

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: P722134

Luminaire Tested: **IFLD-S-SA2B-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722134
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

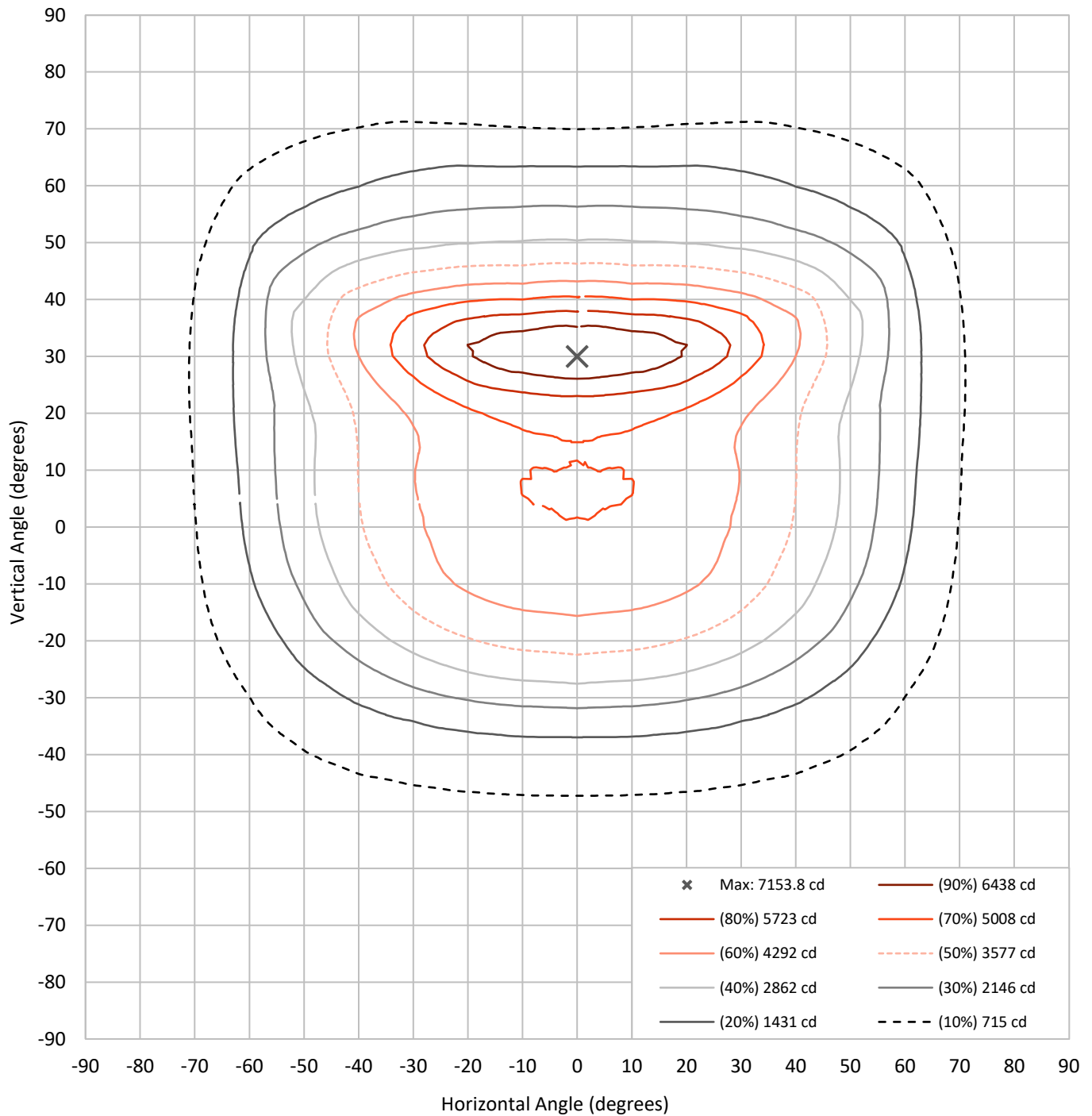
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11941.4 lumens	Max Intensity:	7153.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	144.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6944.1 lumens	Field Lumens:	11190.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 82.4
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



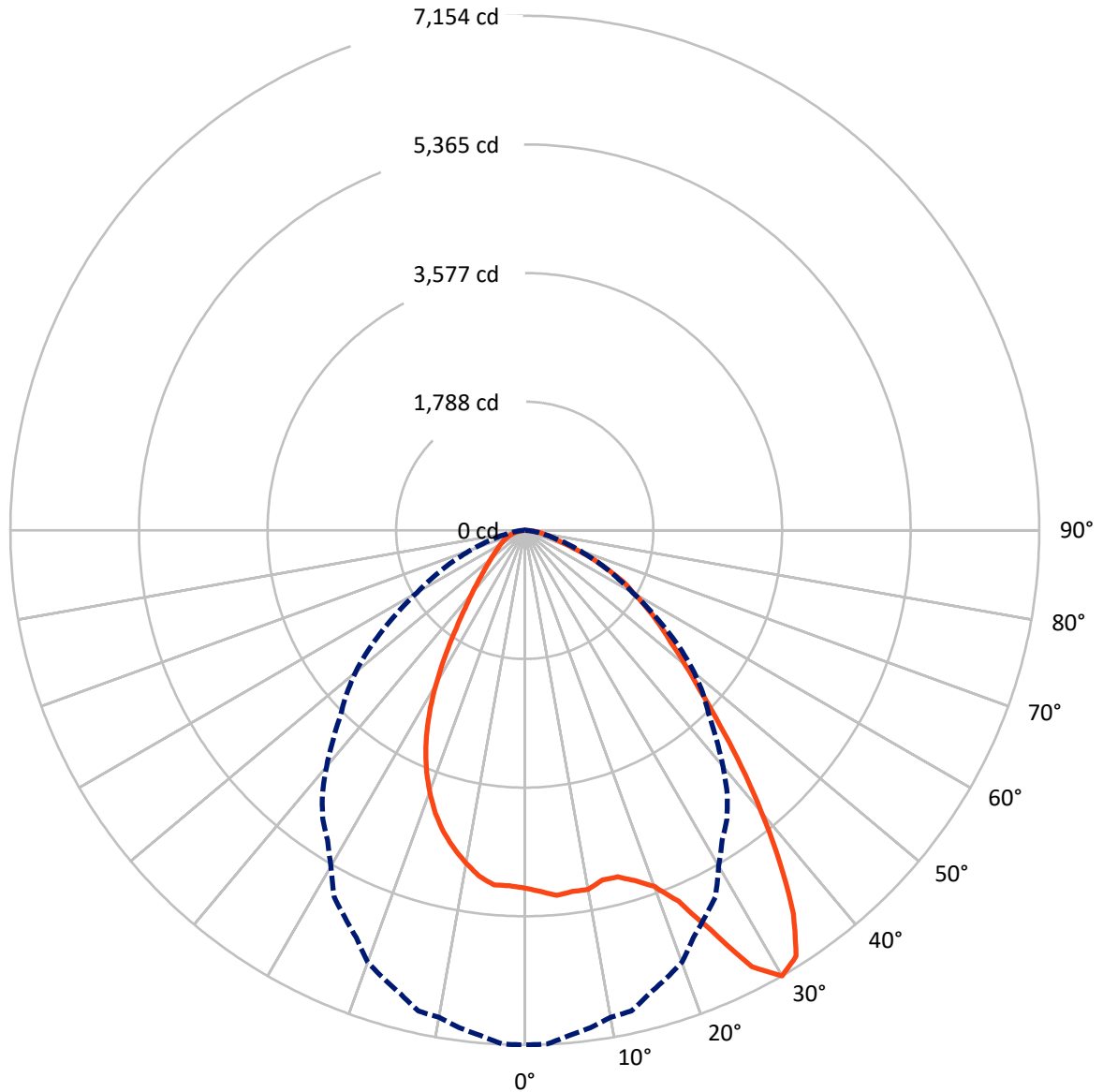
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Iso-Candela Plot



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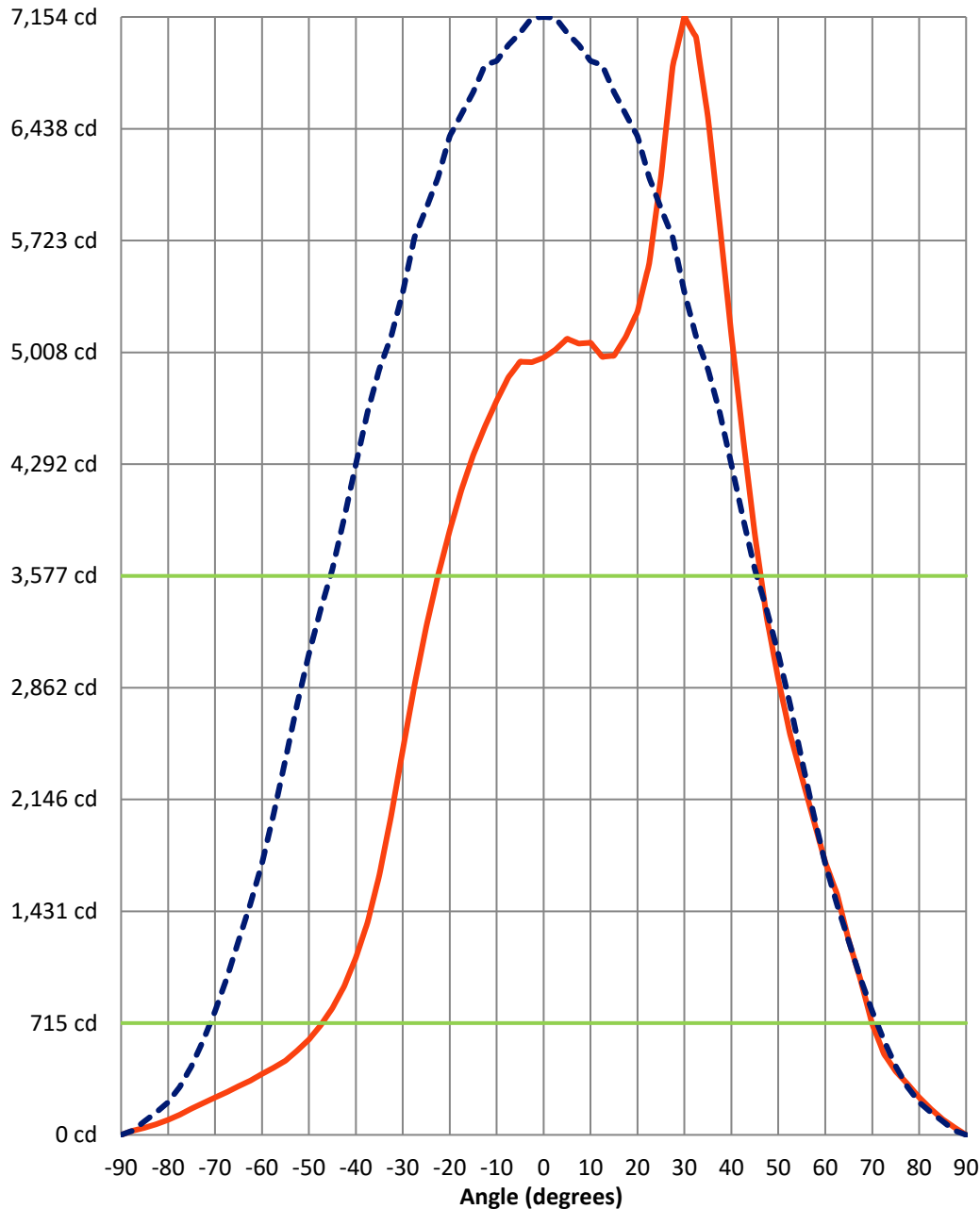
Luminous Intensity Polar Plot



— 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: 6944.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 11190.7
 Efficiency: 93.7%

Spill:
 Lumens: 750.8
 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°	48.1	49.3	50.6	50.6	49.3	49.3	49.3	48.1	49.3	49.3	49.3
85°	99.9	102.5	105.0	103.7	102.5	99.9	97.4	98.7	99.9	101.2	101.2
82.5°	165.7	169.5	172.0	170.8	168.2	165.7	163.2	164.5	167.0	168.2	168.2
80°	240.4	241.6	242.9	245.4	241.6	241.6	240.4	245.4	247.9	250.5	253.0
77.5°	326.4	327.6	327.6	328.9	330.2	331.4	331.4	340.3	346.6	350.4	354.2
75°	407.3	411.1	414.9	418.7	423.8	426.3	430.1	442.8	452.9	460.5	468.1
72.5°	518.7	523.7	530.0	538.9	547.8	554.1	562.9	578.1	589.5	597.1	606.0
70°	709.7	714.7	721.1	727.4	736.2	742.6	751.4	770.4	781.8	786.9	791.9
67.5°	993.1	1005.7	1017.1	1004.4	998.1	989.3	991.8	1009.5	1020.9	1028.5	1027.2
65°	1244.8	1253.6	1253.6	1252.4	1247.3	1235.9	1242.3	1263.8	1276.4	1282.7	1263.8
62.5°	1540.8	1540.8	1534.5	1544.6	1545.9	1538.3	1534.5	1535.8	1537.0	1540.8	1509.2
60°	1745.7	1758.4	1762.2	1771.0	1773.6	1773.6	1779.9	1785.0	1785.0	1777.4	1740.7
57.5°	2016.5	2040.5	2045.6	2039.2	2026.6	2010.1	2007.6	2000.0	1984.8	1969.7	1951.9
55°	2289.7	2302.4	2301.1	2297.3	2284.7	2265.7	2268.2	2258.1	2234.1	2215.1	2191.0
52.5°	2564.2	2594.6	2599.6	2592.1	2574.3	2554.1	2555.4	2544.0	2519.9	2499.7	2466.8
50°	2914.6	2939.9	2937.4	2924.8	2899.5	2884.3	2885.5	2864.0	2836.2	2829.9	2786.9
47.5°	3315.7	3344.8	3339.7	3322.0	3287.8	3281.5	3287.8	3260.0	3243.5	3229.6	3179.0
45°	3841.9	3876.1	3857.1	3822.9	3768.5	3774.9	3783.7	3778.7	3743.2	3706.6	3642.0
42.5°	4459.2	4480.8	4458.0	4423.8	4355.5	4368.2	4363.1	4332.7	4311.2	4250.5	4168.3
40°	5119.6	5166.4	5131.0	5077.8	5007.0	5026.0	5012.1	4972.8	4922.2	4846.3	4742.6
37.5°	5831.8	5868.5	5828.0	5766.0	5702.8	5696.4	5668.6	5607.9	5535.8	5452.3	5286.6
35°	6513.7	6608.5	6533.9	6435.2	6358.1	6329.0	6302.4	6162.0	6079.8	5944.4	5718.0
32.5°	7020.9	7090.5	6998.2	6895.7	6802.1	6761.6	6668.0	6501.0	6456.7	6172.1	5964.6
30°	7153.8	7148.7	7052.6	6974.1	6872.9	6845.1	6673.1	6531.4	6389.7	6126.6	5929.2
27.5°	6837.5	6805.9	6713.5	6645.2	6545.3	6512.4	6342.9	6267.0	6048.1	5825.5	5658.5
25°	6132.9	6149.3	6079.8	6045.6	5979.8	5909.0	5841.9	5739.5	5602.8	5408.0	5255.0
22.5°	5577.5	5599.0	5569.9	5529.5	5478.9	5439.6	5389.0	5309.3	5177.8	5057.6	4913.4
20°	5268.9	5262.5	5237.2	5206.9	5158.8	5131.0	5075.3	5008.3	4907.1	4803.3	4647.7
17.5°	5106.9	5067.7	5043.7	5032.3	5007.0	4971.6	4905.8	4837.5	4759.1	4641.4	4527.6
15°	4986.8	4993.1	4974.1	4965.3	4945.0	4895.7	4828.6	4773.0	4666.7	4607.3	4503.5
12.5°	4979.2	4972.8	4974.1	4970.3	4945.0	4881.8	4847.6	4776.8	4708.5	4630.0	4511.1
10°	5069.0	5001.9	5007.0	5024.7	4984.2	4933.6	4896.9	4819.8	4755.3	4655.3	4537.7
7.5°	5063.9	5029.8	5039.9	5010.8	5023.5	4961.5	4910.9	4833.7	4752.7	4646.5	4540.2
5°	5094.3	5042.4	5033.6	5036.1	5004.5	4957.7	4889.4	4816.0	4740.1	4621.2	4512.4
2.5°	5024.7	5032.3	4991.8	4976.6	4972.8	4894.4	4831.2	4760.3	4681.9	4576.9	4479.5
0°	4972.8	4986.8	4945.0	4923.5	4922.2	4855.2	4814.7	4733.8	4678.1	4590.8	4473.2
-2.5°	4945.0	4961.5	4966.5	4927.3	4889.4	4837.5	4769.2	4681.9	4590.8	4489.6	4388.4
-5°	4947.5	4914.7	4900.7	4913.4	4880.5	4828.6	4752.7	4675.6	4585.7	4477.0	4350.5
-7.5°	4847.6	4814.7	4812.2	4805.9	4798.3	4748.9	4685.7	4602.2	4511.1	4409.9	4292.3
-10°	4698.3	4674.3	4668.0	4661.7	4641.4	4612.3	4552.9	4477.0	4394.7	4293.5	4168.3
-12.5°	4532.6	4521.2	4497.2	4480.8	4460.5	4426.4	4369.4	4299.9	4217.6	4127.8	4020.3
-15°	4349.2	4327.7	4303.6	4289.7	4260.6	4220.2	4163.2	4098.7	4008.9	3920.3	3819.1
-17.5°	4127.8	4101.2	4074.7	4070.9	4050.6	3988.7	3935.5	3857.1	3778.7	3693.9	3595.2
-20°	3867.2	3830.5	3812.8	3802.7	3774.9	3729.3	3672.4	3600.3	3524.4	3443.4	3329.6



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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°	3578.8	3547.2	3516.8	3497.8	3473.8	3438.4	3384.0	3320.7	3246.1	3155.0	3050.0
-25°	3251.1	3206.9	3187.9	3166.4	3153.7	3120.8	3067.7	3009.5	2932.3	2843.8	2743.9
-27.5°	2876.7	2841.3	2831.1	2800.8	2785.6	2751.4	2707.2	2652.8	2581.9	2498.4	2416.2
-30°	2463.0	2441.5	2425.1	2394.7	2383.3	2346.6	2317.5	2272.0	2207.5	2148.0	2082.2
-32.5°	2038.0	2016.5	2011.4	1997.5	1989.9	1965.9	1933.0	1900.1	1848.2	1803.9	1750.8
-35°	1661.0	1645.8	1647.1	1645.8	1638.2	1620.5	1580.0	1571.2	1533.2	1492.7	1458.6
-37.5°	1359.9	1361.2	1359.9	1358.6	1348.5	1340.9	1311.8	1300.5	1277.7	1238.5	1218.2
-40°	1133.5	1136.0	1134.7	1132.2	1120.8	1117.0	1098.0	1082.9	1074.0	1046.2	1024.7
-42.5°	950.0	953.8	952.6	951.3	943.7	942.5	932.3	914.6	909.6	893.1	870.3
-45°	810.9	809.6	807.1	809.6	805.8	802.0	795.7	784.3	778.0	770.4	751.4
-47.5°	700.8	702.1	699.6	699.6	694.5	690.7	688.2	680.6	675.5	669.2	657.8
-50°	609.7	614.8	613.5	612.3	608.5	606.0	606.0	598.4	590.8	588.2	580.7
-52.5°	538.9	542.7	544.0	546.5	547.8	549.0	545.2	537.6	525.0	523.7	519.9
-55°	474.4	485.8	493.4	498.4	503.5	507.3	499.7	489.6	476.9	471.9	470.6
-57.5°	430.1	441.5	450.4	457.9	464.3	470.6	463.0	452.9	441.5	435.2	433.9
-60°	389.6	399.8	408.6	418.7	427.6	437.7	433.9	426.3	420.0	414.9	409.9
-62.5°	346.6	356.7	366.9	379.5	390.9	401.0	402.3	401.0	399.8	401.0	392.2
-65°	311.2	316.3	322.6	336.5	349.1	360.5	366.9	370.7	377.0	383.3	374.5
-67.5°	273.2	279.6	287.2	297.3	307.4	315.0	323.8	334.0	344.1	354.2	347.9
-70°	239.1	244.2	250.5	255.5	261.9	266.9	274.5	285.9	297.3	307.4	304.9
-72.5°	203.7	208.7	212.5	215.1	218.9	221.4	225.2	235.3	242.9	247.9	247.9
-75°	168.2	173.3	177.1	178.4	180.9	182.2	184.7	188.5	192.3	193.6	194.8
-77.5°	129.0	134.1	137.9	140.4	142.9	145.5	146.7	149.3	150.5	150.5	151.8
-80°	96.1	99.9	102.5	106.3	107.5	110.1	112.6	113.9	115.1	115.1	116.4
-82.5°	68.3	70.8	73.4	75.9	78.4	79.7	82.2	83.5	84.8	86.0	87.3
-85°	45.5	48.1	50.6	53.1	54.4	55.7	56.9	58.2	59.5	60.7	62.0
-87.5°	26.6	27.8	29.1	31.6	32.9	35.4	36.7	35.4	36.7	36.7	36.7
-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°	49.3	49.3	49.3	49.3	48.1	45.5	44.3	41.7	39.2	36.7	34.2
85°	102.5	103.7	103.7	103.7	101.2	99.9	96.1	92.3	87.3	79.7	73.4
82.5°	170.8	172.0	172.0	170.8	168.2	164.5	159.4	153.1	142.9	132.8	124.0
80°	256.8	258.1	258.1	256.8	250.5	244.2	237.8	230.2	217.6	203.7	188.5
77.5°	359.3	361.8	361.8	358.0	349.1	341.6	331.4	318.8	299.8	279.6	259.3
75°	478.2	484.5	485.8	482.0	470.6	456.7	440.2	418.7	389.6	364.3	340.3
72.5°	616.1	622.4	627.5	622.4	606.0	587.0	562.9	537.6	508.5	474.4	433.9
70°	797.0	803.3	807.1	790.6	761.6	729.9	700.8	671.7	637.6	595.8	551.6
67.5°	1024.7	1018.4	1010.8	977.9	941.2	903.2	862.8	819.7	775.5	731.2	679.3
65°	1243.5	1225.8	1209.4	1170.2	1123.4	1074.0	1027.2	979.1	926.0	870.3	821.0
62.5°	1473.8	1435.8	1395.3	1347.3	1299.2	1244.8	1198.0	1141.1	1081.6	1013.3	950.0
60°	1700.2	1654.7	1614.2	1554.7	1491.5	1418.1	1367.5	1311.8	1242.3	1168.9	1094.3
57.5°	1919.1	1869.7	1825.4	1773.6	1705.3	1625.6	1569.9	1497.8	1424.4	1332.1	1256.2
55°	2151.8	2102.5	2067.1	2008.9	1934.2	1860.9	1800.1	1724.2	1621.8	1523.1	1429.5
52.5°	2418.7	2379.5	2341.6	2282.1	2192.3	2117.7	2050.6	1965.9	1858.3	1736.9	1624.3
50°	2717.3	2697.1	2656.6	2587.0	2484.5	2418.7	2330.2	2217.6	2102.5	1974.7	1834.3
47.5°	3113.2	3080.4	3023.4	2947.5	2861.5	2762.8	2643.9	2512.4	2349.2	2207.5	2058.2
45°	3586.4	3525.7	3452.3	3349.8	3243.5	3132.2	3001.9	2834.9	2616.1	2431.4	2274.5
42.5°	4098.7	4016.5	3916.5	3782.5	3644.6	3507.9	3367.5	3139.8	2866.6	2654.0	2476.9
40°	4633.8	4528.8	4403.6	4208.8	4055.7	3879.9	3719.2	3378.9	3087.9	2857.7	2669.2
37.5°	5157.5	5024.7	4814.7	4578.2	4399.8	4255.6	3902.6	3538.3	3277.7	3024.7	2833.7
35°	5558.6	5446.0	5075.3	4829.9	4676.8	4449.1	4007.6	3634.4	3358.7	3148.7	2851.4
32.5°	5796.4	5505.4	5180.3	4932.4	4805.9	4432.7	4015.2	3662.3	3396.6	3161.3	2805.8
30°	5743.3	5391.6	5106.9	4899.5	4625.0	4289.7	3944.4	3619.3	3361.2	3076.6	2755.2
27.5°	5423.2	5151.2	4896.9	4680.6	4411.2	4110.1	3791.3	3505.4	3265.1	2989.3	2685.7
25°	5061.4	4814.7	4626.2	4437.7	4182.2	3895.0	3614.2	3408.0	3166.4	2894.4	2594.6
22.5°	4728.7	4551.6	4403.6	4206.2	3957.0	3706.6	3532.0	3318.2	3070.2	2794.5	2501.0
20°	4516.2	4396.0	4226.5	4008.9	3812.8	3655.9	3462.4	3236.0	2980.4	2692.0	2421.3
17.5°	4413.7	4274.6	4086.1	3944.4	3793.8	3621.8	3405.5	3165.1	2893.1	2645.2	2430.1
15°	4360.6	4213.8	4089.9	3950.7	3781.2	3600.3	3359.9	3110.7	2893.1	2664.2	2436.5
12.5°	4372.0	4245.5	4110.1	3958.3	3776.1	3582.6	3365.0	3133.5	2908.3	2678.1	2437.7
10°	4407.4	4274.6	4130.3	3962.1	3778.7	3587.6	3378.9	3147.4	2915.9	2684.4	2435.2
7.5°	4420.0	4275.8	4121.5	3952.0	3772.3	3585.1	3381.4	3151.2	2917.2	2683.1	2427.6
5°	4380.8	4250.5	4101.2	3930.5	3754.6	3572.5	3371.3	3146.1	2907.0	2670.5	2408.6
2.5°	4327.7	4222.7	4079.7	3915.3	3736.9	3554.7	3354.9	3123.4	2884.3	2647.7	2384.6
0°	4318.8	4188.5	4044.3	3897.6	3707.8	3515.5	3316.9	3080.4	2842.5	2604.7	2342.8
-2.5°	4260.6	4122.7	3978.5	3819.1	3652.2	3458.6	3249.9	3018.4	2783.1	2549.0	2297.3
-5°	4216.4	4063.3	3910.2	3738.2	3569.9	3376.4	3160.1	2934.9	2704.6	2476.9	2234.1
-7.5°	4156.9	4000.0	3839.4	3659.7	3477.6	3280.2	3066.4	2841.3	2614.8	2388.4	2155.6
-10°	4036.7	3898.8	3748.3	3562.3	3370.1	3172.7	2960.2	2738.8	2512.4	2283.4	2049.4
-12.5°	3891.2	3745.8	3581.3	3410.5	3238.5	3055.1	2842.5	2624.9	2397.2	2167.0	1934.2
-15°	3702.8	3559.8	3391.6	3224.6	3058.9	2883.0	2695.8	2499.7	2268.2	2041.8	1809.0
-17.5°	3467.5	3333.4	3182.8	3023.4	2859.0	2681.9	2499.7	2334.0	2117.7	1905.1	1674.9
-20°	3214.5	3089.2	2953.9	2803.3	2638.9	2465.6	2293.5	2120.2	1933.0	1745.7	1532.0



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CATALOG NUMBER: IFLD-S-SA2B-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°	2951.3	2824.8	2688.2	2547.8	2396.0	2235.3	2075.9	1910.2	1745.7	1576.2	1395.3
-25°	2647.7	2536.4	2411.2	2274.5	2139.2	1998.8	1846.9	1696.4	1556.0	1409.2	1261.2
-27.5°	2330.2	2227.7	2113.9	1995.0	1878.6	1760.9	1629.4	1490.2	1373.8	1252.4	1129.7
-30°	1996.2	1914.0	1821.6	1717.9	1628.1	1533.2	1423.2	1308.0	1201.8	1109.4	1010.8
-32.5°	1680.0	1610.4	1544.6	1476.3	1387.7	1314.4	1238.5	1153.7	1060.1	972.8	902.0
-35°	1408.0	1333.3	1305.5	1254.9	1191.7	1127.1	1071.5	1010.8	939.9	862.8	804.6
-37.5°	1179.0	1134.7	1095.5	1067.7	1025.9	974.1	929.8	885.5	831.1	772.9	714.7
-40°	1000.6	970.3	927.3	913.4	886.8	851.4	805.8	771.7	735.0	690.7	641.4
-42.5°	857.7	834.9	807.1	783.1	771.7	746.4	710.9	678.1	649.0	618.6	580.7
-45°	740.0	724.9	707.2	685.6	676.8	656.6	631.3	594.6	578.1	552.8	525.0
-47.5°	645.2	637.6	624.9	611.0	598.4	583.2	560.4	537.6	514.9	498.4	476.9
-50°	570.5	565.5	557.9	546.5	530.0	519.9	504.7	484.5	463.0	449.1	433.9
-52.5°	511.1	506.0	501.0	492.1	479.4	469.3	456.7	440.2	422.5	408.6	396.0
-55°	465.5	457.9	454.1	446.6	436.4	425.1	413.7	402.3	387.1	374.5	361.8
-57.5°	430.1	420.0	414.9	408.6	398.5	387.1	378.2	366.9	356.7	342.8	331.4
-60°	402.3	390.9	380.8	374.5	365.6	354.2	345.4	336.5	326.4	315.0	301.1
-62.5°	379.5	365.6	351.7	344.1	335.2	325.1	316.3	307.4	297.3	285.9	273.2
-65°	358.0	341.6	323.8	316.3	307.4	297.3	285.9	279.6	270.7	260.6	247.9
-67.5°	331.4	313.7	298.5	289.7	280.8	272.0	261.9	255.5	246.7	234.0	221.4
-70°	292.2	280.8	270.7	263.1	255.5	247.9	237.8	227.7	217.6	206.2	194.8
-72.5°	242.9	239.1	237.8	234.0	225.2	216.3	206.2	196.1	187.2	178.4	169.5
-75°	196.1	198.6	201.1	199.9	191.0	182.2	173.3	164.5	158.1	150.5	142.9
-77.5°	155.6	158.1	160.7	160.7	154.3	149.3	142.9	136.6	131.6	125.2	117.6
-80°	120.2	124.0	127.8	130.3	125.2	121.4	116.4	111.3	106.3	101.2	96.1
-82.5°	91.1	94.9	98.7	101.2	97.4	94.9	91.1	87.3	83.5	78.4	74.6
-85°	65.8	68.3	70.8	72.1	69.6	67.0	64.5	62.0	59.5	55.7	53.1
-87.5°	38.0	39.2	40.5	41.7	39.2	36.7	35.4	32.9	31.6	29.1	27.8
-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):

	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°	31.6	29.1	26.6	25.3	22.8	19.0	16.4	13.9	11.4	8.9	7.6
85°	67.0	60.7	53.1	49.3	44.3	39.2	34.2	29.1	24.0	19.0	13.9
82.5°	115.1	107.5	99.9	91.1	79.7	65.8	51.9	43.0	35.4	27.8	21.5
80°	173.3	159.4	146.7	135.4	122.7	105.0	86.0	68.3	48.1	36.7	27.8
77.5°	240.4	223.9	206.2	187.2	167.0	142.9	121.4	98.7	74.6	50.6	35.4
75°	316.3	294.8	270.7	244.2	217.6	186.0	155.6	129.0	101.2	70.8	43.0
72.5°	401.0	374.5	345.4	309.9	268.2	231.5	194.8	159.4	126.5	89.8	58.2
70°	509.8	468.1	425.1	387.1	334.0	275.8	232.8	192.3	150.5	110.1	73.4
67.5°	626.2	575.6	523.7	468.1	401.0	332.7	270.7	225.2	175.8	129.0	87.3
65°	752.7	689.4	623.7	561.7	469.3	388.4	318.8	256.8	199.9	146.7	101.2
62.5°	883.0	808.4	732.5	651.5	545.2	445.3	364.3	292.2	222.6	163.2	113.9
60°	1022.1	934.9	842.5	741.3	617.3	507.3	407.3	328.9	246.7	179.6	127.8
57.5°	1168.9	1074.0	965.2	828.6	692.0	566.7	456.7	361.8	268.2	194.8	137.9
55°	1328.3	1219.5	1100.6	919.7	765.3	626.2	506.0	394.7	291.0	207.5	148.0
52.5°	1500.3	1373.8	1223.3	1015.8	842.5	686.9	551.6	423.8	312.5	221.4	156.9
50°	1692.6	1533.2	1330.8	1104.4	909.6	743.8	597.1	455.4	330.2	236.6	164.5
47.5°	1892.5	1720.4	1427.0	1186.6	977.9	799.5	643.9	483.2	347.9	249.2	172.0
45°	2101.2	1850.7	1526.9	1260.0	1037.3	850.1	679.3	508.5	369.4	260.6	178.4
42.5°	2307.4	1949.4	1614.2	1333.3	1093.0	895.6	708.4	532.6	387.1	272.0	184.7
40°	2404.8	2024.1	1683.8	1383.9	1139.8	936.1	733.7	554.1	402.3	279.6	191.0
37.5°	2445.3	2069.6	1729.3	1432.0	1176.5	957.6	755.2	573.1	414.9	287.2	196.1
35°	2454.2	2086.0	1752.1	1464.9	1206.8	977.9	771.7	587.0	425.1	294.8	201.1
32.5°	2437.7	2081.0	1758.4	1476.3	1225.8	993.1	783.1	597.1	432.6	302.3	206.2
30°	2401.0	2054.4	1735.6	1475.0	1239.7	1001.9	790.6	604.7	440.2	307.4	208.7
27.5°	2341.6	2007.6	1706.5	1476.3	1247.3	1005.7	794.4	608.5	445.3	311.2	213.8
25°	2268.2	1944.4	1707.8	1473.8	1248.6	1007.0	794.4	608.5	446.6	312.5	217.6
22.5°	2183.4	1944.4	1707.8	1470.0	1241.0	1004.4	790.6	606.0	446.6	315.0	221.4
20°	2188.5	1945.6	1704.0	1462.4	1229.6	996.8	781.8	599.6	442.8	318.8	223.9
17.5°	2192.3	1943.1	1696.4	1452.3	1214.4	984.2	770.4	590.8	442.8	322.6	225.2
15°	2192.3	1935.5	1685.0	1437.1	1195.5	966.5	754.0	583.2	444.0	323.8	227.7
12.5°	2188.5	1921.6	1667.3	1416.8	1172.7	945.0	743.8	580.7	444.0	325.1	227.7
10°	2180.9	1902.6	1644.5	1391.5	1151.2	937.4	738.8	575.6	441.5	325.1	227.7
7.5°	2167.0	1879.8	1625.6	1376.4	1138.5	928.5	731.2	568.0	437.7	322.6	230.2
5°	2145.5	1867.2	1610.4	1358.6	1120.8	922.2	726.1	561.7	435.2	322.6	227.7
2.5°	2117.7	1852.0	1592.7	1335.9	1100.6	900.7	709.7	547.8	426.3	317.5	225.2
0°	2072.1	1821.6	1562.3	1304.3	1072.7	879.2	693.2	533.8	417.5	312.5	222.6
-2.5°	2030.4	1781.2	1523.1	1271.4	1046.2	860.2	680.6	526.3	413.7	311.2	221.4
-5°	1972.2	1725.5	1471.2	1228.3	1010.8	841.2	667.9	517.4	409.9	308.7	221.4
-7.5°	1907.7	1667.3	1416.8	1184.1	975.3	808.4	643.9	503.5	401.0	303.6	220.1
-10°	1807.7	1580.0	1348.5	1133.5	937.4	779.3	623.7	490.8	393.4	298.5	215.1
-12.5°	1701.5	1483.9	1270.1	1071.5	894.4	748.9	600.9	476.9	384.6	293.5	212.5
-15°	1588.9	1385.2	1187.9	1007.0	847.6	712.2	576.9	461.7	375.7	287.2	208.7
-17.5°	1471.2	1281.5	1103.1	941.2	800.8	674.3	551.6	447.8	365.6	280.8	204.9
-20°	1347.3	1175.2	1017.1	874.1	751.4	636.3	525.0	431.4	354.2	273.2	199.9



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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°	1224.6	1070.2	928.5	808.4	700.8	597.1	498.4	414.9	341.6	264.4	196.1
-25°	1115.8	971.5	850.1	745.1	651.5	559.1	470.6	398.5	327.6	255.5	191.0
-27.5°	1009.5	886.8	772.9	685.6	603.4	522.5	444.0	380.8	313.7	245.4	186.0
-30°	910.8	805.8	712.2	627.5	557.9	489.6	421.3	363.1	298.5	235.3	179.6
-32.5°	821.0	736.2	657.8	576.9	514.9	456.7	399.8	345.4	283.4	225.2	173.3
-35°	737.5	671.7	603.4	535.1	471.9	426.3	377.0	326.4	269.5	213.8	167.0
-37.5°	662.9	609.7	555.3	497.2	442.8	397.2	355.5	307.4	255.5	203.7	160.7
-40°	598.4	555.3	507.3	460.5	414.9	371.9	334.0	288.4	241.6	196.1	154.3
-42.5°	538.9	506.0	466.8	427.6	387.1	349.1	312.5	268.2	227.7	187.2	148.0
-45°	493.4	460.5	428.8	393.4	359.3	326.4	289.7	250.5	215.1	177.1	141.7
-47.5°	450.4	421.3	392.2	363.1	335.2	304.9	268.2	235.3	201.1	168.2	136.6
-50°	412.4	384.6	359.3	334.0	309.9	280.8	246.7	220.1	189.8	159.4	130.3
-52.5°	377.0	352.9	327.6	307.4	287.2	258.1	230.2	204.9	178.4	149.3	124.0
-55°	345.4	322.6	299.8	280.8	261.9	236.6	213.8	192.3	167.0	141.7	117.6
-57.5°	315.0	296.0	274.5	256.8	237.8	217.6	198.6	178.4	155.6	134.1	111.3
-60°	287.2	269.5	250.5	232.8	216.3	199.9	182.2	165.7	145.5	125.2	105.0
-62.5°	259.3	244.2	227.7	210.0	197.3	182.2	168.2	151.8	135.4	117.6	93.6
-65°	234.0	220.1	204.9	189.8	178.4	167.0	154.3	139.2	125.2	108.8	83.5
-67.5°	208.7	196.1	183.4	170.8	160.7	151.8	139.2	127.8	116.4	98.7	73.4
-70°	184.7	174.6	163.2	153.1	145.5	135.4	126.5	116.4	106.3	86.0	62.0
-72.5°	161.9	151.8	142.9	135.4	129.0	120.2	112.6	105.0	91.1	72.1	51.9
-75°	135.4	129.0	124.0	117.6	111.3	105.0	98.7	89.8	75.9	58.2	40.5
-77.5°	111.3	107.5	103.7	98.7	93.6	88.6	81.0	72.1	60.7	45.5	32.9
-80°	91.1	87.3	84.8	79.7	75.9	70.8	63.3	55.7	44.3	35.4	26.6
-82.5°	69.6	67.0	64.5	62.0	58.2	53.1	45.5	39.2	32.9	26.6	20.2
-85°	49.3	48.1	45.5	43.0	39.2	35.4	30.4	26.6	22.8	17.7	13.9
-87.5°	25.3	24.0	22.8	21.5	20.2	17.7	15.2	12.7	11.4	8.9	6.3
-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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 CATALOG NUMBER: IFLD-S-SA2B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.1	3.8	1.3	0.0
85°	10.1	6.3	2.5	0.0
82.5°	15.2	10.1	3.8	0.0
80°	20.2	12.7	6.3	0.0
77.5°	25.3	15.2	7.6	0.0
75°	30.4	19.0	8.9	0.0
72.5°	34.2	21.5	10.1	0.0
70°	40.5	25.3	11.4	0.0
67.5°	50.6	27.8	12.7	0.0
65°	59.5	30.4	13.9	0.0
62.5°	69.6	32.9	15.2	0.0
60°	78.4	35.4	16.4	0.0
57.5°	87.3	41.7	17.7	0.0
55°	94.9	46.8	19.0	0.0
52.5°	103.7	51.9	20.2	0.0
50°	111.3	56.9	21.5	0.0
47.5°	117.6	62.0	21.5	0.0
45°	122.7	65.8	22.8	0.0
42.5°	126.5	69.6	24.0	0.0
40°	130.3	73.4	25.3	0.0
37.5°	134.1	77.2	25.3	0.0
35°	137.9	81.0	26.6	0.0
32.5°	141.7	84.8	26.6	0.0
30°	144.2	87.3	27.8	0.0
27.5°	148.0	89.8	27.8	0.0
25°	149.3	92.3	29.1	0.0
22.5°	151.8	93.6	29.1	0.0
20°	154.3	96.1	29.1	0.0
17.5°	155.6	97.4	30.4	0.0
15°	155.6	98.7	31.6	0.0
12.5°	156.9	99.9	31.6	0.0
10°	156.9	102.5	30.4	0.0
7.5°	159.4	101.2	30.4	0.0
5°	158.1	101.2	30.4	0.0
2.5°	156.9	99.9	30.4	0.0
0°	155.6	99.9	30.4	0.0
-2.5°	155.6	99.9	30.4	0.0
-5°	155.6	99.9	30.4	0.0
-7.5°	154.3	101.2	30.4	0.0
-10°	151.8	101.2	30.4	0.0
-12.5°	150.5	97.4	30.4	0.0
-15°	149.3	96.1	30.4	0.0
-17.5°	146.7	94.9	29.1	0.0
-20°	144.2	93.6	29.1	0.0



REPORT NUMBER: P722134

CATALOG NUMBER: IFLD-S-SA2B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	141.7	91.1	29.1	0.0
-25°	139.2	88.6	27.8	0.0
-27.5°	136.6	86.0	27.8	0.0
-30°	132.8	83.5	26.6	0.0
-32.5°	129.0	81.0	26.6	0.0
-35°	126.5	77.2	25.3	0.0
-37.5°	122.7	73.4	25.3	0.0
-40°	118.9	69.6	24.0	0.0
-42.5°	115.1	65.8	22.8	0.0
-45°	110.1	62.0	22.8	0.0
-47.5°	106.3	58.2	21.5	0.0
-50°	99.9	53.1	20.2	0.0
-52.5°	92.3	48.1	19.0	0.0
-55°	84.8	44.3	17.7	0.0
-57.5°	77.2	39.2	17.7	0.0
-60°	69.6	34.2	16.4	0.0
-62.5°	62.0	31.6	15.2	0.0
-65°	54.4	29.1	13.9	0.0
-67.5°	45.5	25.3	12.7	0.0
-70°	38.0	22.8	11.4	0.0
-72.5°	32.9	20.2	10.1	0.0
-75°	27.8	17.7	8.9	0.0
-77.5°	24.0	15.2	7.6	0.0
-80°	19.0	11.4	5.1	0.0
-82.5°	13.9	8.9	3.8	0.0
-85°	8.9	6.3	2.5	0.0
-87.5°	5.1	2.5	1.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)