

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: P722599

Luminaire Tested: **IFLD-S-SA2C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722599
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

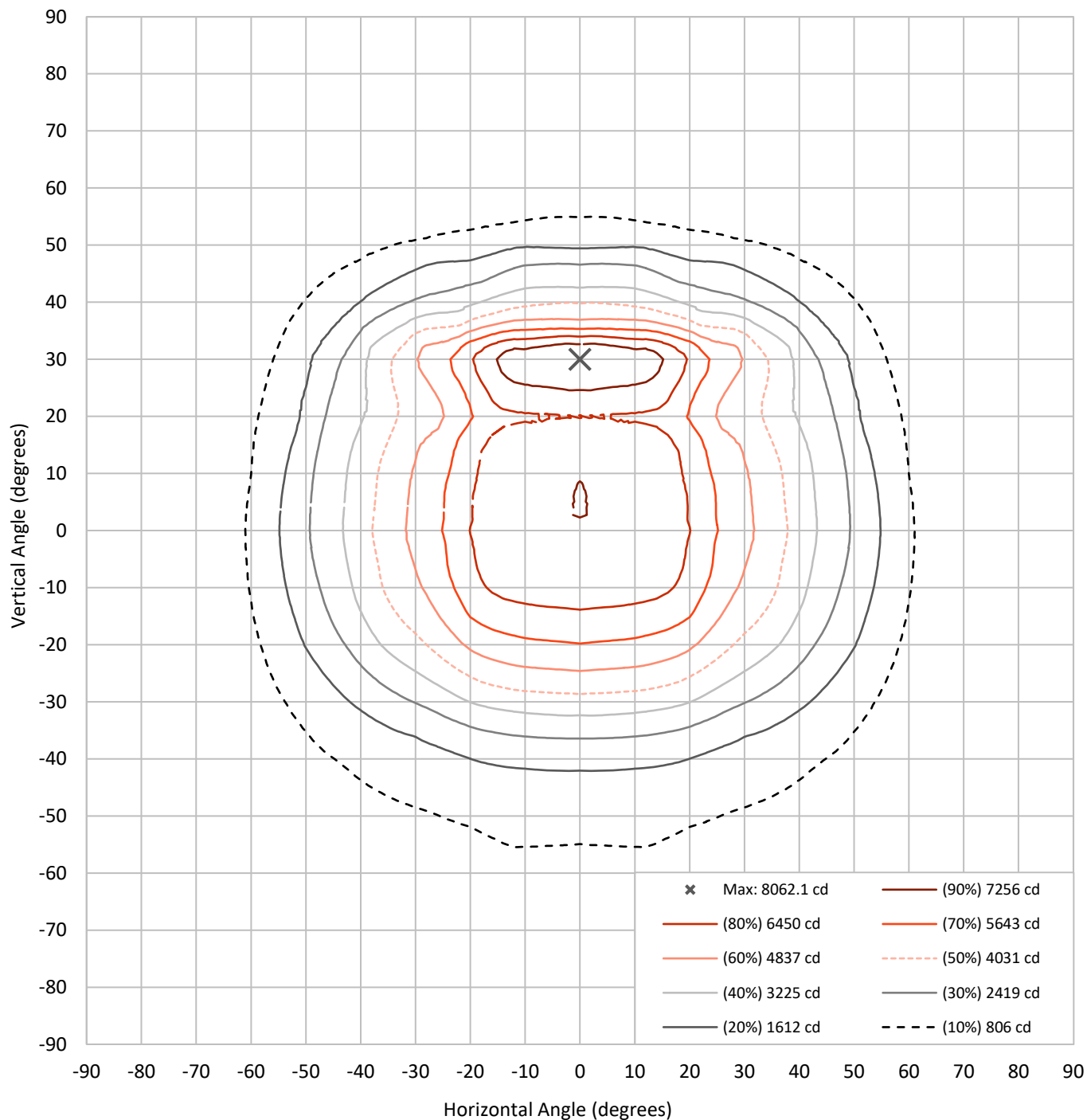
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11548.4 lumens	Max Intensity:	8062.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7367.4 lumens	Field Lumens:	10887.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	108.2		
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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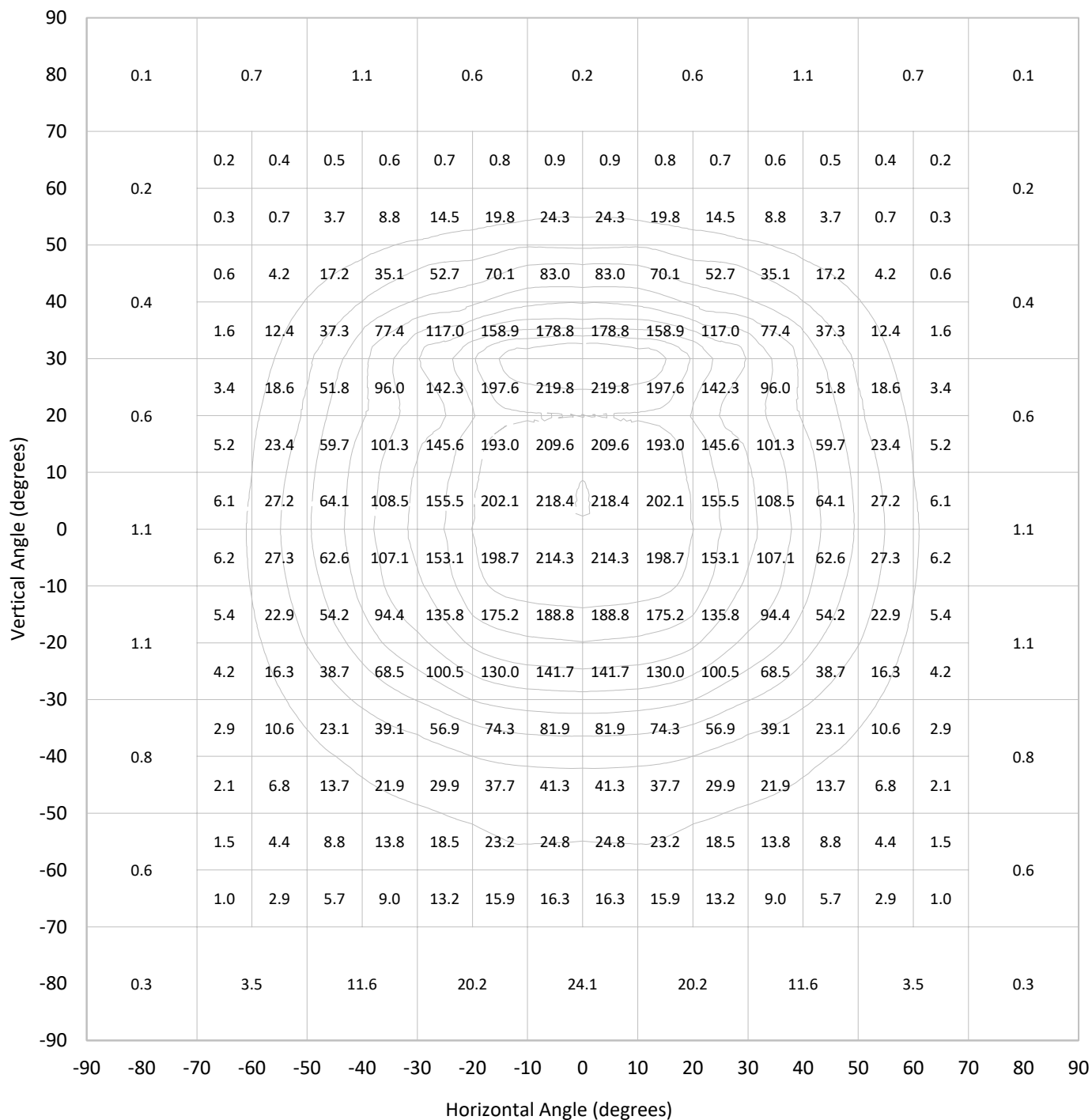
Iso-Candela Plot



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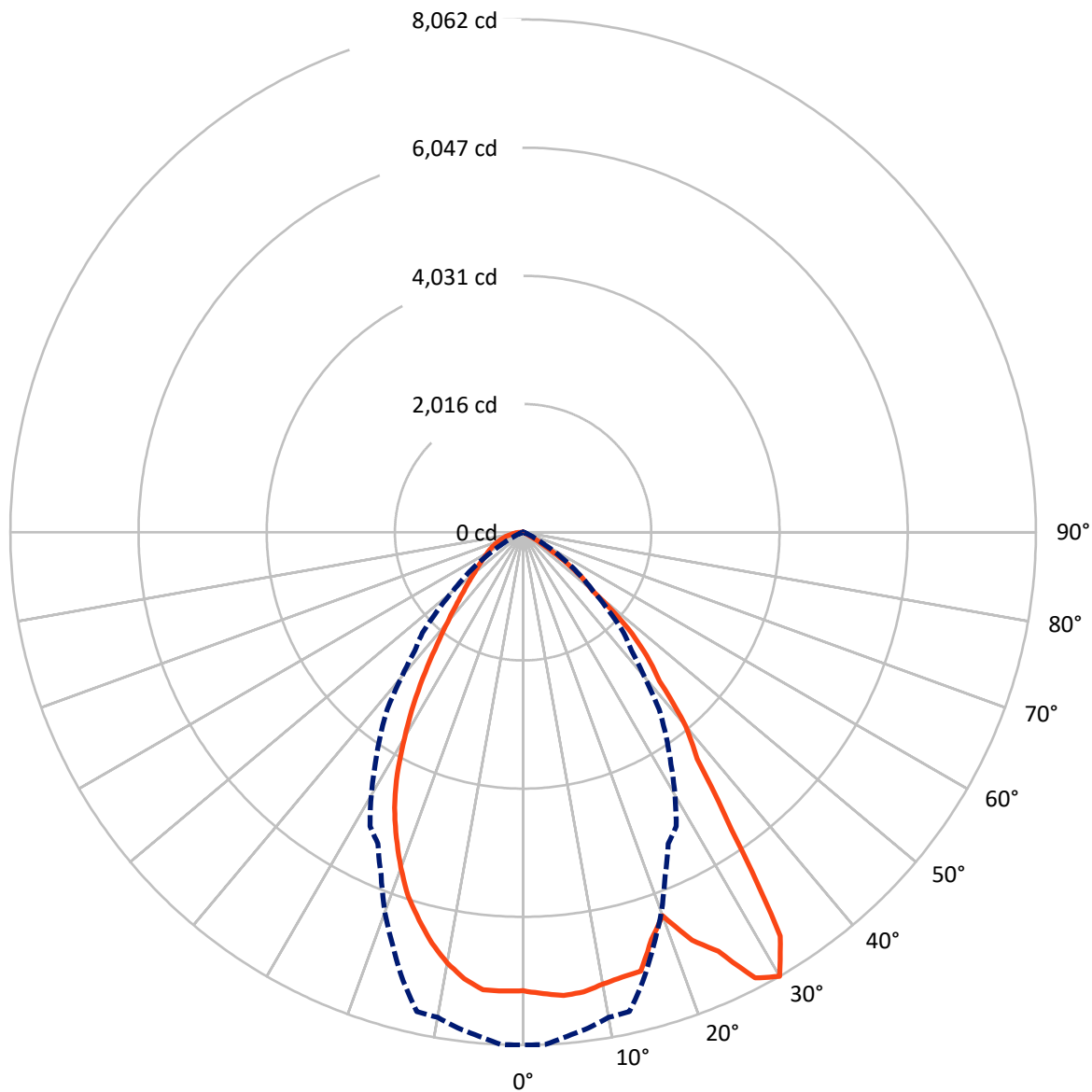
Lumen Table



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Luminous Intensity Polar Plot



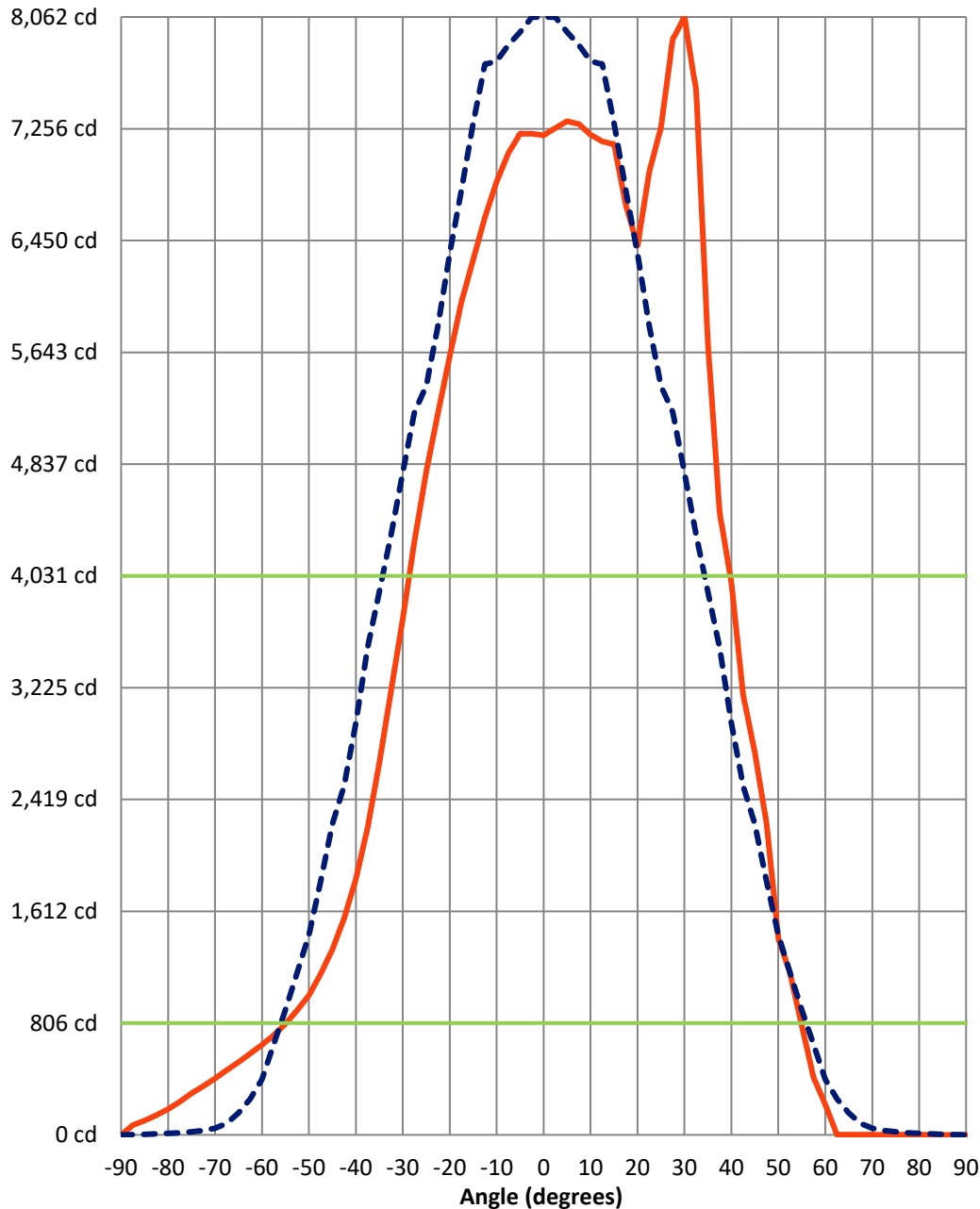
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 7367.4
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 10887.6
Efficiency: 94.3%

Spill:

Lumens: 660.8
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	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	3.7	3.7	3.7	5.5
82.5°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	3.7	5.5	5.5	7.4
80°	1.8	1.8	1.8	1.8	3.7	3.7	3.7	5.5	5.5	7.4	7.4
77.5°	1.8	1.8	1.8	3.7	3.7	3.7	5.5	5.5	7.4	7.4	9.2
75°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	9.2
72.5°	0.0	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	7.4
70°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	7.4
67.5°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	7.4	7.4	7.4	9.2
65°	1.8	1.8	1.8	3.7	5.5	5.5	7.4	9.2	9.2	11.0	12.9
62.5°	1.8	3.7	3.7	5.5	7.4	9.2	20.2	31.3	31.3	22.1	18.4
60°	218.8	237.2	235.3	213.3	185.7	156.3	150.8	145.2	134.2	117.7	123.2
57.5°	415.5	437.6	446.8	441.3	426.5	400.8	386.1	369.6	347.5	321.7	292.3
55°	786.9	796.1	775.9	737.3	695.0	652.7	638.0	615.9	582.8	549.7	505.6
52.5°	1163.8	1195.1	1185.9	1147.3	1090.3	1014.9	932.1	867.8	829.2	792.4	748.3
50°	1421.2	1434.1	1459.8	1505.8	1522.3	1470.8	1336.6	1163.8	1040.6	1103.1	1055.3
47.5°	2243.0	2307.4	2294.5	2261.4	2206.3	2066.5	1879.0	1724.6	1595.9	1553.6	1560.9
45°	2756.0	2781.7	2772.5	2757.8	2732.1	2601.6	2393.8	2156.6	2037.1	1989.3	1939.7
42.5°	3177.0	3204.6	3210.1	3212.0	3184.4	3064.9	2877.3	2640.2	2520.7	2382.8	2274.3
40°	3980.5	4020.9	3975.0	3914.3	3822.4	3686.3	3502.5	3283.7	3072.2	2903.1	2774.4
37.5°	4493.4	4543.1	4561.5	4557.8	4537.6	4478.7	4252.6	4044.8	3721.2	3342.5	3410.5
35°	5710.6	5762.0	5747.3	5692.2	5662.8	5600.2	5379.6	5133.3	4726.9	4315.1	4204.8
32.5°	7525.2	7637.4	7427.8	7198.0	7056.4	7106.0	6881.7	6278.7	6091.1	5348.4	5004.6
30°	8062.1	8060.2	7953.6	7859.8	7744.0	7720.1	7297.2	6815.5	6355.9	5835.6	5401.7
27.5°	7898.4	7865.4	7775.3	7707.2	7598.8	7541.8	7128.1	6745.7	6214.3	5749.2	5330.0
25°	7267.8	7293.6	7201.6	7188.8	7146.5	7036.2	6830.2	6400.0	5925.7	5410.9	5109.4
22.5°	6942.4	6933.2	6822.9	6758.5	6810.0	6692.4	6609.6	6175.7	5681.1	5247.2	4885.0
20°	6412.9	6414.7	6387.1	6381.6	6350.4	6297.1	6230.9	5923.8	5574.5	5203.1	4767.4
17.5°	6708.9	6784.3	6817.4	6543.4	6620.6	6560.0	6490.1	6061.7	5798.8	5469.7	4901.6
15°	7142.8	7115.2	7082.1	7067.4	7025.1	6968.1	6841.3	6499.3	6047.0	5706.9	5263.8
12.5°	7164.9	7111.5	7098.7	7096.8	7052.7	6973.6	6850.5	6567.3	6166.5	5752.8	5392.5
10°	7212.7	7157.5	7150.2	7159.3	7091.3	7041.7	6918.5	6655.6	6203.3	5831.9	5491.8
7.5°	7289.9	7198.0	7240.2	7212.7	7181.4	7102.3	6970.0	6712.6	6337.5	5936.7	5580.0
5°	7310.1	7209.0	7254.9	7229.2	7183.2	7106.0	6962.6	6749.3	6420.2	5979.0	5615.0
2.5°	7260.5	7231.0	7210.8	7163.0	7142.8	7058.2	6922.2	6694.2	6381.6	5960.6	5607.6
0°	7209.0	7234.7	7188.8	7141.0	7131.8	7063.7	6947.9	6742.0	6471.7	6012.1	5670.1
-2.5°	7220.0	7199.8	7168.5	7118.9	7071.1	6973.6	6868.9	6675.8	6385.3	5899.9	5581.9
-5°	7220.0	7126.2	7129.9	7131.8	7084.0	6982.8	6856.0	6692.4	6333.8	5898.1	5556.1
-7.5°	7080.3	6999.4	6986.5	6975.5	6962.6	6868.9	6769.6	6565.5	6247.4	5850.3	5484.4
-10°	6874.4	6795.3	6802.7	6786.1	6745.7	6683.2	6607.8	6423.9	6162.8	5699.5	5339.2
-12.5°	6617.0	6582.0	6561.8	6534.2	6493.8	6438.6	6361.4	6188.6	5909.1	5513.8	5171.9
-15°	6311.8	6286.0	6267.6	6251.1	6192.3	6135.3	6034.1	5874.2	5699.5	5274.8	4925.5
-17.5°	6006.6	5942.2	5916.5	5894.4	5855.8	5763.9	5672.0	5552.4	5307.9	4971.5	4671.8
-20°	5615.0	5576.3	5545.1	5515.7	5460.5	5388.8	5313.4	5175.5	4964.1	4692.0	4381.3

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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°	5205.0	5182.9	5157.2	5120.4	5083.6	5015.6	4910.8	4778.4	4612.9	4318.8	4028.3
-25°	4782.1	4739.8	4708.5	4673.6	4644.2	4581.7	4480.6	4353.7	4145.9	3892.2	3649.5
-27.5°	4283.8	4243.4	4226.8	4186.4	4160.7	4103.7	4002.5	3884.9	3697.3	3484.1	3237.7
-30°	3721.2	3728.6	3710.2	3671.6	3640.3	3566.8	3489.6	3390.3	3243.2	3039.1	2818.5
-32.5°	3200.9	3210.1	3188.1	3147.6	3107.2	3053.8	2982.1	2892.1	2781.7	2586.9	2395.6
-35°	2680.6	2676.9	2658.6	2634.7	2607.1	2562.9	2482.1	2414.0	2287.2	2151.1	2018.7
-37.5°	2213.6	2222.8	2217.3	2204.4	2173.2	2136.4	2070.2	2007.7	1913.9	1794.4	1691.5
-40°	1844.1	1855.1	1847.8	1834.9	1807.3	1785.2	1741.1	1686.0	1610.6	1507.6	1421.2
-42.5°	1560.9	1568.3	1559.1	1548.1	1524.2	1507.6	1472.7	1426.7	1364.2	1285.2	1207.9
-45°	1336.6	1338.5	1329.3	1321.9	1303.5	1283.3	1253.9	1217.1	1167.5	1112.3	1049.8
-47.5°	1160.1	1158.3	1149.1	1141.7	1127.0	1108.7	1084.7	1051.7	1013.0	970.8	921.1
-50°	1005.7	1014.9	1011.2	1003.9	992.8	980.0	956.1	921.1	882.5	851.3	816.3
-52.5°	899.1	900.9	899.1	899.1	897.2	888.0	860.4	825.5	783.2	755.6	726.2
-55°	799.8	809.0	812.6	816.3	818.2	818.2	785.1	748.3	707.8	680.3	658.2
-57.5°	718.9	724.4	728.1	737.3	744.6	750.1	720.7	687.6	656.4	630.6	610.4
-60°	649.0	656.4	661.9	671.1	676.6	680.3	661.9	639.8	621.4	604.9	575.5
-62.5°	586.5	592.0	597.5	603.0	608.6	612.2	604.9	593.9	584.7	577.3	540.5
-65°	524.0	529.5	535.0	542.4	547.9	551.6	549.7	542.4	535.0	527.7	494.6
-67.5°	467.0	472.5	479.9	481.7	485.4	487.2	483.5	478.0	468.8	459.6	433.9
-70°	406.3	410.0	413.7	413.7	413.7	411.8	408.2	400.8	391.6	378.7	358.5
-72.5°	351.2	354.8	358.5	353.0	349.3	343.8	338.3	329.1	319.9	310.7	299.7
-75°	299.7	301.5	301.5	294.2	288.7	283.1	275.8	270.3	261.1	253.7	244.5
-77.5°	239.0	239.0	239.0	233.5	229.8	226.1	220.6	215.1	207.8	202.2	194.9
-80°	185.7	185.7	185.7	183.9	178.3	174.7	171.0	167.3	161.8	158.1	154.4
-82.5°	141.6	141.6	141.6	139.7	136.1	134.2	130.5	126.9	125.0	121.3	119.5
-85°	103.0	104.8	104.8	103.0	101.1	97.4	95.6	93.8	91.9	90.1	86.4
-87.5°	69.9	69.9	69.9	68.0	66.2	66.2	64.3	60.7	57.0	55.2	53.3
-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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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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	5.5	5.5	5.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	5.5
82.5°	9.2	9.2	11.0	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9
80°	9.2	11.0	12.9	14.7	16.5	18.4	18.4	18.4	18.4	16.5	16.5
77.5°	11.0	11.0	12.9	14.7	16.5	18.4	20.2	22.1	20.2	20.2	20.2
75°	11.0	12.9	12.9	14.7	16.5	18.4	20.2	22.1	22.1	22.1	22.1
72.5°	9.2	11.0	12.9	14.7	14.7	16.5	18.4	18.4	20.2	20.2	22.1
70°	9.2	11.0	12.9	12.9	14.7	14.7	16.5	18.4	18.4	20.2	20.2
67.5°	11.0	12.9	12.9	14.7	16.5	16.5	16.5	18.4	18.4	20.2	20.2
65°	12.9	14.7	14.7	16.5	18.4	18.4	20.2	20.2	20.2	22.1	22.1
62.5°	22.1	22.1	22.1	20.2	22.1	22.1	22.1	23.9	23.9	22.1	23.9
60°	114.0	82.7	57.0	71.7	64.3	29.4	29.4	29.4	27.6	27.6	25.7
57.5°	268.4	250.0	215.1	182.0	163.6	145.2	90.1	36.8	36.8	33.1	29.4
55°	448.6	387.9	362.2	318.1	270.3	248.2	205.9	139.7	66.2	44.1	38.6
52.5°	695.0	638.0	571.8	481.7	417.4	365.9	330.9	262.9	176.5	93.8	58.8
50°	930.3	904.6	864.1	775.9	641.7	555.2	498.2	421.0	316.2	193.0	110.3
47.5°	1498.4	1283.3	1152.8	1084.7	972.6	809.0	698.7	612.2	485.4	325.4	194.9
45°	1886.4	1750.3	1542.5	1399.1	1233.7	1060.8	917.4	818.2	667.4	487.2	305.2
42.5°	2219.1	2101.5	1913.9	1704.3	1529.7	1303.5	1119.7	989.1	862.3	665.6	456.0
40°	2647.5	2507.8	2327.6	2123.5	1919.5	1630.8	1333.0	1174.8	1035.1	860.4	615.9
37.5°	3353.5	3107.2	2813.0	2586.9	2320.3	2075.7	1667.6	1388.1	1222.6	1040.6	803.4
35°	4202.9	3932.7	3441.8	3142.1	2785.4	2421.4	2053.7	1640.0	1404.7	1211.6	976.3
32.5°	4993.5	4598.2	3969.4	3618.3	3381.1	2710.0	2329.5	1970.9	1592.2	1355.0	1075.6
30°	5212.3	4776.6	4326.1	3916.1	3511.6	2969.3	2518.8	2239.4	1827.5	1441.4	1169.3
27.5°	4991.7	4692.0	4342.7	3962.1	3524.5	3059.4	2634.7	2368.1	2000.4	1500.3	1242.9
25°	4767.4	4454.8	4210.3	3892.2	3487.7	3053.8	2638.3	2449.0	2134.6	1614.3	1283.3
22.5°	4530.2	4335.3	4133.1	3778.2	3395.8	3070.4	2757.8	2518.8	2204.4	1743.0	1299.9
20°	4543.1	4416.2	4193.8	3719.4	3379.3	3167.8	2901.2	2607.1	2279.8	1855.1	1312.7
17.5°	4749.0	4583.5	4304.1	3892.2	3528.2	3267.1	3020.8	2728.4	2357.0	1954.4	1469.0
15°	5002.7	4750.8	4458.5	4096.3	3684.5	3375.6	3112.7	2813.0	2445.3	2046.3	1608.7
12.5°	5186.6	4828.1	4554.1	4226.8	3853.6	3493.3	3173.4	2877.3	2528.0	2121.7	1713.5
10°	5249.1	4923.7	4600.1	4307.7	3940.0	3555.8	3219.3	2917.8	2599.7	2180.5	1790.8
7.5°	5282.2	5006.4	4631.3	4344.5	3991.5	3594.4	3256.1	2939.9	2656.7	2221.0	1840.4
5°	5278.5	5050.5	4655.2	4355.5	4019.1	3610.9	3281.8	2945.4	2697.2	2255.9	1869.8
2.5°	5262.0	5079.9	4693.8	4373.9	4074.2	3642.2	3331.5	2956.4	2711.9	2294.5	1890.0
0°	5322.6	5081.8	4734.3	4379.4	4111.0	3653.2	3353.5	2947.2	2691.6	2305.6	1888.2
-2.5°	5192.1	4973.3	4725.1	4331.6	4061.4	3627.5	3313.1	2917.8	2647.5	2292.7	1880.8
-5°	5170.0	4894.2	4647.9	4287.5	3978.6	3574.2	3237.7	2862.6	2577.7	2250.4	1851.4
-7.5°	5111.2	4818.9	4572.5	4252.6	3901.4	3519.0	3166.0	2805.6	2502.3	2184.2	1809.1
-10°	4982.5	4703.0	4491.6	4177.2	3807.7	3439.9	3079.6	2730.3	2414.0	2094.1	1743.0
-12.5°	4798.6	4519.2	4309.6	4017.2	3690.0	3333.3	2976.6	2632.8	2312.9	1998.5	1663.9
-15°	4590.9	4307.7	4098.1	3831.6	3515.3	3167.8	2846.1	2509.6	2197.1	1897.4	1570.1
-17.5°	4355.5	4087.1	3884.9	3625.6	3311.2	2980.3	2660.4	2355.2	2062.9	1792.6	1461.7
-20°	4083.4	3822.4	3636.7	3377.4	3088.8	2767.0	2456.3	2167.7	1904.7	1651.0	1342.1

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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°	3747.0	3517.2	3305.7	3074.1	2822.2	2528.0	2239.4	1983.8	1731.9	1483.7	1219.0
-25°	3403.2	3180.7	2974.8	2763.4	2522.5	2268.8	2022.4	1790.8	1544.4	1320.1	1099.5
-27.5°	3020.8	2822.2	2638.3	2443.4	2222.8	2004.0	1801.8	1575.6	1362.4	1171.2	981.8
-30°	2612.6	2450.8	2290.8	2118.0	1939.7	1755.8	1575.6	1362.4	1195.1	1042.5	882.5
-32.5°	2221.0	2075.7	1947.0	1818.3	1663.9	1513.1	1353.2	1195.1	1055.3	921.1	786.9
-35°	1877.2	1722.7	1651.0	1548.1	1424.9	1288.8	1158.3	1048.0	935.8	814.5	695.0
-37.5°	1579.3	1480.0	1395.5	1318.2	1220.8	1103.1	1009.4	919.3	825.5	715.2	612.2
-40°	1345.8	1274.1	1189.5	1132.6	1053.5	968.9	875.2	799.8	720.7	630.6	546.1
-42.5°	1158.3	1099.5	1044.3	983.6	924.8	853.1	772.2	700.5	628.8	562.6	492.7
-45°	1003.9	961.6	917.4	867.8	816.3	753.8	687.6	614.1	562.6	503.8	444.9
-47.5°	877.0	845.7	809.0	770.4	726.2	671.1	610.4	557.1	503.8	454.1	397.1
-50°	775.9	746.5	717.0	683.9	645.3	597.5	551.6	501.9	452.3	404.5	351.2
-52.5°	691.3	665.6	641.7	614.1	577.3	536.9	494.6	450.4	404.5	356.7	314.4
-55°	632.5	603.0	579.1	551.6	518.5	479.9	441.3	400.8	356.7	319.9	285.0
-57.5°	584.7	551.6	524.0	494.6	461.5	428.4	393.5	356.7	323.6	288.7	255.6
-60°	544.2	505.6	474.3	444.9	413.7	382.4	353.0	321.7	290.5	259.2	226.1
-62.5°	501.9	461.5	422.9	395.3	371.4	343.8	318.1	288.7	261.1	229.8	205.9
-65°	454.1	415.5	378.7	354.8	332.8	308.9	285.0	259.2	235.3	211.4	189.4
-67.5°	400.8	367.7	342.0	319.9	297.8	277.6	255.6	233.5	213.3	189.4	167.3
-70°	336.5	318.1	303.4	286.8	266.6	248.2	228.0	207.8	185.7	165.5	145.2
-72.5°	286.8	275.8	264.8	248.2	229.8	213.3	196.7	178.3	160.0	141.6	125.0
-75°	235.3	226.1	216.9	205.9	191.2	178.3	163.6	147.1	132.4	119.5	106.6
-77.5°	189.4	182.0	176.5	167.3	156.3	145.2	136.1	125.0	114.0	101.1	88.3
-80°	150.8	147.1	145.2	141.6	132.4	123.2	115.8	106.6	95.6	86.4	77.2
-82.5°	117.7	117.7	115.8	114.0	106.6	99.3	93.8	86.4	79.1	71.7	62.5
-85°	86.4	84.6	84.6	82.7	77.2	73.5	68.0	64.3	58.8	51.5	47.8
-87.5°	51.5	49.6	47.8	46.0	42.3	40.4	36.8	34.9	31.3	27.6	25.7
-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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CATALOG NUMBER: IFLD-S-SA2C-830-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
85°	5.5	3.7	3.7	3.7	3.7	3.7	1.8	1.8	1.8	1.8	1.8
82.5°	11.0	11.0	9.2	9.2	7.4	5.5	3.7	3.7	3.7	1.8	1.8
80°	16.5	16.5	16.5	14.7	12.9	9.2	7.4	5.5	3.7	1.8	1.8
77.5°	20.2	18.4	18.4	16.5	16.5	14.7	11.0	9.2	5.5	3.7	1.8
75°	20.2	20.2	20.2	18.4	18.4	16.5	14.7	11.0	9.2	5.5	3.7
72.5°	22.1	20.2	20.2	20.2	18.4	16.5	14.7	12.9	11.0	7.4	3.7
70°	20.2	20.2	20.2	20.2	18.4	18.4	14.7	12.9	12.9	7.4	5.5
67.5°	20.2	20.2	20.2	18.4	18.4	16.5	14.7	12.9	12.9	9.2	5.5
65°	22.1	20.2	20.2	20.2	18.4	16.5	14.7	12.9	12.9	11.0	7.4
62.5°	23.9	22.1	22.1	20.2	18.4	16.5	14.7	12.9	12.9	11.0	7.4
60°	25.7	23.9	22.1	22.1	20.2	18.4	14.7	14.7	12.9	11.0	7.4
57.5°	27.6	25.7	25.7	23.9	22.1	20.2	16.5	14.7	12.9	11.0	9.2
55°	33.1	29.4	27.6	27.6	25.7	22.1	18.4	14.7	12.9	11.0	9.2
52.5°	44.1	34.9	31.3	31.3	29.4	25.7	20.2	16.5	12.9	11.0	9.2
50°	69.9	44.1	36.8	33.1	33.1	29.4	23.9	18.4	12.9	11.0	9.2
47.5°	110.3	73.5	44.1	38.6	36.8	34.9	27.6	18.4	14.7	11.0	9.2
45°	182.0	108.5	71.7	46.0	38.6	36.8	31.3	20.2	14.7	12.9	9.2
42.5°	250.0	169.1	110.3	55.2	46.0	40.4	33.1	22.1	16.5	12.9	9.2
40°	393.5	231.7	154.4	90.1	53.3	42.3	36.8	25.7	16.5	12.9	9.2
37.5°	533.2	307.0	207.8	132.4	60.7	47.8	38.6	27.6	18.4	12.9	11.0
35°	672.9	430.2	257.4	176.5	80.9	57.0	40.4	29.4	18.4	12.9	11.0
32.5°	797.9	546.1	308.9	220.6	121.3	68.0	44.1	31.3	20.2	14.7	11.0
30°	900.9	652.7	400.8	259.2	158.1	82.7	47.8	31.3	22.1	14.7	11.0
27.5°	978.1	735.4	494.6	299.7	189.4	97.4	55.2	34.9	22.1	14.7	11.0
25°	1040.6	799.8	577.3	342.0	216.9	121.3	66.2	36.8	23.9	16.5	11.0
22.5°	1090.3	853.1	645.3	399.0	250.0	145.2	80.9	40.4	23.9	16.5	11.0
20°	1158.3	906.4	691.3	459.6	285.0	167.3	93.8	44.1	23.9	16.5	12.9
17.5°	1217.1	959.7	728.1	511.1	319.9	183.9	108.5	47.8	25.7	16.5	12.9
15°	1285.2	1011.2	761.2	551.6	353.0	198.6	121.3	51.5	25.7	18.4	12.9
12.5°	1358.7	1059.0	785.1	584.7	387.9	211.4	132.4	58.8	27.6	18.4	12.9
10°	1434.1	1099.5	805.3	608.6	413.7	224.3	139.7	66.2	29.4	18.4	12.9
7.5°	1509.5	1136.2	831.0	619.6	424.7	239.0	143.4	73.5	29.4	20.2	12.9
5°	1560.9	1160.1	867.8	626.9	430.2	255.6	148.9	82.7	31.3	20.2	12.9
2.5°	1605.1	1174.8	906.4	632.5	432.1	264.8	147.1	88.3	33.1	20.2	12.9
0°	1625.3	1174.8	932.1	628.8	426.5	273.9	147.1	93.8	33.1	20.2	12.9
-2.5°	1594.0	1207.9	924.8	630.6	428.4	273.9	154.4	95.6	36.8	22.1	12.9
-5°	1544.4	1220.8	902.7	621.4	424.7	273.9	163.6	97.4	38.6	22.1	14.7
-7.5°	1496.6	1226.3	877.0	612.2	419.2	266.6	165.5	95.6	42.3	23.9	14.7
-10°	1434.1	1165.6	843.9	595.7	408.2	261.1	169.1	95.6	44.1	23.9	14.7
-12.5°	1362.4	1092.1	803.4	571.8	395.3	255.6	171.0	95.6	46.0	25.7	14.7
-15°	1279.6	1016.7	757.5	546.1	376.9	248.2	167.3	93.8	47.8	25.7	16.5
-17.5°	1185.9	943.2	709.7	514.8	356.7	239.0	160.0	91.9	47.8	25.7	16.5
-20°	1079.2	869.6	656.4	483.5	332.8	228.0	152.6	88.3	47.8	25.7	16.5

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CATALOG NUMBER: IFLD-S-SA2C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	983.6	801.6	601.2	448.6	307.0	215.1	143.4	84.6	47.8	27.6	16.5
-25°	904.6	735.4	558.9	413.7	279.5	200.4	134.2	80.9	47.8	27.6	16.5
-27.5°	821.8	663.7	514.8	380.6	261.1	187.5	125.0	77.2	46.0	27.6	16.5
-30°	737.3	593.9	468.8	343.8	242.7	174.7	117.7	71.7	46.0	27.6	16.5
-32.5°	660.0	536.9	426.5	307.0	222.5	161.8	110.3	69.9	44.1	27.6	16.5
-35°	584.7	485.4	382.4	277.6	200.4	148.9	103.0	68.0	44.1	27.6	16.5
-37.5°	522.2	437.6	342.0	257.4	187.5	137.9	95.6	64.3	42.3	27.6	16.5
-40°	470.7	393.5	303.4	235.3	176.5	126.9	88.3	62.5	42.3	27.6	16.5
-42.5°	422.9	351.2	279.5	216.9	165.5	119.5	82.7	60.7	40.4	27.6	16.5
-45°	380.6	314.4	255.6	200.4	152.6	110.3	79.1	57.0	38.6	27.6	18.4
-47.5°	338.3	288.7	233.5	185.7	139.7	99.3	75.4	55.2	36.8	25.7	18.4
-50°	305.2	261.1	215.1	169.1	126.9	95.6	71.7	51.5	36.8	25.7	18.4
-52.5°	275.8	235.3	194.9	152.6	115.8	90.1	68.0	47.8	34.9	25.7	18.4
-55°	248.2	211.4	174.7	136.1	108.5	84.6	62.5	44.1	34.9	25.7	18.4
-57.5°	220.6	189.4	154.4	123.2	99.3	79.1	58.8	44.1	34.9	25.7	18.4
-60°	198.6	169.1	139.7	114.0	91.9	71.7	53.3	42.3	33.1	25.7	18.4
-62.5°	180.2	152.6	126.9	103.0	84.6	64.3	51.5	42.3	33.1	25.7	16.5
-65°	161.8	137.9	114.0	93.8	75.4	60.7	49.6	40.4	33.1	25.7	16.5
-67.5°	143.4	121.3	103.0	82.7	69.9	58.8	47.8	40.4	31.3	23.9	16.5
-70°	125.0	106.6	90.1	77.2	66.2	55.2	46.0	38.6	31.3	22.1	14.7
-72.5°	110.3	93.8	80.9	71.7	62.5	53.3	44.1	36.8	29.4	20.2	12.9
-75°	93.8	82.7	73.5	64.3	57.0	49.6	42.3	33.1	25.7	18.4	12.9
-77.5°	79.1	71.7	64.3	58.8	51.5	44.1	36.8	29.4	23.9	16.5	11.0
-80°	68.0	62.5	57.0	51.5	46.0	38.6	33.1	25.7	20.2	14.7	9.2
-82.5°	55.2	51.5	46.0	42.3	38.6	33.1	27.6	22.1	14.7	11.0	7.4
-85°	42.3	38.6	36.8	33.1	29.4	23.9	18.4	14.7	11.0	7.4	3.7
-87.5°	22.1	20.2	18.4	16.5	14.7	11.0	9.2	7.4	5.5	3.7	1.8
-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-S-SA2C-830-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°	1.8	0.0	0.0	0.0
77.5°	1.8	0.0	0.0	0.0
75°	1.8	1.8	0.0	0.0
72.5°	1.8	1.8	0.0	0.0
70°	1.8	1.8	0.0	0.0
67.5°	3.7	1.8	0.0	0.0
65°	3.7	1.8	0.0	0.0
62.5°	3.7	1.8	0.0	0.0
60°	3.7	1.8	0.0	0.0
57.5°	5.5	1.8	1.8	0.0
55°	5.5	1.8	1.8	0.0
52.5°	5.5	1.8	1.8	0.0
50°	5.5	3.7	1.8	0.0
47.5°	5.5	3.7	1.8	0.0
45°	5.5	3.7	1.8	0.0
42.5°	5.5	3.7	1.8	0.0
40°	7.4	3.7	1.8	0.0
37.5°	7.4	3.7	1.8	0.0
35°	7.4	3.7	1.8	0.0
32.5°	7.4	3.7	1.8	0.0
30°	7.4	3.7	1.8	0.0
27.5°	7.4	5.5	1.8	0.0
25°	7.4	5.5	1.8	0.0
22.5°	9.2	5.5	1.8	0.0
20°	9.2	5.5	1.8	0.0
17.5°	9.2	5.5	1.8	0.0
15°	9.2	5.5	1.8	0.0
12.5°	9.2	5.5	1.8	0.0
10°	9.2	5.5	1.8	0.0
7.5°	9.2	5.5	1.8	0.0
5°	9.2	5.5	1.8	0.0
2.5°	9.2	5.5	1.8	0.0
0°	9.2	5.5	1.8	0.0
-2.5°	9.2	5.5	1.8	0.0
-5°	9.2	5.5	1.8	0.0
-7.5°	9.2	5.5	1.8	0.0
-10°	9.2	5.5	1.8	0.0
-12.5°	11.0	5.5	1.8	0.0
-15°	11.0	5.5	1.8	0.0
-17.5°	11.0	5.5	1.8	0.0
-20°	11.0	5.5	1.8	0.0



REPORT NUMBER: P722599

CATALOG NUMBER: IFLD-S-SA2C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.0	5.5	1.8	0.0
-25°	11.0	5.5	1.8	0.0
-27.5°	11.0	5.5	1.8	0.0
-30°	11.0	5.5	1.8	0.0
-32.5°	11.0	5.5	1.8	0.0
-35°	11.0	5.5	1.8	0.0
-37.5°	11.0	5.5	1.8	0.0
-40°	11.0	5.5	1.8	0.0
-42.5°	9.2	5.5	1.8	0.0
-45°	11.0	5.5	1.8	0.0
-47.5°	11.0	5.5	1.8	0.0
-50°	11.0	5.5	1.8	0.0
-52.5°	11.0	5.5	1.8	0.0
-55°	11.0	5.5	1.8	0.0
-57.5°	11.0	5.5	1.8	0.0
-60°	11.0	5.5	1.8	0.0
-62.5°	9.2	5.5	1.8	0.0
-65°	9.2	3.7	1.8	0.0
-67.5°	9.2	3.7	1.8	0.0
-70°	9.2	3.7	1.8	0.0
-72.5°	7.4	3.7	1.8	0.0
-75°	7.4	3.7	1.8	0.0
-77.5°	5.5	1.8	0.0	0.0
-80°	5.5	1.8	0.0	0.0
-82.5°	3.7	1.8	0.0	0.0
-85°	1.8	1.8	0.0	0.0
-87.5°	1.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)