

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: P722247

Luminaire Tested: **IFLD-L-SA8C-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722247
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

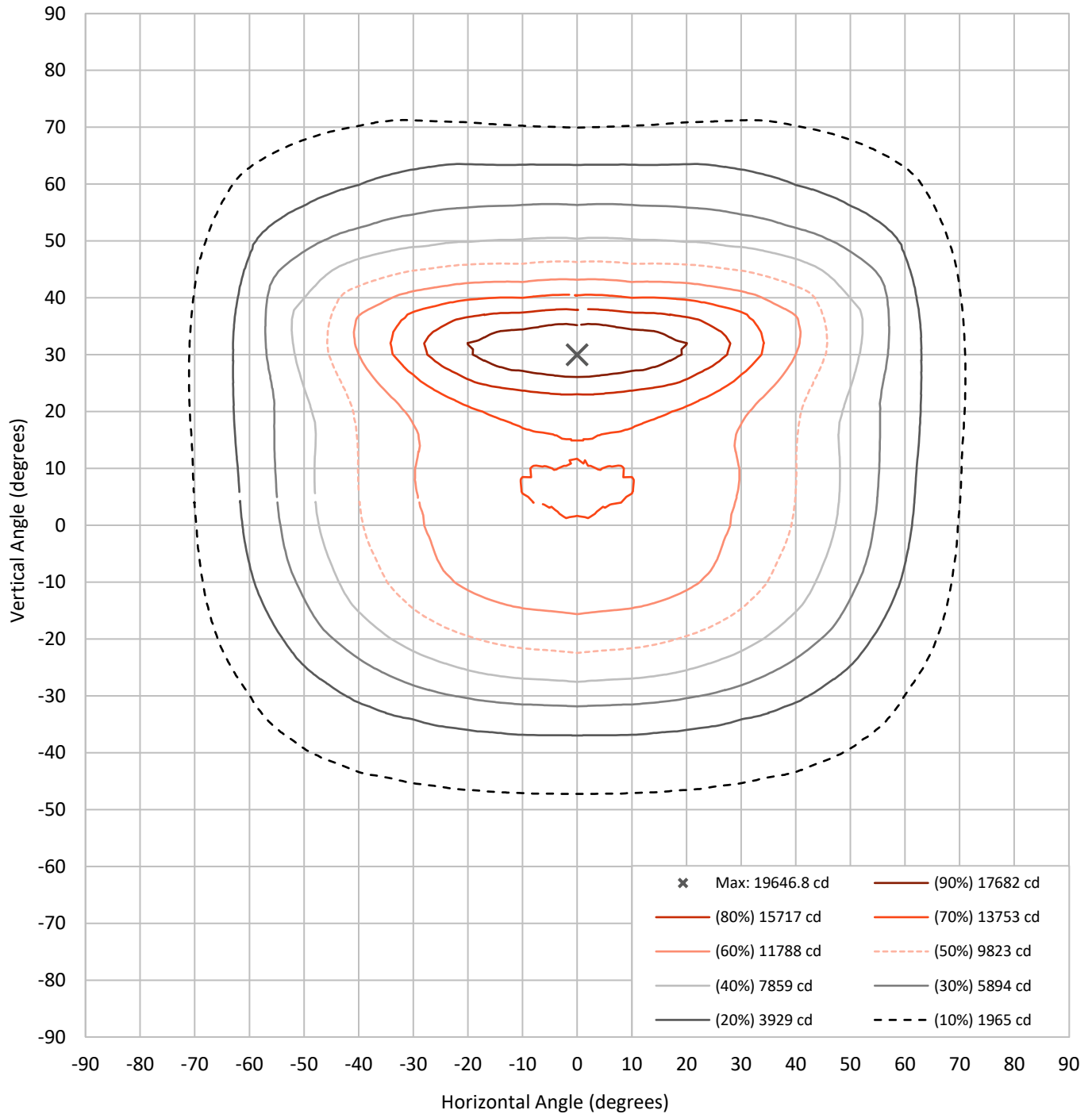
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	32795.5 lumens	Max Intensity:	19646.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19070.9 lumens	Field Lumens:	30733.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3
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



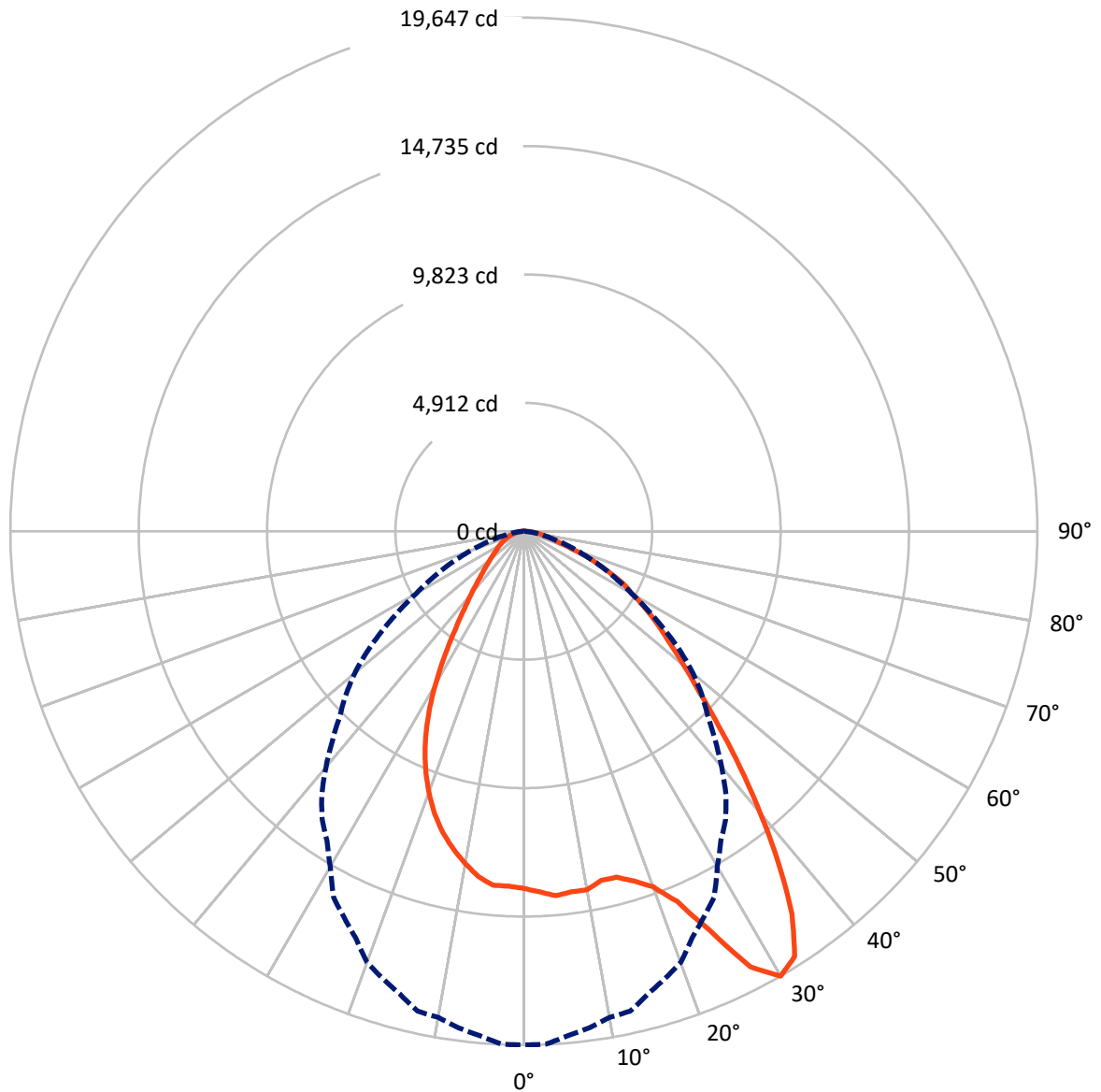
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Iso-Candela Plot



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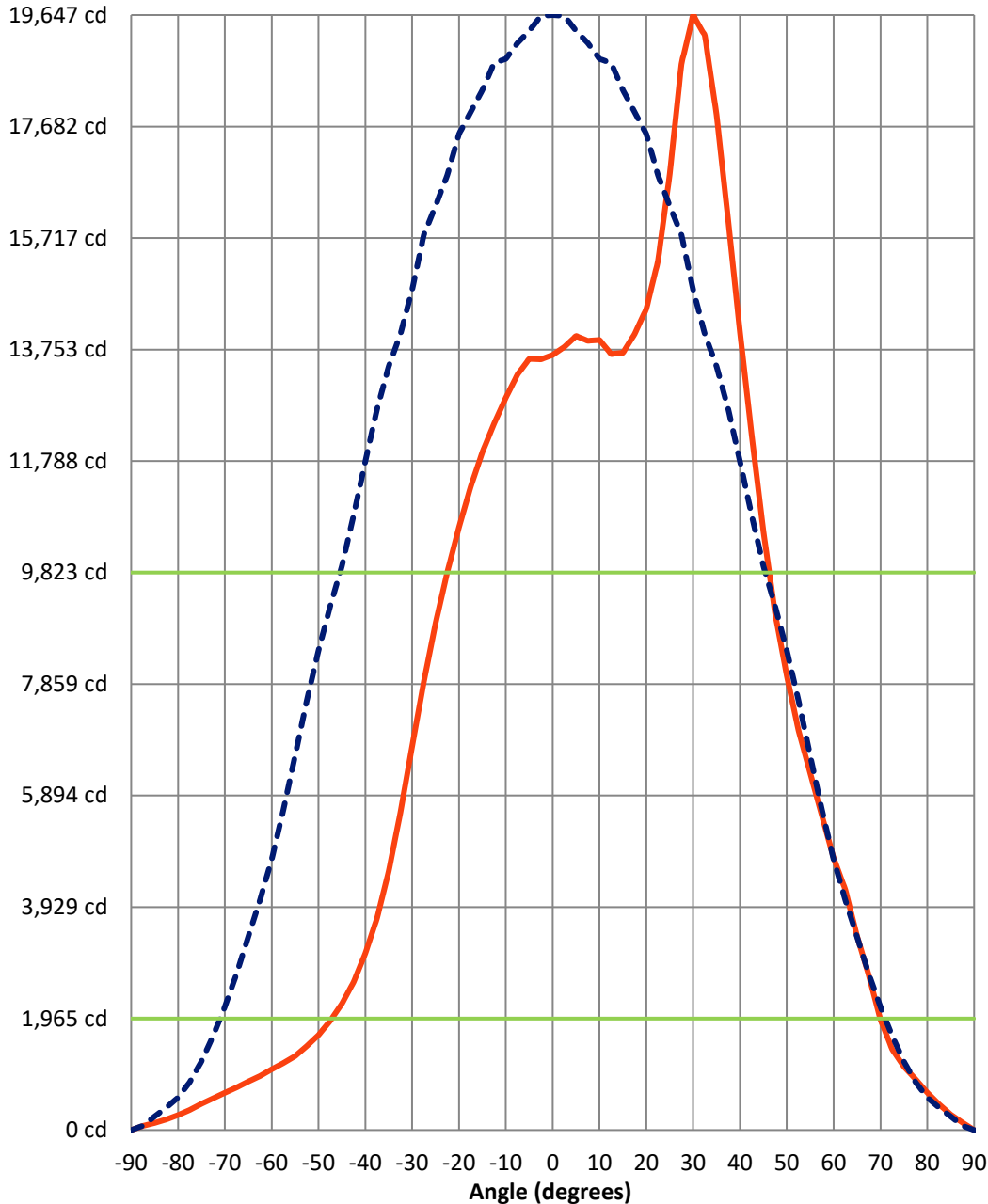
Luminous Intensity Polar Plot



— 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: 19070.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 30733.6
 Efficiency: 93.7%

Spill:
 Lumens: 2061.9
 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°	132.0	135.5	139.0	139.0	135.5	135.5	135.5	132.0	135.5	135.5	135.5
85°	274.5	281.4	288.4	284.9	281.4	274.5	267.5	271.0	274.5	277.9	277.9
82.5°	455.1	465.5	472.5	469.0	462.1	455.1	448.2	451.7	458.6	462.1	462.1
80°	660.1	663.6	667.1	674.0	663.6	663.6	660.1	674.0	681.0	687.9	694.8
77.5°	896.4	899.8	899.8	903.3	906.8	910.2	910.2	934.6	951.9	962.4	972.8
75°	1118.7	1129.1	1139.5	1150.0	1163.9	1170.8	1181.2	1216.0	1243.8	1264.6	1285.5
72.5°	1424.4	1438.3	1455.7	1480.0	1504.3	1521.7	1546.0	1587.7	1619.0	1639.8	1664.2
70°	1949.0	1962.9	1980.3	1997.7	2022.0	2039.4	2063.7	2115.8	2147.1	2161.0	2174.9
67.5°	2727.3	2762.0	2793.3	2758.5	2741.2	2716.9	2723.8	2772.4	2803.7	2824.6	2821.1
65°	3418.6	3443.0	3443.0	3439.5	3425.6	3394.3	3411.7	3470.8	3505.5	3522.9	3470.8
62.5°	4231.6	4231.6	4214.2	4242.0	4245.5	4224.7	4214.2	4217.7	4221.2	4231.6	4144.8
60°	4794.4	4829.2	4839.6	4863.9	4870.9	4870.9	4888.3	4902.1	4902.1	4881.3	4780.5
57.5°	5537.9	5603.9	5617.8	5600.5	5565.7	5520.6	5513.6	5492.8	5451.1	5409.4	5360.7
55°	6288.4	6323.1	6319.6	6309.2	6274.5	6222.4	6229.3	6201.5	6135.5	6083.4	6017.4
52.5°	7042.3	7125.7	7139.6	7118.7	7070.1	7014.5	7018.0	6986.7	6920.7	6865.1	6774.8
50°	8004.6	8074.1	8067.2	8032.4	7962.9	7921.3	7924.7	7865.7	7789.2	7771.9	7653.7
47.5°	9106.0	9185.9	9172.0	9123.3	9029.5	9012.2	9029.5	8953.1	8907.9	8869.7	8730.8
45°	10551.3	10645.1	10592.9	10499.1	10349.8	10367.1	10391.4	10377.5	10280.3	10179.5	10002.3
42.5°	12246.7	12305.7	12243.2	12149.4	11961.8	11996.5	11982.6	11899.3	11840.2	11673.4	11447.6
40°	14060.2	14188.8	14091.5	13945.6	13751.0	13803.1	13764.9	13657.2	13518.3	13309.8	13024.9
37.5°	16016.2	16117.0	16005.8	15835.6	15661.9	15644.5	15568.1	15401.3	15203.3	14974.0	14518.8
35°	17888.8	18149.4	17944.4	17673.4	17461.5	17381.6	17308.6	16923.0	16697.2	16325.4	15703.5
32.5°	19282.0	19473.1	19219.5	18938.1	18681.0	18569.8	18312.7	17854.1	17732.5	16950.8	16381.0
30°	19646.8	19632.9	19368.9	19153.5	18875.5	18799.1	18326.6	17937.5	17548.4	16825.7	16283.7
27.5°	18778.2	18691.4	18437.8	18250.2	17975.7	17885.4	17419.8	17211.4	16610.3	15998.9	15540.3
25°	16843.1	16888.3	16697.2	16603.4	16422.7	16228.2	16044.0	15762.6	15387.4	14852.4	14432.0
22.5°	15317.9	15377.0	15297.1	15185.9	15046.9	14939.2	14800.2	14581.4	14220.0	13890.0	13493.9
20°	14470.2	14452.8	14383.3	14300.0	14167.9	14091.5	13938.6	13754.5	13476.6	13191.7	12764.3
17.5°	14025.5	13917.8	13851.8	13820.5	13751.0	13653.7	13473.1	13285.5	13070.1	12747.0	12434.3
15°	13695.4	13712.8	13660.7	13636.4	13580.8	13445.3	13261.2	13108.3	12816.5	12653.2	12368.3
12.5°	13674.6	13657.2	13660.7	13650.3	13580.8	13407.1	13313.3	13118.7	12931.1	12715.7	12389.1
10°	13921.3	13737.1	13751.0	13799.7	13688.5	13549.5	13448.8	13236.8	13059.7	12785.2	12462.1
7.5°	13907.4	13813.6	13841.4	13761.5	13796.2	13626.0	13487.0	13275.1	13052.7	12760.9	12469.0
5°	13990.7	13848.3	13824.0	13830.9	13744.1	13615.5	13427.9	13226.4	13018.0	12691.4	12392.6
2.5°	13799.7	13820.5	13709.3	13667.6	13657.2	13441.8	13268.1	13073.6	12858.1	12569.8	12302.3
0°	13657.2	13695.4	13580.8	13521.7	13518.3	13334.1	13222.9	13000.6	12847.7	12608.0	12284.9
-2.5°	13580.8	13626.0	13639.9	13532.2	13427.9	13285.5	13097.9	12858.1	12608.0	12330.1	12052.1
-5°	13587.7	13497.4	13459.2	13493.9	13403.6	13261.2	13052.7	12840.8	12594.1	12295.3	11947.9
-7.5°	13313.3	13222.9	13216.0	13198.6	13177.8	13042.3	12868.6	12639.3	12389.1	12111.2	11788.1
-10°	12903.3	12837.3	12819.9	12802.6	12747.0	12667.1	12503.8	12295.3	12069.5	11791.6	11447.6
-12.5°	12448.2	12416.9	12350.9	12305.7	12250.2	12156.4	12000.0	11808.9	11583.1	11336.4	11041.1
-15°	11944.4	11885.4	11819.4	11781.1	11701.2	11590.1	11433.7	11256.5	11009.9	10766.7	10488.7
-17.5°	11336.4	11263.5	11190.5	11180.1	11124.5	10954.3	10808.3	10592.9	10377.5	10144.8	9873.8
-20°	10620.7	10520.0	10471.3	10443.6	10367.1	10242.0	10085.7	9887.7	9679.2	9456.9	9144.2



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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°	9828.6	9741.8	9658.4	9606.3	9540.3	9443.0	9293.6	9119.9	8914.9	8664.7	8376.4
-25°	8928.8	8807.2	8755.1	8696.0	8661.3	8570.9	8425.0	8265.2	8053.3	7810.1	7535.6
-27.5°	7900.4	7803.1	7775.3	7692.0	7650.3	7556.5	7434.9	7285.5	7090.9	6861.6	6635.8
-30°	6764.3	6705.3	6660.1	6576.7	6545.5	6444.7	6364.8	6239.7	6062.5	5899.3	5718.6
-32.5°	5597.0	5537.9	5524.0	5485.8	5465.0	5399.0	5308.6	5218.3	5075.9	4954.3	4808.3
-35°	4561.7	4520.0	4523.5	4520.0	4499.1	4450.5	4339.3	4315.0	4210.8	4099.6	4005.8
-37.5°	3734.8	3738.3	3734.8	3731.3	3703.5	3682.7	3602.8	3571.5	3509.0	3401.3	3345.7
-40°	3112.9	3119.9	3116.4	3109.4	3078.2	3067.8	3015.6	2973.9	2949.6	2873.2	2814.1
-42.5°	2609.2	2619.6	2616.1	2612.6	2591.8	2588.3	2560.5	2511.9	2498.0	2452.8	2390.3
-45°	2227.0	2223.5	2216.6	2223.5	2213.1	2202.7	2185.3	2154.0	2136.7	2115.8	2063.7
-47.5°	1924.7	1928.2	1921.3	1921.3	1907.4	1896.9	1890.0	1869.1	1855.2	1837.9	1806.6
-50°	1674.6	1688.5	1685.0	1681.5	1671.1	1664.2	1664.2	1643.3	1622.5	1615.5	1594.7
-52.5°	1480.0	1490.4	1493.9	1500.9	1504.3	1507.8	1497.4	1476.6	1441.8	1438.3	1427.9
-55°	1302.8	1334.1	1355.0	1368.8	1382.7	1393.2	1372.3	1344.5	1309.8	1295.9	1292.4
-57.5°	1181.2	1212.5	1236.8	1257.7	1275.0	1292.4	1271.6	1243.8	1212.5	1195.1	1191.7
-60°	1070.1	1097.9	1122.2	1150.0	1174.3	1202.1	1191.7	1170.8	1153.4	1139.5	1125.7
-62.5°	951.9	979.7	1007.5	1042.3	1073.5	1101.3	1104.8	1101.3	1097.9	1101.3	1077.0
-65°	854.7	868.6	885.9	924.1	958.9	990.2	1007.5	1018.0	1035.3	1052.7	1028.4
-67.5°	750.4	767.8	788.7	816.4	844.2	865.1	889.4	917.2	945.0	972.8	955.4
-70°	656.6	670.5	687.9	701.8	719.2	733.1	753.9	785.2	816.4	844.2	837.3
-72.5°	559.4	573.2	583.7	590.6	601.0	608.0	618.4	646.2	667.1	681.0	681.0
-75°	462.1	476.0	486.4	489.9	496.8	500.3	507.2	517.7	528.1	531.6	535.0
-77.5°	354.4	368.3	378.7	385.6	392.6	399.5	403.0	410.0	413.4	413.4	416.9
-80°	264.0	274.5	281.4	291.8	295.3	302.3	309.2	312.7	316.2	316.2	319.6
-82.5°	187.6	194.6	201.5	208.5	215.4	218.9	225.8	229.3	232.8	236.2	239.7
-85°	125.1	132.0	139.0	145.9	149.4	152.9	156.3	159.8	163.3	166.8	170.2
-87.5°	73.0	76.4	79.9	86.9	90.3	97.3	100.8	97.3	100.8	100.8	100.8
-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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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°	135.5	135.5	135.5	135.5	132.0	125.1	121.6	114.6	107.7	100.8	93.8
85°	281.4	284.9	284.9	284.9	277.9	274.5	264.0	253.6	239.7	218.9	201.5
82.5°	469.0	472.5	472.5	469.0	462.1	451.7	437.8	420.4	392.6	364.8	340.5
80°	705.3	708.7	708.7	705.3	687.9	670.5	653.2	632.3	597.6	559.4	517.7
77.5°	986.7	993.6	993.6	983.2	958.9	938.0	910.2	875.5	823.4	767.8	712.2
75°	1313.3	1330.6	1334.1	1323.7	1292.4	1254.2	1209.0	1150.0	1070.1	1000.6	934.6
72.5°	1692.0	1709.3	1723.2	1709.3	1664.2	1612.0	1546.0	1476.6	1396.6	1302.8	1191.7
70°	2188.8	2206.1	2216.6	2171.4	2091.5	2004.6	1924.7	1844.8	1751.0	1636.4	1514.8
67.5°	2814.1	2796.8	2775.9	2685.6	2584.8	2480.6	2369.4	2251.3	2129.7	2008.1	1865.7
65°	3415.2	3366.5	3321.4	3213.7	3085.1	2949.6	2821.1	2689.1	2543.1	2390.3	2254.8
62.5°	4047.5	3943.3	3832.1	3700.1	3568.0	3418.6	3290.1	3133.8	2970.5	2782.9	2609.2
60°	4669.4	4544.3	4433.1	4269.8	4096.1	3894.6	3755.6	3602.8	3411.7	3210.2	3005.2
57.5°	5270.4	5134.9	5013.3	4870.9	4683.3	4464.4	4311.5	4113.5	3912.0	3658.4	3449.9
55°	5909.7	5774.2	5676.9	5517.1	5312.1	5110.6	4943.8	4735.4	4454.0	4183.0	3925.9
52.5°	6642.7	6535.0	6430.8	6267.5	6020.9	5815.9	5631.7	5399.0	5103.7	4770.1	4460.9
50°	7462.7	7407.1	7295.9	7104.8	6823.4	6642.7	6399.5	6090.3	5774.2	5423.3	5037.6
47.5°	8550.1	8459.8	8303.4	8095.0	7858.7	7587.7	7261.2	6899.8	6451.7	6062.5	5652.6
45°	9849.5	9682.7	9481.2	9199.8	8907.9	8602.2	8244.4	7785.8	7184.7	6677.5	6246.7
42.5°	11256.5	11030.7	10756.2	10388.0	10009.3	9634.1	9248.4	8623.1	7872.6	7288.9	6802.6
40°	12726.1	12437.8	12093.8	11558.8	11138.4	10655.5	10214.3	9279.7	8480.6	7848.3	7330.6
37.5°	14164.5	13799.7	13222.9	12573.3	12083.4	11687.3	10718.0	9717.4	9001.7	8306.9	7782.3
35°	15265.8	14956.6	13938.6	13264.6	12844.3	12218.9	11006.4	9981.5	9224.1	8647.4	7830.9
32.5°	15919.0	15119.9	14227.0	13546.0	13198.6	12173.7	11027.2	10057.9	9328.3	8682.1	7705.9
30°	15773.0	14807.2	14025.5	13455.7	12701.8	11781.1	10832.7	9939.8	9231.0	8449.3	7566.9
27.5°	14894.1	14147.1	13448.8	12854.7	12114.7	11287.8	10412.3	9627.1	8967.0	8209.6	7375.8
25°	13900.4	13222.9	12705.3	12187.6	11485.8	10697.2	9925.9	9359.6	8696.0	7949.1	7125.7
22.5°	12986.7	12500.3	12093.8	11551.8	10867.4	10179.5	9700.1	9112.9	8432.0	7674.6	6868.6
20°	12403.0	12073.0	11607.4	11009.9	10471.3	10040.5	9509.0	8887.1	8185.3	7393.2	6649.7
17.5°	12121.6	11739.4	11221.8	10832.7	10419.2	9946.7	9352.6	8692.5	7945.6	7264.6	6674.0
15°	11975.7	11572.7	11232.2	10850.0	10384.5	9887.7	9227.6	8543.1	7945.6	7316.7	6691.4
12.5°	12007.0	11659.5	11287.8	10870.9	10370.6	9839.0	9241.5	8605.7	7987.3	7355.0	6694.9
10°	12104.2	11739.4	11343.4	10881.3	10377.5	9852.9	9279.7	8643.9	8008.1	7372.3	6687.9
7.5°	12139.0	11742.9	11319.1	10853.5	10360.2	9846.0	9286.6	8654.3	8011.6	7368.9	6667.1
5°	12031.3	11673.4	11263.5	10794.5	10311.5	9811.2	9258.8	8640.4	7983.8	7334.1	6614.9
2.5°	11885.4	11597.0	11204.4	10752.8	10262.9	9762.6	9213.7	8577.9	7921.3	7271.6	6548.9
0°	11861.0	11503.2	11107.1	10704.1	10183.0	9654.9	9109.4	8459.8	7806.6	7153.5	6434.3
-2.5°	11701.2	11322.5	10926.5	10488.7	10030.1	9498.6	8925.3	8289.5	7643.3	7000.6	6309.2
-5°	11579.6	11159.2	10738.9	10266.4	9804.3	9272.7	8678.6	8060.2	7427.9	6802.6	6135.5
-7.5°	11416.3	10985.5	10544.3	10051.0	9550.7	9008.7	8421.5	7803.1	7181.2	6559.4	5920.1
-10°	11086.3	10707.6	10294.2	9783.4	9255.4	8713.4	8129.7	7521.7	6899.8	6271.0	5628.3
-12.5°	10686.8	10287.2	9835.6	9366.5	8894.0	8390.3	7806.6	7209.0	6583.7	5951.4	5312.1
-15°	10169.1	9776.5	9314.4	8855.8	8400.7	7917.8	7403.6	6865.1	6229.3	5607.4	4968.2
-17.5°	9522.9	9154.6	8741.2	8303.4	7851.8	7365.4	6865.1	6410.0	5815.9	5232.2	4599.9
-20°	8828.0	8484.1	8112.3	7698.9	7247.3	6771.3	6298.8	5822.8	5308.6	4794.4	4207.3



REPORT NUMBER: P722247

CATALOG NUMBER: IFLD-L-SA8C-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8105.4	7758.0	7382.8	6997.1	6580.2	6139.0	5701.2	5246.1	4794.4	4328.9	3832.1
-25°	7271.6	6965.8	6621.9	6246.7	5874.9	5489.3	5072.4	4659.0	4273.3	3870.3	3463.8
-27.5°	6399.5	6118.1	5805.4	5478.9	5159.2	4836.1	4474.8	4092.7	3773.0	3439.5	3102.5
-30°	5482.3	5256.5	5002.9	4718.0	4471.3	4210.8	3908.5	3592.4	3300.5	3046.9	2775.9
-32.5°	4613.8	4422.7	4242.0	4054.4	3811.2	3609.7	3401.3	3168.5	2911.4	2671.7	2477.1
-35°	3866.8	3661.8	3585.4	3446.4	3272.7	3095.5	2942.7	2775.9	2581.4	2369.4	2209.6
-37.5°	3238.0	3116.4	3008.7	2932.3	2817.6	2675.2	2553.6	2432.0	2282.6	2122.8	1962.9
-40°	2748.1	2664.7	2546.6	2508.4	2435.4	2338.2	2213.1	2119.3	2018.5	1896.9	1761.4
-42.5°	2355.5	2293.0	2216.6	2150.6	2119.3	2049.8	1952.5	1862.2	1782.3	1698.9	1594.7
-45°	2032.4	1990.7	1942.1	1883.0	1858.7	1803.1	1733.6	1632.9	1587.7	1518.2	1441.8
-47.5°	1771.9	1751.0	1716.3	1678.1	1643.3	1601.6	1539.1	1476.6	1414.0	1368.8	1309.8
-50°	1566.9	1553.0	1532.1	1500.9	1455.7	1427.9	1386.2	1330.6	1271.6	1233.4	1191.7
-52.5°	1403.6	1389.7	1375.8	1351.5	1316.7	1288.9	1254.2	1209.0	1160.4	1122.2	1087.4
-55°	1278.5	1257.7	1247.3	1226.4	1198.6	1167.3	1136.1	1104.8	1063.1	1028.4	993.6
-57.5°	1181.2	1153.4	1139.5	1122.2	1094.4	1063.1	1038.8	1007.5	979.7	941.5	910.2
-60°	1104.8	1073.5	1045.7	1028.4	1004.1	972.8	948.5	924.1	896.4	865.1	826.9
-62.5°	1042.3	1004.1	965.8	945.0	920.7	892.9	868.6	844.2	816.4	785.2	750.4
-65°	983.2	938.0	889.4	868.6	844.2	816.4	785.2	767.8	743.5	715.7	681.0
-67.5°	910.2	861.6	819.9	795.6	771.3	747.0	719.2	701.8	677.5	642.7	608.0
-70°	802.5	771.3	743.5	722.6	701.8	681.0	653.2	625.4	597.6	566.3	535.0
-72.5°	667.1	656.6	653.2	642.7	618.4	594.1	566.3	538.5	514.2	489.9	465.5
-75°	538.5	545.5	552.4	548.9	524.6	500.3	476.0	451.7	434.3	413.4	392.6
-77.5°	427.3	434.3	441.2	441.2	423.9	410.0	392.6	375.2	361.3	343.9	323.1
-80°	330.1	340.5	350.9	357.8	343.9	333.5	319.6	305.7	291.8	277.9	264.0
-82.5°	250.1	260.6	271.0	277.9	267.5	260.6	250.1	239.7	229.3	215.4	205.0
-85°	180.7	187.6	194.6	198.0	191.1	184.1	177.2	170.2	163.3	152.9	145.9
-87.5°	104.2	107.7	111.2	114.6	107.7	100.8	97.3	90.3	86.9	79.9	76.4
-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-L-SA8C-927-U-76

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°	86.9	79.9	73.0	69.5	62.5	52.1	45.2	38.2	31.3	24.3	20.8
85°	184.1	166.8	145.9	135.5	121.6	107.7	93.8	79.9	66.0	52.1	38.2
82.5°	316.2	295.3	274.5	250.1	218.9	180.7	142.4	118.1	97.3	76.4	59.1
80°	476.0	437.8	403.0	371.7	337.0	288.4	236.2	187.6	132.0	100.8	76.4
77.5°	660.1	614.9	566.3	514.2	458.6	392.6	333.5	271.0	205.0	139.0	97.3
75°	868.6	809.5	743.5	670.5	597.6	510.7	427.3	354.4	277.9	194.6	118.1
72.5°	1101.3	1028.4	948.5	851.2	736.5	635.8	535.0	437.8	347.4	246.7	159.8
70°	1400.1	1285.5	1167.3	1063.1	917.2	757.4	639.3	528.1	413.4	302.3	201.5
67.5°	1719.7	1580.8	1438.3	1285.5	1101.3	913.7	743.5	618.4	482.9	354.4	239.7
65°	2067.2	1893.5	1712.8	1542.6	1288.9	1066.6	875.5	705.3	548.9	403.0	277.9
62.5°	2425.0	2220.0	2011.6	1789.2	1497.4	1222.9	1000.6	802.5	611.5	448.2	312.7
60°	2807.2	2567.5	2313.8	2035.9	1695.4	1393.2	1118.7	903.3	677.5	493.3	350.9
57.5°	3210.2	2949.6	2650.8	2275.6	1900.4	1556.5	1254.2	993.6	736.5	535.0	378.7
55°	3647.9	3349.2	3022.6	2525.8	2101.9	1719.7	1389.7	1084.0	799.1	569.8	406.5
52.5°	4120.4	3773.0	3359.6	2789.8	2313.8	1886.5	1514.8	1163.9	858.1	608.0	430.8
50°	4648.5	4210.8	3654.9	3033.0	2498.0	2042.9	1639.8	1250.7	906.8	649.7	451.7
47.5°	5197.5	4725.0	3918.9	3258.8	2685.6	2195.7	1768.4	1327.2	955.4	684.4	472.5
45°	5770.7	5082.8	4193.4	3460.3	2848.9	2334.7	1865.7	1396.6	1014.5	715.7	489.9
42.5°	6337.0	5353.8	4433.1	3661.8	3001.7	2459.8	1945.6	1462.7	1063.1	747.0	507.2
40°	6604.5	5558.8	4624.2	3800.8	3130.3	2570.9	2015.1	1521.7	1104.8	767.8	524.6
37.5°	6715.7	5683.9	4749.3	3932.8	3231.0	2630.0	2074.1	1573.8	1139.5	788.7	538.5
35°	6740.0	5729.0	4811.8	4023.2	3314.4	2685.6	2119.3	1612.0	1167.3	809.5	552.4
32.5°	6694.9	5715.1	4829.2	4054.4	3366.5	2727.3	2150.6	1639.8	1188.2	830.3	566.3
30°	6594.1	5642.2	4766.7	4051.0	3404.8	2751.6	2171.4	1660.7	1209.0	844.2	573.2
27.5°	6430.8	5513.6	4686.7	4054.4	3425.6	2762.0	2181.8	1671.1	1222.9	854.7	587.1
25°	6229.3	5339.9	4690.2	4047.5	3429.1	2765.5	2181.8	1671.1	1226.4	858.1	597.6
22.5°	5996.5	5339.9	4690.2	4037.1	3408.2	2758.5	2171.4	1664.2	1226.4	865.1	608.0
20°	6010.4	5343.4	4679.8	4016.2	3377.0	2737.7	2147.1	1646.8	1216.0	875.5	614.9
17.5°	6020.9	5336.4	4659.0	3988.4	3335.3	2703.0	2115.8	1622.5	1216.0	885.9	618.4
15°	6020.9	5315.6	4627.7	3946.7	3283.2	2654.3	2070.6	1601.6	1219.5	889.4	625.4
12.5°	6010.4	5277.4	4579.0	3891.1	3220.6	2595.3	2042.9	1594.7	1219.5	892.9	625.4
10°	5989.6	5225.3	4516.5	3821.7	3161.6	2574.4	2029.0	1580.8	1212.5	892.9	625.4
7.5°	5951.4	5162.7	4464.4	3780.0	3126.8	2550.1	2008.1	1559.9	1202.1	885.9	632.3
5°	5892.3	5128.0	4422.7	3731.3	3078.2	2532.7	1994.2	1542.6	1195.1	885.9	625.4
2.5°	5815.9	5086.3	4374.1	3668.8	3022.6	2473.7	1949.0	1504.3	1170.8	872.0	618.4
0°	5690.8	5002.9	4290.7	3581.9	2946.2	2414.6	1903.9	1466.1	1146.5	858.1	611.5
-2.5°	5576.1	4891.7	4183.0	3491.6	2873.2	2362.5	1869.1	1445.3	1136.1	854.7	608.0
-5°	5416.3	4738.9	4040.5	3373.5	2775.9	2310.4	1834.4	1421.0	1125.7	847.7	608.0
-7.5°	5239.1	4579.0	3891.1	3251.9	2678.6	2220.0	1768.4	1382.7	1101.3	833.8	604.5
-10°	4964.7	4339.3	3703.5	3112.9	2574.4	2140.1	1712.8	1348.0	1080.5	819.9	590.6
-12.5°	4672.8	4075.3	3488.1	2942.7	2456.3	2056.7	1650.3	1309.8	1056.2	806.0	583.7
-15°	4363.6	3804.3	3262.3	2765.5	2327.7	1956.0	1584.3	1268.1	1031.8	788.7	573.2
-17.5°	4040.5	3519.4	3029.5	2584.8	2199.2	1851.8	1514.8	1229.9	1004.1	771.3	562.8
-20°	3700.1	3227.6	2793.3	2400.7	2063.7	1747.5	1441.8	1184.7	972.8	750.4	548.9



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 CATALOG NUMBER: IFLD-L-SA8C-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3363.1	2939.2	2550.1	2220.0	1924.7	1639.8	1368.8	1139.5	938.0	726.1	538.5
-25°	3064.3	2668.2	2334.7	2046.3	1789.2	1535.6	1292.4	1094.4	899.8	701.8	524.6
-27.5°	2772.4	2435.4	2122.8	1883.0	1657.2	1434.9	1219.5	1045.7	861.6	674.0	510.7
-30°	2501.5	2213.1	1956.0	1723.2	1532.1	1344.5	1156.9	997.1	819.9	646.2	493.3
-32.5°	2254.8	2022.0	1806.6	1584.3	1414.0	1254.2	1097.9	948.5	778.2	618.4	476.0
-35°	2025.5	1844.8	1657.2	1469.6	1295.9	1170.8	1035.3	896.4	740.0	587.1	458.6
-37.5°	1820.5	1674.6	1525.2	1365.4	1216.0	1090.9	976.3	844.2	701.8	559.4	441.2
-40°	1643.3	1525.2	1393.2	1264.6	1139.5	1021.4	917.2	792.1	663.6	538.5	423.9
-42.5°	1480.0	1389.7	1282.0	1174.3	1063.1	958.9	858.1	736.5	625.4	514.2	406.5
-45°	1355.0	1264.6	1177.8	1080.5	986.7	896.4	795.6	687.9	590.6	486.4	389.1
-47.5°	1236.8	1156.9	1077.0	997.1	920.7	837.3	736.5	646.2	552.4	462.1	375.2
-50°	1132.6	1056.2	986.7	917.2	851.2	771.3	677.5	604.5	521.1	437.8	357.8
-52.5°	1035.3	969.3	899.8	844.2	788.7	708.7	632.3	562.8	489.9	410.0	340.5
-55°	948.5	885.9	823.4	771.3	719.2	649.7	587.1	528.1	458.6	389.1	323.1
-57.5°	865.1	813.0	753.9	705.3	653.2	597.6	545.5	489.9	427.3	368.3	305.7
-60°	788.7	740.0	687.9	639.3	594.1	548.9	500.3	455.1	399.5	343.9	288.4
-62.5°	712.2	670.5	625.4	576.7	542.0	500.3	462.1	416.9	371.7	323.1	257.1
-65°	642.7	604.5	562.8	521.1	489.9	458.6	423.9	382.2	343.9	298.8	229.3
-67.5°	573.2	538.5	503.8	469.0	441.2	416.9	382.2	350.9	319.6	271.0	201.5
-70°	507.2	479.4	448.2	420.4	399.5	371.7	347.4	319.6	291.8	236.2	170.2
-72.5°	444.7	416.9	392.6	371.7	354.4	330.1	309.2	288.4	250.1	198.0	142.4
-75°	371.7	354.4	340.5	323.1	305.7	288.4	271.0	246.7	208.5	159.8	111.2
-77.5°	305.7	295.3	284.9	271.0	257.1	243.2	222.4	198.0	166.8	125.1	90.3
-80°	250.1	239.7	232.8	218.9	208.5	194.6	173.7	152.9	121.6	97.3	73.0
-82.5°	191.1	184.1	177.2	170.2	159.8	145.9	125.1	107.7	90.3	73.0	55.6
-85°	135.5	132.0	125.1	118.1	107.7	97.3	83.4	73.0	62.5	48.6	38.2
-87.5°	69.5	66.0	62.5	59.1	55.6	48.6	41.7	34.7	31.3	24.3	17.4
-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°	13.9	10.4	3.5	0.0
85°	27.8	17.4	6.9	0.0
82.5°	41.7	27.8	10.4	0.0
80°	55.6	34.7	17.4	0.0
77.5°	69.5	41.7	20.8	0.0
75°	83.4	52.1	24.3	0.0
72.5°	93.8	59.1	27.8	0.0
70°	111.2	69.5	31.3	0.0
67.5°	139.0	76.4	34.7	0.0
65°	163.3	83.4	38.2	0.0
62.5°	191.1	90.3	41.7	0.0
60°	215.4	97.3	45.2	0.0
57.5°	239.7	114.6	48.6	0.0
55°	260.6	128.5	52.1	0.0
52.5°	284.9	142.4	55.6	0.0
50°	305.7	156.3	59.1	0.0
47.5°	323.1	170.2	59.1	0.0
45°	337.0	180.7	62.5	0.0
42.5°	347.4	191.1	66.0	0.0
40°	357.8	201.5	69.5	0.0
37.5°	368.3	211.9	69.5	0.0
35°	378.7	222.4	73.0	0.0
32.5°	389.1	232.8	73.0	0.0
30°	396.1	239.7	76.4	0.0
27.5°	406.5	246.7	76.4	0.0
25°	410.0	253.6	79.9	0.0
22.5°	416.9	257.1	79.9	0.0
20°	423.9	264.0	79.9	0.0
17.5°	427.3	267.5	83.4	0.0
15°	427.3	271.0	86.9	0.0
12.5°	430.8	274.5	86.9	0.0
10°	430.8	281.4	83.4	0.0
7.5°	437.8	277.9	83.4	0.0
5°	434.3	277.9	83.4	0.0
2.5°	430.8	274.5	83.4	0.0
0°	427.3	274.5	83.4	0.0
-2.5°	427.3	274.5	83.4	0.0
-5°	427.3	274.5	83.4	0.0
-7.5°	423.9	277.9	83.4	0.0
-10°	416.9	277.9	83.4	0.0
-12.5°	413.4	267.5	83.4	0.0
-15°	410.0	264.0	83.4	0.0
-17.5°	403.0	260.6	79.9	0.0
-20°	396.1	257.1	79.9	0.0



REPORT NUMBER: P722247

CATALOG NUMBER: IFLD-L-SA8C-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	389.1	250.1	79.9	0.0
-25°	382.2	243.2	76.4	0.0
-27.5°	375.2	236.2	76.4	0.0
-30°	364.8	229.3	73.0	0.0
-32.5°	354.4	222.4	73.0	0.0
-35°	347.4	211.9	69.5	0.0
-37.5°	337.0	201.5	69.5	0.0
-40°	326.6	191.1	66.0	0.0
-42.5°	316.2	180.7	62.5	0.0
-45°	302.3	170.2	62.5	0.0
-47.5°	291.8	159.8	59.1	0.0
-50°	274.5	145.9	55.6	0.0
-52.5°	253.6	132.0	52.1	0.0
-55°	232.8	121.6	48.6	0.0
-57.5°	211.9	107.7	48.6	0.0
-60°	191.1	93.8	45.2	0.0
-62.5°	170.2	86.9	41.7	0.0
-65°	149.4	79.9	38.2	0.0
-67.5°	125.1	69.5	34.7	0.0
-70°	104.2	62.5	31.3	0.0
-72.5°	90.3	55.6	27.8	0.0
-75°	76.4	48.6	24.3	0.0
-77.5°	66.0	41.7	20.8	0.0
-80°	52.1	31.3	13.9	0.0
-82.5°	38.2	24.3	10.4	0.0
-85°	24.3	17.4	6.9	0.0
-87.5°	13.9	6.9	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)