

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: P722660

Luminaire Tested: **IFLD-S-SA3A-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722660
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

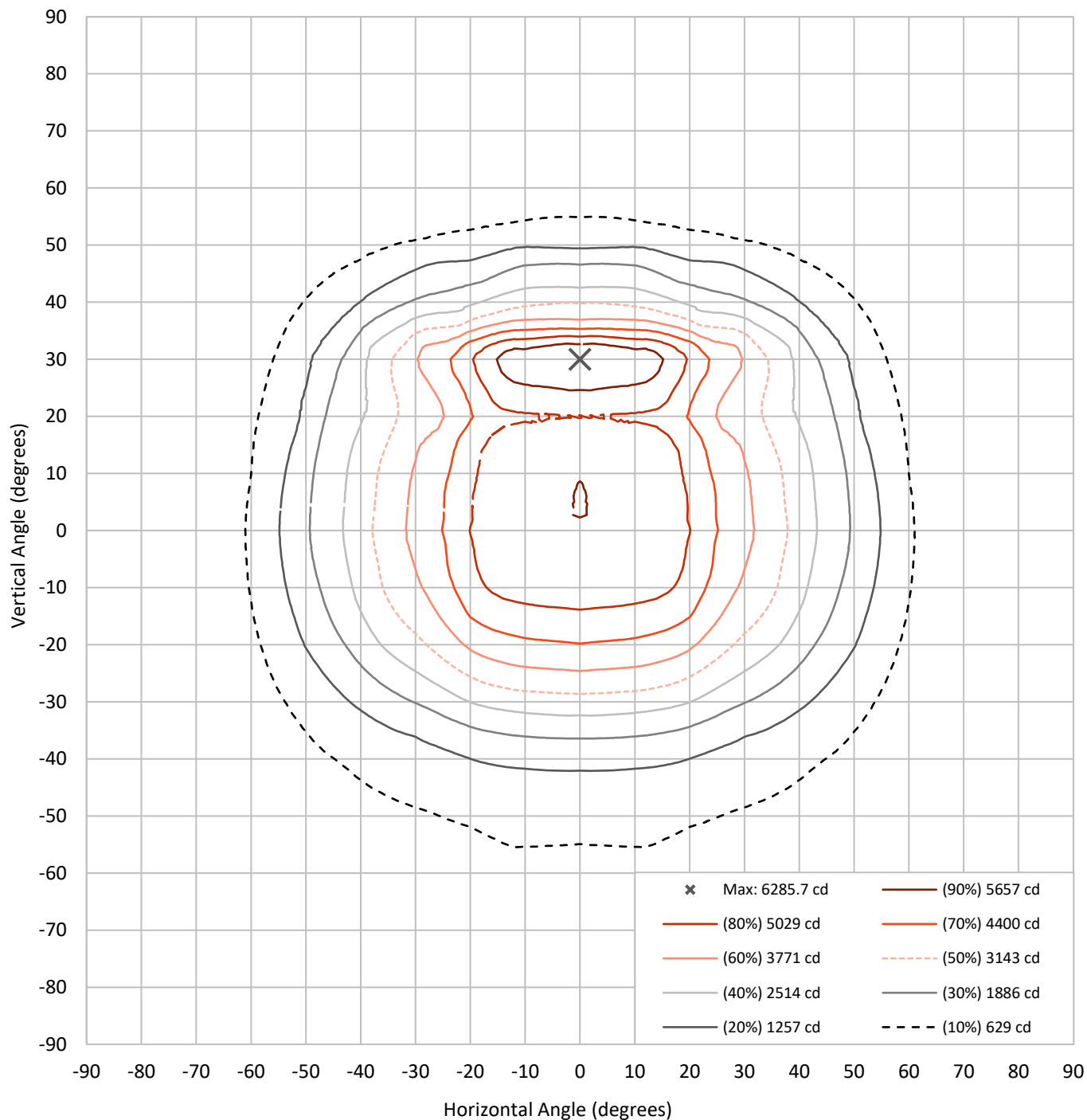
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9003.8 lumens	Max Intensity:	6285.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	5744.1 lumens	Field Lumens:	8488.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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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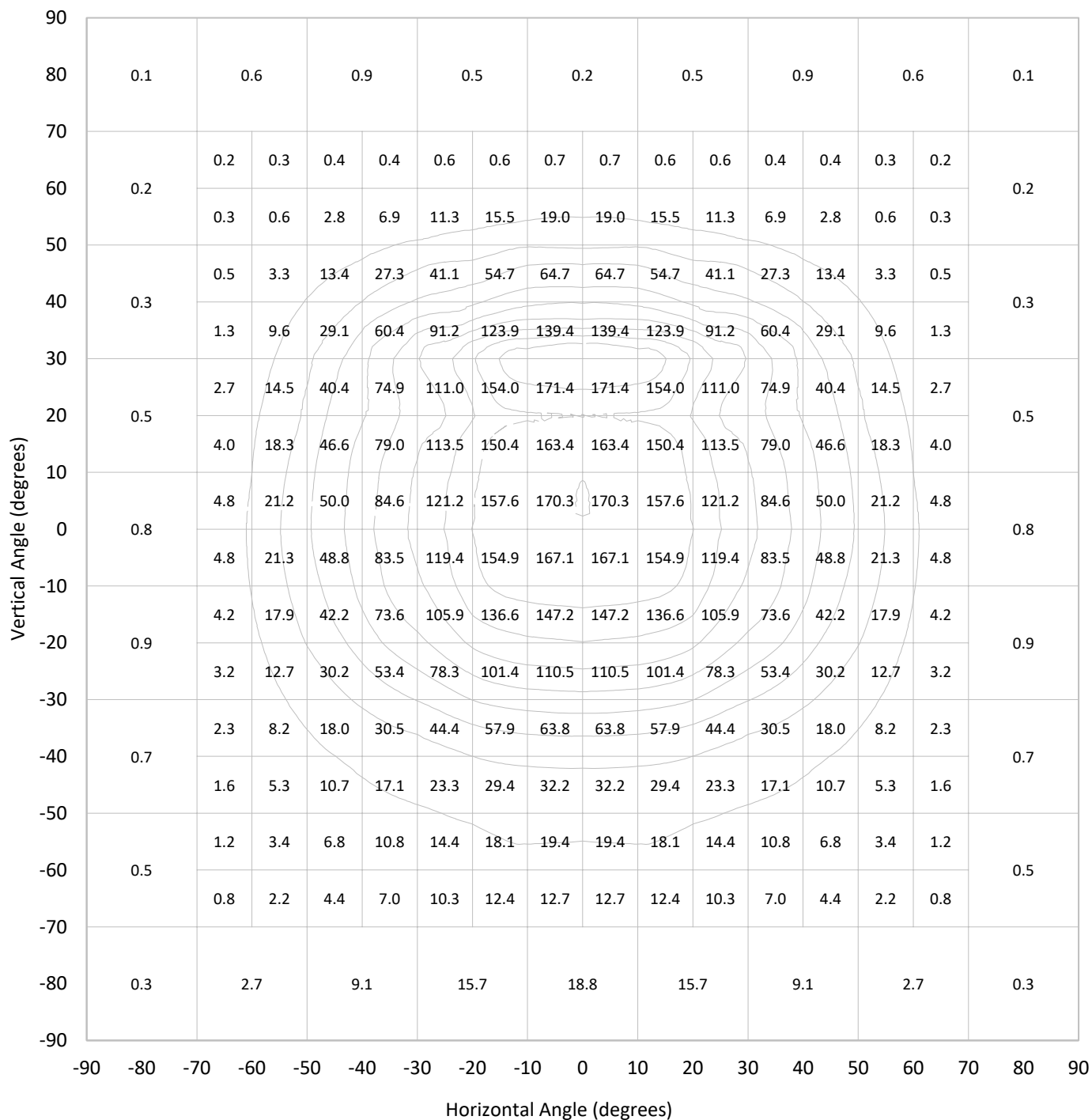
Iso-Candela Plot



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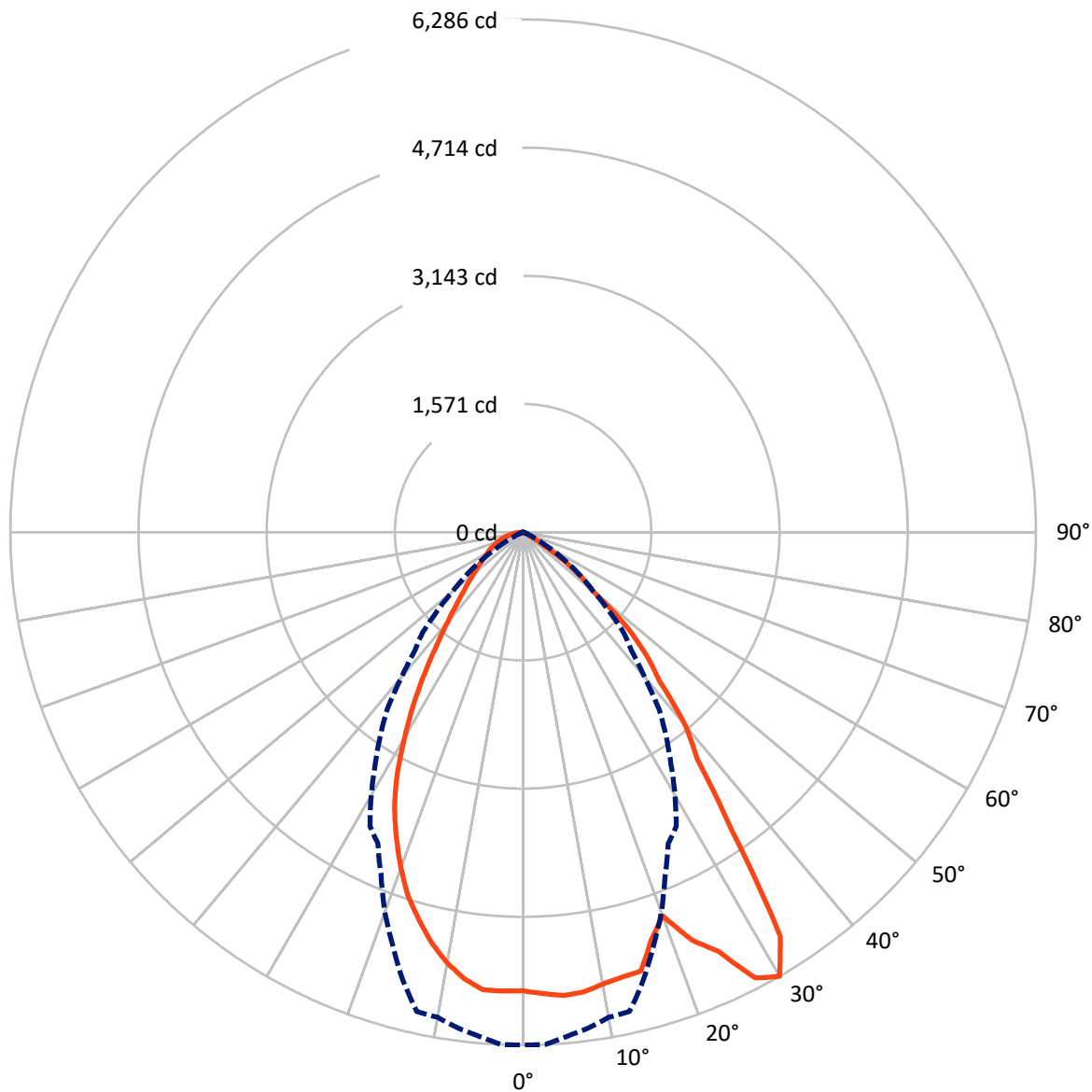
Lumen Table



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Luminous Intensity Polar Plot



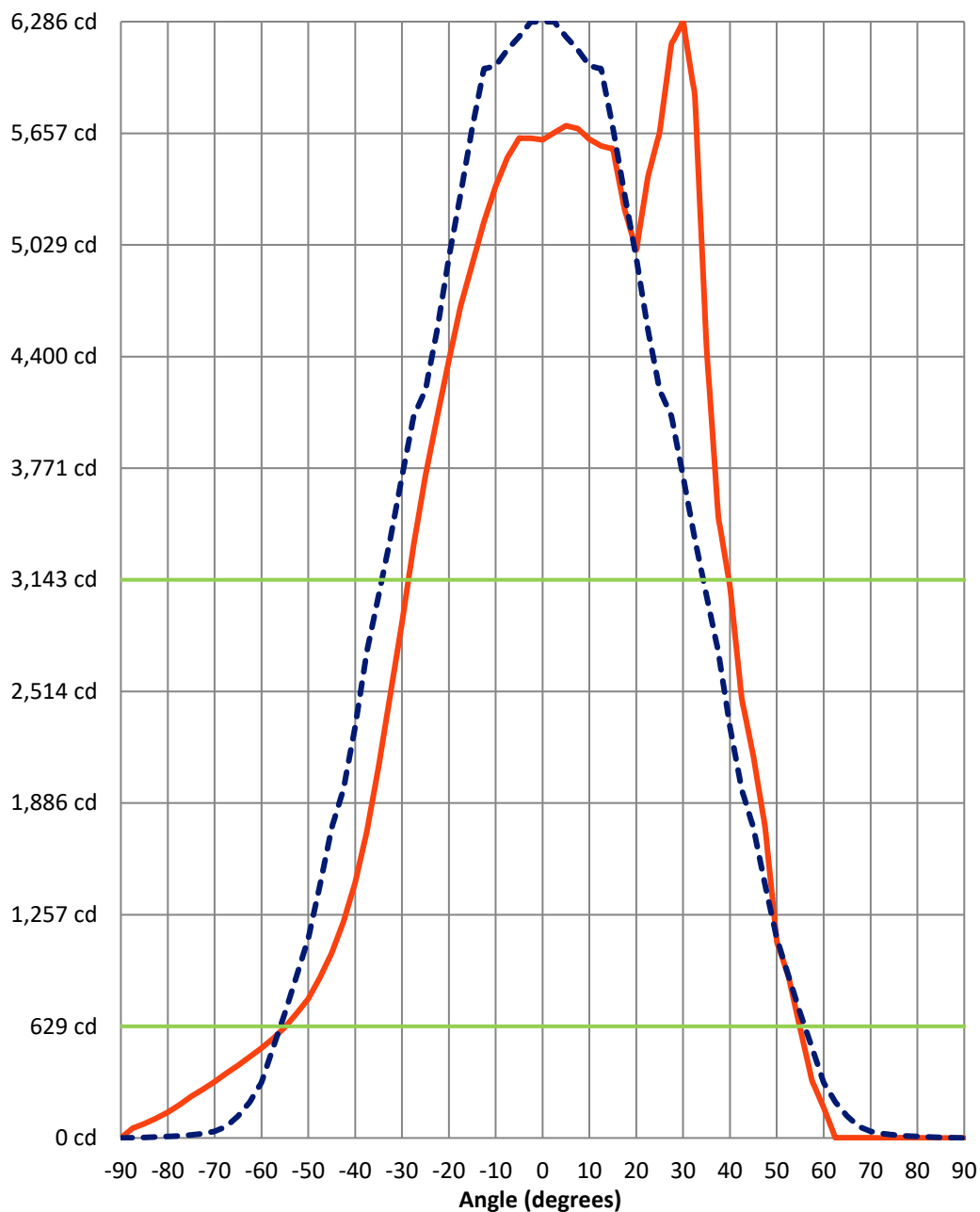
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 5744.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 8488.6

Efficiency: 94.3%

Spill:

Lumens: 515.2

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	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.0	1.4	1.4	1.4	2.9	2.9	2.9	2.9	2.9	2.9	4.3
82.5°	0.0	1.4	1.4	1.4	2.9	2.9	2.9	2.9	4.3	4.3	5.7
80°	1.4	1.4	1.4	1.4	2.9	2.9	2.9	4.3	4.3	5.7	5.7
77.5°	1.4	1.4	1.4	2.9	2.9	2.9	4.3	4.3	5.7	5.7	7.2
75°	1.4	1.4	1.4	2.9	2.9	4.3	4.3	4.3	5.7	5.7	7.2
72.5°	0.0	1.4	1.4	2.9	2.9	4.3	4.3	4.3	5.7	5.7	5.7
70°	1.4	1.4	1.4	2.9	2.9	4.3	4.3	4.3	5.7	5.7	5.7
67.5°	1.4	1.4	1.4	2.9	2.9	4.3	4.3	5.7	5.7	5.7	7.2
65°	1.4	1.4	1.4	2.9	4.3	4.3	5.7	7.2	7.2	8.6	10.0
62.5°	1.4	2.9	2.9	4.3	5.7	7.2	15.8	24.4	24.4	17.2	14.3
60°	170.6	184.9	183.5	166.3	144.8	121.8	117.5	113.2	104.6	91.7	96.0
57.5°	324.0	341.2	348.3	344.0	332.6	312.5	301.0	288.1	270.9	250.9	227.9
55°	613.5	620.7	604.9	574.8	541.8	508.9	497.4	480.2	454.4	428.6	394.2
52.5°	907.4	931.7	924.6	894.5	850.0	791.3	726.8	676.6	646.5	617.8	583.4
50°	1108.1	1118.1	1138.2	1174.0	1186.9	1146.8	1042.1	907.4	811.3	860.1	822.8
47.5°	1748.8	1799.0	1788.9	1763.1	1720.1	1611.2	1465.0	1344.6	1244.2	1211.3	1217.0
45°	2148.7	2168.8	2161.6	2150.2	2130.1	2028.3	1866.4	1681.4	1588.3	1551.0	1512.3
42.5°	2477.0	2498.5	2502.8	2504.2	2482.7	2389.6	2243.3	2058.4	1965.3	1857.8	1773.2
40°	3103.4	3135.0	3099.1	3051.8	2980.1	2874.1	2730.7	2560.1	2395.3	2263.4	2163.1
37.5°	3503.4	3542.1	3556.4	3553.5	3537.8	3491.9	3315.6	3153.6	2901.3	2606.0	2659.0
35°	4452.3	4492.4	4481.0	4438.0	4415.0	4366.3	4194.3	4002.2	3685.4	3364.3	3278.3
32.5°	5867.1	5954.6	5791.1	5612.0	5501.6	5540.3	5365.4	4895.2	4749.0	4169.9	3901.9
30°	6285.7	6284.2	6201.1	6128.0	6037.7	6019.1	5689.4	5313.8	4955.4	4549.8	4211.5
27.5°	6158.1	6132.3	6062.1	6009.0	5924.4	5880.0	5557.5	5259.3	4845.1	4482.4	4155.6
25°	5666.4	5686.5	5614.8	5604.8	5571.8	5485.8	5325.3	4989.8	4620.0	4218.6	3983.6
22.5°	5412.7	5405.5	5319.5	5269.4	5309.5	5217.8	5153.3	4815.0	4429.4	4091.1	3808.7
20°	4999.9	5001.3	4979.8	4975.5	4951.1	4909.6	4858.0	4618.6	4346.2	4056.7	3716.9
17.5°	5230.7	5289.4	5315.2	5101.6	5161.9	5114.5	5060.1	4726.1	4521.1	4264.5	3821.6
15°	5569.0	5547.5	5521.6	5510.2	5477.2	5432.8	5333.9	5067.2	4714.6	4449.4	4104.0
12.5°	5586.2	5544.6	5534.6	5533.1	5498.7	5437.1	5341.0	5120.3	4807.8	4485.3	4204.3
10°	5623.4	5580.4	5574.7	5581.9	5528.8	5490.1	5394.1	5189.1	4836.5	4546.9	4281.7
7.5°	5683.6	5612.0	5644.9	5623.4	5599.1	5537.4	5434.2	5233.5	4941.1	4628.6	4350.5
5°	5699.4	5620.6	5656.4	5636.3	5600.5	5540.3	5428.5	5262.2	5005.6	4661.6	4377.8
2.5°	5660.7	5637.8	5622.0	5584.7	5569.0	5503.0	5396.9	5219.2	4975.5	4647.2	4372.0
0°	5620.6	5640.6	5604.8	5567.5	5560.4	5507.3	5417.0	5256.5	5045.7	4687.4	4420.8
-2.5°	5629.2	5613.4	5589.0	5550.3	5513.0	5437.1	5355.4	5204.9	4978.4	4599.9	4352.0
-5°	5629.2	5556.1	5558.9	5560.4	5523.1	5444.2	5345.3	5217.8	4938.2	4598.5	4331.9
-7.5°	5520.2	5457.1	5447.1	5438.5	5428.5	5355.4	5278.0	5118.9	4870.9	4561.2	4276.0
-10°	5359.7	5298.0	5303.8	5290.9	5259.3	5210.6	5151.8	5008.5	4804.9	4443.7	4162.7
-12.5°	5159.0	5131.8	5116.0	5094.5	5062.9	5019.9	4959.7	4825.0	4607.1	4298.9	4032.3
-15°	4921.0	4901.0	4886.6	4873.7	4827.9	4783.4	4704.6	4579.9	4443.7	4112.6	3840.2
-17.5°	4683.1	4632.9	4612.8	4595.6	4565.5	4493.9	4422.2	4329.0	4138.4	3876.0	3642.4
-20°	4377.8	4347.7	4323.3	4300.4	4257.3	4201.4	4142.7	4035.2	3870.3	3658.2	3415.9

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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°	4058.1	4040.9	4020.8	3992.2	3963.5	3910.5	3828.7	3725.5	3596.5	3367.2	3140.7
-25°	3728.4	3695.4	3671.1	3643.8	3620.9	3572.2	3493.3	3394.4	3232.4	3034.6	2845.4
-27.5°	3339.9	3308.4	3295.5	3264.0	3243.9	3199.5	3120.6	3028.9	2882.7	2716.4	2524.3
-30°	2901.3	2907.0	2892.7	2862.6	2838.2	2780.9	2720.7	2643.3	2528.6	2369.5	2197.5
-32.5°	2495.6	2502.8	2485.6	2454.1	2422.5	2381.0	2325.1	2254.8	2168.8	2016.9	1867.8
-35°	2090.0	2087.1	2072.8	2054.1	2032.6	1998.2	1935.2	1882.1	1783.2	1677.1	1573.9
-37.5°	1725.9	1733.0	1728.7	1718.7	1694.3	1665.7	1614.1	1565.3	1492.2	1399.0	1318.8
-40°	1437.8	1446.4	1440.6	1430.6	1409.1	1391.9	1357.5	1314.5	1255.7	1175.4	1108.1
-42.5°	1217.0	1222.7	1215.6	1207.0	1188.3	1175.4	1148.2	1112.4	1063.6	1002.0	941.8
-45°	1042.1	1043.6	1036.4	1030.7	1016.3	1000.5	977.6	948.9	910.2	867.2	818.5
-47.5°	904.5	903.1	895.9	890.2	878.7	864.4	845.7	819.9	789.8	756.9	718.2
-50°	784.1	791.3	788.4	782.7	774.1	764.0	745.4	718.2	688.1	663.7	636.5
-52.5°	701.0	702.4	701.0	701.0	699.5	692.4	670.9	643.6	610.6	589.1	566.2
-55°	623.6	630.7	633.6	636.5	637.9	637.9	612.1	583.4	551.9	530.4	513.2
-57.5°	560.5	564.8	567.6	574.8	580.5	584.8	561.9	536.1	511.7	491.7	475.9
-60°	506.0	511.7	516.0	523.2	527.5	530.4	516.0	498.8	484.5	471.6	448.7
-62.5°	457.3	461.6	465.9	470.2	474.5	477.3	471.6	463.0	455.8	450.1	421.4
-65°	408.5	412.8	417.1	422.9	427.2	430.0	428.6	422.9	417.1	411.4	385.6
-67.5°	364.1	368.4	374.1	375.6	378.4	379.9	377.0	372.7	365.5	358.4	338.3
-70°	316.8	319.7	322.5	322.5	322.5	321.1	318.2	312.5	305.3	295.3	279.5
-72.5°	273.8	276.7	279.5	275.2	272.4	268.1	263.8	256.6	249.4	242.3	233.7
-75°	233.7	235.1	235.1	229.4	225.1	220.8	215.0	210.7	203.5	197.8	190.6
-77.5°	186.3	186.3	186.3	182.0	179.2	176.3	172.0	167.7	162.0	157.7	151.9
-80°	144.8	144.8	144.8	143.3	139.0	136.2	133.3	130.4	126.1	123.3	120.4
-82.5°	110.4	110.4	110.4	108.9	106.1	104.6	101.8	98.9	97.5	94.6	93.2
-85°	80.3	81.7	81.7	80.3	78.8	76.0	74.5	73.1	71.7	70.2	67.4
-87.5°	54.5	54.5	54.5	53.0	51.6	51.6	50.2	47.3	44.4	43.0	41.6
-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):

	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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	4.3	4.3	4.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.3
82.5°	7.2	7.2	8.6	8.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0
80°	7.2	8.6	10.0	11.5	12.9	14.3	14.3	14.3	14.3	12.9	12.9
77.5°	8.6	8.6	10.0	11.5	12.9	14.3	15.8	17.2	15.8	15.8	15.8
75°	8.6	10.0	10.0	11.5	12.9	14.3	15.8	17.2	17.2	17.2	17.2
72.5°	7.2	8.6	10.0	11.5	11.5	12.9	14.3	14.3	15.8	15.8	17.2
70°	7.2	8.6	10.0	10.0	11.5	11.5	12.9	14.3	14.3	15.8	15.8
67.5°	8.6	10.0	10.0	11.5	12.9	12.9	12.9	14.3	14.3	15.8	15.8
65°	10.0	11.5	11.5	12.9	14.3	14.3	15.8	15.8	15.8	17.2	17.2
62.5°	17.2	17.2	17.2	15.8	17.2	17.2	17.2	18.6	18.6	17.2	18.6
60°	88.9	64.5	44.4	55.9	50.2	22.9	22.9	22.9	21.5	21.5	20.1
57.5°	209.3	194.9	167.7	141.9	127.6	113.2	70.2	28.7	28.7	25.8	22.9
55°	349.8	302.5	282.4	248.0	210.7	193.5	160.5	108.9	51.6	34.4	30.1
52.5°	541.8	497.4	445.8	375.6	325.4	285.3	258.0	205.0	137.6	73.1	45.9
50°	725.3	705.3	673.7	604.9	500.3	432.9	388.5	328.3	246.6	150.5	86.0
47.5°	1168.3	1000.5	898.8	845.7	758.3	630.7	544.7	477.3	378.4	253.7	151.9
45°	1470.7	1364.6	1202.7	1090.9	961.8	827.1	715.3	637.9	520.3	379.9	238.0
42.5°	1730.2	1638.4	1492.2	1328.8	1192.6	1016.3	873.0	771.2	672.3	518.9	355.5
40°	2064.2	1955.2	1814.7	1655.6	1496.5	1271.5	1039.3	916.0	807.0	670.9	480.2
37.5°	2614.6	2422.5	2193.2	2016.9	1809.0	1618.4	1300.1	1082.3	953.2	811.3	626.4
35°	3276.9	3066.1	2683.4	2449.8	2171.7	1887.9	1601.2	1278.6	1095.2	944.6	761.2
32.5°	3893.3	3585.1	3094.8	2821.0	2636.1	2112.9	1816.2	1536.7	1241.4	1056.5	838.6
30°	4063.8	3724.1	3372.9	3053.2	2737.9	2315.0	1963.8	1745.9	1424.8	1123.8	911.7
27.5°	3891.8	3658.2	3385.8	3089.1	2747.9	2385.3	2054.1	1846.3	1559.6	1169.7	969.0
25°	3716.9	3473.2	3282.6	3034.6	2719.3	2381.0	2057.0	1909.4	1664.2	1258.6	1000.5
22.5°	3532.0	3380.1	3222.4	2945.7	2647.6	2393.9	2150.2	1963.8	1718.7	1358.9	1013.4
20°	3542.1	3443.1	3269.7	2899.9	2634.7	2469.8	2262.0	2032.6	1777.5	1446.4	1023.5
17.5°	3702.6	3573.6	3355.7	3034.6	2750.8	2547.2	2355.2	2127.2	1837.7	1523.8	1145.3
15°	3900.4	3704.0	3476.1	3193.7	2872.6	2631.8	2426.8	2193.2	1906.5	1595.4	1254.3
12.5°	4043.8	3764.2	3550.7	3295.5	3004.5	2723.6	2474.1	2243.3	1971.0	1654.2	1336.0
10°	4092.5	3838.8	3586.5	3358.6	3071.9	2772.3	2510.0	2274.9	2026.9	1700.1	1396.2
7.5°	4118.3	3903.3	3610.9	3387.2	3112.0	2802.4	2538.6	2292.1	2071.3	1731.6	1434.9
5°	4115.4	3937.7	3629.5	3395.8	3133.5	2815.3	2558.7	2296.4	2102.9	1758.8	1457.8
2.5°	4102.5	3960.6	3659.6	3410.2	3176.5	2839.7	2597.4	2305.0	2114.3	1788.9	1473.6
0°	4149.8	3962.1	3691.1	3414.5	3205.2	2848.3	2614.6	2297.8	2098.6	1797.5	1472.2
-2.5°	4048.1	3877.5	3684.0	3377.2	3166.5	2828.2	2583.1	2274.9	2064.2	1787.5	1466.4
-5°	4030.9	3815.8	3623.8	3342.8	3102.0	2786.6	2524.3	2231.9	2009.7	1754.5	1443.5
-7.5°	3985.0	3757.1	3565.0	3315.6	3041.8	2743.6	2468.4	2187.4	1950.9	1702.9	1410.5
-10°	3884.6	3666.8	3501.9	3256.8	2968.7	2682.0	2401.0	2128.7	1882.1	1632.7	1358.9
-12.5°	3741.3	3523.4	3360.0	3132.1	2876.9	2598.8	2320.8	2052.7	1803.3	1558.2	1297.3
-15°	3579.3	3358.6	3195.2	2987.3	2740.8	2469.8	2219.0	1956.7	1713.0	1479.3	1224.2
-17.5°	3395.8	3186.6	3028.9	2826.8	2581.6	2323.6	2074.2	1836.2	1608.3	1397.6	1139.6
-20°	3183.7	2980.1	2835.4	2633.2	2408.2	2157.3	1915.1	1690.0	1485.1	1287.2	1046.4

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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°	2921.4	2742.2	2577.3	2396.7	2200.3	1971.0	1745.9	1546.7	1350.3	1156.8	950.4
-25°	2653.3	2479.9	2319.3	2154.5	1966.7	1768.9	1576.8	1396.2	1204.1	1029.2	857.2
-27.5°	2355.2	2200.3	2057.0	1905.1	1733.0	1562.5	1404.8	1228.5	1062.2	913.1	765.5
-30°	2036.9	1910.8	1786.1	1651.3	1512.3	1368.9	1228.5	1062.2	931.7	812.8	688.1
-32.5°	1731.6	1618.4	1518.0	1417.7	1297.3	1179.7	1055.0	931.7	822.8	718.2	613.5
-35°	1463.6	1343.1	1287.2	1207.0	1110.9	1004.8	903.1	817.1	729.6	635.0	541.8
-37.5°	1231.3	1153.9	1088.0	1027.8	951.8	860.1	787.0	716.7	643.6	557.6	477.3
-40°	1049.3	993.4	927.4	883.0	821.4	755.4	682.3	623.6	561.9	491.7	425.7
-42.5°	903.1	857.2	814.2	766.9	721.0	665.1	602.0	546.1	490.2	438.6	384.2
-45°	782.7	749.7	715.3	676.6	636.5	587.7	536.1	478.8	438.6	392.8	346.9
-47.5°	683.8	659.4	630.7	600.6	566.2	523.2	475.9	434.3	392.8	354.1	309.6
-50°	604.9	582.0	559.0	533.2	503.1	465.9	430.0	391.3	352.6	315.4	273.8
-52.5°	539.0	518.9	500.3	478.8	450.1	418.6	385.6	351.2	315.4	278.1	245.1
-55°	493.1	470.2	451.5	430.0	404.2	374.1	344.0	312.5	278.1	249.4	222.2
-57.5°	455.8	430.0	408.5	385.6	359.8	334.0	306.8	278.1	252.3	225.1	199.2
-60°	424.3	394.2	369.8	346.9	322.5	298.2	275.2	250.9	226.5	202.1	176.3
-62.5°	391.3	359.8	329.7	308.2	289.6	268.1	248.0	225.1	203.5	179.2	160.5
-65°	354.1	324.0	295.3	276.7	259.5	240.8	222.2	202.1	183.5	164.8	147.6
-67.5°	312.5	286.7	266.6	249.4	232.2	216.5	199.2	182.0	166.3	147.6	130.4
-70°	262.3	248.0	236.5	223.6	207.9	193.5	177.7	162.0	144.8	129.0	113.2
-72.5°	223.6	215.0	206.4	193.5	179.2	166.3	153.4	139.0	124.7	110.4	97.5
-75°	183.5	176.3	169.1	160.5	149.1	139.0	127.6	114.7	103.2	93.2	83.1
-77.5°	147.6	141.9	137.6	130.4	121.8	113.2	106.1	97.5	88.9	78.8	68.8
-80°	117.5	114.7	113.2	110.4	103.2	96.0	90.3	83.1	74.5	67.4	60.2
-82.5°	91.7	91.7	90.3	88.9	83.1	77.4	73.1	67.4	61.6	55.9	48.7
-85°	67.4	65.9	65.9	64.5	60.2	57.3	53.0	50.2	45.9	40.1	37.3
-87.5°	40.1	38.7	37.3	35.8	33.0	31.5	28.7	27.2	24.4	21.5	20.1
-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-S-SA3A-930-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0
85°	4.3	2.9	2.9	2.9	2.9	2.9	1.4	1.4	1.4	1.4	1.4
82.5°	8.6	8.6	7.2	7.2	5.7	4.3	2.9	2.9	2.9	1.4	1.4
80°	12.9	12.9	12.9	11.5	10.0	7.2	5.7	4.3	2.9	1.4	1.4
77.5°	15.8	14.3	14.3	12.9	12.9	11.5	8.6	7.2	4.3	2.9	1.4
75°	15.8	15.8	15.8	14.3	14.3	12.9	11.5	8.6	7.2	4.3	2.9
72.5°	17.2	15.8	15.8	15.8	14.3	12.9	11.5	10.0	8.6	5.7	2.9
70°	15.8	15.8	15.8	15.8	14.3	14.3	11.5	10.0	10.0	5.7	4.3
67.5°	15.8	15.8	15.8	14.3	14.3	12.9	11.5	10.0	10.0	7.2	4.3
65°	17.2	15.8	15.8	15.8	14.3	12.9	11.5	10.0	10.0	8.6	5.7
62.5°	18.6	17.2	17.2	15.8	14.3	12.9	11.5	10.0	10.0	8.6	5.7
60°	20.1	18.6	17.2	17.2	15.8	14.3	11.5	11.5	10.0	8.6	5.7
57.5°	21.5	20.1	20.1	18.6	17.2	15.8	12.9	11.5	10.0	8.6	7.2
55°	25.8	22.9	21.5	21.5	20.1	17.2	14.3	11.5	10.0	8.6	7.2
52.5°	34.4	27.2	24.4	24.4	22.9	20.1	15.8	12.9	10.0	8.6	7.2
50°	54.5	34.4	28.7	25.8	25.8	22.9	18.6	14.3	10.0	8.6	7.2
47.5°	86.0	57.3	34.4	30.1	28.7	27.2	21.5	14.3	11.5	8.6	7.2
45°	141.9	84.6	55.9	35.8	30.1	28.7	24.4	15.8	11.5	10.0	7.2
42.5°	194.9	131.9	86.0	43.0	35.8	31.5	25.8	17.2	12.9	10.0	7.2
40°	306.8	180.6	120.4	70.2	41.6	33.0	28.7	20.1	12.9	10.0	7.2
37.5°	415.7	239.4	162.0	103.2	47.3	37.3	30.1	21.5	14.3	10.0	8.6
35°	524.6	335.4	200.7	137.6	63.1	44.4	31.5	22.9	14.3	10.0	8.6
32.5°	622.1	425.7	240.8	172.0	94.6	53.0	34.4	24.4	15.8	11.5	8.6
30°	702.4	508.9	312.5	202.1	123.3	64.5	37.3	24.4	17.2	11.5	8.6
27.5°	762.6	573.4	385.6	233.7	147.6	76.0	43.0	27.2	17.2	11.5	8.6
25°	811.3	623.6	450.1	266.6	169.1	94.6	51.6	28.7	18.6	12.9	8.6
22.5°	850.0	665.1	503.1	311.1	194.9	113.2	63.1	31.5	18.6	12.9	8.6
20°	903.1	706.7	539.0	358.4	222.2	130.4	73.1	34.4	18.6	12.9	10.0
17.5°	948.9	748.3	567.6	398.5	249.4	143.3	84.6	37.3	20.1	12.9	10.0
15°	1002.0	788.4	593.4	430.0	275.2	154.8	94.6	40.1	20.1	14.3	10.0
12.5°	1059.3	825.7	612.1	455.8	302.5	164.8	103.2	45.9	21.5	14.3	10.0
10°	1118.1	857.2	627.9	474.5	322.5	174.9	108.9	51.6	22.9	14.3	10.0
7.5°	1176.9	885.9	647.9	483.1	331.1	186.3	111.8	57.3	22.9	15.8	10.0
5°	1217.0	904.5	676.6	488.8	335.4	199.2	116.1	64.5	24.4	15.8	10.0
2.5°	1251.4	916.0	706.7	493.1	336.9	206.4	114.7	68.8	25.8	15.8	10.0
0°	1267.2	916.0	726.8	490.2	332.6	213.6	114.7	73.1	25.8	15.8	10.0
-2.5°	1242.8	941.8	721.0	491.7	334.0	213.6	120.4	74.5	28.7	17.2	10.0
-5°	1204.1	951.8	703.8	484.5	331.1	213.6	127.6	76.0	30.1	17.2	11.5
-7.5°	1166.8	956.1	683.8	477.3	326.8	207.9	129.0	74.5	33.0	18.6	11.5
-10°	1118.1	908.8	658.0	464.4	318.2	203.5	131.9	74.5	34.4	18.6	11.5
-12.5°	1062.2	851.5	626.4	445.8	308.2	199.2	133.3	74.5	35.8	20.1	11.5
-15°	997.7	792.7	590.6	425.7	293.9	193.5	130.4	73.1	37.3	20.1	12.9
-17.5°	924.6	735.4	553.3	401.4	278.1	186.3	124.7	71.7	37.3	20.1	12.9
-20°	841.4	678.0	511.7	377.0	259.5	177.7	119.0	68.8	37.3	20.1	12.9

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CATALOG NUMBER: IFLD-S-SA3A-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	766.9	625.0	468.7	349.8	239.4	167.7	111.8	65.9	37.3	21.5	12.9
-25°	705.3	573.4	435.8	322.5	217.9	156.2	104.6	63.1	37.3	21.5	12.9
-27.5°	640.8	517.5	401.4	296.7	203.5	146.2	97.5	60.2	35.8	21.5	12.9
-30°	574.8	463.0	365.5	268.1	189.2	136.2	91.7	55.9	35.8	21.5	12.9
-32.5°	514.6	418.6	332.6	239.4	173.4	126.1	86.0	54.5	34.4	21.5	12.9
-35°	455.8	378.4	298.2	216.5	156.2	116.1	80.3	53.0	34.4	21.5	12.9
-37.5°	407.1	341.2	266.6	200.7	146.2	107.5	74.5	50.2	33.0	21.5	12.9
-40°	367.0	306.8	236.5	183.5	137.6	98.9	68.8	48.7	33.0	21.5	12.9
-42.5°	329.7	273.8	217.9	169.1	129.0	93.2	64.5	47.3	31.5	21.5	12.9
-45°	296.7	245.1	199.2	156.2	119.0	86.0	61.6	44.4	30.1	21.5	14.3
-47.5°	263.8	225.1	182.0	144.8	108.9	77.4	58.8	43.0	28.7	20.1	14.3
-50°	238.0	203.5	167.7	131.9	98.9	74.5	55.9	40.1	28.7	20.1	14.3
-52.5°	215.0	183.5	151.9	119.0	90.3	70.2	53.0	37.3	27.2	20.1	14.3
-55°	193.5	164.8	136.2	106.1	84.6	65.9	48.7	34.4	27.2	20.1	14.3
-57.5°	172.0	147.6	120.4	96.0	77.4	61.6	45.9	34.4	27.2	20.1	14.3
-60°	154.8	131.9	108.9	88.9	71.7	55.9	41.6	33.0	25.8	20.1	14.3
-62.5°	140.5	119.0	98.9	80.3	65.9	50.2	40.1	33.0	25.8	20.1	12.9
-65°	126.1	107.5	88.9	73.1	58.8	47.3	38.7	31.5	25.8	20.1	12.9
-67.5°	111.8	94.6	80.3	64.5	54.5	45.9	37.3	31.5	24.4	18.6	12.9
-70°	97.5	83.1	70.2	60.2	51.6	43.0	35.8	30.1	24.4	17.2	11.5
-72.5°	86.0	73.1	63.1	55.9	48.7	41.6	34.4	28.7	22.9	15.8	10.0
-75°	73.1	64.5	57.3	50.2	44.4	38.7	33.0	25.8	20.1	14.3	10.0
-77.5°	61.6	55.9	50.2	45.9	40.1	34.4	28.7	22.9	18.6	12.9	8.6
-80°	53.0	48.7	44.4	40.1	35.8	30.1	25.8	20.1	15.8	11.5	7.2
-82.5°	43.0	40.1	35.8	33.0	30.1	25.8	21.5	17.2	11.5	8.6	5.7
-85°	33.0	30.1	28.7	25.8	22.9	18.6	14.3	11.5	8.6	5.7	2.9
-87.5°	17.2	15.8	14.3	12.9	11.5	8.6	7.2	5.7	4.3	2.9	1.4
-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-SA3A-930-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°	1.4	0.0	0.0	0.0
77.5°	1.4	0.0	0.0	0.0
75°	1.4	1.4	0.0	0.0
72.5°	1.4	1.4	0.0	0.0
70°	1.4	1.4	0.0	0.0
67.5°	2.9	1.4	0.0	0.0
65°	2.9	1.4	0.0	0.0
62.5°	2.9	1.4	0.0	0.0
60°	2.9	1.4	0.0	0.0
57.5°	4.3	1.4	1.4	0.0
55°	4.3	1.4	1.4	0.0
52.5°	4.3	1.4	1.4	0.0
50°	4.3	2.9	1.4	0.0
47.5°	4.3	2.9	1.4	0.0
45°	4.3	2.9	1.4	0.0
42.5°	4.3	2.9	1.4	0.0
40°	5.7	2.9	1.4	0.0
37.5°	5.7	2.9	1.4	0.0
35°	5.7	2.9	1.4	0.0
32.5°	5.7	2.9	1.4	0.0
30°	5.7	2.9	1.4	0.0
27.5°	5.7	4.3	1.4	0.0
25°	5.7	4.3	1.4	0.0
22.5°	7.2	4.3	1.4	0.0
20°	7.2	4.3	1.4	0.0
17.5°	7.2	4.3	1.4	0.0
15°	7.2	4.3	1.4	0.0
12.5°	7.2	4.3	1.4	0.0
10°	7.2	4.3	1.4	0.0
7.5°	7.2	4.3	1.4	0.0
5°	7.2	4.3	1.4	0.0
2.5°	7.2	4.3	1.4	0.0
0°	7.2	4.3	1.4	0.0
-2.5°	7.2	4.3	1.4	0.0
-5°	7.2	4.3	1.4	0.0
-7.5°	7.2	4.3	1.4	0.0
-10°	7.2	4.3	1.4	0.0
-12.5°	8.6	4.3	1.4	0.0
-15°	8.6	4.3	1.4	0.0
-17.5°	8.6	4.3	1.4	0.0
-20°	8.6	4.3	1.4	0.0

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CATALOG NUMBER: IFLD-S-SA3A-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.6	4.3	1.4	0.0
-25°	8.6	4.3	1.4	0.0
-27.5°	8.6	4.3	1.4	0.0
-30°	8.6	4.3	1.4	0.0
-32.5°	8.6	4.3	1.4	0.0
-35°	8.6	4.3	1.4	0.0
-37.5°	8.6	4.3	1.4	0.0
-40°	8.6	4.3	1.4	0.0
-42.5°	7.2	4.3	1.4	0.0
-45°	8.6	4.3	1.4	0.0
-47.5°	8.6	4.3	1.4	0.0
-50°	8.6	4.3	1.4	0.0
-52.5°	8.6	4.3	1.4	0.0
-55°	8.6	4.3	1.4	0.0
-57.5°	8.6	4.3	1.4	0.0
-60°	8.6	4.3	1.4	0.0
-62.5°	7.2	4.3	1.4	0.0
-65°	7.2	2.9	1.4	0.0
-67.5°	7.2	2.9	1.4	0.0
-70°	7.2	2.9	1.4	0.0
-72.5°	5.7	2.9	1.4	0.0
-75°	5.7	2.9	1.4	0.0
-77.5°	4.3	1.4	0.0	0.0
-80°	4.3	1.4	0.0	0.0
-82.5°	2.9	1.4	0.0	0.0
-85°	1.4	1.4	0.0	0.0
-87.5°	1.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)