

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: P722139

Luminaire Tested: **IFLD-S-SA3B-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722139
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

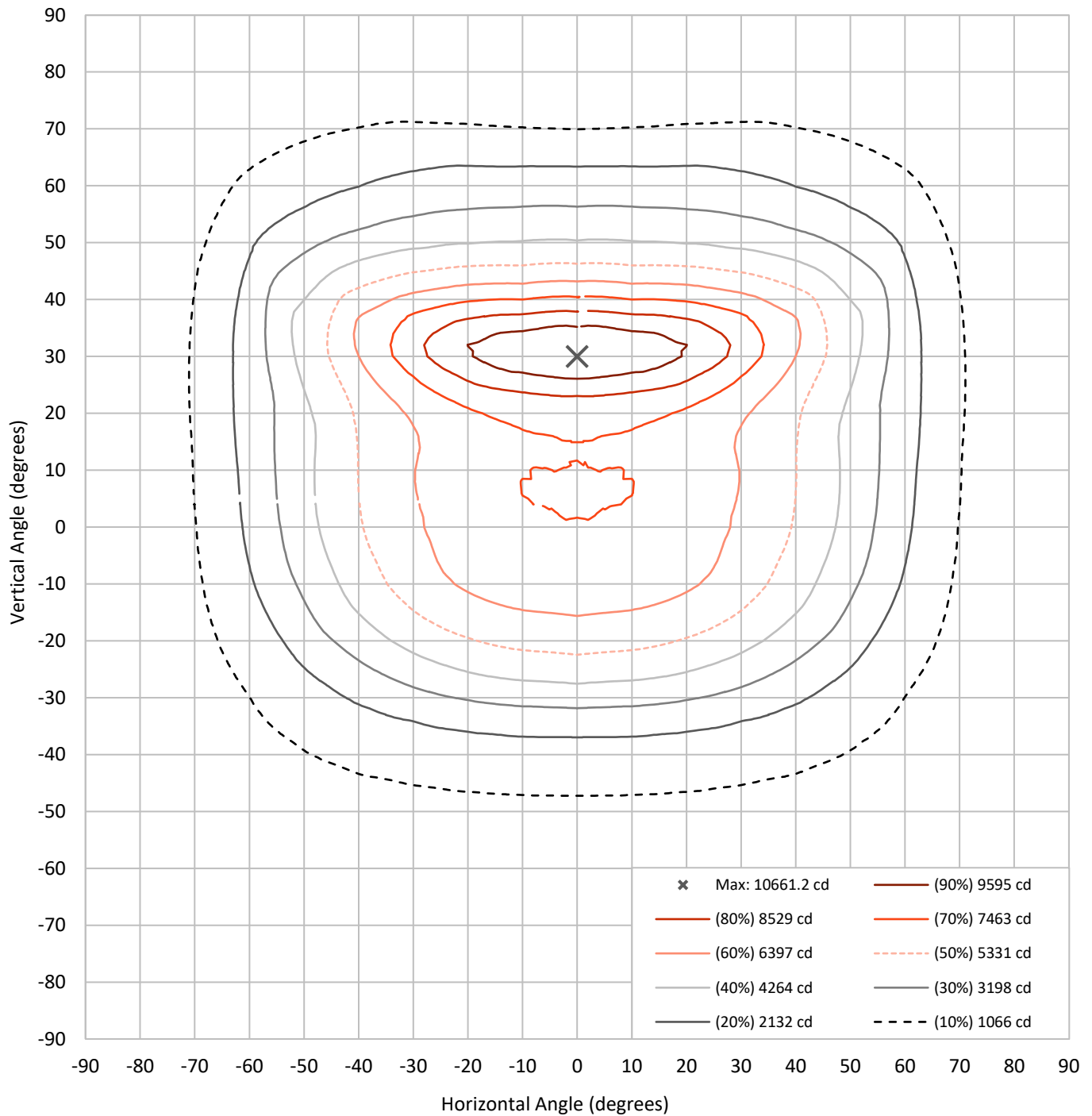
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17796.3 lumens	Max Intensity:	10661.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	145.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10348.7 lumens	Field Lumens:	16677.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



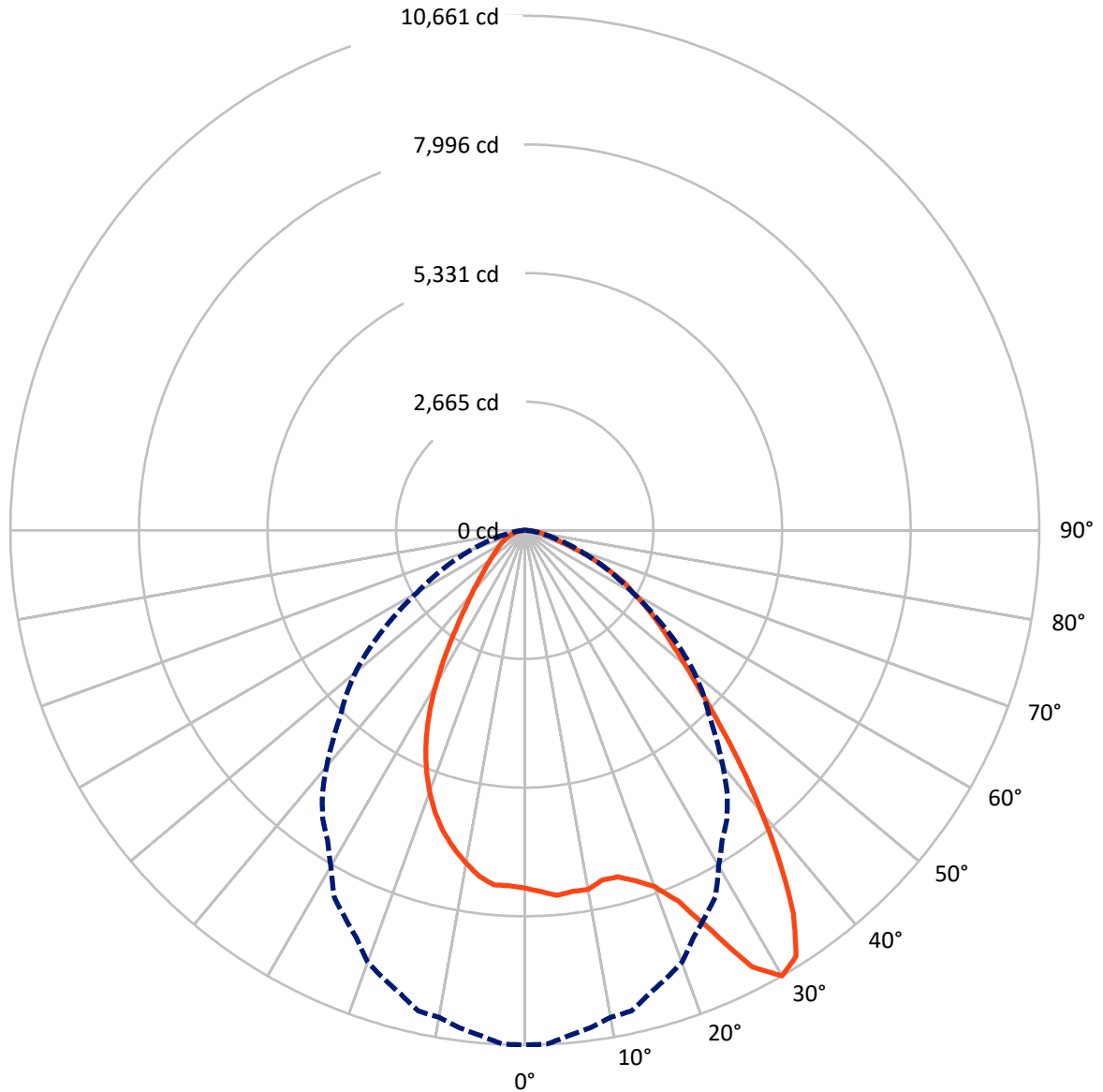
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Iso-Candela Plot



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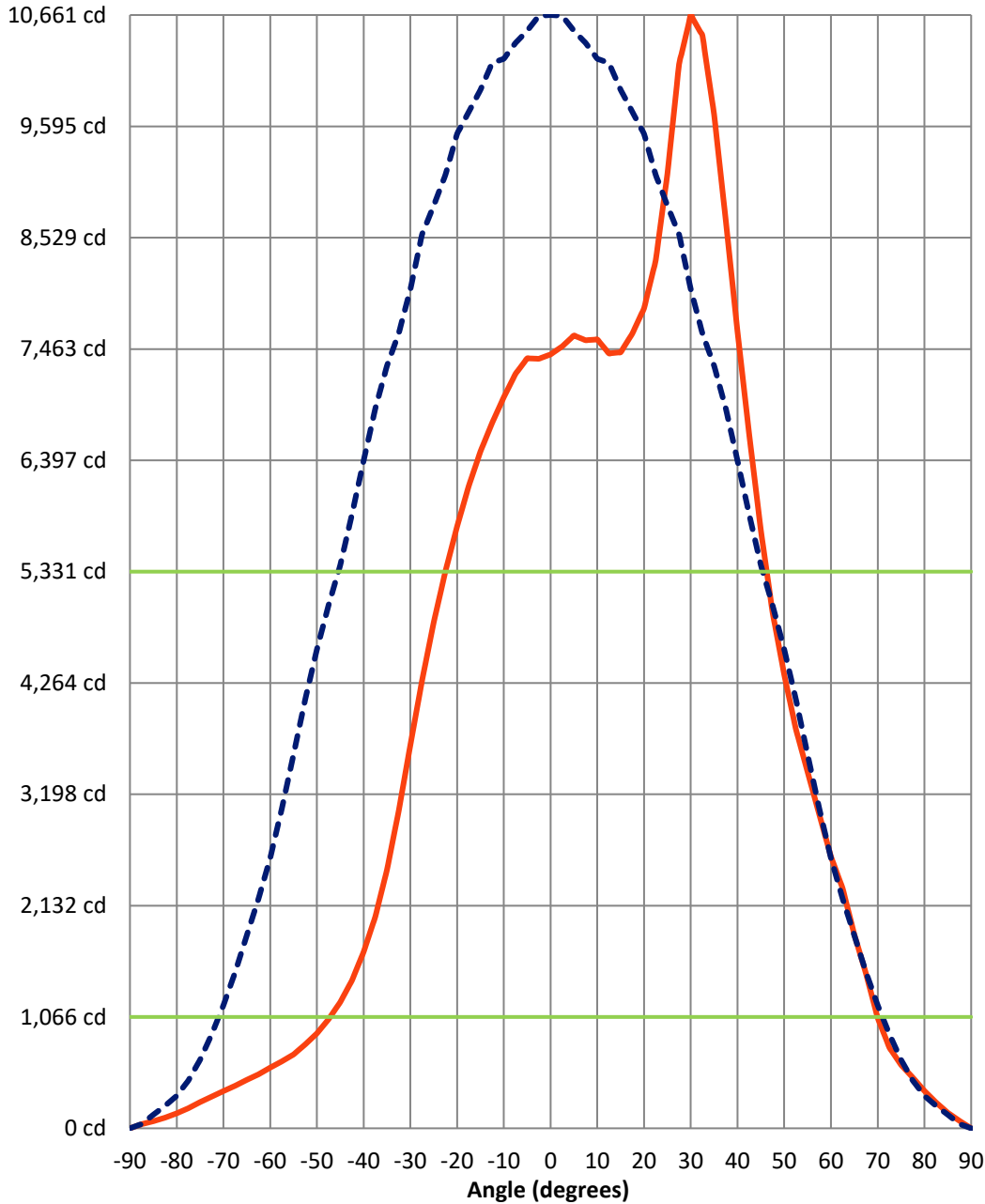
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 10348.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16677.4
 Efficiency: 93.7%

Spill:
 Lumens: 1118.9
 Efficiency: 6.3%

— 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°	71.6	73.5	75.4	75.4	73.5	73.5	73.5	71.6	73.5	73.5	73.5
85°	148.9	152.7	156.5	154.6	152.7	148.9	145.2	147.1	148.9	150.8	150.8
82.5°	247.0	252.6	256.4	254.5	250.7	247.0	243.2	245.1	248.9	250.7	250.7
80°	358.2	360.1	362.0	365.7	360.1	360.1	358.2	365.7	369.5	373.3	377.1
77.5°	486.4	488.3	488.3	490.2	492.1	493.9	493.9	507.1	516.6	522.2	527.9
75°	607.1	612.7	618.4	624.0	631.6	635.3	641.0	659.8	674.9	686.2	697.6
72.5°	773.0	780.5	789.9	803.1	816.3	825.8	838.9	861.6	878.5	889.9	903.0
70°	1057.6	1065.2	1074.6	1084.0	1097.2	1106.7	1119.9	1148.1	1165.1	1172.6	1180.2
67.5°	1479.9	1498.8	1515.8	1496.9	1487.5	1474.3	1478.1	1504.5	1521.4	1532.7	1530.8
65°	1855.1	1868.3	1868.3	1866.4	1858.9	1841.9	1851.3	1883.4	1902.2	1911.7	1883.4
62.5°	2296.3	2296.3	2286.8	2301.9	2303.8	2292.5	2286.8	2288.7	2290.6	2296.3	2249.1
60°	2601.7	2620.5	2626.2	2639.4	2643.2	2643.2	2652.6	2660.1	2660.1	2648.8	2594.1
57.5°	3005.1	3041.0	3048.5	3039.1	3020.2	2995.7	2991.9	2980.6	2958.0	2935.4	2909.0
55°	3412.3	3431.2	3429.3	3423.7	3404.8	3376.5	3380.3	3365.2	3329.4	3301.1	3265.3
52.5°	3821.5	3866.7	3874.2	3862.9	3836.5	3806.4	3808.3	3791.3	3755.5	3725.3	3676.3
50°	4343.7	4381.4	4377.6	4358.8	4321.1	4298.4	4300.3	4268.3	4226.8	4217.4	4153.3
47.5°	4941.3	4984.7	4977.1	4950.7	4899.8	4890.4	4899.8	4858.4	4833.8	4813.1	4737.7
45°	5725.6	5776.5	5748.2	5697.3	5616.2	5625.7	5638.9	5631.3	5578.5	5523.9	5427.7
42.5°	6645.6	6677.6	6643.7	6592.8	6491.0	6509.9	6502.3	6457.1	6425.0	6334.5	6212.0
40°	7629.7	7699.5	7646.7	7567.5	7461.9	7490.2	7469.5	7411.0	7335.6	7222.5	7067.9
37.5°	8691.1	8745.8	8685.5	8593.1	8498.8	8489.4	8447.9	8357.4	8250.0	8125.5	7878.6
35°	9707.3	9848.7	9737.5	9590.4	9475.4	9432.0	9392.4	9183.2	9060.6	8858.9	8521.4
32.5°	10463.3	10567.0	10429.3	10276.6	10137.1	10076.8	9937.3	9688.4	9622.4	9198.3	8889.1
30°	10661.2	10653.7	10510.4	10393.5	10242.7	10201.2	9944.8	9733.7	9522.5	9130.4	8836.3
27.5°	10189.9	10142.8	10005.2	9903.4	9754.4	9705.4	9452.8	9339.7	9013.5	8681.7	8432.8
25°	9139.8	9164.3	9060.6	9009.7	8911.7	8806.1	8706.2	8553.5	8349.9	8059.6	7831.4
22.5°	8312.2	8344.2	8300.9	8240.5	8165.1	8106.7	8031.3	7912.5	7716.4	7537.3	7322.4
20°	7852.2	7842.7	7805.0	7759.8	7688.2	7646.7	7563.7	7463.8	7313.0	7158.4	6926.5
17.5°	7610.9	7552.4	7516.6	7499.6	7461.9	7409.1	7311.1	7209.3	7092.4	6917.1	6747.4
15°	7431.8	7441.2	7412.9	7399.7	7369.5	7296.0	7196.1	7113.1	6954.8	6866.2	6711.6
12.5°	7420.4	7411.0	7412.9	7407.3	7369.5	7275.3	7224.4	7118.8	7017.0	6900.1	6722.9
10°	7554.3	7454.4	7461.9	7488.3	7428.0	7352.6	7297.9	7182.9	7086.8	6937.8	6762.5
7.5°	7546.8	7495.9	7510.9	7467.6	7486.4	7394.1	7318.6	7203.6	7083.0	6924.6	6766.3
5°	7592.0	7514.7	7501.5	7505.3	7458.2	7388.4	7286.6	7177.2	7064.1	6886.9	6724.8
2.5°	7488.3	7499.6	7439.3	7416.7	7411.0	7294.1	7199.9	7094.3	6977.4	6820.9	6675.8
0°	7411.0	7431.8	7369.5	7337.5	7335.6	7235.7	7175.4	7054.7	6971.8	6841.7	6666.3
-2.5°	7369.5	7394.1	7401.6	7343.2	7286.6	7209.3	7107.5	6977.4	6841.7	6690.8	6540.0
-5°	7373.3	7324.3	7303.6	7322.4	7273.4	7196.1	7083.0	6968.0	6834.1	6672.0	6483.5
-7.5°	7224.4	7175.4	7171.6	7162.2	7150.9	7077.3	6983.1	6858.6	6722.9	6572.1	6396.7
-10°	7001.9	6966.1	6956.7	6947.2	6917.1	6873.7	6785.1	6672.0	6549.4	6398.6	6212.0
-12.5°	6754.9	6738.0	6702.2	6677.6	6647.5	6596.6	6511.7	6408.1	6285.5	6151.7	5991.4
-15°	6481.6	6449.5	6413.7	6393.0	6349.6	6289.3	6204.4	6108.3	5974.4	5842.5	5691.6
-17.5°	6151.7	6112.1	6072.5	6066.8	6036.7	5944.3	5865.1	5748.2	5631.3	5505.0	5358.0
-20°	5763.3	5708.6	5682.2	5667.1	5625.7	5557.8	5473.0	5365.5	5252.4	5131.7	4962.0



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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°	5333.4	5286.3	5241.1	5212.8	5177.0	5124.2	5043.1	4948.8	4837.6	4701.9	4545.4
-25°	4845.2	4779.2	4750.9	4718.8	4700.0	4651.0	4571.8	4485.1	4370.1	4238.1	4089.2
-27.5°	4287.1	4234.3	4219.2	4174.0	4151.4	4100.5	4034.5	3953.4	3847.8	3723.4	3600.9
-30°	3670.6	3638.6	3614.1	3568.8	3551.9	3497.2	3453.8	3386.0	3289.8	3201.2	3103.2
-32.5°	3037.2	3005.1	2997.6	2976.9	2965.5	2929.7	2880.7	2831.7	2754.4	2688.4	2609.2
-35°	2475.4	2452.7	2454.6	2452.7	2441.4	2415.0	2354.7	2341.5	2285.0	2224.6	2173.7
-37.5°	2026.7	2028.6	2026.7	2024.8	2009.7	1998.4	1955.0	1938.1	1904.1	1845.7	1815.5
-40°	1689.2	1693.0	1691.1	1687.3	1670.4	1664.7	1636.4	1613.8	1600.6	1559.1	1527.1
-42.5°	1415.8	1421.5	1419.6	1417.7	1406.4	1404.5	1389.4	1363.1	1355.5	1331.0	1297.1
-45°	1208.5	1206.6	1202.8	1206.6	1200.9	1195.3	1185.8	1168.9	1159.4	1148.1	1119.9
-47.5°	1044.4	1046.3	1042.6	1042.6	1035.0	1029.4	1025.6	1014.3	1006.7	997.3	980.3
-50°	908.7	916.2	914.4	912.5	906.8	903.0	903.0	891.7	880.4	876.7	865.3
-52.5°	803.1	808.8	810.7	814.4	816.3	818.2	812.6	801.2	782.4	780.5	774.8
-55°	707.0	723.9	735.3	742.8	750.3	756.0	744.7	729.6	710.7	703.2	701.3
-57.5°	641.0	658.0	671.2	682.5	691.9	701.3	690.0	674.9	658.0	648.5	646.6
-60°	580.7	595.7	608.9	624.0	637.2	652.3	646.6	635.3	625.9	618.4	610.8
-62.5°	516.6	531.6	546.7	565.6	582.6	597.6	599.5	597.6	595.7	597.6	584.4
-65°	463.8	471.3	480.7	501.5	520.3	537.3	546.7	552.4	561.8	571.2	558.0
-67.5°	407.2	416.6	428.0	443.0	458.1	469.4	482.6	497.7	512.8	527.9	518.5
-70°	356.3	363.9	373.3	380.8	390.3	397.8	409.1	426.1	443.0	458.1	454.4
-72.5°	303.5	311.1	316.7	320.5	326.2	329.9	335.6	350.7	362.0	369.5	369.5
-75°	250.7	258.3	263.9	265.8	269.6	271.5	275.3	280.9	286.6	288.4	290.3
-77.5°	192.3	199.8	205.5	209.3	213.0	216.8	218.7	222.5	224.3	224.3	226.2
-80°	143.3	148.9	152.7	158.4	160.2	164.0	167.8	169.7	171.6	171.6	173.4
-82.5°	101.8	105.6	109.3	113.1	116.9	118.8	122.5	124.4	126.3	128.2	130.1
-85°	67.9	71.6	75.4	79.2	81.1	83.0	84.8	86.7	88.6	90.5	92.4
-87.5°	39.6	41.5	43.4	47.1	49.0	52.8	54.7	52.8	54.7	54.7	54.7
-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°	73.5	73.5	73.5	73.5	71.6	67.9	66.0	62.2	58.4	54.7	50.9
85°	152.7	154.6	154.6	154.6	150.8	148.9	143.3	137.6	130.1	118.8	109.3
82.5°	254.5	256.4	256.4	254.5	250.7	245.1	237.5	228.1	213.0	198.0	184.8
80°	382.7	384.6	384.6	382.7	373.3	363.9	354.4	343.1	324.3	303.5	280.9
77.5°	535.4	539.2	539.2	533.5	520.3	509.0	493.9	475.1	446.8	416.6	386.5
75°	712.6	722.1	723.9	718.3	701.3	680.6	656.1	624.0	580.7	543.0	507.1
72.5°	918.1	927.6	935.1	927.6	903.0	874.8	838.9	801.2	757.9	707.0	646.6
70°	1187.7	1197.2	1202.8	1178.3	1134.9	1087.8	1044.4	1001.1	950.2	888.0	822.0
67.5°	1527.1	1517.6	1506.3	1457.3	1402.6	1346.1	1285.8	1221.7	1155.7	1089.7	1012.4
65°	1853.2	1826.8	1802.3	1743.9	1674.1	1600.6	1530.8	1459.2	1380.0	1297.1	1223.5
62.5°	2196.3	2139.8	2079.5	2007.8	1936.2	1855.1	1785.4	1700.5	1611.9	1510.1	1415.8
60°	2533.8	2465.9	2405.6	2317.0	2222.7	2113.4	2038.0	1955.0	1851.3	1742.0	1630.8
57.5°	2860.0	2786.4	2720.5	2643.2	2541.4	2422.6	2339.6	2232.2	2122.8	1985.2	1872.1
55°	3206.9	3133.3	3080.5	2993.8	2882.6	2773.2	2682.7	2569.6	2416.9	2269.9	2130.4
52.5°	3604.6	3546.2	3489.6	3401.0	3267.2	3156.0	3056.0	2929.7	2769.5	2588.5	2420.7
50°	4049.6	4019.4	3959.1	3855.4	3702.7	3604.6	3472.7	3304.9	3133.3	2942.9	2733.7
47.5°	4639.7	4590.6	4505.8	4392.7	4264.5	4117.4	3940.2	3744.2	3501.0	3289.8	3067.3
45°	5344.8	5254.3	5144.9	4992.2	4833.8	4667.9	4473.8	4224.9	3898.8	3623.5	3389.7
42.5°	6108.3	5985.8	5836.8	5637.0	5431.5	5227.9	5018.6	4679.3	4272.0	3955.3	3691.4
40°	6905.8	6749.3	6562.6	6272.3	6044.2	5782.1	5542.7	5035.6	4602.0	4258.8	3977.9
37.5°	7686.3	7488.3	7175.4	6822.8	6557.0	6342.1	5816.1	5273.1	4884.8	4507.7	4223.0
35°	8283.9	8116.1	7563.7	7198.0	6969.9	6630.5	5972.6	5416.4	5005.4	4692.5	4249.4
32.5°	8638.3	8204.7	7720.2	7350.7	7162.2	6606.0	5983.9	5457.9	5062.0	4711.3	4181.5
30°	8559.2	8035.0	7610.9	7301.7	6892.6	6393.0	5878.3	5393.8	5009.2	4585.0	4106.1
27.5°	8082.2	7676.8	7297.9	6975.5	6574.0	6125.3	5650.2	5224.1	4865.9	4454.9	4002.4
25°	7543.0	7175.4	6894.5	6613.5	6232.7	5804.8	5386.2	5078.9	4718.8	4313.5	3866.7
22.5°	7047.2	6783.2	6562.6	6268.5	5897.1	5523.9	5263.7	4945.1	4575.6	4164.6	3727.2
20°	6730.4	6551.3	6298.7	5974.4	5682.2	5448.4	5160.0	4822.5	4441.7	4011.9	3608.4
17.5°	6577.7	6370.3	6089.4	5878.3	5653.9	5397.5	5075.2	4717.0	4311.6	3942.1	3621.6
15°	6498.5	6279.9	6095.1	5887.7	5635.1	5365.5	5007.3	4635.9	4311.6	3970.4	3631.0
12.5°	6515.5	6327.0	6125.3	5899.0	5627.5	5339.1	5014.8	4669.8	4334.2	3991.1	3632.9
10°	6568.3	6370.3	6155.4	5904.7	5631.3	5346.6	5035.6	4690.6	4345.6	4000.6	3629.2
7.5°	6587.2	6372.2	6142.2	5889.6	5621.9	5342.9	5039.3	4696.2	4347.4	3998.7	3617.8
5°	6528.7	6334.5	6112.1	5857.6	5595.5	5324.0	5024.3	4688.7	4332.4	3979.8	3589.6
2.5°	6449.5	6293.1	6080.0	5834.9	5569.1	5297.6	4999.8	4654.7	4298.4	3945.9	3553.7
0°	6436.3	6242.1	6027.2	5808.5	5525.7	5239.2	4943.2	4590.6	4236.2	3881.8	3491.5
-2.5°	6349.6	6144.1	5929.2	5691.6	5442.8	5154.3	4843.3	4498.3	4147.6	3798.8	3423.7
-5°	6283.6	6055.5	5827.4	5571.0	5320.2	5031.8	4709.4	4373.8	4030.7	3691.4	3329.4
-7.5°	6195.0	5961.2	5721.8	5454.1	5182.6	4888.5	4569.9	4234.3	3896.9	3559.4	3212.5
-10°	6015.9	5810.4	5586.1	5308.9	5022.4	4728.3	4411.5	4081.6	3744.2	3402.9	3054.1
-12.5°	5799.1	5582.3	5337.2	5082.7	4826.3	4552.9	4236.2	3911.9	3572.6	3229.5	2882.6
-15°	5518.2	5305.2	5054.4	4805.6	4558.6	4296.5	4017.5	3725.3	3380.3	3042.8	2695.9
-17.5°	5167.5	4967.7	4743.4	4505.8	4260.7	3996.8	3725.3	3478.3	3156.0	2839.2	2496.1
-20°	4790.5	4603.8	4402.1	4177.8	3932.7	3674.4	3418.0	3159.7	2880.7	2601.7	2283.1



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 CATALOG NUMBER: IFLD-S-SA3B-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4398.3	4209.8	4006.2	3796.9	3570.7	3331.3	3093.7	2846.8	2601.7	2349.1	2079.5
-25°	3945.9	3780.0	3593.3	3389.7	3188.0	2978.7	2752.5	2528.2	2318.9	2100.2	1879.6
-27.5°	3472.7	3320.0	3150.3	2973.1	2799.6	2624.3	2428.2	2220.9	2047.4	1866.4	1683.6
-30°	2975.0	2852.4	2714.8	2560.2	2426.4	2285.0	2120.9	1949.4	1791.0	1653.4	1506.3
-32.5°	2503.6	2400.0	2301.9	2200.1	2068.1	1958.8	1845.7	1719.4	1579.9	1449.8	1344.2
-35°	2098.3	1987.1	1945.6	1870.2	1775.9	1679.8	1596.8	1506.3	1400.8	1285.8	1199.0
-37.5°	1757.1	1691.1	1632.6	1591.2	1529.0	1451.7	1385.7	1319.7	1238.6	1151.9	1065.2
-40°	1491.3	1446.0	1381.9	1361.2	1321.6	1268.8	1200.9	1150.0	1095.3	1029.4	955.8
-42.5°	1278.2	1244.3	1202.8	1167.0	1150.0	1112.3	1059.5	1010.5	967.1	921.9	865.3
-45°	1102.9	1080.3	1053.9	1021.8	1008.6	978.5	940.8	886.1	861.6	823.9	782.4
-47.5°	961.5	950.2	931.3	910.6	891.7	869.1	835.2	801.2	767.3	742.8	710.7
-50°	850.3	842.7	831.4	814.4	789.9	774.8	752.2	722.1	690.0	669.3	646.6
-52.5°	761.7	754.1	746.6	733.4	714.5	699.4	680.6	656.1	629.7	608.9	590.1
-55°	693.8	682.5	676.8	665.5	650.4	633.5	616.5	599.5	576.9	558.0	539.2
-57.5°	641.0	625.9	618.4	608.9	593.9	576.9	563.7	546.7	531.6	510.9	493.9
-60°	599.5	582.6	567.5	558.0	544.8	527.9	514.7	501.5	486.4	469.4	448.7
-62.5°	565.6	544.8	524.1	512.8	499.6	484.5	471.3	458.1	443.0	426.1	407.2
-65°	533.5	509.0	482.6	471.3	458.1	443.0	426.1	416.6	403.4	388.4	369.5
-67.5°	493.9	467.5	444.9	431.7	418.5	405.3	390.3	380.8	367.6	348.8	329.9
-70°	435.5	418.5	403.4	392.1	380.8	369.5	354.4	339.3	324.3	307.3	290.3
-72.5°	362.0	356.3	354.4	348.8	335.6	322.4	307.3	292.2	279.0	265.8	252.6
-75°	292.2	296.0	299.8	297.9	284.7	271.5	258.3	245.1	235.7	224.3	213.0
-77.5°	231.9	235.7	239.4	239.4	230.0	222.5	213.0	203.6	196.1	186.6	175.3
-80°	179.1	184.8	190.4	194.2	186.6	181.0	173.4	165.9	158.4	150.8	143.3
-82.5°	135.7	141.4	147.1	150.8	145.2	141.4	135.7	130.1	124.4	116.9	111.2
-85°	98.0	101.8	105.6	107.5	103.7	99.9	96.1	92.4	88.6	83.0	79.2
-87.5°	56.6	58.4	60.3	62.2	58.4	54.7	52.8	49.0	47.1	43.4	41.5
-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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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°	47.1	43.4	39.6	37.7	33.9	28.3	24.5	20.7	17.0	13.2	11.3
85°	99.9	90.5	79.2	73.5	66.0	58.4	50.9	43.4	35.8	28.3	20.7
82.5°	171.6	160.2	148.9	135.7	118.8	98.0	77.3	64.1	52.8	41.5	32.0
80°	258.3	237.5	218.7	201.7	182.9	156.5	128.2	101.8	71.6	54.7	41.5
77.5°	358.2	333.7	307.3	279.0	248.9	213.0	181.0	147.1	111.2	75.4	52.8
75°	471.3	439.3	403.4	363.9	324.3	277.1	231.9	192.3	150.8	105.6	64.1
72.5°	597.6	558.0	514.7	461.9	399.7	345.0	290.3	237.5	188.5	133.9	86.7
70°	759.8	697.6	633.5	576.9	497.7	411.0	346.9	286.6	224.3	164.0	109.3
67.5°	933.2	857.8	780.5	697.6	597.6	495.8	403.4	335.6	262.1	192.3	130.1
65°	1121.7	1027.5	929.4	837.1	699.4	578.8	475.1	382.7	297.9	218.7	150.8
62.5°	1315.9	1204.7	1091.6	970.9	812.6	663.6	543.0	435.5	331.8	243.2	169.7
60°	1523.3	1393.2	1255.6	1104.8	920.0	756.0	607.1	490.2	367.6	267.7	190.4
57.5°	1742.0	1600.6	1438.5	1234.9	1031.2	844.6	680.6	539.2	399.7	290.3	205.5
55°	1979.5	1817.4	1640.2	1370.6	1140.6	933.2	754.1	588.2	433.6	309.2	220.6
52.5°	2235.9	2047.4	1823.1	1513.9	1255.6	1023.7	822.0	631.6	465.7	329.9	233.8
50°	2522.5	2285.0	1983.3	1645.8	1355.5	1108.5	889.9	678.7	492.1	352.5	245.1
47.5°	2820.4	2564.0	2126.6	1768.4	1457.3	1191.5	959.6	720.2	518.5	371.4	256.4
45°	3131.4	2758.2	2275.5	1877.7	1545.9	1266.9	1012.4	757.9	550.5	388.4	265.8
42.5°	3438.7	2905.2	2405.6	1987.1	1628.9	1334.8	1055.8	793.7	576.9	405.3	275.3
40°	3583.9	3016.4	2509.3	2062.5	1698.6	1395.1	1093.5	825.8	599.5	416.6	284.7
37.5°	3644.2	3084.3	2577.2	2134.1	1753.3	1427.2	1125.5	854.0	618.4	428.0	292.2
35°	3657.4	3108.8	2611.1	2183.1	1798.6	1457.3	1150.0	874.8	633.5	439.3	299.8
32.5°	3632.9	3101.3	2620.5	2200.1	1826.8	1479.9	1167.0	889.9	644.8	450.6	307.3
30°	3578.3	3061.7	2586.6	2198.2	1847.6	1493.1	1178.3	901.2	656.1	458.1	311.1
27.5°	3489.6	2991.9	2543.2	2200.1	1858.9	1498.8	1184.0	906.8	663.6	463.8	318.6
25°	3380.3	2897.7	2545.1	2196.3	1860.8	1500.7	1184.0	906.8	665.5	465.7	324.3
22.5°	3254.0	2897.7	2545.1	2190.7	1849.5	1496.9	1178.3	903.0	665.5	469.4	329.9
20°	3261.5	2899.6	2539.5	2179.4	1832.5	1485.6	1165.1	893.6	659.8	475.1	333.7
17.5°	3267.2	2895.8	2528.2	2164.3	1809.9	1466.7	1148.1	880.4	659.8	480.7	335.6
15°	3267.2	2884.5	2511.2	2141.7	1781.6	1440.4	1123.6	869.1	661.7	482.6	339.3
12.5°	3261.5	2863.7	2484.8	2111.5	1747.7	1408.3	1108.5	865.3	661.7	484.5	339.3
10°	3250.2	2835.5	2450.9	2073.8	1715.6	1397.0	1101.0	857.8	658.0	484.5	339.3
7.5°	3229.5	2801.5	2422.6	2051.2	1696.7	1383.8	1089.7	846.5	652.3	480.7	343.1
5°	3197.4	2782.7	2400.0	2024.8	1670.4	1374.4	1082.1	837.1	648.5	480.7	339.3
2.5°	3156.0	2760.0	2373.6	1990.9	1640.2	1342.3	1057.6	816.3	635.3	473.2	335.6
0°	3088.1	2714.8	2328.3	1943.7	1598.7	1310.3	1033.1	795.6	622.1	465.7	331.8
-2.5°	3025.9	2654.5	2269.9	1894.7	1559.1	1282.0	1014.3	784.3	616.5	463.8	329.9
-5°	2939.1	2571.5	2192.6	1830.6	1506.3	1253.7	995.4	771.1	610.8	460.0	329.9
-7.5°	2843.0	2484.8	2111.5	1764.6	1453.5	1204.7	959.6	750.3	597.6	452.5	328.0
-10°	2694.1	2354.7	2009.7	1689.2	1397.0	1161.3	929.4	731.5	586.3	444.9	320.5
-12.5°	2535.7	2211.4	1892.8	1596.8	1332.9	1116.1	895.5	710.7	573.1	437.4	316.7
-15°	2367.9	2064.4	1770.3	1500.7	1263.1	1061.4	859.7	688.1	559.9	428.0	311.1
-17.5°	2192.6	1909.8	1644.0	1402.6	1193.4	1004.9	822.0	667.4	544.8	418.5	305.4
-20°	2007.8	1751.4	1515.8	1302.7	1119.9	948.3	782.4	642.9	527.9	407.2	297.9



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1824.9	1594.9	1383.8	1204.7	1044.4	889.9	742.8	618.4	509.0	394.0	292.2
-25°	1662.8	1447.9	1266.9	1110.4	970.9	833.3	701.3	593.9	488.3	380.8	284.7
-27.5°	1504.5	1321.6	1151.9	1021.8	899.3	778.6	661.7	567.5	467.5	365.7	277.1
-30°	1357.4	1200.9	1061.4	935.1	831.4	729.6	627.8	541.1	444.9	350.7	267.7
-32.5°	1223.5	1097.2	980.3	859.7	767.3	680.6	595.7	514.7	422.3	335.6	258.3
-35°	1099.1	1001.1	899.3	797.5	703.2	635.3	561.8	486.4	401.6	318.6	248.9
-37.5°	987.9	908.7	827.6	740.9	659.8	592.0	529.8	458.1	380.8	303.5	239.4
-40°	891.7	827.6	756.0	686.2	618.4	554.3	497.7	429.8	360.1	292.2	230.0
-42.5°	803.1	754.1	695.7	637.2	576.9	520.3	465.7	399.7	339.3	279.0	220.6
-45°	735.3	686.2	639.1	586.3	535.4	486.4	431.7	373.3	320.5	263.9	211.2
-47.5°	671.2	627.8	584.4	541.1	499.6	454.4	399.7	350.7	299.8	250.7	203.6
-50°	614.6	573.1	535.4	497.7	461.9	418.5	367.6	328.0	282.8	237.5	194.2
-52.5°	561.8	526.0	488.3	458.1	428.0	384.6	343.1	305.4	265.8	222.5	184.8
-55°	514.7	480.7	446.8	418.5	390.3	352.5	318.6	286.6	248.9	211.2	175.3
-57.5°	469.4	441.2	409.1	382.7	354.4	324.3	296.0	265.8	231.9	199.8	165.9
-60°	428.0	401.6	373.3	346.9	322.4	297.9	271.5	247.0	216.8	186.6	156.5
-62.5°	386.5	363.9	339.3	313.0	294.1	271.5	250.7	226.2	201.7	175.3	139.5
-65°	348.8	328.0	305.4	282.8	265.8	248.9	230.0	207.4	186.6	162.1	124.4
-67.5°	311.1	292.2	273.4	254.5	239.4	226.2	207.4	190.4	173.4	147.1	109.3
-70°	275.3	260.2	243.2	228.1	216.8	201.7	188.5	173.4	158.4	128.2	92.4
-72.5°	241.3	226.2	213.0	201.7	192.3	179.1	167.8	156.5	135.7	107.5	77.3
-75°	201.7	192.3	184.8	175.3	165.9	156.5	147.1	133.9	113.1	86.7	60.3
-77.5°	165.9	160.2	154.6	147.1	139.5	132.0	120.7	107.5	90.5	67.9	49.0
-80°	135.7	130.1	126.3	118.8	113.1	105.6	94.3	83.0	66.0	52.8	39.6
-82.5°	103.7	99.9	96.1	92.4	86.7	79.2	67.9	58.4	49.0	39.6	30.2
-85°	73.5	71.6	67.9	64.1	58.4	52.8	45.2	39.6	33.9	26.4	20.7
-87.5°	37.7	35.8	33.9	32.0	30.2	26.4	22.6	18.9	17.0	13.2	9.4
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.5	5.7	1.9	0.0
85°	15.1	9.4	3.8	0.0
82.5°	22.6	15.1	5.7	0.0
80°	30.2	18.9	9.4	0.0
77.5°	37.7	22.6	11.3	0.0
75°	45.2	28.3	13.2	0.0
72.5°	50.9	32.0	15.1	0.0
70°	60.3	37.7	17.0	0.0
67.5°	75.4	41.5	18.9	0.0
65°	88.6	45.2	20.7	0.0
62.5°	103.7	49.0	22.6	0.0
60°	116.9	52.8	24.5	0.0
57.5°	130.1	62.2	26.4	0.0
55°	141.4	69.8	28.3	0.0
52.5°	154.6	77.3	30.2	0.0
50°	165.9	84.8	32.0	0.0
47.5°	175.3	92.4	32.0	0.0
45°	182.9	98.0	33.9	0.0
42.5°	188.5	103.7	35.8	0.0
40°	194.2	109.3	37.7	0.0
37.5°	199.8	115.0	37.7	0.0
35°	205.5	120.7	39.6	0.0
32.5°	211.2	126.3	39.6	0.0
30°	214.9	130.1	41.5	0.0
27.5°	220.6	133.9	41.5	0.0
25°	222.5	137.6	43.4	0.0
22.5°	226.2	139.5	43.4	0.0
20°	230.0	143.3	43.4	0.0
17.5°	231.9	145.2	45.2	0.0
15°	231.9	147.1	47.1	0.0
12.5°	233.8	148.9	47.1	0.0
10°	233.8	152.7	45.2	0.0
7.5°	237.5	150.8	45.2	0.0
5°	235.7	150.8	45.2	0.0
2.5°	233.8	148.9	45.2	0.0
0°	231.9	148.9	45.2	0.0
-2.5°	231.9	148.9	45.2	0.0
-5°	231.9	148.9	45.2	0.0
-7.5°	230.0	150.8	45.2	0.0
-10°	226.2	150.8	45.2	0.0
-12.5°	224.3	145.2	45.2	0.0
-15°	222.5	143.3	45.2	0.0
-17.5°	218.7	141.4	43.4	0.0
-20°	214.9	139.5	43.4	0.0



REPORT NUMBER: P722139
 CATALOG NUMBER: IFLD-S-SA3B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	211.2	135.7	43.4	0.0
-25°	207.4	132.0	41.5	0.0
-27.5°	203.6	128.2	41.5	0.0
-30°	198.0	124.4	39.6	0.0
-32.5°	192.3	120.7	39.6	0.0
-35°	188.5	115.0	37.7	0.0
-37.5°	182.9	109.3	37.7	0.0
-40°	177.2	103.7	35.8	0.0
-42.5°	171.6	98.0	33.9	0.0
-45°	164.0	92.4	33.9	0.0
-47.5°	158.4	86.7	32.0	0.0
-50°	148.9	79.2	30.2	0.0
-52.5°	137.6	71.6	28.3	0.0
-55°	126.3	66.0	26.4	0.0
-57.5°	115.0	58.4	26.4	0.0
-60°	103.7	50.9	24.5	0.0
-62.5°	92.4	47.1	22.6	0.0
-65°	81.1	43.4	20.7	0.0
-67.5°	67.9	37.7	18.9	0.0
-70°	56.6	33.9	17.0	0.0
-72.5°	49.0	30.2	15.1	0.0
-75°	41.5	26.4	13.2	0.0
-77.5°	35.8	22.6	11.3	0.0
-80°	28.3	17.0	7.5	0.0
-82.5°	20.7	13.2	5.7	0.0
-85°	13.2	9.4	3.8	0.0
-87.5°	7.5	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)