

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: P722101

Luminaire Tested: **IFLD-L-SA8B-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722101
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

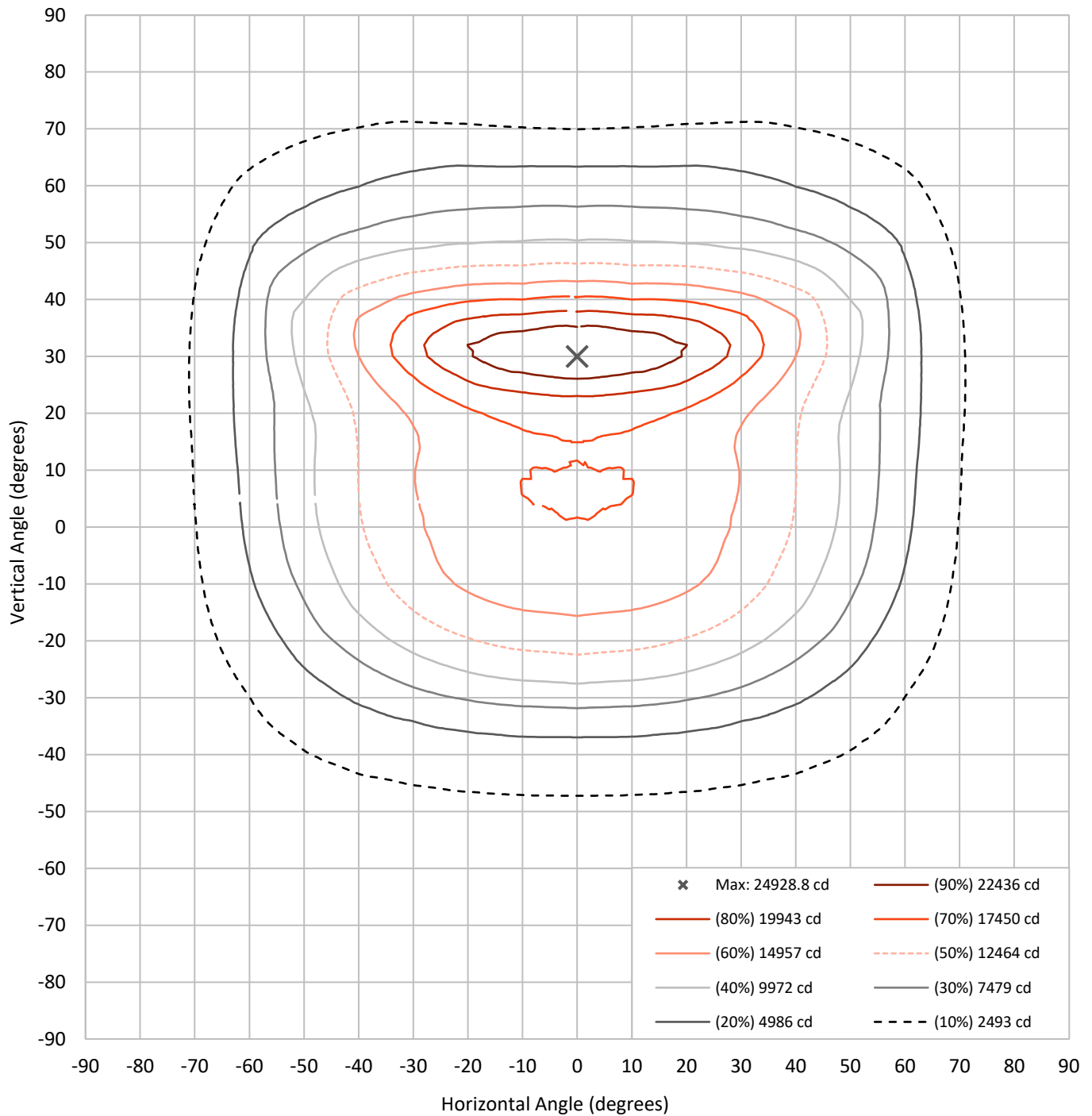
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41612.4 lumens	Max Intensity:	24928.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	130.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24198.1 lumens	Field Lumens:	38996.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320
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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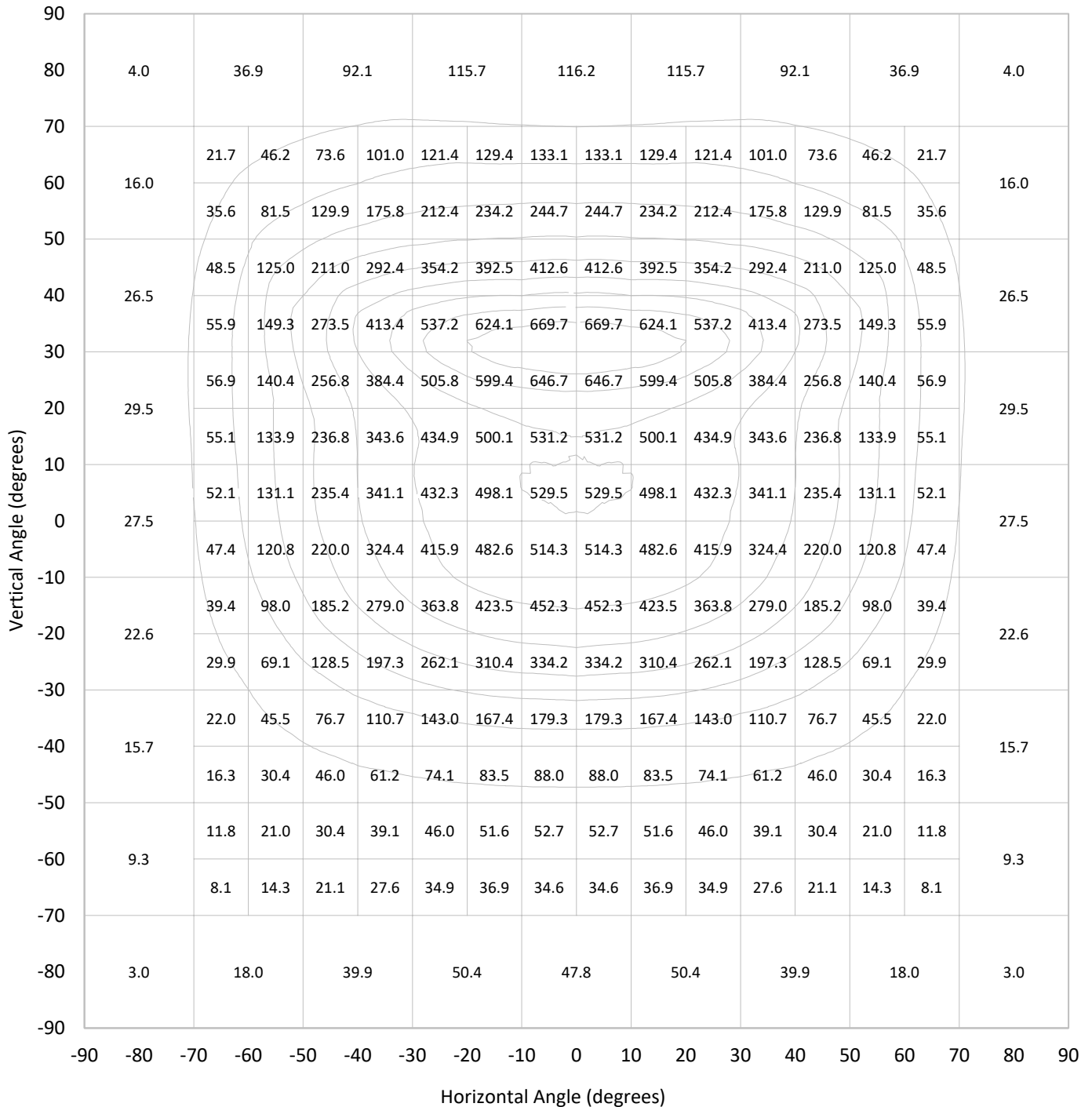
Iso-Candela Plot





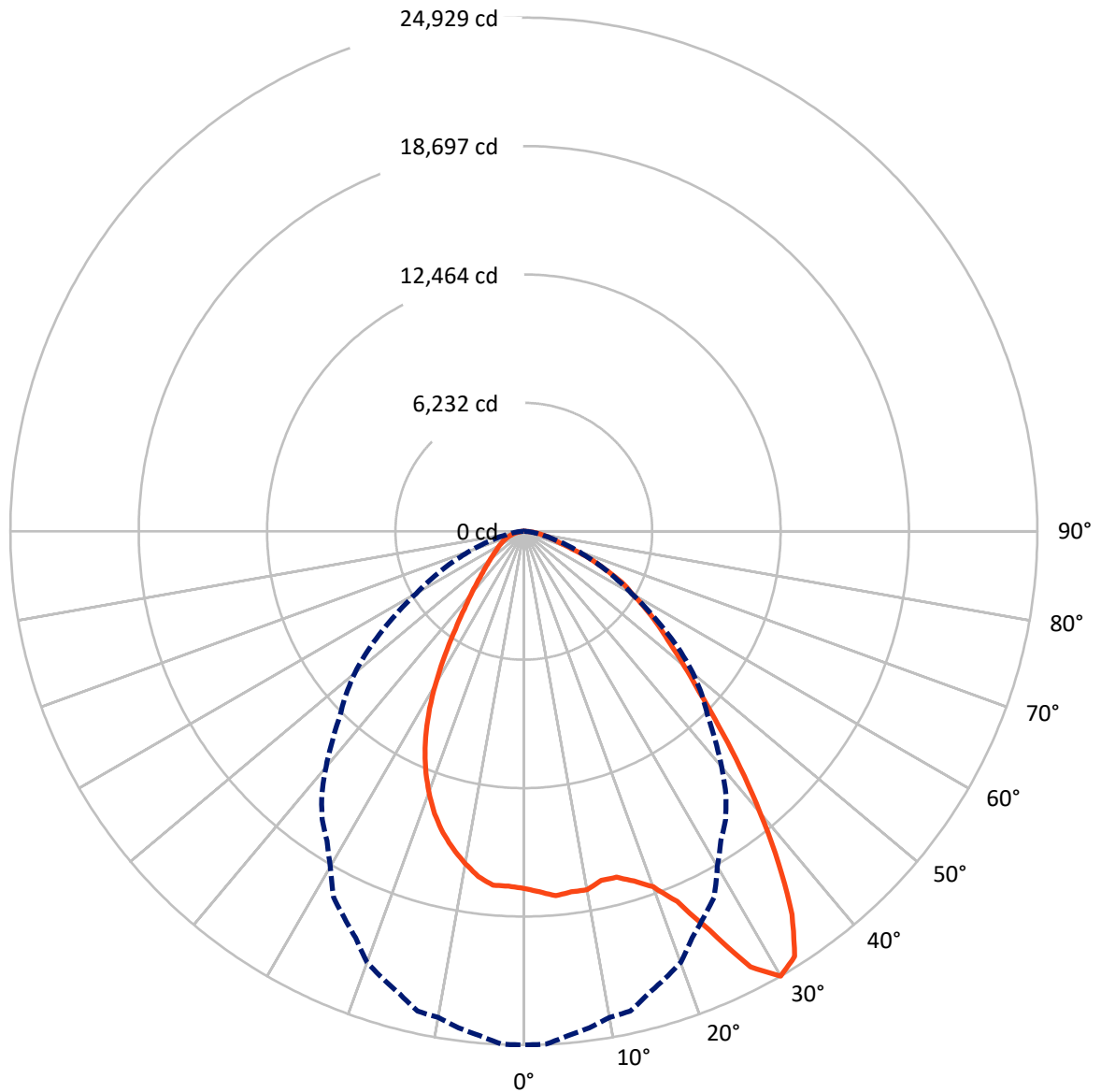
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Lumen Table



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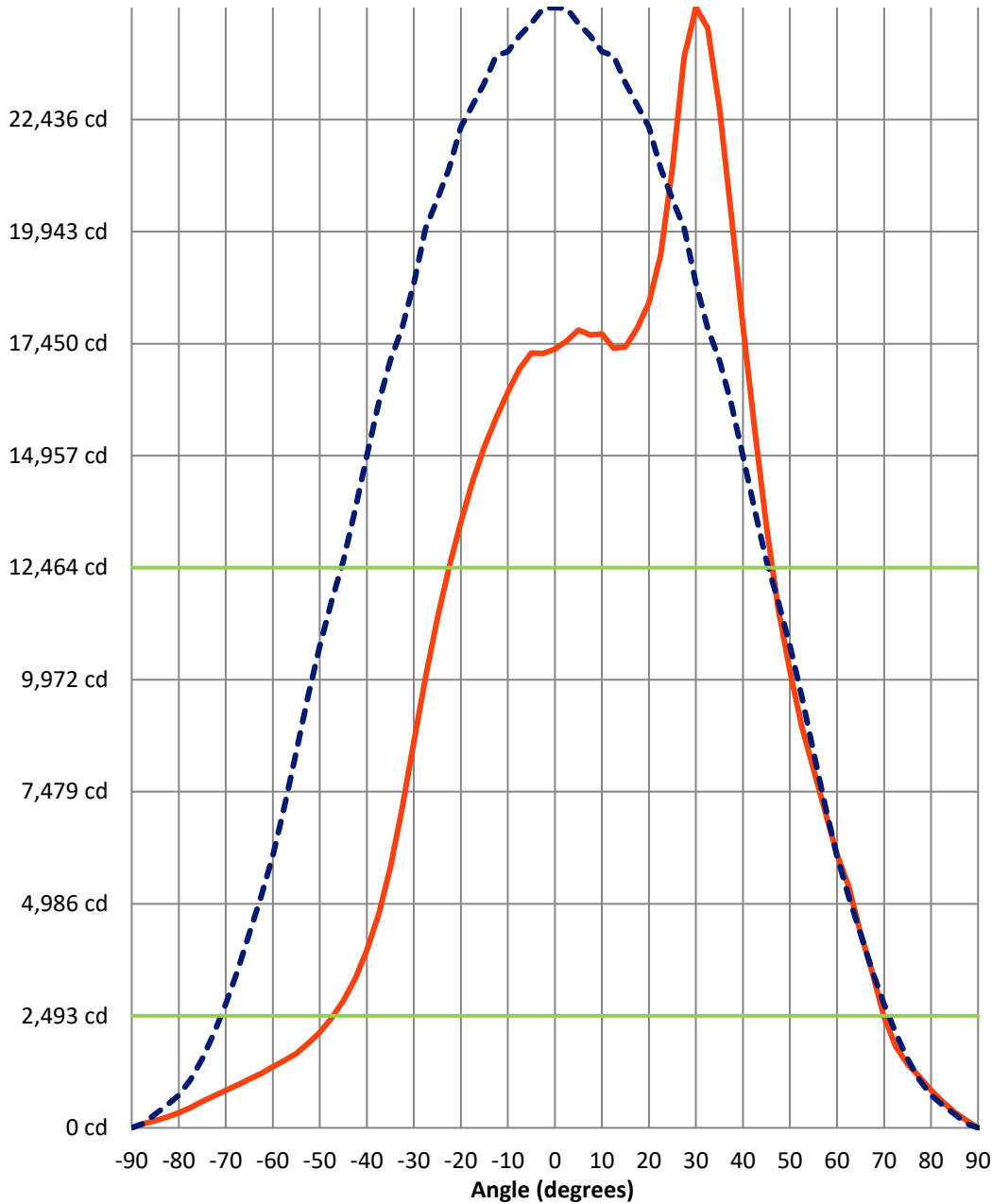
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 24198.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 38996.2
 Efficiency: 93.7%

Spill:
 Lumens: 2616.2
 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°	167.5	171.9	176.3	176.3	171.9	171.9	171.9	167.5	171.9	171.9	171.9
85°	348.3	357.1	365.9	361.5	357.1	348.3	339.4	343.8	348.3	352.7	352.7
82.5°	577.5	590.7	599.5	595.1	586.3	577.5	568.7	573.1	581.9	586.3	586.3
80°	837.6	842.0	846.4	855.2	842.0	842.0	837.6	855.2	864.0	872.8	881.7
77.5°	1137.3	1141.7	1141.7	1146.2	1150.6	1155.0	1155.0	1185.8	1207.9	1221.1	1234.3
75°	1419.5	1432.7	1445.9	1459.1	1476.8	1485.6	1498.8	1542.9	1578.2	1604.6	1631.1
72.5°	1807.4	1825.0	1847.1	1877.9	1908.8	1930.8	1961.7	2014.6	2054.3	2080.7	2111.6
70°	2473.0	2490.7	2512.7	2534.8	2565.6	2587.7	2618.5	2684.6	2724.3	2741.9	2759.6
67.5°	3460.5	3504.6	3544.2	3500.2	3478.1	3447.3	3456.1	3517.8	3557.5	3583.9	3579.5
65°	4337.7	4368.6	4368.6	4364.2	4346.6	4306.9	4328.9	4403.9	4447.9	4470.0	4403.9
62.5°	5369.3	5369.3	5347.2	5382.5	5386.9	5360.5	5347.2	5351.6	5356.0	5369.3	5259.1
60°	6083.4	6127.5	6140.7	6171.6	6180.4	6180.4	6202.4	6220.1	6220.1	6193.6	6065.8
57.5°	7026.8	7110.5	7128.2	7106.1	7062.0	7004.7	6995.9	6969.5	6916.6	6863.7	6802.0
55°	7979.0	8023.1	8018.6	8005.4	7961.3	7895.2	7904.0	7868.8	7785.0	7718.9	7635.1
52.5°	8935.6	9041.4	9059.0	9032.5	8970.8	8900.3	8904.7	8865.0	8781.3	8710.7	8596.1
50°	10156.7	10244.8	10236.0	10191.9	10103.8	10050.9	10055.3	9980.3	9883.3	9861.3	9711.4
47.5°	11554.1	11655.5	11637.8	11576.1	11457.1	11435.1	11457.1	11360.1	11302.8	11254.3	11078.0
45°	13387.9	13506.9	13440.8	13321.8	13132.2	13154.3	13185.1	13167.5	13044.1	12916.2	12691.4
42.5°	15539.2	15614.1	15534.7	15415.7	15177.7	15221.8	15204.1	15098.3	15023.4	14811.8	14525.2
40°	17840.3	18003.4	17879.9	17694.8	17447.9	17514.1	17465.6	17328.9	17152.6	16888.1	16526.6
37.5°	20322.1	20450.0	20308.9	20092.9	19872.5	19850.4	19753.5	19541.9	19290.6	18999.6	18422.2
35°	22698.2	23028.8	22768.7	22424.9	22156.0	22054.6	21962.0	21472.7	21186.1	20714.5	19925.4
32.5°	24465.9	24708.4	24386.5	24029.5	23703.3	23562.2	23236.0	22654.1	22499.8	21507.9	20785.0
30°	24928.8	24911.1	24576.1	24302.8	23950.1	23853.1	23253.6	22759.9	22266.2	21349.2	20661.6
27.5°	23826.7	23716.5	23394.7	23156.6	22808.4	22693.8	22103.1	21838.6	21075.9	20300.1	19718.2
25°	21371.3	21428.6	21186.1	21067.1	20837.9	20591.0	20357.4	20000.3	19524.2	18845.4	18312.0
22.5°	19436.1	19511.0	19409.6	19268.5	19092.2	18955.6	18779.2	18501.5	18043.0	17624.3	17121.7
20°	18360.4	18338.4	18250.2	18144.4	17976.9	17879.9	17686.0	17452.3	17099.7	16738.2	16196.0
17.5°	17796.2	17659.5	17575.8	17536.1	17447.9	17324.5	17095.3	16857.2	16583.9	16173.9	15777.2
15°	17377.4	17399.4	17333.3	17302.5	17231.9	17060.0	16826.4	16632.4	16262.1	16054.9	15693.4
12.5°	17350.9	17328.9	17333.3	17320.1	17231.9	17011.5	16892.5	16645.6	16407.6	16134.3	15719.9
10°	17663.9	17430.3	17447.9	17509.6	17368.6	17192.3	17064.4	16795.5	16570.7	16222.4	15812.5
7.5°	17646.3	17527.3	17562.5	17461.2	17505.2	17289.2	17112.9	16844.0	16561.9	16191.6	15821.3
5°	17752.1	17571.4	17540.5	17549.3	17439.1	17276.0	17038.0	16782.3	16517.8	16103.4	15724.3
2.5°	17509.6	17536.1	17395.0	17342.1	17328.9	17055.6	16835.2	16588.3	16315.0	15949.1	15609.7
0°	17328.9	17377.4	17231.9	17157.0	17152.6	16918.9	16777.9	16495.7	16301.8	15997.6	15587.6
-2.5°	17231.9	17289.2	17306.9	17170.2	17038.0	16857.2	16619.2	16315.0	15997.6	15644.9	15292.3
-5°	17240.7	17126.1	17077.6	17121.7	17007.1	16826.4	16561.9	16293.0	15980.0	15600.9	15160.0
-7.5°	16892.5	16777.9	16769.1	16747.0	16720.6	16548.6	16328.2	16037.3	15719.9	15367.2	14957.3
-10°	16372.3	16288.6	16266.5	16244.5	16173.9	16072.6	15865.4	15600.9	15314.3	14961.7	14525.2
-12.5°	15794.8	15755.2	15671.4	15614.1	15543.6	15424.5	15226.2	14983.7	14697.2	14384.2	14009.5
-15°	15155.6	15080.7	14996.9	14948.4	14847.1	14706.0	14507.6	14282.8	13969.8	13661.2	13308.6
-17.5°	14384.2	14291.6	14199.0	14185.8	14115.3	13899.3	13714.1	13440.8	13167.5	12872.1	12528.3
-20°	13476.1	13348.2	13286.5	13251.3	13154.3	12995.6	12797.2	12545.9	12281.4	11999.3	11602.6



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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°	12471.0	12360.8	12255.0	12188.9	12105.1	11981.7	11792.1	11571.7	11311.6	10994.2	10628.3
-25°	11329.3	11175.0	11108.8	11033.9	10989.8	10875.2	10690.1	10487.3	10218.4	9909.8	9561.5
-27.5°	10024.4	9901.0	9865.7	9759.9	9707.0	9588.0	9433.7	9244.1	8997.3	8706.3	8419.8
-30°	8582.9	8508.0	8450.7	8344.9	8305.2	8177.3	8075.9	7917.3	7692.4	7485.2	7256.0
-32.5°	7101.7	7026.8	7009.1	6960.7	6934.2	6850.5	6735.8	6621.2	6440.5	6286.2	6101.0
-35°	5788.1	5735.2	5739.6	5735.2	5708.7	5647.0	5505.9	5475.1	5342.8	5201.8	5082.7
-37.5°	4738.9	4743.3	4738.9	4734.5	4699.2	4672.8	4571.4	4531.7	4452.4	4315.7	4245.2
-40°	3949.8	3958.6	3954.2	3945.4	3905.7	3892.5	3826.4	3773.5	3742.6	3645.6	3570.7
-42.5°	3310.6	3323.8	3319.4	3315.0	3288.6	3284.2	3248.9	3187.2	3169.5	3112.2	3032.9
-45°	2825.7	2821.3	2812.5	2821.3	2808.1	2794.8	2772.8	2733.1	2711.1	2684.6	2618.5
-47.5°	2442.2	2446.6	2437.8	2437.8	2420.1	2406.9	2398.1	2371.6	2354.0	2332.0	2292.3
-50°	2124.8	2142.4	2138.0	2133.6	2120.4	2111.6	2111.6	2085.1	2058.7	2049.8	2023.4
-52.5°	1877.9	1891.1	1895.6	1904.4	1908.8	1913.2	1900.0	1873.5	1829.4	1825.0	1811.8
-55°	1653.1	1692.8	1719.2	1736.9	1754.5	1767.7	1741.3	1706.0	1661.9	1644.3	1639.9
-57.5°	1498.8	1538.5	1569.3	1595.8	1617.8	1639.9	1613.4	1578.2	1538.5	1516.4	1512.0
-60°	1357.7	1393.0	1423.9	1459.1	1490.0	1525.3	1512.0	1485.6	1463.5	1445.9	1428.3
-62.5°	1207.9	1243.1	1278.4	1322.5	1362.2	1397.4	1401.8	1397.4	1393.0	1397.4	1366.6
-65°	1084.4	1102.1	1124.1	1172.6	1216.7	1256.4	1278.4	1291.6	1313.7	1335.7	1304.8
-67.5°	952.2	974.2	1000.7	1035.9	1071.2	1097.7	1128.5	1163.8	1199.0	1234.3	1212.3
-70°	833.2	850.8	872.8	890.5	912.5	930.1	956.6	996.3	1035.9	1071.2	1062.4
-72.5°	709.7	727.4	740.6	749.4	762.6	771.4	784.7	819.9	846.4	864.0	864.0
-75°	586.3	603.9	617.2	621.6	630.4	634.8	643.6	656.8	670.1	674.5	678.9
-77.5°	449.6	467.3	480.5	489.3	498.1	507.0	511.4	520.2	524.6	524.6	529.0
-80°	335.0	348.3	357.1	370.3	374.7	383.5	392.3	396.7	401.2	401.2	405.6
-82.5°	238.0	246.9	255.7	264.5	273.3	277.7	286.5	290.9	295.4	299.8	304.2
-85°	158.7	167.5	176.3	185.1	189.6	194.0	198.4	202.8	207.2	211.6	216.0
-87.5°	92.6	97.0	101.4	110.2	114.6	123.4	127.8	123.4	127.8	127.8	127.8
-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°	171.9	171.9	171.9	171.9	167.5	158.7	154.3	145.5	136.7	127.8	119.0
85°	357.1	361.5	361.5	361.5	352.7	348.3	335.0	321.8	304.2	277.7	255.7
82.5°	595.1	599.5	599.5	595.1	586.3	573.1	555.4	533.4	498.1	462.9	432.0
80°	894.9	899.3	899.3	894.9	872.8	850.8	828.8	802.3	758.2	709.7	656.8
77.5°	1251.9	1260.8	1260.8	1247.5	1216.7	1190.2	1155.0	1110.9	1044.8	974.2	903.7
75°	1666.3	1688.4	1692.8	1679.6	1639.9	1591.4	1534.1	1459.1	1357.7	1269.6	1185.8
72.5°	2146.8	2168.9	2186.5	2168.9	2111.6	2045.4	1961.7	1873.5	1772.1	1653.1	1512.0
70°	2777.2	2799.3	2812.5	2755.2	2653.8	2543.6	2442.2	2340.8	2221.8	2076.3	1922.0
67.5°	3570.7	3548.7	3522.2	3407.6	3279.8	3147.5	3006.4	2856.6	2702.3	2548.0	2367.2
65°	4333.3	4271.6	4214.3	4077.6	3914.5	3742.6	3579.5	3412.0	3226.9	3032.9	2861.0
62.5°	5135.6	5003.4	4862.3	4694.8	4527.3	4337.7	4174.6	3976.3	3769.1	3531.0	3310.6
60°	5924.7	5766.0	5625.0	5417.8	5197.3	4941.7	4765.3	4571.4	4328.9	4073.2	3813.2
57.5°	6687.3	6515.4	6361.1	6180.4	5942.3	5664.6	5470.7	5219.4	4963.7	4641.9	4377.4
55°	7498.5	7326.5	7203.1	7000.3	6740.2	6484.6	6273.0	6008.5	5651.4	5307.6	4981.3
52.5°	8428.6	8292.0	8159.7	7952.5	7639.5	7379.4	7145.8	6850.5	6475.7	6052.6	5660.2
50°	9469.0	9398.4	9257.4	9014.9	8657.8	8428.6	8120.0	7727.7	7326.5	6881.3	6392.0
47.5°	10848.8	10734.1	10535.8	10271.3	9971.5	9627.7	9213.3	8754.8	8186.2	7692.4	7172.3
45°	12497.4	12285.8	12030.2	11673.1	11302.8	10914.9	10460.8	9878.9	9116.3	8472.7	7926.1
42.5°	14282.8	13996.3	13648.0	13180.7	12700.2	12224.1	11734.8	10941.3	9989.1	9248.5	8631.4
40°	16147.5	15781.6	15345.2	14666.3	14132.9	13520.2	12960.3	11774.5	10760.6	9958.3	9301.4
37.5°	17972.5	17509.6	16777.9	15953.5	15332.0	14829.4	13599.5	12329.9	11421.8	10540.2	9874.5
35°	19369.9	18977.6	17686.0	16830.8	16297.4	15503.9	13965.4	12665.0	11704.0	10972.2	9936.2
32.5°	20198.7	19184.8	18051.9	17187.8	16747.0	15446.6	13991.8	12761.9	11836.2	11016.3	9777.5
30°	20013.5	18788.0	17796.2	17073.2	16116.6	14948.4	13745.0	12612.1	11712.8	10720.9	9601.2
27.5°	18898.3	17950.5	17064.4	16310.6	15371.6	14322.5	13211.6	12215.3	11377.7	10416.7	9358.8
25°	17637.5	16777.9	16121.0	15464.2	14573.7	13573.1	12594.4	11875.9	11033.9	10086.1	9041.4
22.5°	16478.1	15861.0	15345.2	14657.5	13789.1	12916.2	12307.9	11562.9	10698.9	9737.9	8715.1
20°	15737.5	15318.7	14728.0	13969.8	13286.5	12739.9	12065.4	11276.4	10385.9	9380.8	8437.4
17.5°	15380.5	14895.5	14238.7	13745.0	13220.4	12620.9	11867.1	11029.5	10081.7	9217.7	8468.3
15°	15195.3	14683.9	14251.9	13767.0	13176.3	12545.9	11708.4	10839.9	10081.7	9283.8	8490.3
12.5°	15235.0	14794.2	14322.5	13793.5	13158.7	12484.2	11726.0	10919.3	10134.6	9332.3	8494.7
10°	15358.4	14895.5	14393.0	13806.7	13167.5	12501.9	11774.5	10967.8	10161.1	9354.3	8485.9
7.5°	15402.5	14900.0	14362.1	13771.4	13145.5	12493.0	11783.3	10981.0	10165.5	9349.9	8459.5
5°	15265.8	14811.8	14291.6	13696.5	13083.7	12449.0	11748.0	10963.4	10130.2	9305.9	8393.3
2.5°	15080.7	14714.8	14216.7	13643.6	13022.0	12387.2	11690.7	10884.0	10050.9	9226.5	8309.6
0°	15049.8	14595.8	14093.2	13581.9	12920.6	12250.6	11558.5	10734.1	9905.4	9076.6	8164.1
-2.5°	14847.1	14366.6	13864.0	13308.6	12726.7	12052.2	11324.8	10518.1	9698.2	8882.7	8005.4
-5°	14692.8	14159.4	13626.0	13026.4	12440.1	11765.7	11011.9	10227.2	9424.9	8631.4	7785.0
-7.5°	14485.6	13938.9	13379.1	12753.1	12118.3	11430.6	10685.6	9901.0	9111.9	8322.8	7511.7
-10°	14066.8	13586.3	13061.7	12413.7	11743.6	11055.9	10315.4	9543.9	8754.8	7956.9	7141.4
-12.5°	13559.8	13052.9	12479.8	11884.7	11285.2	10646.0	9905.4	9147.2	8353.7	7551.4	6740.2
-15°	12903.0	12404.9	11818.6	11236.7	10659.2	10046.4	9394.0	8710.7	7904.0	7114.9	6303.8
-17.5°	12083.1	11615.8	11091.2	10535.8	9962.7	9345.5	8710.7	8133.3	7379.4	6638.9	5836.5
-20°	11201.4	10765.0	10293.3	9768.7	9195.7	8591.7	7992.2	7388.3	6735.8	6083.4	5338.4



REPORT NUMBER: P722101
 CATALOG NUMBER: IFLD-L-SA8B-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10284.5	9843.7	9367.6	8878.3	8349.3	7789.4	7234.0	6656.5	6083.4	5492.7	4862.3
-25°	9226.5	8838.6	8402.2	7926.1	7454.4	6965.1	6436.1	5911.5	5422.2	4910.8	4395.0
-27.5°	8120.0	7763.0	7366.2	6951.8	6546.3	6136.3	5677.9	5192.9	4787.4	4364.2	3936.6
-30°	6956.2	6669.7	6347.9	5986.4	5673.4	5342.8	4959.3	4558.2	4187.9	3866.1	3522.2
-32.5°	5854.2	5611.7	5382.5	5144.5	4835.9	4580.2	4315.7	4020.3	3694.1	3390.0	3143.1
-35°	4906.4	4646.3	4549.3	4373.0	4152.6	3927.8	3733.8	3522.2	3275.3	3006.4	2803.7
-37.5°	4108.5	3954.2	3817.6	3720.6	3575.1	3394.4	3240.1	3085.8	2896.2	2693.5	2490.7
-40°	3486.9	3381.1	3231.3	3182.8	3090.2	2966.8	2808.1	2689.0	2561.2	2406.9	2235.0
-42.5°	2988.8	2909.5	2812.5	2728.7	2689.0	2600.9	2477.4	2362.8	2261.4	2155.6	2023.4
-45°	2578.8	2525.9	2464.2	2389.3	2358.4	2287.9	2199.7	2071.9	2014.6	1926.4	1829.4
-47.5°	2248.2	2221.8	2177.7	2129.2	2085.1	2032.2	1952.9	1873.5	1794.2	1736.9	1661.9
-50°	1988.1	1970.5	1944.0	1904.4	1847.1	1811.8	1758.9	1688.4	1613.4	1564.9	1512.0
-52.5°	1780.9	1763.3	1745.7	1714.8	1670.7	1635.5	1591.4	1534.1	1472.4	1423.9	1379.8
-55°	1622.2	1595.8	1582.6	1556.1	1520.9	1481.2	1441.5	1401.8	1348.9	1304.8	1260.8
-57.5°	1498.8	1463.5	1445.9	1423.9	1388.6	1348.9	1318.1	1278.4	1243.1	1194.6	1155.0
-60°	1401.8	1362.2	1326.9	1304.8	1274.0	1234.3	1203.5	1172.6	1137.3	1097.7	1049.2
-62.5°	1322.5	1274.0	1225.5	1199.0	1168.2	1132.9	1102.1	1071.2	1035.9	996.3	952.2
-65°	1247.5	1190.2	1128.5	1102.1	1071.2	1035.9	996.3	974.2	943.4	908.1	864.0
-67.5°	1155.0	1093.3	1040.4	1009.5	978.6	947.8	912.5	890.5	859.6	815.5	771.4
-70°	1018.3	978.6	943.4	916.9	890.5	864.0	828.8	793.5	758.2	718.5	678.9
-72.5°	846.4	833.2	828.8	815.5	784.7	753.8	718.5	683.3	652.4	621.6	590.7
-75°	683.3	692.1	700.9	696.5	665.6	634.8	603.9	573.1	551.0	524.6	498.1
-77.5°	542.2	551.0	559.9	559.9	537.8	520.2	498.1	476.1	458.5	436.4	410.0
-80°	418.8	432.0	445.2	454.1	436.4	423.2	405.6	387.9	370.3	352.7	335.0
-82.5°	317.4	330.6	343.8	352.7	339.4	330.6	317.4	304.2	290.9	273.3	260.1
-85°	229.2	238.0	246.9	251.3	242.5	233.6	224.8	216.0	207.2	194.0	185.1
-87.5°	132.2	136.7	141.1	145.5	136.7	127.8	123.4	114.6	110.2	101.4	97.0
-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-L-SA8B-740-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°	110.2	101.4	92.6	88.2	79.3	66.1	57.3	48.5	39.7	30.9	26.4
85°	233.6	211.6	185.1	171.9	154.3	136.7	119.0	101.4	83.8	66.1	48.5
82.5°	401.2	374.7	348.3	317.4	277.7	229.2	180.7	149.9	123.4	97.0	74.9
80°	603.9	555.4	511.4	471.7	427.6	365.9	299.8	238.0	167.5	127.8	97.0
77.5°	837.6	780.3	718.5	652.4	581.9	498.1	423.2	343.8	260.1	176.3	123.4
75°	1102.1	1027.1	943.4	850.8	758.2	648.0	542.2	449.6	352.7	246.9	149.9
72.5°	1397.4	1304.8	1203.5	1080.0	934.6	806.7	678.9	555.4	440.8	313.0	202.8
70°	1776.5	1631.1	1481.2	1348.9	1163.8	961.0	811.1	670.1	524.6	383.5	255.7
67.5°	2182.1	2005.8	1825.0	1631.1	1397.4	1159.4	943.4	784.7	612.7	449.6	304.2
65°	2622.9	2402.5	2173.3	1957.3	1635.5	1353.3	1110.9	894.9	696.5	511.4	352.7
62.5°	3077.0	2816.9	2552.4	2270.3	1900.0	1551.7	1269.6	1018.3	775.9	568.7	396.7
60°	3561.9	3257.7	2935.9	2583.2	2151.2	1767.7	1419.5	1146.2	859.6	626.0	445.2
57.5°	4073.2	3742.6	3363.5	2887.4	2411.3	1974.9	1591.4	1260.8	934.6	678.9	480.5
55°	4628.7	4249.6	3835.2	3204.8	2667.0	2182.1	1763.3	1375.4	1013.9	723.0	515.8
52.5°	5228.2	4787.4	4262.8	3539.8	2935.9	2393.7	1922.0	1476.8	1088.8	771.4	546.6
50°	5898.3	5342.8	4637.5	3848.4	3169.5	2592.1	2080.7	1587.0	1150.6	824.3	573.1
47.5°	6594.8	5995.2	4972.5	4135.0	3407.6	2786.0	2243.8	1684.0	1212.3	868.4	599.5
45°	7322.1	6449.3	5320.8	4390.6	3614.8	2962.4	2367.2	1772.1	1287.2	908.1	621.6
42.5°	8040.7	6793.1	5625.0	4646.3	3808.7	3121.1	2468.6	1855.9	1348.9	947.8	643.6
40°	8380.1	7053.2	5867.4	4822.6	3971.9	3262.1	2556.8	1930.8	1401.8	974.2	665.6
37.5°	8521.2	7211.9	6026.1	4990.2	4099.7	3337.1	2631.7	1996.9	1445.9	1000.7	683.3
35°	8552.0	7269.2	6105.5	5104.8	4205.5	3407.6	2689.0	2045.4	1481.2	1027.1	700.9
32.5°	8494.7	7251.6	6127.5	5144.5	4271.6	3460.5	2728.7	2080.7	1507.6	1053.6	718.5
30°	8366.9	7159.0	6048.1	5140.0	4320.1	3491.3	2755.2	2107.2	1534.1	1071.2	727.4
27.5°	8159.7	6995.9	5946.8	5144.5	4346.6	3504.6	2768.4	2120.4	1551.7	1084.4	745.0
25°	7904.0	6775.5	5951.2	5135.6	4351.0	3509.0	2768.4	2120.4	1556.1	1088.8	758.2
22.5°	7608.7	6775.5	5951.2	5122.4	4324.5	3500.2	2755.2	2111.6	1556.1	1097.7	771.4
20°	7626.3	6779.9	5937.9	5096.0	4284.8	3473.7	2724.3	2089.5	1542.9	1110.9	780.3
17.5°	7639.5	6771.1	5911.5	5060.7	4231.9	3429.6	2684.6	2058.7	1542.9	1124.1	784.7
15°	7639.5	6744.7	5871.8	5007.8	4165.8	3367.9	2627.3	2032.2	1547.3	1128.5	793.5
12.5°	7626.3	6696.2	5810.1	4937.3	4086.5	3293.0	2592.1	2023.4	1547.3	1132.9	793.5
10°	7599.9	6630.0	5730.8	4849.1	4011.5	3266.5	2574.4	2005.8	1538.5	1132.9	793.5
7.5°	7551.4	6550.7	5664.6	4796.2	3967.4	3235.7	2548.0	1979.3	1525.3	1124.1	802.3
5°	7476.4	6506.6	5611.7	4734.5	3905.7	3213.6	2530.3	1957.3	1516.4	1124.1	793.5
2.5°	7379.4	6453.7	5550.0	4655.1	3835.2	3138.7	2473.0	1908.8	1485.6	1106.5	784.7
0°	7220.7	6347.9	5444.2	4544.9	3738.2	3063.7	2415.7	1860.3	1454.7	1088.8	775.9
-2.5°	7075.3	6206.8	5307.6	4430.3	3645.6	2997.6	2371.6	1833.8	1441.5	1084.4	771.4
-5°	6872.5	6012.9	5126.8	4280.4	3522.2	2931.5	2327.6	1803.0	1428.3	1075.6	771.4
-7.5°	6647.7	5810.1	4937.3	4126.1	3398.8	2816.9	2243.8	1754.5	1397.4	1058.0	767.0
-10°	6299.4	5505.9	4699.2	3949.8	3266.5	2715.5	2173.3	1710.4	1371.0	1040.4	749.4
-12.5°	5929.1	5170.9	4425.9	3733.8	3116.6	2609.7	2093.9	1661.9	1340.1	1022.7	740.6
-15°	5536.8	4827.1	4139.4	3509.0	2953.5	2481.9	2010.2	1609.0	1309.3	1000.7	727.4
-17.5°	5126.8	4465.6	3844.0	3279.8	2790.4	2349.6	1922.0	1560.5	1274.0	978.6	714.1
-20°	4694.8	4095.3	3544.2	3046.1	2618.5	2217.4	1829.4	1503.2	1234.3	952.2	696.5



REPORT NUMBER: P722101
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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°	4267.2	3729.4	3235.7	2816.9	2442.2	2080.7	1736.9	1445.9	1190.2	921.3	683.3
-25°	3888.1	3385.6	2962.4	2596.5	2270.3	1948.5	1639.9	1388.6	1141.7	890.5	665.6
-27.5°	3517.8	3090.2	2693.5	2389.3	2102.7	1820.6	1547.3	1326.9	1093.3	855.2	648.0
-30°	3174.0	2808.1	2481.9	2186.5	1944.0	1706.0	1468.0	1265.2	1040.4	819.9	626.0
-32.5°	2861.0	2565.6	2292.3	2010.2	1794.2	1591.4	1393.0	1203.5	987.5	784.7	603.9
-35°	2570.0	2340.8	2102.7	1864.7	1644.3	1485.6	1313.7	1137.3	939.0	745.0	581.9
-37.5°	2309.9	2124.8	1935.2	1732.4	1542.9	1384.2	1238.7	1071.2	890.5	709.7	559.9
-40°	2085.1	1935.2	1767.7	1604.6	1445.9	1296.0	1163.8	1005.1	842.0	683.3	537.8
-42.5°	1877.9	1763.3	1626.7	1490.0	1348.9	1216.7	1088.8	934.6	793.5	652.4	515.8
-45°	1719.2	1604.6	1494.4	1371.0	1251.9	1137.3	1009.5	872.8	749.4	617.2	493.7
-47.5°	1569.3	1468.0	1366.6	1265.2	1168.2	1062.4	934.6	819.9	700.9	586.3	476.1
-50°	1437.1	1340.1	1251.9	1163.8	1080.0	978.6	859.6	767.0	661.2	555.4	454.1
-52.5°	1313.7	1229.9	1141.7	1071.2	1000.7	899.3	802.3	714.1	621.6	520.2	432.0
-55°	1203.5	1124.1	1044.8	978.6	912.5	824.3	745.0	670.1	581.9	493.7	410.0
-57.5°	1097.7	1031.5	956.6	894.9	828.8	758.2	692.1	621.6	542.2	467.3	387.9
-60°	1000.7	939.0	872.8	811.1	753.8	696.5	634.8	577.5	507.0	436.4	365.9
-62.5°	903.7	850.8	793.5	731.8	687.7	634.8	586.3	529.0	471.7	410.0	326.2
-65°	815.5	767.0	714.1	661.2	621.6	581.9	537.8	484.9	436.4	379.1	290.9
-67.5°	727.4	683.3	639.2	595.1	559.9	529.0	484.9	445.2	405.6	343.8	255.7
-70°	643.6	608.3	568.7	533.4	507.0	471.7	440.8	405.6	370.3	299.8	216.0
-72.5°	564.3	529.0	498.1	471.7	449.6	418.8	392.3	365.9	317.4	251.3	180.7
-75°	471.7	449.6	432.0	410.0	387.9	365.9	343.8	313.0	264.5	202.8	141.1
-77.5°	387.9	374.7	361.5	343.8	326.2	308.6	282.1	251.3	211.6	158.7	114.6
-80°	317.4	304.2	295.4	277.7	264.5	246.9	220.4	194.0	154.3	123.4	92.6
-82.5°	242.5	233.6	224.8	216.0	202.8	185.1	158.7	136.7	114.6	92.6	70.5
-85°	171.9	167.5	158.7	149.9	136.7	123.4	105.8	92.6	79.3	61.7	48.5
-87.5°	88.2	83.8	79.3	74.9	70.5	61.7	52.9	44.1	39.7	30.9	22.0
-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-L-SA8B-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	17.6	13.2	4.4	0.0
85°	35.3	22.0	8.8	0.0
82.5°	52.9	35.3	13.2	0.0
80°	70.5	44.1	22.0	0.0
77.5°	88.2	52.9	26.4	0.0
75°	105.8	66.1	30.9	0.0
72.5°	119.0	74.9	35.3	0.0
70°	141.1	88.2	39.7	0.0
67.5°	176.3	97.0	44.1	0.0
65°	207.2	105.8	48.5	0.0
62.5°	242.5	114.6	52.9	0.0
60°	273.3	123.4	57.3	0.0
57.5°	304.2	145.5	61.7	0.0
55°	330.6	163.1	66.1	0.0
52.5°	361.5	180.7	70.5	0.0
50°	387.9	198.4	74.9	0.0
47.5°	410.0	216.0	74.9	0.0
45°	427.6	229.2	79.3	0.0
42.5°	440.8	242.5	83.8	0.0
40°	454.1	255.7	88.2	0.0
37.5°	467.3	268.9	88.2	0.0
35°	480.5	282.1	92.6	0.0
32.5°	493.7	295.4	92.6	0.0
30°	502.5	304.2	97.0	0.0
27.5°	515.8	313.0	97.0	0.0
25°	520.2	321.8	101.4	0.0
22.5°	529.0	326.2	101.4	0.0
20°	537.8	335.0	101.4	0.0
17.5°	542.2	339.4	105.8	0.0
15°	542.2	343.8	110.2	0.0
12.5°	546.6	348.3	110.2	0.0
10°	546.6	357.1	105.8	0.0
7.5°	555.4	352.7	105.8	0.0
5°	551.0	352.7	105.8	0.0
2.5°	546.6	348.3	105.8	0.0
0°	542.2	348.3	105.8	0.0
-2.5°	542.2	348.3	105.8	0.0
-5°	542.2	348.3	105.8	0.0
-7.5°	537.8	352.7	105.8	0.0
-10°	529.0	352.7	105.8	0.0
-12.5°	524.6	339.4	105.8	0.0
-15°	520.2	335.0	105.8	0.0
-17.5°	511.4	330.6	101.4	0.0
-20°	502.5	326.2	101.4	0.0



REPORT NUMBER: P722101
 CATALOG NUMBER: IFLD-L-SA8B-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	493.7	317.4	101.4	0.0
-25°	484.9	308.6	97.0	0.0
-27.5°	476.1	299.8	97.0	0.0
-30°	462.9	290.9	92.6	0.0
-32.5°	449.6	282.1	92.6	0.0
-35°	440.8	268.9	88.2	0.0
-37.5°	427.6	255.7	88.2	0.0
-40°	414.4	242.5	83.8	0.0
-42.5°	401.2	229.2	79.3	0.0
-45°	383.5	216.0	79.3	0.0
-47.5°	370.3	202.8	74.9	0.0
-50°	348.3	185.1	70.5	0.0
-52.5°	321.8	167.5	66.1	0.0
-55°	295.4	154.3	61.7	0.0
-57.5°	268.9	136.7	61.7	0.0
-60°	242.5	119.0	57.3	0.0
-62.5°	216.0	110.2	52.9	0.0
-65°	189.6	101.4	48.5	0.0
-67.5°	158.7	88.2	44.1	0.0
-70°	132.2	79.3	39.7	0.0
-72.5°	114.6	70.5	35.3	0.0
-75°	97.0	61.7	30.9	0.0
-77.5°	83.8	52.9	26.4	0.0
-80°	66.1	39.7	17.6	0.0
-82.5°	48.5	30.9	13.2	0.0
-85°	30.9	22.0	8.8	0.0
-87.5°	17.6	8.8	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)