

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: P722574

Luminaire Tested: **IFLD-S-SA3B-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722574
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

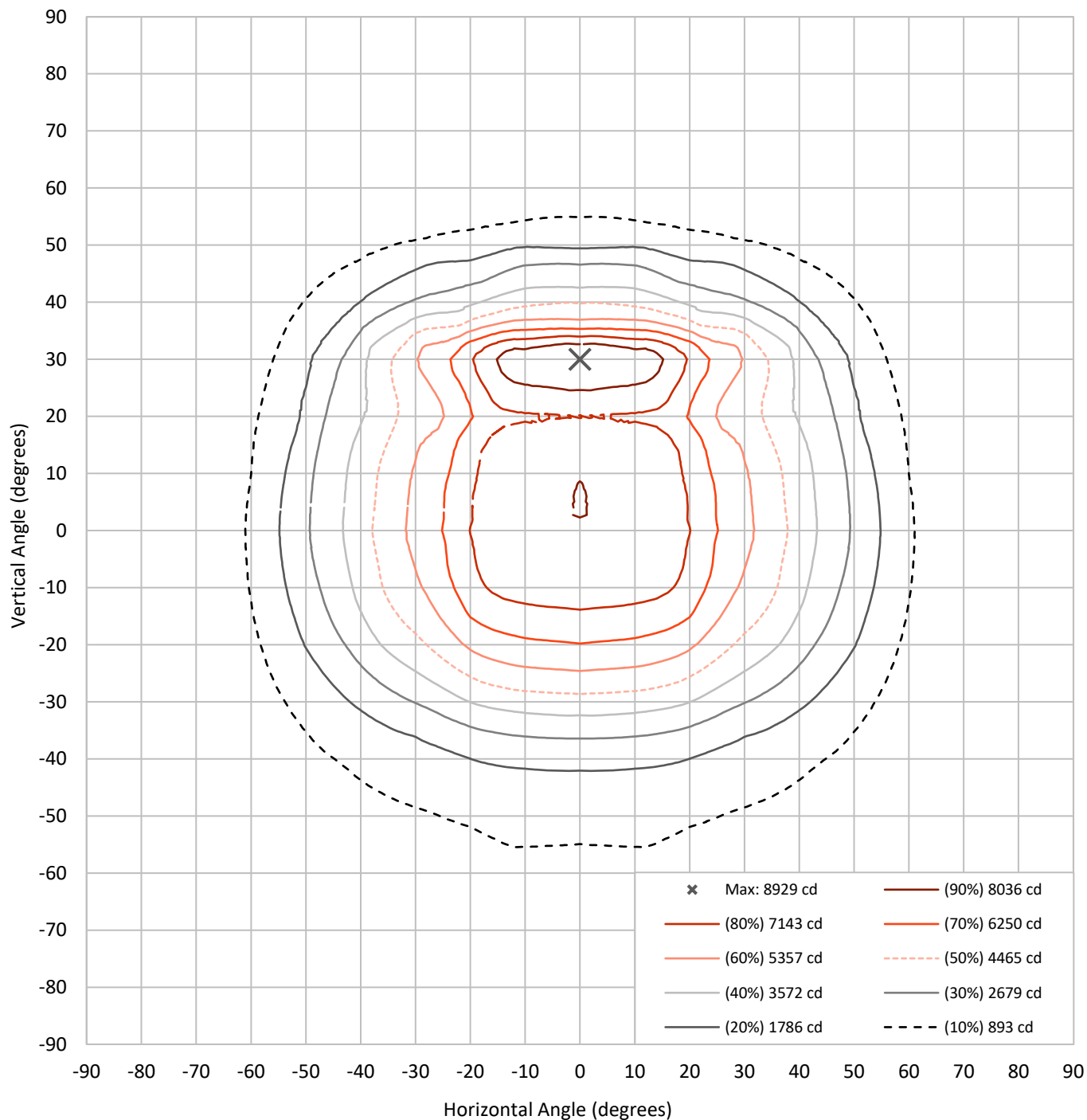
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12790.2 lumens	Max Intensity:	8929 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8159.6 lumens	Field Lumens:	12058.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	122.4		
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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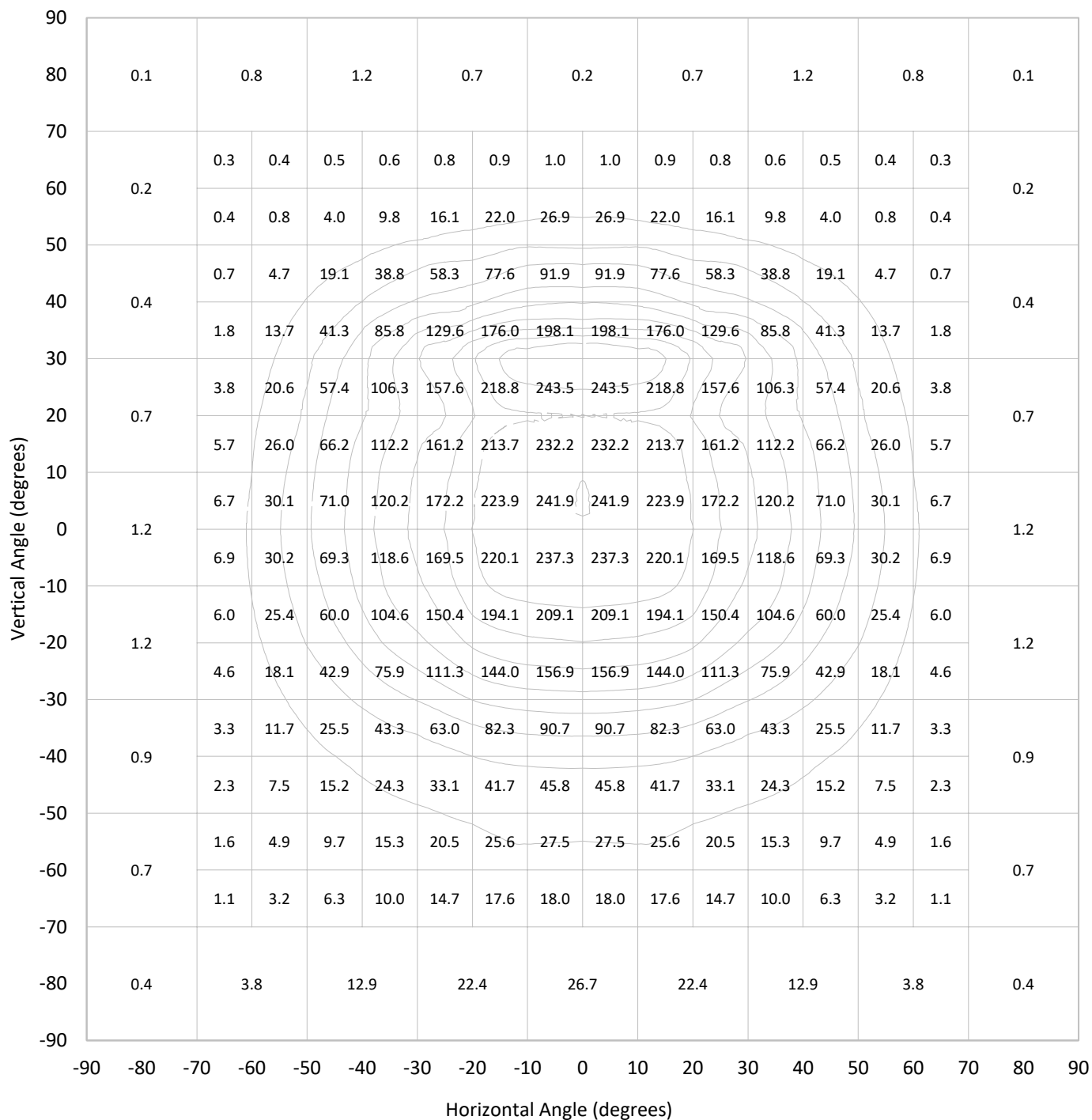
Iso-Candela Plot



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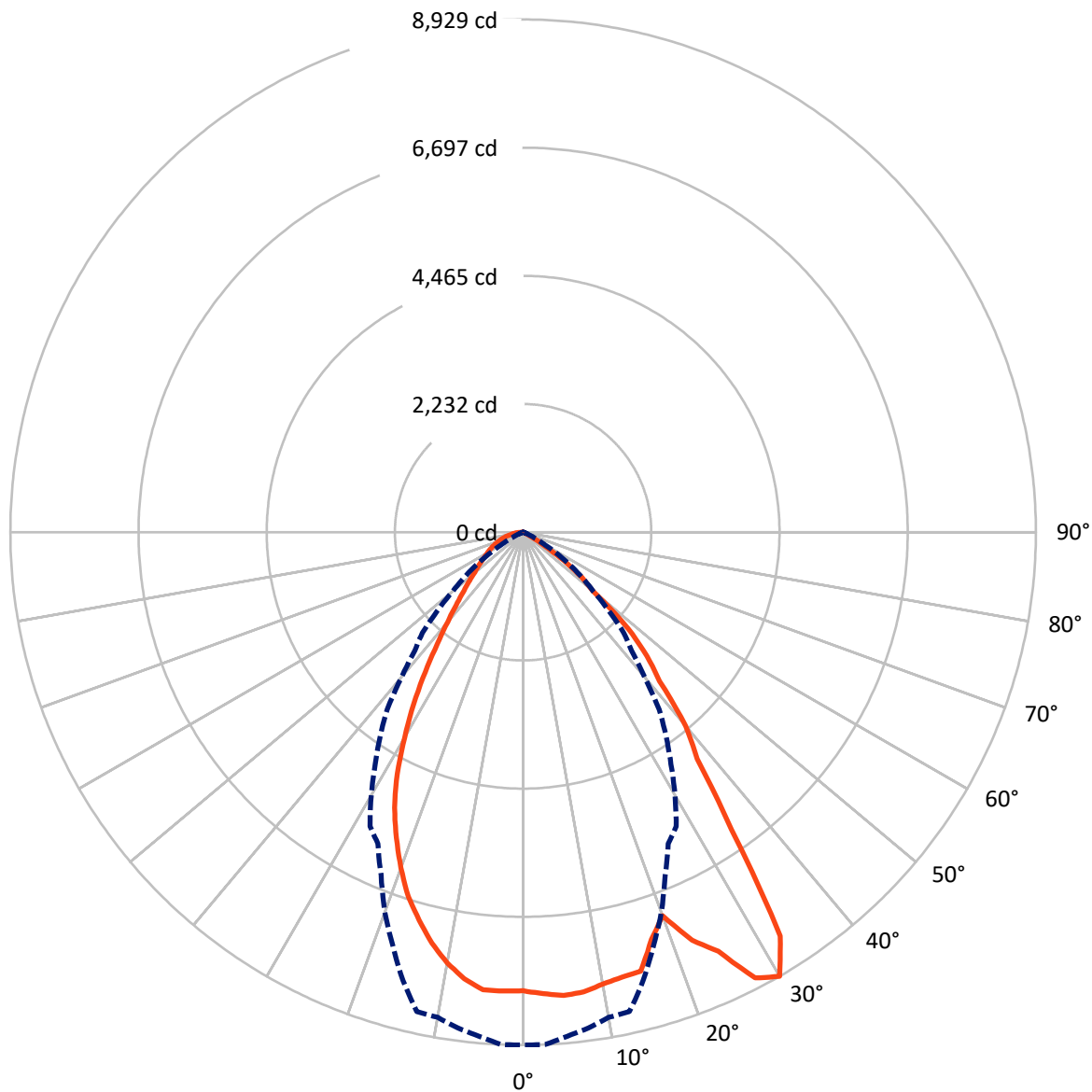
Lumen Table



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Luminous Intensity Polar Plot



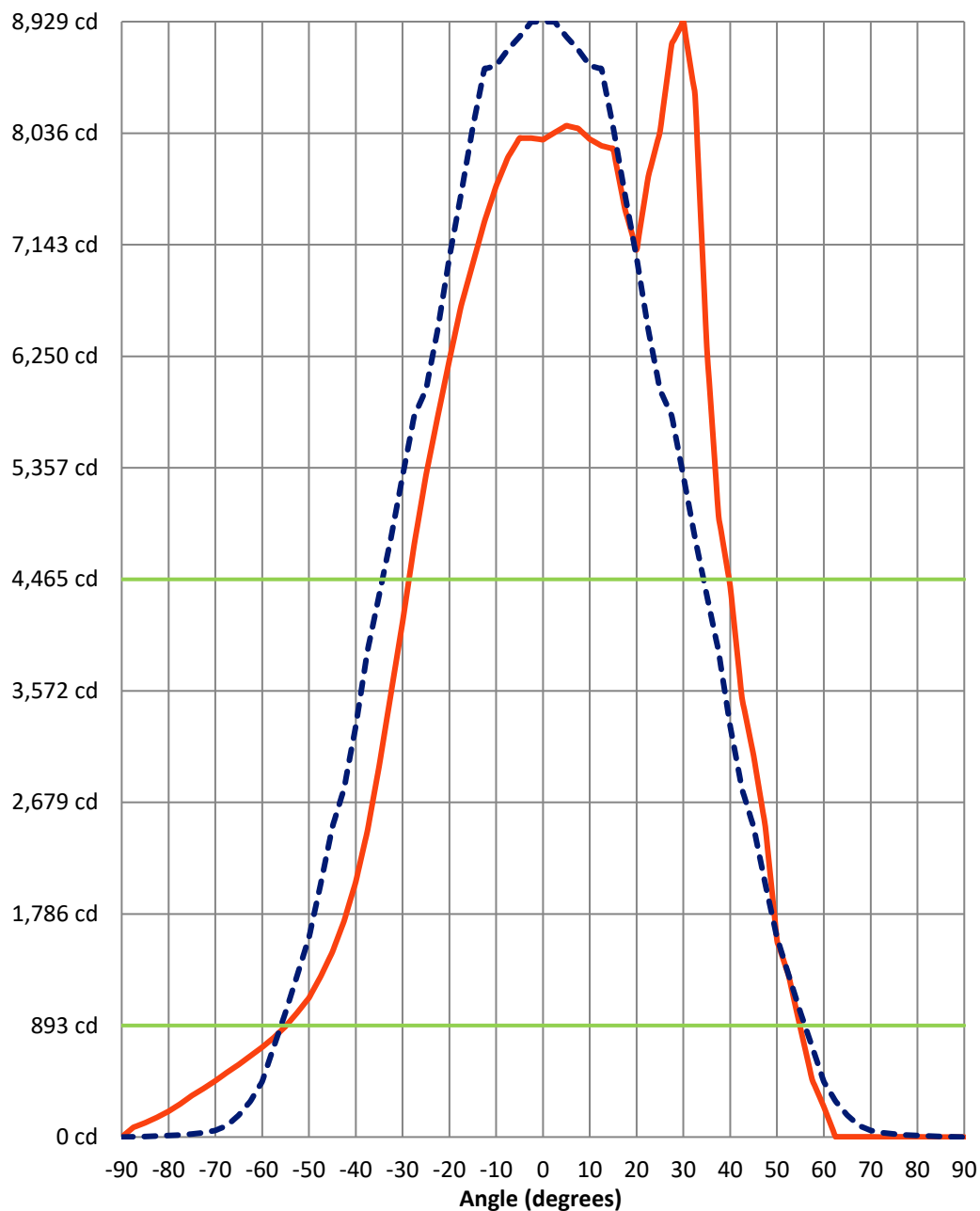
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8159.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12058.3

Efficiency: 94.3%

Spill:

Lumens: 731.9

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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	2.0	2.0	2.0	4.1	4.1	4.1	4.1	4.1	4.1	6.1
82.5°	0.0	2.0	2.0	2.0	4.1	4.1	4.1	4.1	6.1	6.1	8.1
80°	2.0	2.0	2.0	2.0	4.1	4.1	4.1	6.1	6.1	8.1	8.1
77.5°	2.0	2.0	2.0	4.1	4.1	4.1	6.1	6.1	8.1	8.1	10.2
75°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.1	8.1	10.2
72.5°	0.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.1	8.1	8.1
70°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.1	8.1	8.1
67.5°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	8.1	8.1	8.1	10.2
65°	2.0	2.0	2.0	4.1	6.1	6.1	8.1	10.2	10.2	12.2	14.3
62.5°	2.0	4.1	4.1	6.1	8.1	10.2	22.4	34.6	34.6	24.4	20.4
60°	242.3	262.7	260.6	236.2	205.7	173.1	167.0	160.9	148.6	130.3	136.4
57.5°	460.2	484.6	494.8	488.7	472.4	443.9	427.6	409.3	384.9	356.3	323.8
55°	871.5	881.7	859.3	816.5	769.7	722.9	706.6	682.1	645.5	608.8	560.0
52.5°	1288.9	1323.6	1313.4	1270.6	1207.5	1124.0	1032.4	961.1	918.3	877.6	828.8
50°	1574.0	1588.3	1616.8	1667.7	1686.0	1629.0	1480.4	1288.9	1152.5	1221.8	1168.8
47.5°	2484.2	2555.5	2541.2	2504.6	2443.5	2288.7	2081.0	1910.0	1767.5	1720.6	1728.8
45°	3052.3	3080.8	3070.7	3054.4	3025.9	2881.3	2651.2	2388.5	2256.2	2203.2	2148.2
42.5°	3518.6	3549.2	3555.3	3557.3	3526.8	3394.4	3186.7	2924.1	2791.7	2639.0	2518.8
40°	4408.5	4453.3	4402.4	4335.2	4233.4	4082.7	3879.1	3636.7	3402.6	3215.2	3072.7
37.5°	4976.6	5031.6	5051.9	5047.9	5025.5	4960.3	4709.8	4479.8	4121.4	3701.9	3777.2
35°	6324.6	6381.6	6365.3	6304.2	6271.7	6202.4	5958.1	5685.2	5235.2	4779.1	4656.9
32.5°	8334.4	8458.6	8226.5	7971.9	7815.1	7870.1	7621.7	6953.8	6746.1	5923.5	5542.7
30°	8929.0	8926.9	8808.8	8705.0	8576.7	8550.2	8081.9	7548.4	7039.3	6463.1	5982.5
27.5°	8747.7	8711.1	8611.3	8536.0	8415.8	8352.7	7894.5	7471.0	6882.5	6367.4	5903.1
25°	8049.3	8077.8	7976.0	7961.7	7914.9	7792.7	7564.7	7088.2	6562.8	5992.7	5658.7
22.5°	7688.9	7678.7	7556.5	7485.3	7542.3	7412.0	7320.3	6839.8	6292.0	5811.5	5410.3
20°	7102.4	7104.5	7073.9	7067.8	7033.2	6974.2	6900.9	6560.8	6173.9	5762.6	5280.0
17.5°	7430.3	7513.8	7550.4	7247.0	7332.5	7265.3	7188.0	6713.5	6422.3	6057.8	5428.6
15°	7910.8	7880.3	7843.6	7827.3	7780.5	7717.4	7576.9	7198.1	6697.2	6320.5	5829.8
12.5°	7935.3	7876.2	7862.0	7859.9	7811.1	7723.5	7587.1	7273.5	6829.6	6371.4	5972.3
10°	7988.2	7927.1	7919.0	7929.2	7853.8	7798.8	7662.4	7371.2	6870.3	6459.0	6082.3
7.5°	8073.7	7971.9	8018.8	7988.2	7953.6	7866.0	7719.4	7434.3	7019.0	6575.1	6180.0
5°	8096.1	7984.1	8035.0	8006.5	7955.6	7870.1	7711.3	7475.1	7110.6	6621.9	6218.7
2.5°	8041.2	8008.6	7986.2	7933.2	7910.8	7817.2	7666.5	7414.0	7067.8	6601.5	6210.6
0°	7984.1	8012.6	7961.7	7908.8	7898.6	7823.3	7695.0	7466.9	7167.6	6658.5	6279.8
-2.5°	7996.4	7974.0	7939.3	7884.4	7831.4	7723.5	7607.4	7393.6	7071.9	6534.3	6182.1
-5°	7996.4	7892.5	7896.6	7898.6	7845.7	7733.7	7593.2	7412.0	7014.9	6532.3	6153.5
-7.5°	7841.6	7752.0	7737.8	7725.5	7711.3	7607.4	7497.5	7271.4	6919.2	6479.3	6074.1
-10°	7613.5	7526.0	7534.1	7515.8	7471.0	7401.8	7318.3	7114.7	6825.5	6312.4	5913.3
-12.5°	7328.5	7289.8	7267.4	7236.8	7192.0	7130.9	7045.4	6854.0	6544.5	6106.7	5728.0
-15°	6990.4	6961.9	6941.6	6923.3	6858.1	6795.0	6683.0	6505.8	6312.4	5842.0	5455.1
-17.5°	6652.4	6581.2	6552.7	6528.2	6485.5	6383.6	6281.8	6149.5	5878.7	5506.0	5174.1
-20°	6218.7	6175.9	6141.3	6108.8	6047.7	5968.2	5884.8	5732.0	5497.9	5196.5	4852.4

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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°	5764.6	5740.2	5711.7	5671.0	5630.2	5554.9	5438.8	5292.2	5109.0	4783.2	4461.4
-25°	5296.3	5249.5	5214.8	5176.1	5143.6	5074.3	4962.3	4821.8	4591.7	4310.7	4042.0
-27.5°	4744.5	4699.7	4681.3	4636.5	4608.0	4544.9	4432.9	4302.6	4094.9	3858.7	3585.8
-30°	4121.4	4129.5	4109.2	4066.4	4031.8	3950.3	3864.8	3754.8	3591.9	3365.9	3121.6
-32.5°	3545.1	3555.3	3530.9	3486.1	3441.3	3382.2	3302.8	3203.0	3080.8	2865.0	2653.2
-35°	2968.9	2964.8	2944.4	2917.9	2887.4	2838.5	2748.9	2673.6	2533.1	2382.4	2235.8
-37.5°	2451.6	2461.8	2455.7	2441.5	2406.8	2366.1	2292.8	2223.6	2119.7	1987.4	1873.4
-40°	2042.4	2054.6	2046.4	2032.2	2001.6	1977.2	1928.3	1867.2	1783.8	1669.7	1574.0
-42.5°	1728.8	1736.9	1726.7	1714.5	1688.1	1669.7	1631.0	1580.1	1510.9	1423.3	1337.8
-45°	1480.4	1482.4	1472.2	1464.1	1443.7	1421.3	1388.7	1348.0	1293.0	1231.9	1162.7
-47.5°	1284.9	1282.8	1272.7	1264.5	1248.2	1227.9	1201.4	1164.7	1122.0	1075.1	1020.2
-50°	1113.8	1124.0	1119.9	1111.8	1099.6	1085.3	1058.9	1020.2	977.4	942.8	904.1
-52.5°	995.7	997.8	995.7	995.7	993.7	983.5	953.0	914.3	867.4	836.9	804.3
-55°	885.8	896.0	900.0	904.1	906.1	906.1	869.5	828.8	784.0	753.4	729.0
-57.5°	796.2	802.3	806.4	816.5	824.7	830.8	798.2	761.6	726.9	698.4	676.0
-60°	718.8	726.9	733.1	743.2	749.3	753.4	733.1	708.6	688.3	669.9	637.3
-62.5°	649.6	655.7	661.8	667.9	674.0	678.1	669.9	657.7	647.5	639.4	598.7
-65°	580.3	586.4	592.5	600.7	606.8	610.9	608.8	600.7	592.5	584.4	547.8
-67.5°	517.2	523.3	531.5	533.5	537.6	539.6	535.5	529.4	519.2	509.1	480.6
-70°	450.0	454.1	458.2	458.2	458.2	456.1	452.0	443.9	433.7	419.5	397.1
-72.5°	388.9	393.0	397.1	391.0	386.9	380.8	374.7	364.5	354.3	344.1	331.9
-75°	331.9	333.9	333.9	325.8	319.7	313.6	305.4	299.3	289.1	281.0	270.8
-77.5°	264.7	264.7	264.7	258.6	254.5	250.5	244.4	238.2	230.1	224.0	215.8
-80°	205.7	205.7	205.7	203.6	197.5	193.4	189.4	185.3	179.2	175.1	171.0
-82.5°	156.8	156.8	156.8	154.8	150.7	148.6	144.6	140.5	138.5	134.4	132.4
-85°	114.0	116.1	116.1	114.0	112.0	107.9	105.9	103.8	101.8	99.8	95.7
-87.5°	77.4	77.4	77.4	75.3	73.3	73.3	71.3	67.2	63.1	61.1	59.1
-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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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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.1	6.1	6.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	6.1
82.5°	10.2	10.2	12.2	12.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3
80°	10.2	12.2	14.3	16.3	18.3	20.4	20.4	20.4	20.4	18.3	18.3
77.5°	12.2	12.2	14.3	16.3	18.3	20.4	22.4	24.4	22.4	22.4	22.4
75°	12.2	14.3	14.3	16.3	18.3	20.4	22.4	24.4	24.4	24.4	24.4
72.5°	10.2	12.2	14.3	16.3	16.3	18.3	20.4	20.4	22.4	22.4	24.4
70°	10.2	12.2	14.3	14.3	16.3	16.3	18.3	20.4	20.4	22.4	22.4
67.5°	12.2	14.3	14.3	16.3	18.3	18.3	18.3	20.4	20.4	22.4	22.4
65°	14.3	16.3	16.3	18.3	20.4	20.4	22.4	22.4	22.4	24.4	24.4
62.5°	24.4	24.4	24.4	22.4	24.4	24.4	24.4	26.5	26.5	24.4	26.5
60°	126.2	91.6	63.1	79.4	71.3	32.6	32.6	32.6	30.5	30.5	28.5
57.5°	297.3	276.9	238.2	201.6	181.2	160.9	99.8	40.7	40.7	36.7	32.6
55°	496.8	429.6	401.1	352.3	299.3	274.9	228.1	154.8	73.3	48.9	42.8
52.5°	769.7	706.6	633.3	533.5	462.2	405.2	366.5	291.2	195.5	103.8	65.2
50°	1030.3	1001.8	957.0	859.3	710.7	614.9	551.8	466.3	350.2	213.8	122.2
47.5°	1659.5	1421.3	1276.7	1201.4	1077.2	896.0	773.8	678.1	537.6	360.4	215.8
45°	2089.2	1938.5	1708.4	1549.6	1366.3	1174.9	1016.1	906.1	739.2	539.6	338.0
42.5°	2457.8	2327.4	2119.7	1887.6	1694.2	1443.7	1240.1	1095.5	955.0	737.1	505.0
40°	2932.2	2777.4	2577.9	2351.9	2125.8	1806.2	1476.3	1301.2	1146.4	953.0	682.1
37.5°	3714.1	3441.3	3115.5	2865.0	2569.7	2298.9	1846.9	1537.4	1354.1	1152.5	889.8
35°	4654.9	4355.5	3811.9	3480.0	3084.9	2681.7	2274.5	1816.3	1555.7	1341.9	1081.2
32.5°	5530.5	5092.7	4396.3	4007.3	3744.7	3001.4	2579.9	2182.9	1763.4	1500.7	1191.2
30°	5772.8	5290.2	4791.3	4337.2	3889.2	3288.5	2789.7	2480.2	2024.0	1596.4	1295.1
27.5°	5528.4	5196.5	4809.6	4388.1	3903.5	3388.3	2917.9	2622.7	2215.4	1661.6	1376.5
25°	5280.0	4933.8	4663.0	4310.7	3862.8	3382.2	2922.0	2712.3	2364.1	1787.8	1421.3
22.5°	5017.3	4801.5	4577.5	4184.5	3761.0	3400.5	3054.4	2789.7	2441.5	1930.4	1439.6
20°	5031.6	4891.1	4644.7	4119.3	3742.6	3508.5	3213.2	2887.4	2525.0	2054.6	1453.9
17.5°	5259.6	5076.4	4766.9	4310.7	3907.6	3618.4	3345.6	3021.8	2610.5	2164.5	1627.0
15°	5540.6	5261.7	4937.9	4536.8	4080.6	3738.6	3447.4	3115.5	2708.2	2266.3	1781.7
12.5°	5744.3	5347.2	5043.8	4681.3	4268.0	3868.9	3514.6	3186.7	2799.8	2349.8	1897.8
10°	5813.5	5453.1	5094.7	4770.9	4363.7	3938.1	3565.5	3231.5	2879.3	2415.0	1983.3
7.5°	5850.1	5544.7	5129.3	4811.7	4420.7	3980.9	3606.2	3256.0	2942.4	2459.8	2038.3
5°	5846.1	5593.6	5155.8	4823.9	4451.2	3999.2	3634.7	3262.1	2987.2	2498.5	2070.9
2.5°	5827.7	5626.2	5198.5	4844.2	4512.3	4033.8	3689.7	3274.3	3003.5	2541.2	2093.3
0°	5894.9	5628.2	5243.3	4850.3	4553.1	4046.0	3714.1	3264.1	2981.1	2553.5	2091.2
-2.5°	5750.4	5508.1	5233.2	4797.4	4498.1	4017.5	3669.3	3231.5	2932.2	2539.2	2083.1
-5°	5725.9	5420.5	5147.6	4748.5	4406.4	3958.5	3585.8	3170.4	2854.8	2492.4	2050.5
-7.5°	5660.8	5337.0	5064.2	4709.8	4320.9	3897.4	3506.4	3107.3	2771.3	2419.1	2003.7
-10°	5518.2	5208.7	4974.6	4626.4	4217.1	3809.8	3410.7	3023.8	2673.6	2319.3	1930.4
-12.5°	5314.6	5005.1	4773.0	4449.2	4086.8	3691.7	3296.7	2915.9	2561.6	2213.4	1842.8
-15°	5084.5	4770.9	4538.8	4243.5	3893.3	3508.5	3152.1	2779.5	2433.3	2101.4	1739.0
-17.5°	4823.9	4526.6	4302.6	4015.5	3667.3	3300.8	2946.5	2608.4	2284.7	1985.3	1618.8
-20°	4522.5	4233.4	4027.7	3740.6	3420.9	3064.6	2720.4	2400.7	2109.6	1828.6	1486.5

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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°	4149.9	3895.3	3661.2	3404.6	3125.6	2799.8	2480.2	2197.1	1918.1	1643.3	1350.0
-25°	3769.1	3522.7	3294.7	3060.5	2793.7	2512.7	2239.9	1983.3	1710.5	1462.0	1217.7
-27.5°	3345.6	3125.6	2922.0	2706.2	2461.8	2219.5	1995.5	1745.1	1508.9	1297.1	1087.4
-30°	2893.5	2714.3	2537.2	2345.8	2148.2	1944.6	1745.1	1508.9	1323.6	1154.6	977.4
-32.5°	2459.8	2298.9	2156.4	2013.9	1842.8	1675.8	1498.7	1323.6	1168.8	1020.2	871.5
-35°	2079.0	1908.0	1828.6	1714.5	1578.1	1427.4	1282.8	1160.7	1036.5	902.1	769.7
-37.5°	1749.1	1639.2	1545.5	1460.0	1352.1	1221.8	1117.9	1018.1	914.3	792.1	678.1
-40°	1490.5	1411.1	1317.5	1254.3	1166.8	1073.1	969.3	885.8	798.2	698.4	604.8
-42.5°	1282.8	1217.7	1156.6	1089.4	1024.2	944.8	855.2	775.8	696.4	623.1	545.7
-45°	1111.8	1065.0	1016.1	961.1	904.1	834.9	761.6	680.1	623.1	557.9	492.8
-47.5°	971.3	936.7	896.0	853.2	804.3	743.2	676.0	617.0	557.9	503.0	439.8
-50°	859.3	826.7	794.1	757.5	714.7	661.8	610.9	555.9	500.9	448.0	388.9
-52.5°	765.6	737.1	710.7	680.1	639.4	594.6	547.8	498.9	448.0	395.0	348.2
-55°	700.5	667.9	641.4	610.9	574.2	531.5	488.7	443.9	395.0	354.3	315.6
-57.5°	647.5	610.9	580.3	547.8	511.1	474.4	435.8	395.0	358.4	319.7	283.0
-60°	602.7	560.0	525.4	492.8	458.2	423.5	391.0	356.3	321.7	287.1	250.5
-62.5°	555.9	511.1	468.3	437.8	411.3	380.8	352.3	319.7	289.1	254.5	228.1
-65°	503.0	460.2	419.5	393.0	368.6	342.1	315.6	287.1	260.6	234.2	209.7
-67.5°	443.9	407.3	378.7	354.3	329.9	307.5	283.0	258.6	236.2	209.7	185.3
-70°	372.6	352.3	336.0	317.7	295.3	274.9	252.5	230.1	205.7	183.3	160.9
-72.5°	317.7	305.4	293.2	274.9	254.5	236.2	217.9	197.5	177.2	156.8	138.5
-75°	260.6	250.5	240.3	228.1	211.8	197.5	181.2	162.9	146.6	132.4	118.1
-77.5°	209.7	201.6	195.5	185.3	173.1	160.9	150.7	138.5	126.2	112.0	97.7
-80°	167.0	162.9	160.9	156.8	146.6	136.4	128.3	118.1	105.9	95.7	85.5
-82.5°	130.3	130.3	128.3	126.2	118.1	110.0	103.8	95.7	87.6	79.4	69.2
-85°	95.7	93.7	93.7	91.6	85.5	81.5	75.3	71.3	65.2	57.0	52.9
-87.5°	57.0	55.0	52.9	50.9	46.8	44.8	40.7	38.7	34.6	30.5	28.5
-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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CATALOG NUMBER: IFLD-S-SA3B-827-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
85°	6.1	4.1	4.1	4.1	4.1	4.1	2.0	2.0	2.0	2.0	2.0
82.5°	12.2	12.2	10.2	10.2	8.1	6.1	4.1	4.1	4.1	2.0	2.0
80°	18.3	18.3	18.3	16.3	14.3	10.2	8.1	6.1	4.1	2.0	2.0
77.5°	22.4	20.4	20.4	18.3	18.3	16.3	12.2	10.2	6.1	4.1	2.0
75°	22.4	22.4	22.4	20.4	20.4	18.3	16.3	12.2	10.2	6.1	4.1
72.5°	24.4	22.4	22.4	22.4	20.4	18.3	16.3	14.3	12.2	8.1	4.1
70°	22.4	22.4	22.4	22.4	20.4	20.4	16.3	14.3	14.3	8.1	6.1
67.5°	22.4	22.4	22.4	20.4	20.4	18.3	16.3	14.3	14.3	10.2	6.1
65°	24.4	22.4	22.4	22.4	20.4	18.3	16.3	14.3	14.3	12.2	8.1
62.5°	26.5	24.4	24.4	22.4	20.4	18.3	16.3	14.3	14.3	12.2	8.1
60°	28.5	26.5	24.4	24.4	22.4	20.4	16.3	16.3	14.3	12.2	8.1
57.5°	30.5	28.5	28.5	26.5	24.4	22.4	18.3	16.3	14.3	12.2	10.2
55°	36.7	32.6	30.5	30.5	28.5	24.4	20.4	16.3	14.3	12.2	10.2
52.5°	48.9	38.7	34.6	34.6	32.6	28.5	22.4	18.3	14.3	12.2	10.2
50°	77.4	48.9	40.7	36.7	36.7	32.6	26.5	20.4	14.3	12.2	10.2
47.5°	122.2	81.5	48.9	42.8	40.7	38.7	30.5	20.4	16.3	12.2	10.2
45°	201.6	120.1	79.4	50.9	42.8	40.7	34.6	22.4	16.3	14.3	10.2
42.5°	276.9	187.3	122.2	61.1	50.9	44.8	36.7	24.4	18.3	14.3	10.2
40°	435.8	256.6	171.0	99.8	59.1	46.8	40.7	28.5	18.3	14.3	10.2
37.5°	590.5	340.1	230.1	146.6	67.2	52.9	42.8	30.5	20.4	14.3	12.2
35°	745.3	476.5	285.1	195.5	89.6	63.1	44.8	32.6	20.4	14.3	12.2
32.5°	883.7	604.8	342.1	244.4	134.4	75.3	48.9	34.6	22.4	16.3	12.2
30°	997.8	722.9	443.9	287.1	175.1	91.6	52.9	34.6	24.4	16.3	12.2
27.5°	1083.3	814.5	547.8	331.9	209.7	107.9	61.1	38.7	24.4	16.3	12.2
25°	1152.5	885.8	639.4	378.7	240.3	134.4	73.3	40.7	26.5	18.3	12.2
22.5°	1207.5	944.8	714.7	441.9	276.9	160.9	89.6	44.8	26.5	18.3	12.2
20°	1282.8	1003.9	765.6	509.1	315.6	185.3	103.8	48.9	26.5	18.3	14.3
17.5°	1348.0	1062.9	806.4	566.1	354.3	203.6	120.1	52.9	28.5	18.3	14.3
15°	1423.3	1119.9	843.0	610.9	391.0	219.9	134.4	57.0	28.5	20.4	14.3
12.5°	1504.8	1172.9	869.5	647.5	429.6	234.2	146.6	65.2	30.5	20.4	14.3
10°	1588.3	1217.7	891.9	674.0	458.2	248.4	154.8	73.3	32.6	20.4	14.3
7.5°	1671.8	1258.4	920.4	686.2	470.4	264.7	158.8	81.5	32.6	22.4	14.3
5°	1728.8	1284.9	961.1	694.4	476.5	283.0	164.9	91.6	34.6	22.4	14.3
2.5°	1777.6	1301.2	1003.9	700.5	478.5	293.2	162.9	97.7	36.7	22.4	14.3
0°	1800.0	1301.2	1032.4	696.4	472.4	303.4	162.9	103.8	36.7	22.4	14.3
-2.5°	1765.4	1337.8	1024.2	698.4	474.4	303.4	171.0	105.9	40.7	24.4	14.3
-5°	1710.5	1352.1	999.8	688.3	470.4	303.4	181.2	107.9	42.8	24.4	16.3
-7.5°	1657.5	1358.2	971.3	678.1	464.3	295.3	183.3	105.9	46.8	26.5	16.3
-10°	1588.3	1291.0	934.6	659.7	452.0	289.1	187.3	105.9	48.9	26.5	16.3
-12.5°	1508.9	1209.5	889.8	633.3	437.8	283.0	189.4	105.9	50.9	28.5	16.3
-15°	1417.2	1126.0	838.9	604.8	417.4	274.9	185.3	103.8	52.9	28.5	18.3
-17.5°	1313.4	1044.6	786.0	570.2	395.0	264.7	177.2	101.8	52.9	28.5	18.3
-20°	1195.3	963.1	726.9	535.5	368.6	252.5	169.0	97.7	52.9	28.5	18.3

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CATALOG NUMBER: IFLD-S-SA3B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1089.4	887.8	665.9	496.8	340.1	238.2	158.8	93.7	52.9	30.5	18.3
-25°	1001.8	814.5	619.0	458.2	309.5	222.0	148.6	89.6	52.9	30.5	18.3
-27.5°	910.2	735.1	570.2	421.5	289.1	207.7	138.5	85.5	50.9	30.5	18.3
-30°	816.5	657.7	519.2	380.8	268.8	193.4	130.3	79.4	50.9	30.5	18.3
-32.5°	731.0	594.6	472.4	340.1	246.4	179.2	122.2	77.4	48.9	30.5	18.3
-35°	647.5	537.6	423.5	307.5	222.0	164.9	114.0	75.3	48.9	30.5	18.3
-37.5°	578.3	484.6	378.7	285.1	207.7	152.7	105.9	71.3	46.8	30.5	18.3
-40°	521.3	435.8	336.0	260.6	195.5	140.5	97.7	69.2	46.8	30.5	18.3
-42.5°	468.3	388.9	309.5	240.3	183.3	132.4	91.6	67.2	44.8	30.5	18.3
-45°	421.5	348.2	283.0	222.0	169.0	122.2	87.6	63.1	42.8	30.5	20.4
-47.5°	374.7	319.7	258.6	205.7	154.8	110.0	83.5	61.1	40.7	28.5	20.4
-50°	338.0	289.1	238.2	187.3	140.5	105.9	79.4	57.0	40.7	28.5	20.4
-52.5°	305.4	260.6	215.8	169.0	128.3	99.8	75.3	52.9	38.7	28.5	20.4
-55°	274.9	234.2	193.4	150.7	120.1	93.7	69.2	48.9	38.7	28.5	20.4
-57.5°	244.4	209.7	171.0	136.4	110.0	87.6	65.2	48.9	38.7	28.5	20.4
-60°	219.9	187.3	154.8	126.2	101.8	79.4	59.1	46.8	36.7	28.5	20.4
-62.5°	199.6	169.0	140.5	114.0	93.7	71.3	57.0	46.8	36.7	28.5	18.3
-65°	179.2	152.7	126.2	103.8	83.5	67.2	55.0	44.8	36.7	28.5	18.3
-67.5°	158.8	134.4	114.0	91.6	77.4	65.2	52.9	44.8	34.6	26.5	18.3
-70°	138.5	118.1	99.8	85.5	73.3	61.1	50.9	42.8	34.6	24.4	16.3
-72.5°	122.2	103.8	89.6	79.4	69.2	59.1	48.9	40.7	32.6	22.4	14.3
-75°	103.8	91.6	81.5	71.3	63.1	55.0	46.8	36.7	28.5	20.4	14.3
-77.5°	87.6	79.4	71.3	65.2	57.0	48.9	40.7	32.6	26.5	18.3	12.2
-80°	75.3	69.2	63.1	57.0	50.9	42.8	36.7	28.5	22.4	16.3	10.2
-82.5°	61.1	57.0	50.9	46.8	42.8	36.7	30.5	24.4	16.3	12.2	8.1
-85°	46.8	42.8	40.7	36.7	32.6	26.5	20.4	16.3	12.2	8.1	4.1
-87.5°	24.4	22.4	20.4	18.3	16.3	12.2	10.2	8.1	6.1	4.1	2.0
-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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CATALOG NUMBER: IFLD-S-SA3B-827-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°	2.0	0.0	0.0	0.0
77.5°	2.0	0.0	0.0	0.0
75°	2.0	2.0	0.0	0.0
72.5°	2.0	2.0	0.0	0.0
70°	2.0	2.0	0.0	0.0
67.5°	4.1	2.0	0.0	0.0
65°	4.1	2.0	0.0	0.0
62.5°	4.1	2.0	0.0	0.0
60°	4.1	2.0	0.0	0.0
57.5°	6.1	2.0	2.0	0.0
55°	6.1	2.0	2.0	0.0
52.5°	6.1	2.0	2.0	0.0
50°	6.1	4.1	2.0	0.0
47.5°	6.1	4.1	2.0	0.0
45°	6.1	4.1	2.0	0.0
42.5°	6.1	4.1	2.0	0.0
40°	8.1	4.1	2.0	0.0
37.5°	8.1	4.1	2.0	0.0
35°	8.1	4.1	2.0	0.0
32.5°	8.1	4.1	2.0	0.0
30°	8.1	4.1	2.0	0.0
27.5°	8.1	6.1	2.0	0.0
25°	8.1	6.1	2.0	0.0
22.5°	10.2	6.1	2.0	0.0
20°	10.2	6.1	2.0	0.0
17.5°	10.2	6.1	2.0	0.0
15°	10.2	6.1	2.0	0.0
12.5°	10.2	6.1	2.0	0.0
10°	10.2	6.1	2.0	0.0
7.5°	10.2	6.1	2.0	0.0
5°	10.2	6.1	2.0	0.0
2.5°	10.2	6.1	2.0	0.0
0°	10.2	6.1	2.0	0.0
-2.5°	10.2	6.1	2.0	0.0
-5°	10.2	6.1	2.0	0.0
-7.5°	10.2	6.1	2.0	0.0
-10°	10.2	6.1	2.0	0.0
-12.5°	12.2	6.1	2.0	0.0
-15°	12.2	6.1	2.0	0.0
-17.5°	12.2	6.1	2.0	0.0
-20°	12.2	6.1	2.0	0.0



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CATALOG NUMBER: IFLD-S-SA3B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.2	6.1	2.0	0.0
-25°	12.2	6.1	2.0	0.0
-27.5°	12.2	6.1	2.0	0.0
-30°	12.2	6.1	2.0	0.0
-32.5°	12.2	6.1	2.0	0.0
-35°	12.2	6.1	2.0	0.0
-37.5°	12.2	6.1	2.0	0.0
-40°	12.2	6.1	2.0	0.0
-42.5°	10.2	6.1	2.0	0.0
-45°	12.2	6.1	2.0	0.0
-47.5°	12.2	6.1	2.0	0.0
-50°	12.2	6.1	2.0	0.0
-52.5°	12.2	6.1	2.0	0.0
-55°	12.2	6.1	2.0	0.0
-57.5°	12.2	6.1	2.0	0.0
-60°	12.2	6.1	2.0	0.0
-62.5°	10.2	6.1	2.0	0.0
-65°	10.2	4.1	2.0	0.0
-67.5°	10.2	4.1	2.0	0.0
-70°	10.2	4.1	2.0	0.0
-72.5°	8.1	4.1	2.0	0.0
-75°	8.1	4.1	2.0	0.0
-77.5°	6.1	2.0	0.0	0.0
-80°	6.1	2.0	0.0	0.0
-82.5°	4.1	2.0	0.0	0.0
-85°	2.0	2.0	0.0	0.0
-87.5°	2.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)