

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: P722499

Luminaire Tested: **IFLD-M-SA4D-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722499
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

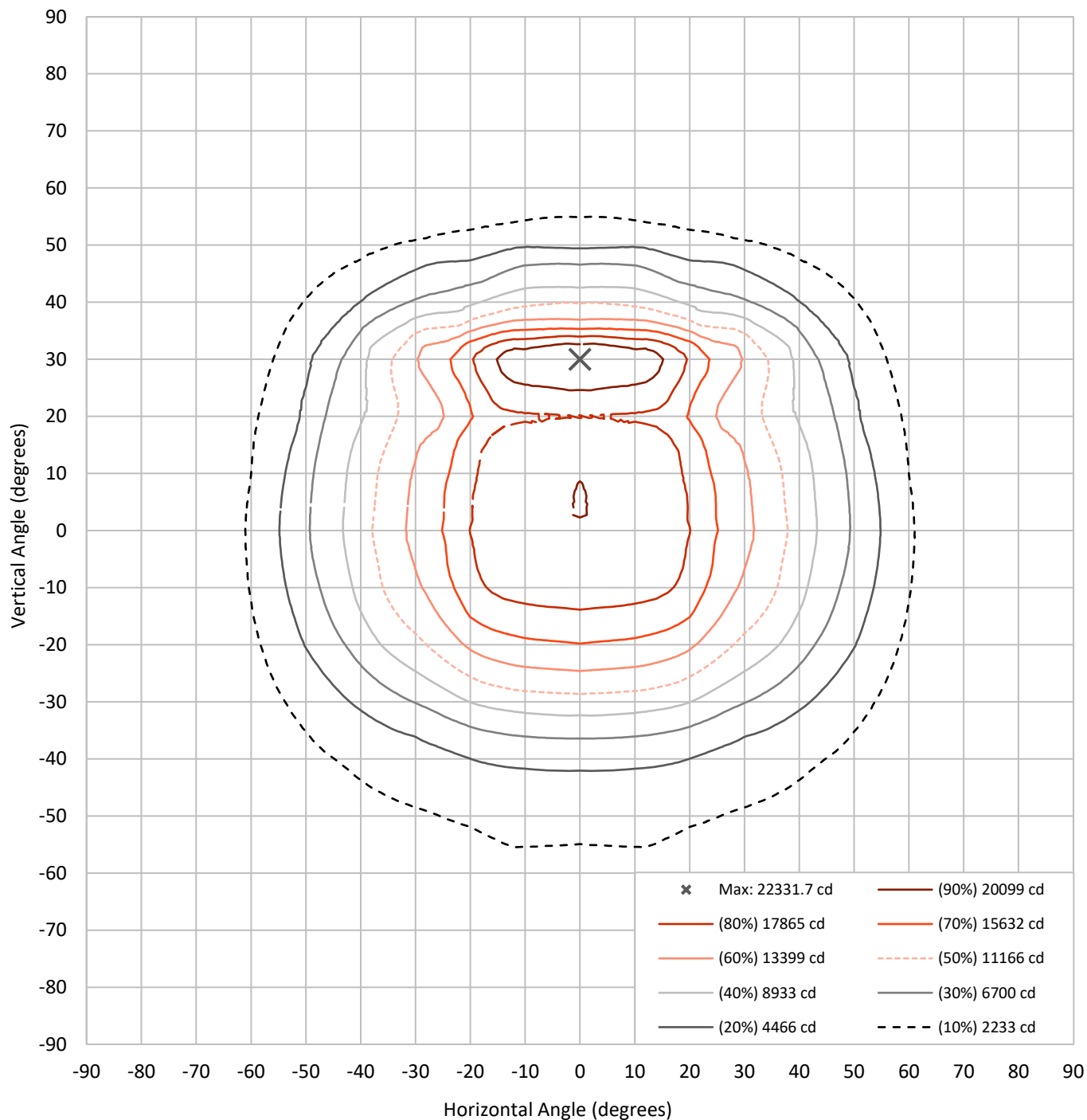
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31988.7 lumens	Max Intensity:	22331.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	128.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	20407.4 lumens	Field Lumens:	30158.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	249.7		
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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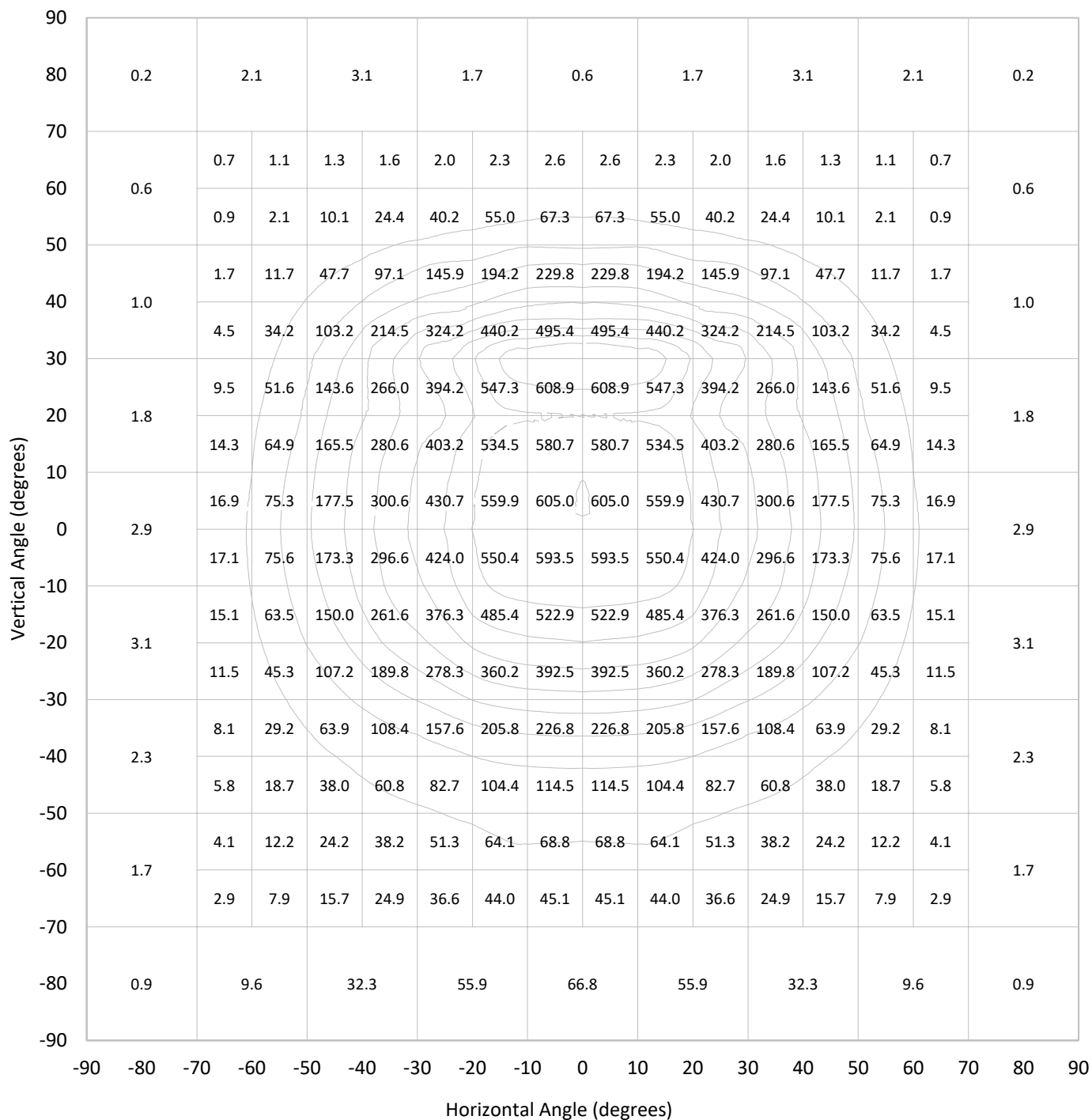
Iso-Candela Plot



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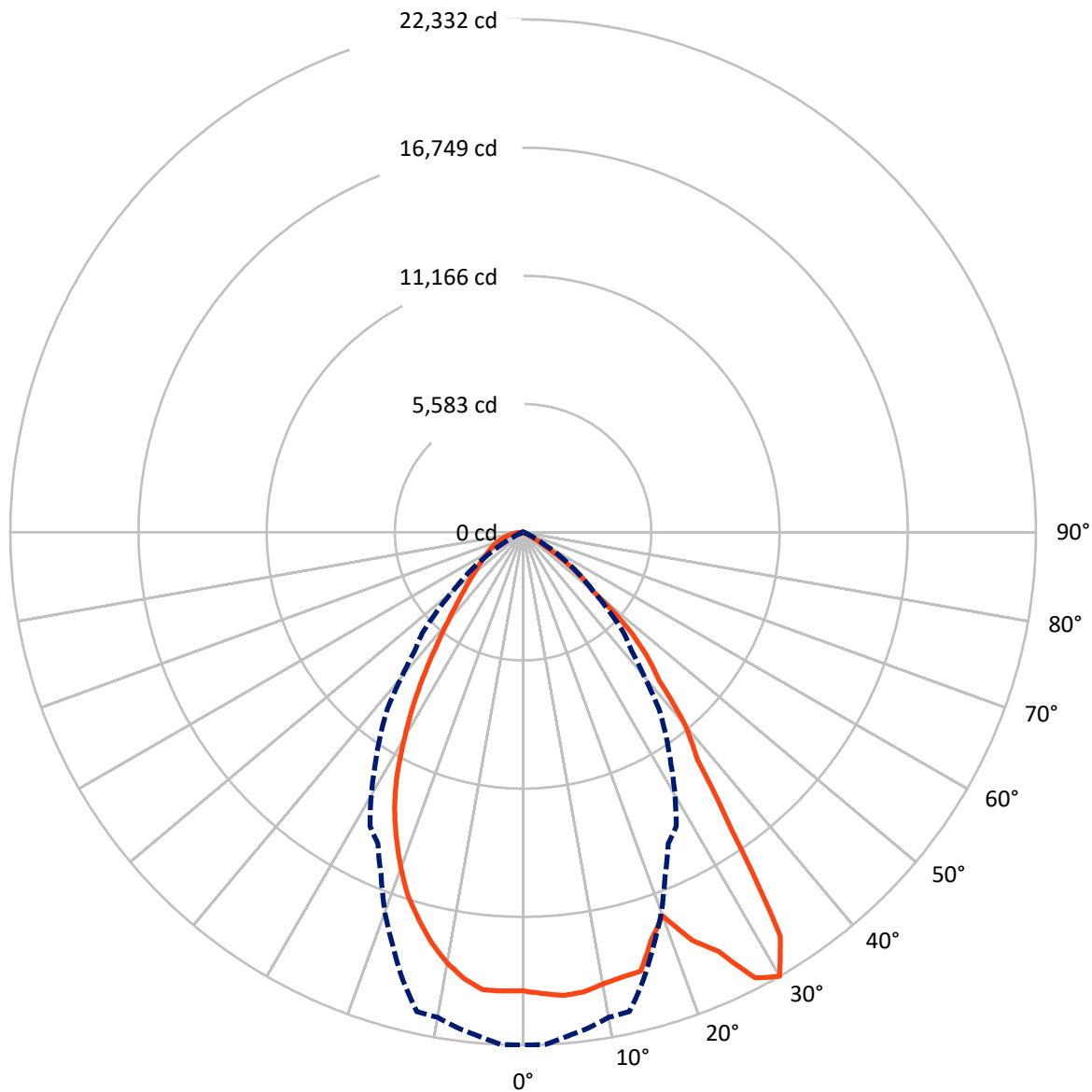
Lumen Table



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Luminous Intensity Polar Plot



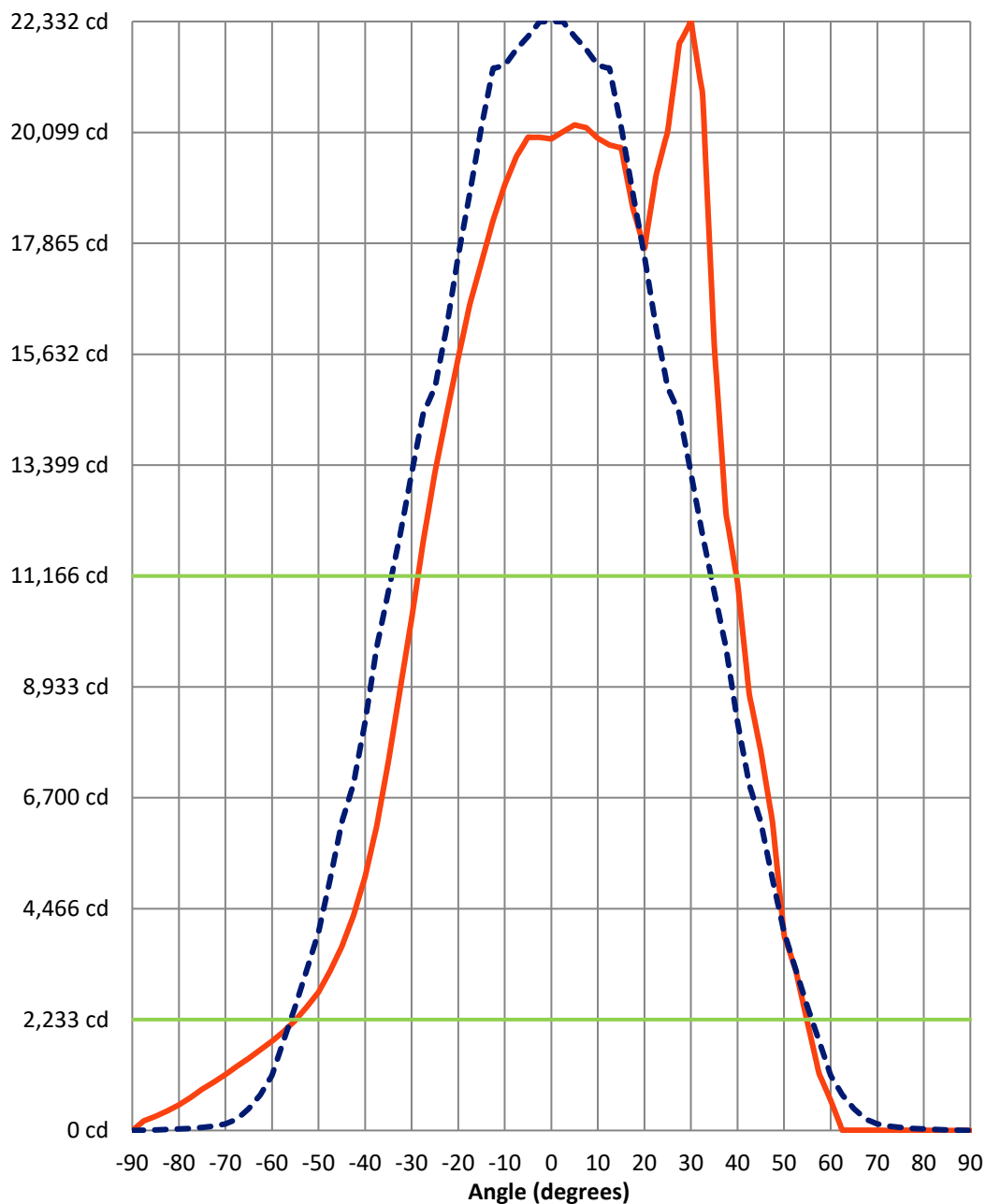
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20407.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 30158.2

Efficiency: 94.3%

Spill:

Lumens: 1830.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-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	0.0	0.0	0.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	10.2	10.2	15.3
82.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.3	15.3	20.4
80°	5.1	5.1	5.1	5.1	10.2	10.2	10.2	15.3	15.3	20.4	20.4
77.5°	5.1	5.1	5.1	10.2	10.2	10.2	15.3	15.3	20.4	20.4	25.5
75°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	25.5
72.5°	0.0	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	20.4
70°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	15.3	20.4	20.4	20.4
67.5°	5.1	5.1	5.1	10.2	10.2	15.3	15.3	20.4	20.4	20.4	25.5
65°	5.1	5.1	5.1	10.2	15.3	15.3	20.4	25.5	25.5	30.6	35.6
62.5°	5.1	10.2	10.2	15.3	20.4	25.5	56.0	86.6	86.6	61.1	50.9
60°	606.0	657.0	651.9	590.8	514.4	432.9	417.6	402.3	371.8	325.9	341.2
57.5°	1151.0	1212.1	1237.5	1222.3	1181.5	1110.2	1069.5	1023.6	962.5	891.2	809.7
55°	2179.7	2205.2	2149.1	2042.2	1925.1	1807.9	1767.2	1706.1	1614.4	1522.7	1400.5
52.5°	3223.7	3310.3	3284.8	3177.9	3020.0	2811.2	2582.0	2403.8	2296.8	2195.0	2072.7
50°	3936.7	3972.3	4043.6	4171.0	4216.8	4074.2	3702.4	3223.7	2882.5	3055.6	2923.2
47.5°	6213.1	6391.4	6355.7	6264.1	6111.3	5724.2	5204.8	4777.0	4420.5	4303.4	4323.7
45°	7634.0	7705.3	7679.9	7639.1	7567.8	7206.2	6630.8	5973.8	5642.8	5510.4	5372.8
42.5°	8800.3	8876.7	8891.9	8897.0	8820.6	8489.6	7970.1	7313.2	6982.2	6600.2	6299.7
40°	11025.8	11137.8	11010.5	10842.5	10587.8	10211.0	9701.7	9095.6	8510.0	8041.4	7685.0
37.5°	12446.7	12584.2	12635.1	12624.9	12568.9	12405.9	11779.5	11204.0	10307.7	9258.6	9447.0
35°	15818.1	15960.7	15919.9	15767.1	15685.7	15512.5	14901.4	14218.9	13093.4	11952.7	11647.1
32.5°	20844.6	21155.3	20574.7	19938.1	19546.0	19683.5	19062.1	17391.7	16872.3	14814.8	13862.5
30°	22331.7	22326.6	22031.2	21771.5	21450.6	21384.4	20213.1	18878.8	17605.6	16164.4	14962.5
27.5°	21878.4	21786.8	21537.2	21348.8	21048.3	20890.4	19744.6	18685.3	17213.5	15925.0	14763.9
25°	20131.6	20202.9	19948.3	19912.6	19795.5	19489.9	18919.6	17727.8	16413.9	14988.0	14152.7
22.5°	19230.2	19204.7	18899.2	18720.9	18863.5	18537.6	18308.4	17106.5	15736.6	14534.7	13531.4
20°	17763.5	17768.6	17692.2	17676.9	17590.3	17442.7	17259.3	16408.8	15441.2	14412.5	13205.5
17.5°	18583.4	18792.2	18883.9	18125.1	18339.0	18170.9	17977.4	16790.8	16062.5	15150.9	13577.3
15°	19785.3	19708.9	19617.3	19576.5	19459.4	19301.5	18950.1	18002.9	16750.0	15807.9	14580.5
12.5°	19846.4	19698.7	19663.1	19658.0	19535.8	19316.8	18975.6	18191.3	17081.1	15935.2	14937.0
10°	19978.8	19826.1	19805.7	19831.2	19642.7	19505.2	19164.0	18435.7	17182.9	16154.2	15212.0
7.5°	20192.7	19938.1	20055.2	19978.8	19892.3	19673.3	19306.6	18593.6	17554.7	16444.5	15456.5
5°	20248.8	19968.7	20096.0	20024.7	19897.4	19683.5	19286.2	18695.5	17783.9	16561.6	15553.2
2.5°	20111.3	20029.8	19973.7	19841.3	19785.3	19551.1	19174.2	18542.7	17676.9	16510.7	15532.9
0°	19968.7	20040.0	19912.6	19780.2	19754.8	19566.3	19245.5	18675.1	17926.5	16653.3	15706.0
-2.5°	19999.2	19943.2	19856.6	19719.1	19586.7	19316.8	19026.5	18491.8	17687.1	16342.6	15461.6
-5°	19999.2	19739.5	19749.7	19754.8	19622.3	19342.2	18990.8	18537.6	17544.5	16337.5	15390.3
-7.5°	19612.2	19388.1	19352.4	19321.9	19286.2	19026.5	18751.5	18186.2	17305.2	16205.1	15191.7
-10°	19041.8	18822.8	18843.2	18797.3	18685.3	18512.1	18303.3	17794.1	17070.9	15787.5	14789.3
-12.5°	18328.8	18232.0	18176.0	18099.6	17987.6	17834.8	17620.9	17142.2	16368.1	15273.1	14325.9
-15°	17483.4	17412.1	17361.2	17315.3	17152.4	16994.5	16714.4	16271.3	15787.5	14611.1	13643.5
-17.5°	16638.0	16459.8	16388.5	16327.3	16220.4	15965.8	15711.1	15380.1	14702.8	13770.8	12940.7
-20°	15553.2	15446.3	15359.7	15278.2	15125.5	14926.8	14718.0	14336.1	13750.4	12996.7	12136.0



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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°	14417.6	14356.5	14285.2	14183.3	14081.4	13893.0	13602.7	13236.0	12777.7	11962.9	11158.2
-25°	13246.2	13129.1	13042.5	12945.8	12864.3	12691.1	12411.0	12059.6	11484.1	10781.3	10109.1
-27.5°	11866.1	11754.1	11708.2	11596.2	11524.9	11367.0	11086.9	10761.0	10241.5	9650.8	8968.3
-30°	10307.7	10328.1	10277.2	10170.2	10083.6	9879.9	9666.0	9391.0	8983.6	8418.3	7807.2
-32.5°	8866.5	8891.9	8830.8	8718.8	8606.7	8459.1	8260.4	8010.9	7705.3	7165.5	6635.8
-35°	7425.2	7415.0	7364.1	7297.9	7221.5	7099.3	6875.2	6686.8	6335.4	5958.5	5591.8
-37.5°	6131.7	6157.1	6141.9	6106.2	6019.6	5917.8	5734.4	5561.3	5301.5	4970.5	4685.3
-40°	5108.0	5138.6	5118.2	5082.6	5006.2	4945.1	4822.8	4670.0	4461.2	4176.1	3936.7
-42.5°	4323.7	4344.1	4318.6	4288.1	4221.9	4176.1	4079.3	3952.0	3778.8	3559.8	3345.9
-45°	3702.4	3707.5	3682.1	3661.7	3610.8	3554.7	3473.3	3371.4	3233.9	3081.1	2908.0
-47.5°	3213.5	3208.4	3183.0	3162.6	3121.9	3070.9	3004.7	2913.1	2806.1	2689.0	2551.5
-50°	2785.7	2811.2	2801.0	2780.6	2750.1	2714.4	2648.2	2551.5	2444.5	2357.9	2261.2
-52.5°	2490.4	2495.4	2490.4	2490.4	2485.3	2459.8	2383.4	2286.6	2169.5	2093.1	2011.6
-55°	2215.3	2240.8	2251.0	2261.2	2266.3	2266.3	2174.6	2072.7	1960.7	1884.3	1823.2
-57.5°	1991.3	2006.5	2016.7	2042.2	2062.6	2077.8	1996.4	1904.7	1818.1	1746.8	1690.8
-60°	1797.7	1818.1	1833.4	1858.9	1874.1	1884.3	1833.4	1772.3	1721.3	1675.5	1594.0
-62.5°	1624.6	1639.9	1655.1	1670.4	1685.7	1695.9	1675.5	1645.0	1619.5	1599.1	1497.3
-65°	1451.4	1466.7	1482.0	1502.4	1517.6	1527.8	1522.7	1502.4	1482.0	1461.6	1369.9
-67.5°	1293.6	1308.8	1329.2	1334.3	1344.5	1349.6	1339.4	1324.1	1298.7	1273.2	1201.9
-70°	1125.5	1135.7	1145.9	1145.9	1145.9	1140.8	1130.6	1110.2	1084.8	1049.1	993.1
-72.5°	972.7	982.9	993.1	977.8	967.6	952.3	937.1	911.6	886.1	860.7	830.1
-75°	830.1	835.2	835.2	814.8	799.6	784.3	763.9	748.6	723.2	702.8	677.3
-77.5°	662.1	662.1	662.1	646.8	636.6	626.4	611.1	595.9	575.5	560.2	539.8
-80°	514.4	514.4	514.4	509.3	494.0	483.8	473.6	463.4	448.2	438.0	427.8
-82.5°	392.1	392.1	392.1	387.0	376.9	371.8	361.6	351.4	346.3	336.1	331.0
-85°	285.2	290.3	290.3	285.2	280.1	269.9	264.8	259.7	254.6	249.5	239.4
-87.5°	193.5	193.5	193.5	188.4	183.3	183.3	178.2	168.1	157.9	152.8	147.7
-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	15.3	15.3	15.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	15.3
82.5°	25.5	25.5	30.6	30.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
80°	25.5	30.6	35.6	40.7	45.8	50.9	50.9	50.9	50.9	45.8	45.8
77.5°	30.6	30.6	35.6	40.7	45.8	50.9	56.0	61.1	56.0	56.0	56.0
75°	30.6	35.6	35.6	40.7	45.8	50.9	56.0	61.1	61.1	61.1	61.1
72.5°	25.5	30.6	35.6	40.7	40.7	45.8	50.9	50.9	56.0	56.0	61.1
70°	25.5	30.6	35.6	35.6	40.7	40.7	45.8	50.9	50.9	56.0	56.0
67.5°	30.6	35.6	35.6	40.7	45.8	45.8	45.8	50.9	50.9	56.0	56.0
65°	35.6	40.7	40.7	45.8	50.9	50.9	56.0	56.0	56.0	61.1	61.1
62.5°	61.1	61.1	61.1	56.0	61.1	61.1	61.1	66.2	66.2	61.1	66.2
60°	315.8	229.2	157.9	198.6	178.2	81.5	81.5	81.5	76.4	76.4	71.3
57.5°	743.5	692.6	595.9	504.2	453.3	402.3	249.5	101.9	101.9	91.7	81.5
55°	1242.6	1074.6	1003.3	881.0	748.6	687.5	570.4	387.0	183.3	122.2	106.9
52.5°	1925.1	1767.2	1583.8	1334.3	1156.1	1013.5	916.7	728.3	488.9	259.7	163.0
50°	2576.9	2505.6	2393.6	2149.1	1777.4	1538.0	1380.1	1166.2	876.0	534.7	305.6
47.5°	4150.6	3554.7	3193.2	3004.7	2694.1	2240.8	1935.2	1695.9	1344.5	901.4	539.8
45°	5225.2	4848.3	4272.8	3875.6	3417.2	2938.5	2541.3	2266.3	1848.7	1349.6	845.4
42.5°	6146.9	5821.0	5301.5	4721.0	4237.2	3610.8	3101.5	2739.9	2388.5	1843.6	1263.0
40°	7333.6	6946.5	6447.4	5882.1	5316.8	4517.3	3692.2	3254.3	2867.2	2383.4	1706.1
37.5°	9289.2	8606.7	7791.9	7165.5	6427.0	5749.7	4619.1	3845.0	3386.7	2882.5	2225.5
35°	11642.0	10893.4	9533.6	8703.5	7715.5	6707.1	5688.6	4542.7	3890.9	3356.1	2704.2
32.5°	13831.9	12737.0	10995.2	10022.5	9365.6	7506.7	6452.5	5459.4	4410.3	3753.4	2979.3
30°	14437.9	13231.0	11983.2	10847.5	9727.1	8224.8	6977.1	6203.0	5062.2	3992.7	3239.0
27.5°	13826.8	12996.7	12029.1	10974.9	9762.8	8474.3	7297.9	6559.5	5540.9	4155.7	3442.7
25°	13205.5	12339.7	11662.4	10781.3	9660.9	8459.1	7308.1	6783.5	5912.7	4471.4	3554.7
22.5°	12548.5	12008.7	11448.5	10465.6	9406.3	8504.9	7639.1	6977.1	6106.2	4827.9	3600.6
20°	12584.2	12232.8	11616.6	10302.6	9360.5	8774.8	8036.4	7221.5	6315.0	5138.6	3636.2
17.5°	13154.6	12696.2	11922.1	10781.3	9773.0	9049.8	8367.4	7557.6	6528.9	5413.6	4069.1
15°	13857.4	13159.7	12349.9	11346.6	10205.9	9350.3	8622.0	7791.9	6773.4	5668.2	4456.2
12.5°	14366.6	13373.6	12614.7	11708.2	10674.4	9676.2	8790.1	7970.1	7002.5	5877.0	4746.4
10°	14539.8	13638.4	12742.0	11932.3	10913.8	9849.4	8917.4	8082.2	7201.1	6040.0	4960.3
7.5°	14631.5	13867.5	12828.6	12034.2	11056.4	9956.3	9019.3	8143.3	7359.0	6152.0	5097.8
5°	14621.3	13989.8	12894.8	12064.7	11132.7	10002.2	9090.6	8158.6	7471.1	6248.8	5179.3
2.5°	14575.4	14071.3	13001.8	12115.6	11285.5	10088.7	9228.1	8189.1	7511.8	6355.7	5235.3
0°	14743.5	14076.3	13113.8	12130.9	11387.4	10119.3	9289.2	8163.7	7455.8	6386.3	5230.2
-2.5°	14381.9	13775.9	13088.4	11998.5	11249.9	10048.0	9177.1	8082.2	7333.6	6350.7	5209.9
-5°	14320.8	13556.9	12874.5	11876.3	11020.7	9900.3	8968.3	7929.4	7140.0	6233.5	5128.4
-7.5°	14157.8	13348.1	12665.7	11779.5	10806.8	9747.5	8769.7	7771.5	6931.2	6050.2	5011.3
-10°	13801.3	13027.2	12441.6	11570.7	10547.1	9528.5	8530.3	7562.7	6686.8	5800.6	4827.9
-12.5°	13292.1	12518.0	11937.4	11127.6	10221.1	9233.1	8245.2	7292.8	6406.7	5535.8	4608.9
-15°	12716.6	11932.3	11351.7	10613.3	9737.3	8774.8	7883.6	6951.6	6085.8	5255.7	4349.2
-17.5°	12064.7	11321.2	10761.0	10042.9	9172.0	8255.3	7369.2	6523.8	5714.1	4965.4	4048.7
-20°	11311.0	10587.8	10073.5	9355.4	8555.8	7664.6	6803.9	6004.3	5276.1	4573.3	3717.7

REPORT NUMBER: P722499

CATALOG NUMBER: IFLD-M-SA4D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10379.0	9742.4	9156.8	8515.1	7817.4	7002.5	6203.0	5495.1	4797.4	4109.8	3376.5
-25°	9426.7	8810.5	8240.1	7654.4	6987.2	6284.4	5602.0	4960.3	4277.9	3656.6	3045.5
-27.5°	8367.4	7817.4	7308.1	6768.3	6157.1	5551.1	4990.9	4364.5	3773.7	3244.1	2719.5
-30°	7236.8	6788.6	6345.6	5866.8	5372.8	4863.6	4364.5	3773.7	3310.3	2887.6	2444.5
-32.5°	6152.0	5749.7	5393.2	5036.7	4608.9	4191.3	3748.3	3310.3	2923.2	2551.5	2179.7
-35°	5199.7	4771.9	4573.3	4288.1	3946.9	3570.0	3208.4	2902.9	2592.2	2256.1	1925.1
-37.5°	4374.7	4099.7	3865.4	3651.5	3381.6	3055.6	2795.9	2546.4	2286.6	1981.1	1695.9
-40°	3727.9	3529.3	3295.0	3137.1	2918.1	2683.9	2424.1	2215.3	1996.4	1746.8	1512.5
-42.5°	3208.4	3045.5	2892.7	2724.6	2561.7	2363.0	2139.0	1940.3	1741.7	1558.4	1364.9
-45°	2780.6	2663.5	2541.3	2403.8	2261.2	2088.0	1904.7	1701.0	1558.4	1395.4	1232.4
-47.5°	2429.2	2342.7	2240.8	2133.9	2011.6	1858.9	1690.8	1543.1	1395.4	1257.9	1100.0
-50°	2149.1	2067.7	1986.2	1894.5	1787.6	1655.1	1527.8	1390.3	1252.8	1120.4	972.7
-52.5°	1914.9	1843.6	1777.4	1701.0	1599.1	1487.1	1369.9	1247.7	1120.4	988.0	870.9
-55°	1751.9	1670.4	1604.2	1527.8	1436.2	1329.2	1222.3	1110.2	988.0	886.1	789.4
-57.5°	1619.5	1527.8	1451.4	1369.9	1278.3	1186.6	1089.8	988.0	896.3	799.6	707.9
-60°	1507.5	1400.5	1313.9	1232.4	1145.9	1059.3	977.8	891.2	804.7	718.1	626.4
-62.5°	1390.3	1278.3	1171.3	1094.9	1028.7	952.3	881.0	799.6	723.2	636.6	570.4
-65°	1257.9	1151.0	1049.1	982.9	921.8	855.6	789.4	718.1	651.9	585.7	524.6
-67.5°	1110.2	1018.5	947.3	886.1	825.0	769.0	707.9	646.8	590.8	524.6	463.4
-70°	932.0	881.0	840.3	794.5	738.4	687.5	631.5	575.5	514.4	458.3	402.3
-72.5°	794.5	763.9	733.4	687.5	636.6	590.8	544.9	494.0	443.1	392.1	346.3
-75°	651.9	626.4	600.9	570.4	529.6	494.0	453.3	407.4	366.7	331.0	295.4
-77.5°	524.6	504.2	488.9	463.4	432.9	402.3	376.9	346.3	315.8	280.1	244.5
-80°	417.6	407.4	402.3	392.1	366.7	341.2	320.8	295.4	264.8	239.4	213.9
-82.5°	325.9	325.9	320.8	315.8	295.4	275.0	259.7	239.4	219.0	198.6	173.2
-85°	239.4	234.3	234.3	229.2	213.9	203.7	188.4	178.2	163.0	142.6	132.4
-87.5°	142.6	137.5	132.4	127.3	117.1	112.0	101.9	96.8	86.6	76.4	71.3
-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-M-SA4D-740-U-76-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	0.0	0.0
85°	15.3	10.2	10.2	10.2	10.2	10.2	5.1	5.1	5.1	5.1	5.1
82.5°	30.6	30.6	25.5	25.5	20.4	15.3	10.2	10.2	10.2	5.1	5.1
80°	45.8	45.8	45.8	40.7	35.6	25.5	20.4	15.3	10.2	5.1	5.1
77.5°	56.0	50.9	50.9	45.8	45.8	40.7	30.6	25.5	15.3	10.2	5.1
75°	56.0	56.0	56.0	50.9	50.9	45.8	40.7	30.6	25.5	15.3	10.2
72.5°	61.1	56.0	56.0	56.0	50.9	45.8	40.7	35.6	30.6	20.4	10.2
70°	56.0	56.0	56.0	56.0	50.9	50.9	40.7	35.6	35.6	20.4	15.3
67.5°	56.0	56.0	56.0	50.9	50.9	45.8	40.7	35.6	35.6	25.5	15.3
65°	61.1	56.0	56.0	56.0	50.9	45.8	40.7	35.6	35.6	30.6	20.4
62.5°	66.2	61.1	61.1	56.0	50.9	45.8	40.7	35.6	35.6	30.6	20.4
60°	71.3	66.2	61.1	61.1	56.0	50.9	40.7	40.7	35.6	30.6	20.4
57.5°	76.4	71.3	71.3	66.2	61.1	56.0	45.8	40.7	35.6	30.6	25.5
55°	91.7	81.5	76.4	76.4	71.3	61.1	50.9	40.7	35.6	30.6	25.5
52.5°	122.2	96.8	86.6	86.6	81.5	71.3	56.0	45.8	35.6	30.6	25.5
50°	193.5	122.2	101.9	91.7	91.7	81.5	66.2	50.9	35.6	30.6	25.5
47.5°	305.6	203.7	122.2	106.9	101.9	96.8	76.4	50.9	40.7	30.6	25.5
45°	504.2	300.5	198.6	127.3	106.9	101.9	86.6	56.0	40.7	35.6	25.5
42.5°	692.6	468.5	305.6	152.8	127.3	112.0	91.7	61.1	45.8	35.6	25.5
40°	1089.8	641.7	427.8	249.5	147.7	117.1	101.9	71.3	45.8	35.6	25.5
37.5°	1476.9	850.5	575.5	366.7	168.1	132.4	106.9	76.4	50.9	35.6	30.6
35°	1863.9	1191.7	713.0	488.9	224.1	157.9	112.0	81.5	50.9	35.6	30.6
32.5°	2210.3	1512.5	855.6	611.1	336.1	188.4	122.2	86.6	56.0	40.7	30.6
30°	2495.4	1807.9	1110.2	718.1	438.0	229.2	132.4	86.6	61.1	40.7	30.6
27.5°	2709.3	2037.1	1369.9	830.1	524.6	269.9	152.8	96.8	61.1	40.7	30.6
25°	2882.5	2215.3	1599.1	947.3	600.9	336.1	183.3	101.9	66.2	45.8	30.6
22.5°	3020.0	2363.0	1787.6	1105.1	692.6	402.3	224.1	112.0	66.2	45.8	30.6
20°	3208.4	2510.7	1914.9	1273.2	789.4	463.4	259.7	122.2	66.2	45.8	35.6
17.5°	3371.4	2658.4	2016.7	1415.8	886.1	509.3	300.5	132.4	71.3	45.8	35.6
15°	3559.8	2801.0	2108.4	1527.8	977.8	550.0	336.1	142.6	71.3	50.9	35.6
12.5°	3763.5	2933.4	2174.6	1619.5	1074.6	585.7	366.7	163.0	76.4	50.9	35.6
10°	3972.3	3045.5	2230.6	1685.7	1145.9	621.3	387.0	183.3	81.5	50.9	35.6
7.5°	4181.1	3147.3	2301.9	1716.3	1176.4	662.1	397.2	203.7	81.5	56.0	35.6
5°	4323.7	3213.5	2403.8	1736.6	1191.7	707.9	412.5	229.2	86.6	56.0	35.6
2.5°	4446.0	3254.3	2510.7	1751.9	1196.8	733.4	407.4	244.5	91.7	56.0	35.6
0°	4502.0	3254.3	2582.0	1741.7	1181.5	758.8	407.4	259.7	91.7	56.0	35.6
-2.5°	4415.4	3345.9	2561.7	1746.8	1186.6	758.8	427.8	264.8	101.9	61.1	35.6
-5°	4277.9	3381.6	2500.5	1721.3	1176.4	758.8	453.3	269.9	106.9	61.1	40.7
-7.5°	4145.5	3396.9	2429.2	1695.9	1161.1	738.4	458.3	264.8	117.1	66.2	40.7
-10°	3972.3	3228.8	2337.6	1650.0	1130.6	723.2	468.5	264.8	122.2	66.2	40.7
-12.5°	3773.7	3025.1	2225.5	1583.8	1094.9	707.9	473.6	264.8	127.3	71.3	40.7
-15°	3544.6	2816.3	2098.2	1512.5	1044.0	687.5	463.4	259.7	132.4	71.3	45.8
-17.5°	3284.8	2612.6	1965.8	1426.0	988.0	662.1	443.1	254.6	132.4	71.3	45.8
-20°	2989.4	2408.9	1818.1	1339.4	921.8	631.5	422.7	244.5	132.4	71.3	45.8



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CATALOG NUMBER: IFLD-M-SA4D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2724.6	2220.4	1665.3	1242.6	850.5	595.9	397.2	234.3	132.4	76.4	45.8
-25°	2505.6	2037.1	1548.2	1145.9	774.1	555.1	371.8	224.1	132.4	76.4	45.8
-27.5°	2276.5	1838.5	1426.0	1054.2	723.2	519.5	346.3	213.9	127.3	76.4	45.8
-30°	2042.2	1645.0	1298.7	952.3	672.2	483.8	325.9	198.6	127.3	76.4	45.8
-32.5°	1828.3	1487.1	1181.5	850.5	616.2	448.2	305.6	193.5	122.2	76.4	45.8
-35°	1619.5	1344.5	1059.3	769.0	555.1	412.5	285.2	188.4	122.2	76.4	45.8
-37.5°	1446.3	1212.1	947.3	713.0	519.5	382.0	264.8	178.2	117.1	76.4	45.8
-40°	1303.7	1089.8	840.3	651.9	488.9	351.4	244.5	173.2	117.1	76.4	45.8
-42.5°	1171.3	972.7	774.1	600.9	458.3	331.0	229.2	168.1	112.0	76.4	45.8
-45°	1054.2	870.9	707.9	555.1	422.7	305.6	219.0	157.9	106.9	76.4	50.9
-47.5°	937.1	799.6	646.8	514.4	387.0	275.0	208.8	152.8	101.9	71.3	50.9
-50°	845.4	723.2	595.9	468.5	351.4	264.8	198.6	142.6	101.9	71.3	50.9
-52.5°	763.9	651.9	539.8	422.7	320.8	249.5	188.4	132.4	96.8	71.3	50.9
-55°	687.5	585.7	483.8	376.9	300.5	234.3	173.2	122.2	96.8	71.3	50.9
-57.5°	611.1	524.6	427.8	341.2	275.0	219.0	163.0	122.2	96.8	71.3	50.9
-60°	550.0	468.5	387.0	315.8	254.6	198.6	147.7	117.1	91.7	71.3	50.9
-62.5°	499.1	422.7	351.4	285.2	234.3	178.2	142.6	117.1	91.7	71.3	45.8
-65°	448.2	382.0	315.8	259.7	208.8	168.1	137.5	112.0	91.7	71.3	45.8
-67.5°	397.2	336.1	285.2	229.2	193.5	163.0	132.4	112.0	86.6	66.2	45.8
-70°	346.3	295.4	249.5	213.9	183.3	152.8	127.3	106.9	86.6	61.1	40.7
-72.5°	305.6	259.7	224.1	198.6	173.2	147.7	122.2	101.9	81.5	56.0	35.6
-75°	259.7	229.2	203.7	178.2	157.9	137.5	117.1	91.7	71.3	50.9	35.6
-77.5°	219.0	198.6	178.2	163.0	142.6	122.2	101.9	81.5	66.2	45.8	30.6
-80°	188.4	173.2	157.9	142.6	127.3	106.9	91.7	71.3	56.0	40.7	25.5
-82.5°	152.8	142.6	127.3	117.1	106.9	91.7	76.4	61.1	40.7	30.6	20.4
-85°	117.1	106.9	101.9	91.7	81.5	66.2	50.9	40.7	30.6	20.4	10.2
-87.5°	61.1	56.0	50.9	45.8	40.7	30.6	25.5	20.4	15.3	10.2	5.1
-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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CATALOG NUMBER: IFLD-M-SA4D-740-U-76-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°	0.0	0.0	0.0	0.0
80°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	5.1	5.1	0.0	0.0
67.5°	10.2	5.1	0.0	0.0
65°	10.2	5.1	0.0	0.0
62.5°	10.2	5.1	0.0	0.0
60°	10.2	5.1	0.0	0.0
57.5°	15.3	5.1	5.1	0.0
55°	15.3	5.1	5.1	0.0
52.5°	15.3	5.1	5.1	0.0
50°	15.3	10.2	5.1	0.0
47.5°	15.3	10.2	5.1	0.0
45°	15.3	10.2	5.1	0.0
42.5°	15.3	10.2	5.1	0.0
40°	20.4	10.2	5.1	0.0
37.5°	20.4	10.2	5.1	0.0
35°	20.4	10.2	5.1	0.0
32.5°	20.4	10.2	5.1	0.0
30°	20.4	10.2	5.1	0.0
27.5°	20.4	15.3	5.1	0.0
25°	20.4	15.3	5.1	0.0
22.5°	25.5	15.3	5.1	0.0
20°	25.5	15.3	5.1	0.0
17.5°	25.5	15.3	5.1	0.0
15°	25.5	15.3	5.1	0.0
12.5°	25.5	15.3	5.1	0.0
10°	25.5	15.3	5.1	0.0
7.5°	25.5	15.3	5.1	0.0
5°	25.5	15.3	5.1	0.0
2.5°	25.5	15.3	5.1	0.0
0°	25.5	15.3	5.1	0.0
-2.5°	25.5	15.3	5.1	0.0
-5°	25.5	15.3	5.1	0.0
-7.5°	25.5	15.3	5.1	0.0
-10°	25.5	15.3	5.1	0.0
-12.5°	30.6	15.3	5.1	0.0
-15°	30.6	15.3	5.1	0.0
-17.5°	30.6	15.3	5.1	0.0
-20°	30.6	15.3	5.1	0.0

REPORT NUMBER: P722499

CATALOG NUMBER: IFLD-M-SA4D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	30.6	15.3	5.1	0.0
-25°	30.6	15.3	5.1	0.0
-27.5°	30.6	15.3	5.1	0.0
-30°	30.6	15.3	5.1	0.0
-32.5°	30.6	15.3	5.1	0.0
-35°	30.6	15.3	5.1	0.0
-37.5°	30.6	15.3	5.1	0.0
-40°	30.6	15.3	5.1	0.0
-42.5°	25.5	15.3	5.1	0.0
-45°	30.6	15.3	5.1	0.0
-47.5°	30.6	15.3	5.1	0.0
-50°	30.6	15.3	5.1	0.0
-52.5°	30.6	15.3	5.1	0.0
-55°	30.6	15.3	5.1	0.0
-57.5°	30.6	15.3	5.1	0.0
-60°	30.6	15.3	5.1	0.0
-62.5°	25.5	15.3	5.1	0.0
-65°	25.5	10.2	5.1	0.0
-67.5°	25.5	10.2	5.1	0.0
-70°	25.5	10.2	5.1	0.0
-72.5°	20.4	10.2	5.1	0.0
-75°	20.4	10.2	5.1	0.0
-77.5°	15.3	5.1	0.0	0.0
-80°	15.3	5.1	0.0	0.0
-82.5°	10.2	5.1	0.0	0.0
-85°	5.1	5.1	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)