

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: P722729

Luminaire Tested: **IFLD-M-SA4B-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722729
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

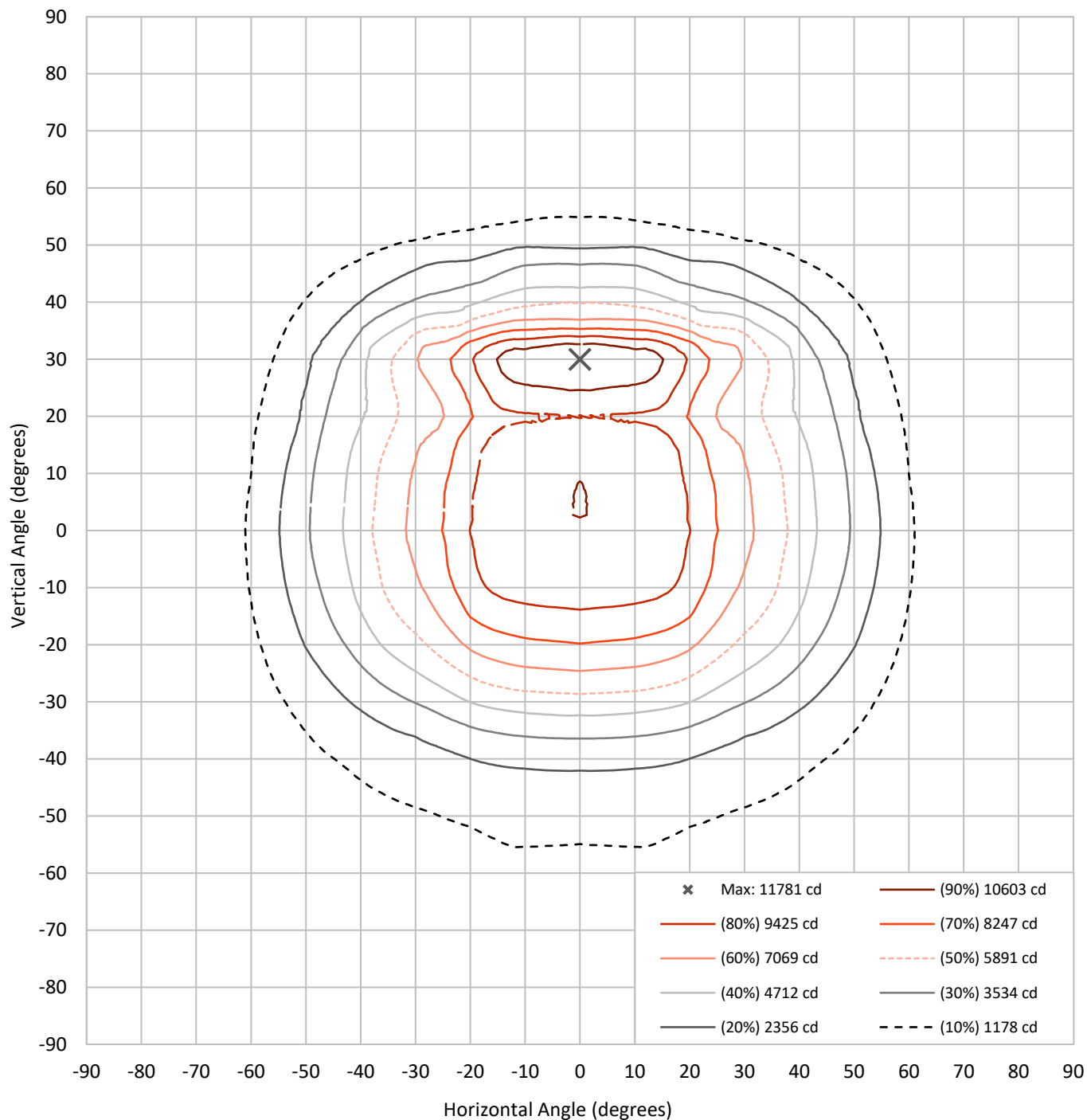
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16875.6 lumens	Max Intensity:	11781 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10765.9 lumens	Field Lumens:	15909.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	166.1		
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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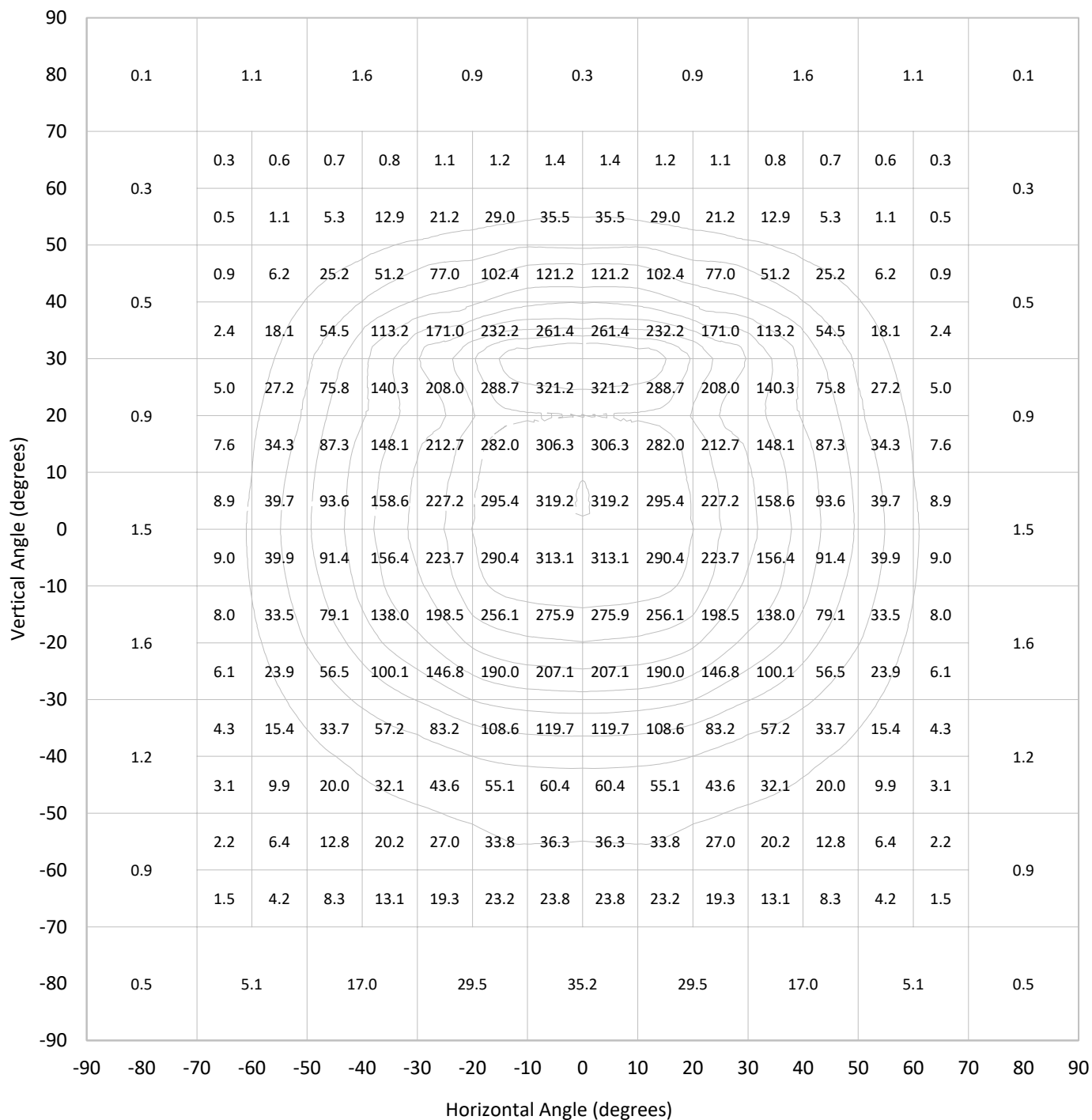
Iso-Candela Plot



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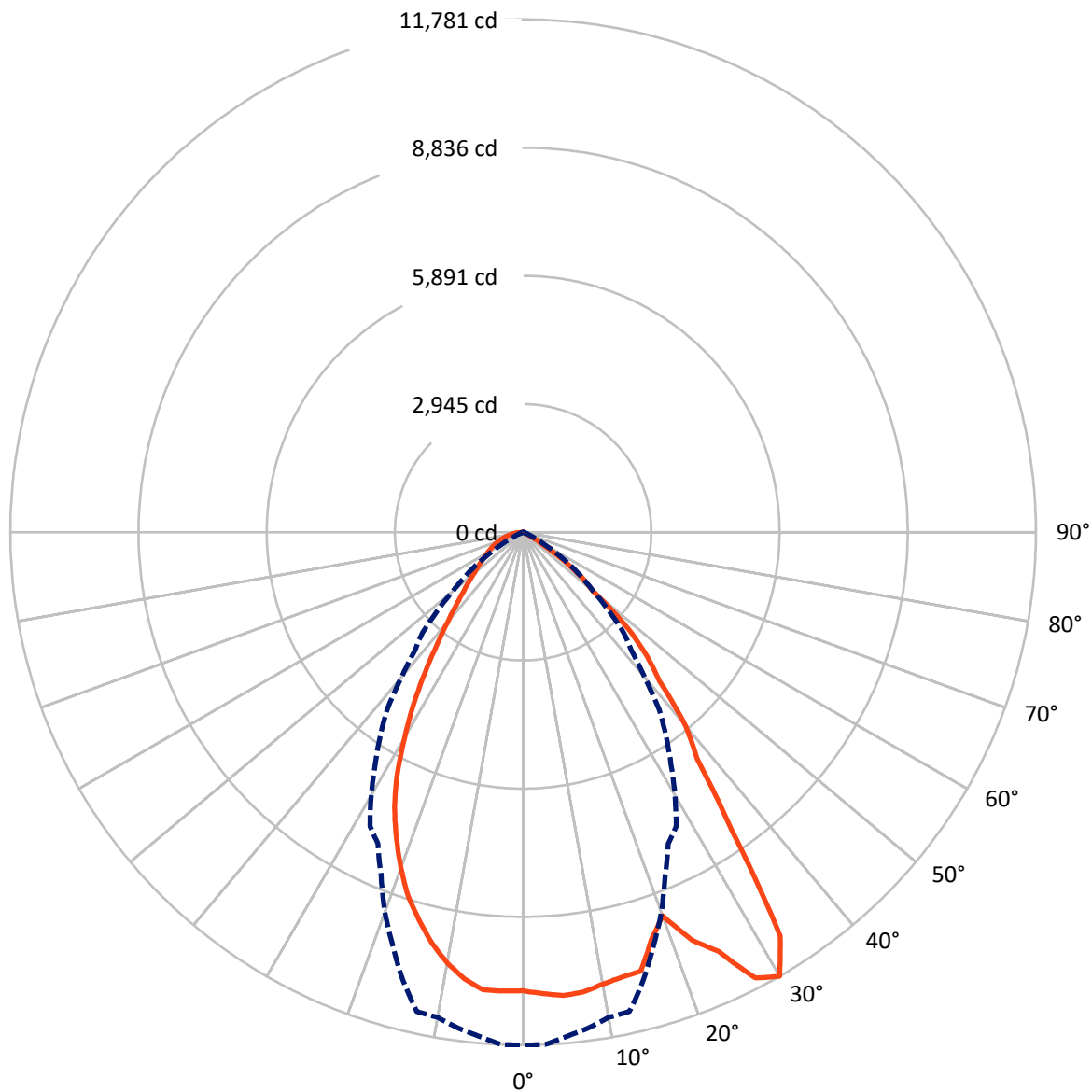
Lumen Table



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Luminous Intensity Polar Plot



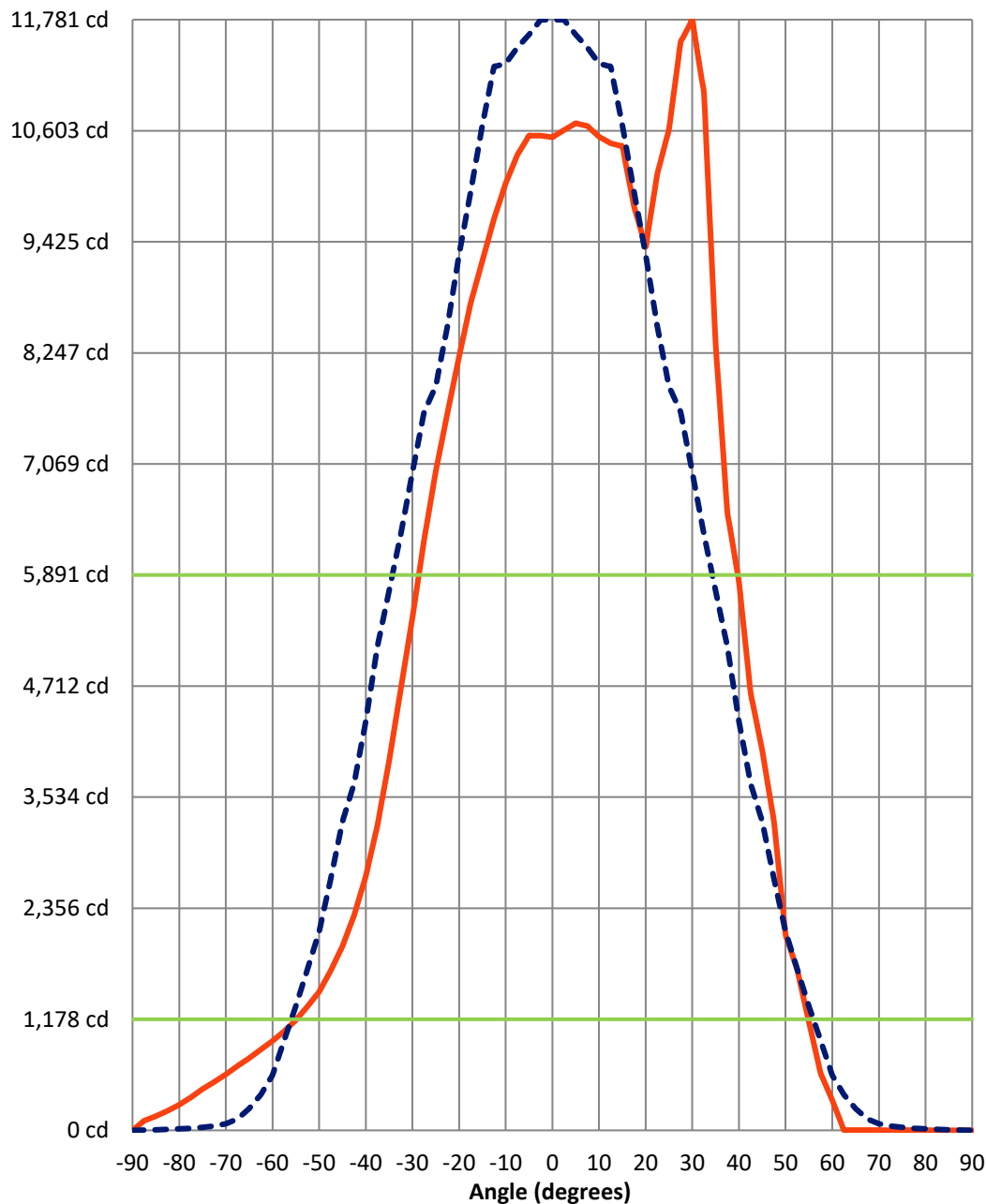
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10765.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 15909.9

Efficiency: 94.3%

Spill:

Lumens: 965.7

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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4	8.1
82.5°	0.0	2.7	2.7	2.7	5.4	5.4	5.4	5.4	8.1	8.1	10.7
80°	2.7	2.7	2.7	2.7	5.4	5.4	5.4	8.1	8.1	10.7	10.7
77.5°	2.7	2.7	2.7	5.4	5.4	5.4	8.1	8.1	10.7	10.7	13.4
75°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	8.1	10.7	10.7	13.4
72.5°	0.0	2.7	2.7	5.4	5.4	8.1	8.1	8.1	10.7	10.7	10.7
70°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	8.1	10.7	10.7	10.7
67.5°	2.7	2.7	2.7	5.4	5.4	8.1	8.1	10.7	10.7	10.7	13.4
65°	2.7	2.7	2.7	5.4	8.1	8.1	10.7	13.4	13.4	16.1	18.8
62.5°	2.7	5.4	5.4	8.1	10.7	13.4	29.6	45.7	45.7	32.2	26.9
60°	319.7	346.6	343.9	311.7	271.4	228.4	220.3	212.2	196.1	171.9	180.0
57.5°	607.2	639.4	652.9	644.8	623.3	585.7	564.2	540.0	507.8	470.2	427.2
55°	1149.9	1163.3	1133.8	1077.4	1015.6	953.8	932.3	900.0	851.7	803.3	738.8
52.5°	1700.7	1746.3	1732.9	1676.5	1593.2	1483.0	1362.1	1268.1	1211.7	1158.0	1093.5
50°	2076.8	2095.6	2133.2	2200.4	2224.6	2149.3	1953.2	1700.7	1520.7	1612.0	1542.1
47.5°	3277.7	3371.8	3353.0	3304.6	3224.0	3019.8	2745.8	2520.1	2332.0	2270.2	2281.0
45°	4027.3	4064.9	4051.5	4030.0	3992.4	3801.6	3498.0	3151.5	2976.8	2907.0	2834.4
42.5°	4642.6	4682.9	4690.9	4693.6	4653.3	4478.7	4204.6	3858.1	3683.4	3481.9	3323.4
40°	5816.6	5875.7	5808.6	5719.9	5585.6	5386.8	5118.1	4798.4	4489.4	4242.3	4054.2
37.5°	6566.2	6638.8	6665.6	6660.3	6630.7	6544.7	6214.3	5910.7	5437.8	4884.4	4983.8
35°	8344.8	8420.0	8398.5	8317.9	8274.9	8183.6	7861.2	7501.2	6907.4	6305.6	6144.4
32.5°	10996.5	11160.4	10854.1	10518.3	10311.4	10384.0	10056.2	9175.0	8900.9	7815.5	7313.1
30°	11781.0	11778.4	11622.5	11485.5	11316.3	11281.3	10663.4	9959.5	9287.8	8527.5	7893.4
27.5°	11541.9	11493.6	11361.9	11262.5	11104.0	11020.7	10416.2	9857.4	9080.9	8401.2	7788.7
25°	10620.4	10658.0	10523.7	10504.9	10443.1	10281.9	9981.0	9352.3	8659.1	7906.9	7466.3
22.5°	10144.9	10131.4	9970.2	9876.2	9951.4	9779.5	9658.6	9024.5	8301.8	7667.8	7138.5
20°	9371.1	9373.8	9333.5	9325.4	9279.8	9201.8	9105.1	8656.4	8146.0	7603.3	6966.5
17.5°	9803.7	9913.8	9962.2	9561.9	9674.7	9586.0	9483.9	8857.9	8473.8	7992.8	7162.7
15°	10437.7	10397.4	10349.0	10327.6	10265.8	10182.5	9997.1	9497.4	8836.5	8339.4	7691.9
12.5°	10470.0	10392.0	10373.2	10370.5	10306.1	10190.5	10010.5	9596.8	9011.1	8406.6	7880.0
10°	10539.8	10459.2	10448.5	10461.9	10362.5	10289.9	10109.9	9725.7	9064.8	8522.1	8025.1
7.5°	10652.6	10518.3	10580.1	10539.8	10494.1	10378.6	10185.2	9809.0	9260.9	8675.3	8154.0
5°	10682.2	10534.4	10601.6	10564.0	10496.8	10384.0	10174.4	9862.8	9381.8	8737.0	8205.1
2.5°	10609.7	10566.7	10537.1	10467.3	10437.7	10314.1	10115.3	9782.2	9325.4	8710.2	8194.3
0°	10534.4	10572.0	10504.9	10435.0	10421.6	10322.2	10152.9	9852.0	9457.1	8785.4	8285.7
-2.5°	10550.6	10521.0	10475.3	10402.8	10332.9	10190.5	10037.4	9755.3	9330.8	8621.5	8156.7
-5°	10550.6	10413.5	10418.9	10421.6	10351.7	10204.0	10018.6	9779.5	9255.6	8618.8	8119.1
-7.5°	10346.4	10228.1	10209.3	10193.2	10174.4	10037.4	9892.3	9594.1	9129.3	8549.0	8014.3
-10°	10045.5	9929.9	9940.7	9916.5	9857.4	9766.0	9655.9	9387.2	9005.7	8328.7	7802.1
-12.5°	9669.3	9618.3	9588.7	9548.4	9489.3	9408.7	9295.9	9043.3	8635.0	8057.3	7557.6
-15°	9223.3	9185.7	9158.9	9134.7	9048.7	8965.4	8817.6	8583.9	8328.7	7708.1	7197.6
-17.5°	8777.3	8683.3	8645.7	8613.5	8557.0	8422.7	8288.4	8113.7	7756.4	7264.8	6826.8
-20°	8205.1	8148.7	8103.0	8060.0	7979.4	7874.6	7764.5	7563.0	7254.0	6856.4	6402.3

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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°	7606.0	7573.7	7536.1	7482.4	7428.6	7329.2	7176.1	6982.7	6740.9	6311.0	5886.5
-25°	6988.0	6926.2	6880.6	6829.5	6786.5	6695.2	6547.4	6362.0	6058.4	5687.7	5333.0
-27.5°	6259.9	6200.8	6176.7	6117.5	6079.9	5996.6	5848.9	5676.9	5402.9	5091.2	4731.2
-30°	5437.8	5448.6	5421.7	5365.3	5319.6	5212.1	5099.3	4954.2	4739.3	4441.1	4118.7
-32.5°	4677.5	4690.9	4658.7	4599.6	4540.5	4462.6	4357.8	4226.1	4064.9	3780.1	3500.7
-35°	3917.2	3911.8	3884.9	3850.0	3809.7	3745.2	3627.0	3527.6	3342.2	3143.4	2950.0
-37.5°	3234.7	3248.2	3240.1	3221.3	3175.6	3121.9	3025.2	2933.8	2796.8	2622.2	2471.7
-40°	2694.7	2710.8	2700.1	2681.3	2641.0	2608.8	2544.3	2463.7	2353.5	2203.1	2076.8
-42.5°	2281.0	2291.7	2278.3	2262.2	2227.2	2203.1	2152.0	2084.9	1993.5	1878.0	1765.1
-45°	1953.2	1955.9	1942.5	1931.7	1904.8	1875.3	1832.3	1778.6	1706.0	1625.4	1534.1
-47.5°	1695.3	1692.6	1679.2	1668.4	1646.9	1620.1	1585.1	1536.8	1480.4	1418.6	1346.0
-50°	1469.6	1483.0	1477.7	1466.9	1450.8	1432.0	1397.1	1346.0	1289.6	1243.9	1192.9
-52.5°	1313.8	1316.5	1313.8	1313.8	1311.1	1297.7	1257.4	1206.3	1144.5	1104.2	1061.2
-55°	1168.7	1182.1	1187.5	1192.9	1195.6	1195.6	1147.2	1093.5	1034.4	994.1	961.8
-57.5°	1050.5	1058.5	1063.9	1077.4	1088.1	1096.2	1053.2	1004.8	959.1	921.5	892.0
-60°	948.4	959.1	967.2	980.6	988.7	994.1	967.2	935.0	908.1	883.9	840.9
-62.5°	857.0	865.1	873.2	881.2	889.3	894.7	883.9	867.8	854.4	843.6	789.9
-65°	765.7	773.8	781.8	792.6	800.6	806.0	803.3	792.6	781.8	771.1	722.7
-67.5°	682.4	690.5	701.2	703.9	709.3	712.0	706.6	698.5	685.1	671.7	634.1
-70°	593.8	599.1	604.5	604.5	604.5	601.8	596.4	585.7	572.3	553.5	523.9
-72.5°	513.2	518.5	523.9	515.8	510.5	502.4	494.3	480.9	467.5	454.0	437.9
-75°	437.9	440.6	440.6	429.9	421.8	413.7	403.0	394.9	381.5	370.8	357.3
-77.5°	349.3	349.3	349.3	341.2	335.8	330.5	322.4	314.3	303.6	295.5	284.8
-80°	271.4	271.4	271.4	268.7	260.6	255.2	249.9	244.5	236.4	231.1	225.7
-82.5°	206.9	206.9	206.9	204.2	198.8	196.1	190.8	185.4	182.7	177.3	174.6
-85°	150.5	153.1	153.1	150.5	147.8	142.4	139.7	137.0	134.3	131.6	126.3
-87.5°	102.1	102.1	102.1	99.4	96.7	96.7	94.0	88.7	83.3	80.6	77.9
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.1	8.1	8.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	8.1
82.5°	13.4	13.4	16.1	16.1	18.8	18.8	18.8	18.8	18.8	18.8	18.8
80°	13.4	16.1	18.8	21.5	24.2	26.9	26.9	26.9	26.9	24.2	24.2
77.5°	16.1	16.1	18.8	21.5	24.2	26.9	29.6	32.2	29.6	29.6	29.6
75°	16.1	18.8	18.8	21.5	24.2	26.9	29.6	32.2	32.2	32.2	32.2
72.5°	13.4	16.1	18.8	21.5	21.5	24.2	26.9	26.9	29.6	29.6	32.2
70°	13.4	16.1	18.8	18.8	21.5	21.5	24.2	26.9	26.9	29.6	29.6
67.5°	16.1	18.8	18.8	21.5	24.2	24.2	24.2	26.9	26.9	29.6	29.6
65°	18.8	21.5	21.5	24.2	26.9	26.9	29.6	29.6	29.6	32.2	32.2
62.5°	32.2	32.2	32.2	29.6	32.2	32.2	32.2	34.9	34.9	32.2	34.9
60°	166.6	120.9	83.3	104.8	94.0	43.0	43.0	43.0	40.3	40.3	37.6
57.5°	392.3	365.4	314.3	266.0	239.1	212.2	131.6	53.7	53.7	48.4	43.0
55°	655.5	566.9	529.3	464.8	394.9	362.7	300.9	204.2	96.7	64.5	56.4
52.5°	1015.6	932.3	835.6	703.9	609.9	534.6	483.6	384.2	257.9	137.0	86.0
50°	1359.5	1321.8	1262.7	1133.8	937.6	811.4	728.1	615.2	462.1	282.1	161.2
47.5°	2189.6	1875.3	1684.5	1585.1	1421.2	1182.1	1020.9	894.7	709.3	475.5	284.8
45°	2756.5	2557.7	2254.1	2044.6	1802.8	1550.2	1340.6	1195.6	975.3	712.0	446.0
42.5°	3242.8	3070.9	2796.8	2490.5	2235.3	1904.8	1636.2	1445.4	1260.0	972.6	666.3
40°	3868.8	3664.6	3401.3	3103.1	2804.9	2383.1	1947.8	1716.8	1512.6	1257.4	900.0
37.5°	4900.5	4540.5	4110.6	3780.1	3390.6	3033.2	2436.8	2028.4	1786.6	1520.7	1174.1
35°	6141.7	5746.8	5029.4	4591.5	4070.3	3538.3	3001.0	2396.5	2052.6	1770.5	1426.6
32.5°	7297.0	6719.4	5800.5	5287.4	4940.8	3960.2	3404.0	2880.1	2326.7	1980.1	1571.7
30°	7616.7	6980.0	6321.7	5722.6	5131.5	4339.0	3680.7	3272.4	2670.5	2106.3	1708.7
27.5°	7294.3	6856.4	6345.9	5789.8	5150.3	4470.6	3850.0	3460.4	2923.1	2192.3	1816.2
25°	6966.5	6509.8	6152.5	5687.7	5096.6	4462.6	3855.4	3578.6	3119.2	2358.9	1875.3
22.5°	6620.0	6335.2	6039.6	5521.1	4962.3	4486.7	4030.0	3680.7	3221.3	2547.0	1899.5
20°	6638.8	6453.4	6128.3	5435.1	4938.1	4629.1	4239.6	3809.7	3331.5	2710.8	1918.3
17.5°	6939.7	6697.9	6289.5	5687.7	5155.7	4774.2	4414.2	3987.0	3444.3	2855.9	2146.6
15°	7310.4	6942.4	6515.2	5985.9	5384.1	4932.7	4548.5	4110.6	3573.3	2990.3	2350.8
12.5°	7579.1	7055.2	6654.9	6176.7	5631.3	5104.7	4637.2	4204.6	3694.2	3100.4	2504.0
10°	7670.4	7194.9	6722.0	6294.9	5757.5	5196.0	4704.4	4263.7	3799.0	3186.4	2616.8
7.5°	7718.8	7315.8	6767.7	6348.6	5832.8	5252.4	4758.1	4296.0	3882.2	3245.5	2689.4
5°	7713.4	7380.3	6802.6	6364.7	5873.1	5276.6	4795.7	4304.0	3941.3	3296.5	2732.3
2.5°	7689.2	7423.3	6859.1	6391.6	5953.7	5322.3	4868.2	4320.2	3962.8	3353.0	2761.9
0°	7777.9	7426.0	6918.2	6399.6	6007.4	5338.4	4900.5	4306.7	3933.3	3369.1	2759.2
-2.5°	7587.2	7267.4	6904.7	6329.8	5934.9	5300.8	4841.4	4263.7	3868.8	3350.3	2748.5
-5°	7554.9	7151.9	6791.9	6265.3	5814.0	5222.9	4731.2	4183.1	3766.7	3288.5	2705.5
-7.5°	7468.9	7041.8	6681.7	6214.3	5701.1	5142.3	4626.4	4099.9	3656.6	3191.8	2643.7
-10°	7280.9	6872.5	6563.5	6104.1	5564.1	5026.8	4500.2	3989.7	3527.6	3060.1	2547.0
-12.5°	7012.2	6603.8	6297.6	5870.4	5392.1	4870.9	4349.7	3847.3	3379.8	2920.4	2431.4
-15°	6708.6	6294.9	5988.6	5599.0	5136.9	4629.1	4159.0	3667.3	3210.6	2772.6	2294.4
-17.5°	6364.7	5972.5	5676.9	5298.1	4838.7	4355.1	3887.6	3441.6	3014.4	2619.5	2135.9
-20°	5967.1	5585.6	5314.2	4935.4	4513.6	4043.4	3589.4	3167.6	2783.4	2412.6	1961.3

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CATALOG NUMBER: IFLD-M-SA4B-940-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°	5475.4	5139.6	4830.6	4492.1	4124.0	3694.2	3272.4	2898.9	2530.8	2168.1	1781.3
-25°	4973.0	4647.9	4347.0	4038.1	3686.1	3315.3	2955.3	2616.8	2256.8	1929.0	1606.6
-27.5°	4414.2	4124.0	3855.4	3570.6	3248.2	2928.5	2632.9	2302.5	1990.8	1711.4	1434.7
-30°	3817.8	3581.3	3347.6	3095.0	2834.4	2565.8	2302.5	1990.8	1746.3	1523.3	1289.6
-32.5°	3245.5	3033.2	2845.2	2657.1	2431.4	2211.1	1977.4	1746.3	1542.1	1346.0	1149.9
-35°	2743.1	2517.4	2412.6	2262.2	2082.2	1883.4	1692.6	1531.4	1367.5	1190.2	1015.6
-37.5°	2307.8	2162.8	2039.2	1926.3	1783.9	1612.0	1475.0	1343.3	1206.3	1045.1	894.7
-40°	1966.6	1861.9	1738.3	1655.0	1539.5	1415.9	1278.9	1168.7	1053.2	921.5	797.9
-42.5°	1692.6	1606.6	1526.0	1437.4	1351.4	1246.6	1128.4	1023.6	918.8	822.1	720.0
-45°	1466.9	1405.1	1340.6	1268.1	1192.9	1101.5	1004.8	897.3	822.1	736.1	650.2
-47.5°	1281.5	1235.9	1182.1	1125.7	1061.2	980.6	892.0	814.1	736.1	663.6	580.3
-50°	1133.8	1090.8	1047.8	999.4	943.0	873.2	806.0	733.5	660.9	591.1	513.2
-52.5°	1010.2	972.6	937.6	897.3	843.6	784.5	722.7	658.2	591.1	521.2	459.4
-55°	924.2	881.2	846.3	806.0	757.6	701.2	644.8	585.7	521.2	467.5	416.4
-57.5°	854.4	806.0	765.7	722.7	674.4	626.0	574.9	521.2	472.9	421.8	373.4
-60°	795.3	738.8	693.2	650.2	604.5	558.8	515.8	470.2	424.5	378.8	330.5
-62.5°	733.5	674.4	617.9	577.6	542.7	502.4	464.8	421.8	381.5	335.8	300.9
-65°	663.6	607.2	553.5	518.5	486.3	451.4	416.4	378.8	343.9	309.0	276.7
-67.5°	585.7	537.3	499.7	467.5	435.2	405.7	373.4	341.2	311.7	276.7	244.5
-70°	491.7	464.8	443.3	419.1	389.6	362.7	333.1	303.6	271.4	241.8	212.2
-72.5°	419.1	403.0	386.9	362.7	335.8	311.7	287.5	260.6	233.7	206.9	182.7
-75°	343.9	330.5	317.0	300.9	279.4	260.6	239.1	214.9	193.4	174.6	155.8
-77.5°	276.7	266.0	257.9	244.5	228.4	212.2	198.8	182.7	166.6	147.8	129.0
-80°	220.3	214.9	212.2	206.9	193.4	180.0	169.3	155.8	139.7	126.3	112.8
-82.5°	171.9	171.9	169.3	166.6	155.8	145.1	137.0	126.3	115.5	104.8	91.3
-85°	126.3	123.6	123.6	120.9	112.8	107.5	99.4	94.0	86.0	75.2	69.9
-87.5°	75.2	72.5	69.9	67.2	61.8	59.1	53.7	51.0	45.7	40.3	37.6
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.1	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7	2.7	2.7
82.5°	16.1	16.1	13.4	13.4	10.7	8.1	5.4	5.4	5.4	2.7	2.7
80°	24.2	24.2	24.2	21.5	18.8	13.4	10.7	8.1	5.4	2.7	2.7
77.5°	29.6	26.9	26.9	24.2	24.2	21.5	16.1	13.4	8.1	5.4	2.7
75°	29.6	29.6	29.6	26.9	26.9	24.2	21.5	16.1	13.4	8.1	5.4
72.5°	32.2	29.6	29.6	29.6	26.9	24.2	21.5	18.8	16.1	10.7	5.4
70°	29.6	29.6	29.6	29.6	26.9	26.9	21.5	18.8	18.8	10.7	8.1
67.5°	29.6	29.6	29.6	26.9	26.9	24.2	21.5	18.8	18.8	13.4	8.1
65°	32.2	29.6	29.6	29.6	26.9	24.2	21.5	18.8	18.8	16.1	10.7
62.5°	34.9	32.2	32.2	29.6	26.9	24.2	21.5	18.8	18.8	16.1	10.7
60°	37.6	34.9	32.2	32.2	29.6	26.9	21.5	21.5	18.8	16.1	10.7
57.5°	40.3	37.6	37.6	34.9	32.2	29.6	24.2	21.5	18.8	16.1	13.4
55°	48.4	43.0	40.3	40.3	37.6	32.2	26.9	21.5	18.8	16.1	13.4
52.5°	64.5	51.0	45.7	45.7	43.0	37.6	29.6	24.2	18.8	16.1	13.4
50°	102.1	64.5	53.7	48.4	48.4	43.0	34.9	26.9	18.8	16.1	13.4
47.5°	161.2	107.5	64.5	56.4	53.7	51.0	40.3	26.9	21.5	16.1	13.4
45°	266.0	158.5	104.8	67.2	56.4	53.7	45.7	29.6	21.5	18.8	13.4
42.5°	365.4	247.2	161.2	80.6	67.2	59.1	48.4	32.2	24.2	18.8	13.4
40°	574.9	338.5	225.7	131.6	77.9	61.8	53.7	37.6	24.2	18.8	13.4
37.5°	779.1	448.7	303.6	193.4	88.7	69.9	56.4	40.3	26.9	18.8	16.1
35°	983.3	628.7	376.1	257.9	118.2	83.3	59.1	43.0	26.9	18.8	16.1
32.5°	1166.0	797.9	451.4	322.4	177.3	99.4	64.5	45.7	29.6	21.5	16.1
30°	1316.5	953.8	585.7	378.8	231.1	120.9	69.9	45.7	32.2	21.5	16.1
27.5°	1429.3	1074.7	722.7	437.9	276.7	142.4	80.6	51.0	32.2	21.5	16.1
25°	1520.7	1168.7	843.6	499.7	317.0	177.3	96.7	53.7	34.9	24.2	16.1
22.5°	1593.2	1246.6	943.0	583.0	365.4	212.2	118.2	59.1	34.9	24.2	16.1
20°	1692.6	1324.5	1010.2	671.7	416.4	244.5	137.0	64.5	34.9	24.2	18.8
17.5°	1778.6	1402.4	1063.9	746.9	467.5	268.7	158.5	69.9	37.6	24.2	18.8
15°	1878.0	1477.7	1112.3	806.0	515.8	290.2	177.3	75.2	37.6	26.9	18.8
12.5°	1985.4	1547.5	1147.2	854.4	566.9	309.0	193.4	86.0	40.3	26.9	18.8
10°	2095.6	1606.6	1176.8	889.3	604.5	327.8	204.2	96.7	43.0	26.9	18.8
7.5°	2205.8	1660.4	1214.4	905.4	620.6	349.3	209.6	107.5	43.0	29.6	18.8
5°	2281.0	1695.3	1268.1	916.2	628.7	373.4	217.6	120.9	45.7	29.6	18.8
2.5°	2345.5	1716.8	1324.5	924.2	631.4	386.9	214.9	129.0	48.4	29.6	18.8
0°	2375.0	1716.8	1362.1	918.8	623.3	400.3	214.9	137.0	48.4	29.6	18.8
-2.5°	2329.3	1765.1	1351.4	921.5	626.0	400.3	225.7	139.7	53.7	32.2	18.8
-5°	2256.8	1783.9	1319.2	908.1	620.6	400.3	239.1	142.4	56.4	32.2	21.5
-7.5°	2186.9	1792.0	1281.5	894.7	612.6	389.6	241.8	139.7	61.8	34.9	21.5
-10°	2095.6	1703.3	1233.2	870.5	596.4	381.5	247.2	139.7	64.5	34.9	21.5
-12.5°	1990.8	1595.9	1174.1	835.6	577.6	373.4	249.9	139.7	67.2	37.6	21.5
-15°	1869.9	1485.7	1106.9	797.9	550.8	362.7	244.5	137.0	69.9	37.6	24.2
-17.5°	1732.9	1378.3	1037.1	752.3	521.2	349.3	233.7	134.3	69.9	37.6	24.2
-20°	1577.1	1270.8	959.1	706.6	486.3	333.1	223.0	129.0	69.9	37.6	24.2

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CATALOG NUMBER: IFLD-M-SA4B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1437.4	1171.4	878.5	655.5	448.7	314.3	209.6	123.6	69.9	40.3	24.2
-25°	1321.8	1074.7	816.7	604.5	408.4	292.8	196.1	118.2	69.9	40.3	24.2
-27.5°	1200.9	969.9	752.3	556.1	381.5	274.0	182.7	112.8	67.2	40.3	24.2
-30°	1077.4	867.8	685.1	502.4	354.6	255.2	171.9	104.8	67.2	40.3	24.2
-32.5°	964.5	784.5	623.3	448.7	325.1	236.4	161.2	102.1	64.5	40.3	24.2
-35°	854.4	709.3	558.8	405.7	292.8	217.6	150.5	99.4	64.5	40.3	24.2
-37.5°	763.0	639.4	499.7	376.1	274.0	201.5	139.7	94.0	61.8	40.3	24.2
-40°	687.8	574.9	443.3	343.9	257.9	185.4	129.0	91.3	61.8	40.3	24.2
-42.5°	617.9	513.2	408.4	317.0	241.8	174.6	120.9	88.7	59.1	40.3	24.2
-45°	556.1	459.4	373.4	292.8	223.0	161.2	115.5	83.3	56.4	40.3	26.9
-47.5°	494.3	421.8	341.2	271.4	204.2	145.1	110.2	80.6	53.7	37.6	26.9
-50°	446.0	381.5	314.3	247.2	185.4	139.7	104.8	75.2	53.7	37.6	26.9
-52.5°	403.0	343.9	284.8	223.0	169.3	131.6	99.4	69.9	51.0	37.6	26.9
-55°	362.7	309.0	255.2	198.8	158.5	123.6	91.3	64.5	51.0	37.6	26.9
-57.5°	322.4	276.7	225.7	180.0	145.1	115.5	86.0	64.5	51.0	37.6	26.9
-60°	290.2	247.2	204.2	166.6	134.3	104.8	77.9	61.8	48.4	37.6	26.9
-62.5°	263.3	223.0	185.4	150.5	123.6	94.0	75.2	61.8	48.4	37.6	24.2
-65°	236.4	201.5	166.6	137.0	110.2	88.7	72.5	59.1	48.4	37.6	24.2
-67.5°	209.6	177.3	150.5	120.9	102.1	86.0	69.9	59.1	45.7	34.9	24.2
-70°	182.7	155.8	131.6	112.8	96.7	80.6	67.2	56.4	45.7	32.2	21.5
-72.5°	161.2	137.0	118.2	104.8	91.3	77.9	64.5	53.7	43.0	29.6	18.8
-75°	137.0	120.9	107.5	94.0	83.3	72.5	61.8	48.4	37.6	26.9	18.8
-77.5°	115.5	104.8	94.0	86.0	75.2	64.5	53.7	43.0	34.9	24.2	16.1
-80°	99.4	91.3	83.3	75.2	67.2	56.4	48.4	37.6	29.6	21.5	13.4
-82.5°	80.6	75.2	67.2	61.8	56.4	48.4	40.3	32.2	21.5	16.1	10.7
-85°	61.8	56.4	53.7	48.4	43.0	34.9	26.9	21.5	16.1	10.7	5.4
-87.5°	32.2	29.6	26.9	24.2	21.5	16.1	13.4	10.7	8.1	5.4	2.7
-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):

	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°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.4	2.7	0.0	0.0
65°	5.4	2.7	0.0	0.0
62.5°	5.4	2.7	0.0	0.0
60°	5.4	2.7	0.0	0.0
57.5°	8.1	2.7	2.7	0.0
55°	8.1	2.7	2.7	0.0
52.5°	8.1	2.7	2.7	0.0
50°	8.1	5.4	2.7	0.0
47.5°	8.1	5.4	2.7	0.0
45°	8.1	5.4	2.7	0.0
42.5°	8.1	5.4	2.7	0.0
40°	10.7	5.4	2.7	0.0
37.5°	10.7	5.4	2.7	0.0
35°	10.7	5.4	2.7	0.0
32.5°	10.7	5.4	2.7	0.0
30°	10.7	5.4	2.7	0.0
27.5°	10.7	8.1	2.7	0.0
25°	10.7	8.1	2.7	0.0
22.5°	13.4	8.1	2.7	0.0
20°	13.4	8.1	2.7	0.0
17.5°	13.4	8.1	2.7	0.0
15°	13.4	8.1	2.7	0.0
12.5°	13.4	8.1	2.7	0.0
10°	13.4	8.1	2.7	0.0
7.5°	13.4	8.1	2.7	0.0
5°	13.4	8.1	2.7	0.0
2.5°	13.4	8.1	2.7	0.0
0°	13.4	8.1	2.7	0.0
-2.5°	13.4	8.1	2.7	0.0
-5°	13.4	8.1	2.7	0.0
-7.5°	13.4	8.1	2.7	0.0
-10°	13.4	8.1	2.7	0.0
-12.5°	16.1	8.1	2.7	0.0
-15°	16.1	8.1	2.7	0.0
-17.5°	16.1	8.1	2.7	0.0
-20°	16.1	8.1	2.7	0.0

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CATALOG NUMBER: IFLD-M-SA4B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.1	8.1	2.7	0.0
-25°	16.1	8.1	2.7	0.0
-27.5°	16.1	8.1	2.7	0.0
-30°	16.1	8.1	2.7	0.0
-32.5°	16.1	8.1	2.7	0.0
-35°	16.1	8.1	2.7	0.0
-37.5°	16.1	8.1	2.7	0.0
-40°	16.1	8.1	2.7	0.0
-42.5°	13.4	8.1	2.7	0.0
-45°	16.1	8.1	2.7	0.0
-47.5°	16.1	8.1	2.7	0.0
-50°	16.1	8.1	2.7	0.0
-52.5°	16.1	8.1	2.7	0.0
-55°	16.1	8.1	2.7	0.0
-57.5°	16.1	8.1	2.7	0.0
-60°	16.1	8.1	2.7	0.0
-62.5°	13.4	8.1	2.7	0.0
-65°	13.4	5.4	2.7	0.0
-67.5°	13.4	5.4	2.7	0.0
-70°	13.4	5.4	2.7	0.0
-72.5°	10.7	5.4	2.7	0.0
-75°	10.7	5.4	2.7	0.0
-77.5°	8.1	2.7	0.0	0.0
-80°	8.1	2.7	0.0	0.0
-82.5°	5.4	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)