.2	512.0	372.7	271.7	181.1	108.0	62.7	41.8	20.9	13.9
5°	877.8	707.1	532.9	390.1	289.1	195.1	114.9	66.2	45.3	20.9	13.9
2.5°	902.1	728.0	546.9	407.5	306.5	205.5	114.9	69.7	48.8	20.9	13.9
0°	916.1	741.9	557.3	418.0	320.5	212.5	118.4	73.1	52.2	20.9	13.9
-2.5°	947.4	766.3	581.7	431.9	334.4	233.4	125.4	76.6	55.7	24.4	13.9
-5°	968.3	780.2	599.1	445.8	344.8	254.3	135.8	83.6	62.7	31.3	17.4
-7.5°	985.7	794.2	613.0	452.8	355.3	261.2	139.3	87.1	66.2	34.8	17.4
-10°	989.2	801.1	623.5	463.3	362.3	271.7	142.8	90.6	69.7	38.3	17.4
-12.5°	992.7	808.1	627.0	470.2	369.2	278.7	146.3	94.0	73.1	41.8	17.4
-15°	989.2	804.6	627.0	477.2	372.7	271.7	153.3	97.5	76.6	45.3	17.4
-17.5°	982.3	801.1	623.5	473.7	369.2	264.7	156.7	104.5	76.6	48.8	20.9
-20°	971.8	790.7	616.5	470.2	365.7	257.8	160.2	108.0	80.1	48.8	20.9

REPORT NUMBER: P723682

CATALOG NUMBER: IFLD-L-SA7A-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°	954.4	773.3	602.6	459.8	358.8	250.8	160.2	114.9	83.6	48.8	20.9
-25°	933.5	755.9	588.7	445.8	348.3	240.3	160.2	118.4	87.1	48.8	20.9
-27.5°	909.1	738.4	567.8	435.4	334.4	233.4	160.2	121.9	90.6	48.8	20.9
-30°	881.2	714.1	550.3	418.0	323.9	233.4	163.7	125.4	94.0	48.8	20.9
-32.5°	853.4	689.7	529.4	404.0	310.0	229.9	163.7	128.9	97.5	45.3	24.4
-35°	822.0	661.8	512.0	393.6	299.6	222.9	167.2	128.9	94.0	45.3	24.4
-37.5°	783.7	627.0	494.6	383.2	292.6	216.0	167.2	132.4	90.6	45.3	24.4
-40°	741.9	599.1	473.7	369.2	282.1	212.5	167.2	132.4	87.1	45.3	27.9
-42.5°	696.6	567.8	452.8	355.3	271.7	209.0	167.2	132.4	83.6	45.3	27.9
-45°	654.8	536.4	428.4	337.9	261.2	209.0	167.2	128.9	76.6	48.8	27.9
-47.5°	609.6	501.6	400.6	320.5	257.8	205.5	163.7	121.9	69.7	48.8	27.9
-50°	571.2	466.7	379.7	303.0	250.8	209.0	167.2	111.5	69.7	48.8	27.9
-52.5°	532.9	442.4	355.3	296.1	243.8	212.5	163.7	104.5	69.7	48.8	27.9
-55°	501.6	418.0	341.4	285.6	250.8	219.4	156.7	94.0	69.7	48.8	27.9
-57.5°	477.2	404.0	330.9	289.1	261.2	212.5	146.3	90.6	69.7	45.3	27.9
-60°	459.8	390.1	334.4	303.0	264.7	202.0	139.3	90.6	69.7	45.3	24.4
-62.5°	445.8	393.6	351.8	313.5	250.8	188.1	132.4	90.6	62.7	41.8	24.4
-65°	449.3	407.5	358.8	299.6	240.3	174.2	121.9	87.1	59.2	38.3	24.4
-67.5°	459.8	397.1	337.9	282.1	216.0	156.7	111.5	80.1	55.7	38.3	24.4
-70°	424.9	365.7	306.5	240.3	184.6	135.8	104.5	73.1	48.8	34.8	24.4
-72.5°	383.2	306.5	243.8	195.1	156.7	125.4	94.0	66.2	45.3	31.3	20.9
-75°	278.7	222.9	181.1	163.7	139.3	111.5	83.6	59.2	41.8	31.3	20.9
-77.5°	198.5	184.6	167.2	149.8	125.4	97.5	73.1	55.7	38.3	27.9	17.4
-80°	195.1	177.6	156.7	128.9	104.5	83.6	62.7	48.8	34.8	24.4	13.9
-82.5°	163.7	139.3	118.4	97.5	80.1	66.2	52.2	38.3	27.9	17.4	10.4
-85°	101.0	87.1	76.6	66.2	55.7	45.3	34.8	24.4	17.4	10.4	7.0
-87.5°	48.8	45.3	38.3	31.3	27.9	20.9	17.4	13.9	10.4	7.0	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723682

CATALOG NUMBER: IFLD-L-SA7A-730-U-11-VI

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°	3.5	0.0	0.0	0.0
80°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	7.0	3.5	3.5	0.0
67.5°	7.0	3.5	3.5	0.0
65°	7.0	3.5	3.5	0.0
62.5°	7.0	3.5	3.5	0.0
60°	7.0	3.5	3.5	0.0
57.5°	7.0	3.5	3.5	0.0
55°	7.0	3.5	3.5	0.0
52.5°	7.0	3.5	3.5	0.0
50°	7.0	3.5	3.5	0.0
47.5°	7.0	7.0	3.5	0.0
45°	7.0	7.0	3.5	0.0
42.5°	7.0	7.0	3.5	0.0
40°	7.0	7.0	3.5	0.0
37.5°	7.0	7.0	3.5	0.0
35°	7.0	7.0	3.5	0.0
32.5°	10.4	7.0	3.5	0.0
30°	10.4	7.0	7.0	0.0
27.5°	10.4	7.0	7.0	0.0
25°	10.4	7.0	7.0	0.0
22.5°	10.4	7.0	7.0	0.0
20°	10.4	7.0	7.0	0.0
17.5°	10.4	7.0	7.0	0.0
15°	10.4	7.0	7.0	0.0
12.5°	10.4	7.0	7.0	0.0
10°	10.4	7.0	7.0	0.0
7.5°	10.4	7.0	7.0	0.0
5°	10.4	7.0	7.0	0.0
2.5°	10.4	7.0	7.0	0.0
0°	10.4	7.0	7.0	0.0
-2.5°	10.4	7.0	7.0	0.0
-5°	10.4	7.0	7.0	0.0
-7.5°	10.4	7.0	7.0	0.0
-10°	10.4	7.0	7.0	0.0
-12.5°	13.9	7.0	7.0	0.0
-15°	13.9	7.0	7.0	0.0
-17.5°	13.9	7.0	7.0	0.0
-20°	13.9	7.0	7.0	0.0

REPORT NUMBER: P723682

CATALOG NUMBER: IFLD-L-SA7A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.9	7.0	7.0	0.0
-25°	13.9	7.0	7.0	0.0
-27.5°	13.9	7.0	7.0	0.0
-30°	13.9	7.0	7.0	0.0
-32.5°	13.9	7.0	7.0	0.0
-35°	13.9	7.0	7.0	0.0
-37.5°	13.9	7.0	7.0	0.0
-40°	13.9	7.0	7.0	0.0
-42.5°	10.4	7.0	3.5	0.0
-45°	13.9	7.0	3.5	0.0
-47.5°	13.9	7.0	3.5	0.0
-50°	13.9	7.0	3.5	0.0
-52.5°	13.9	7.0	3.5	0.0
-55°	13.9	7.0	3.5	0.0
-57.5°	13.9	7.0	3.5	0.0
-60°	13.9	7.0	3.5	0.0
-62.5°	13.9	7.0	3.5	0.0
-65°	13.9	7.0	3.5	0.0
-67.5°	13.9	7.0	3.5	0.0
-70°	13.9	3.5	3.5	0.0
-72.5°	10.4	3.5	3.5	0.0
-75°	10.4	3.5	3.5	0.0
-77.5°	7.0	3.5	0.0	0.0
-80°	7.0	3.5	0.0	0.0
-82.5°	7.0	3.5	0.0	0.0
-85°	3.5	0.0	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)