

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: P722182

Luminaire Tested: **IFLD-L-SA7A-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722182  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

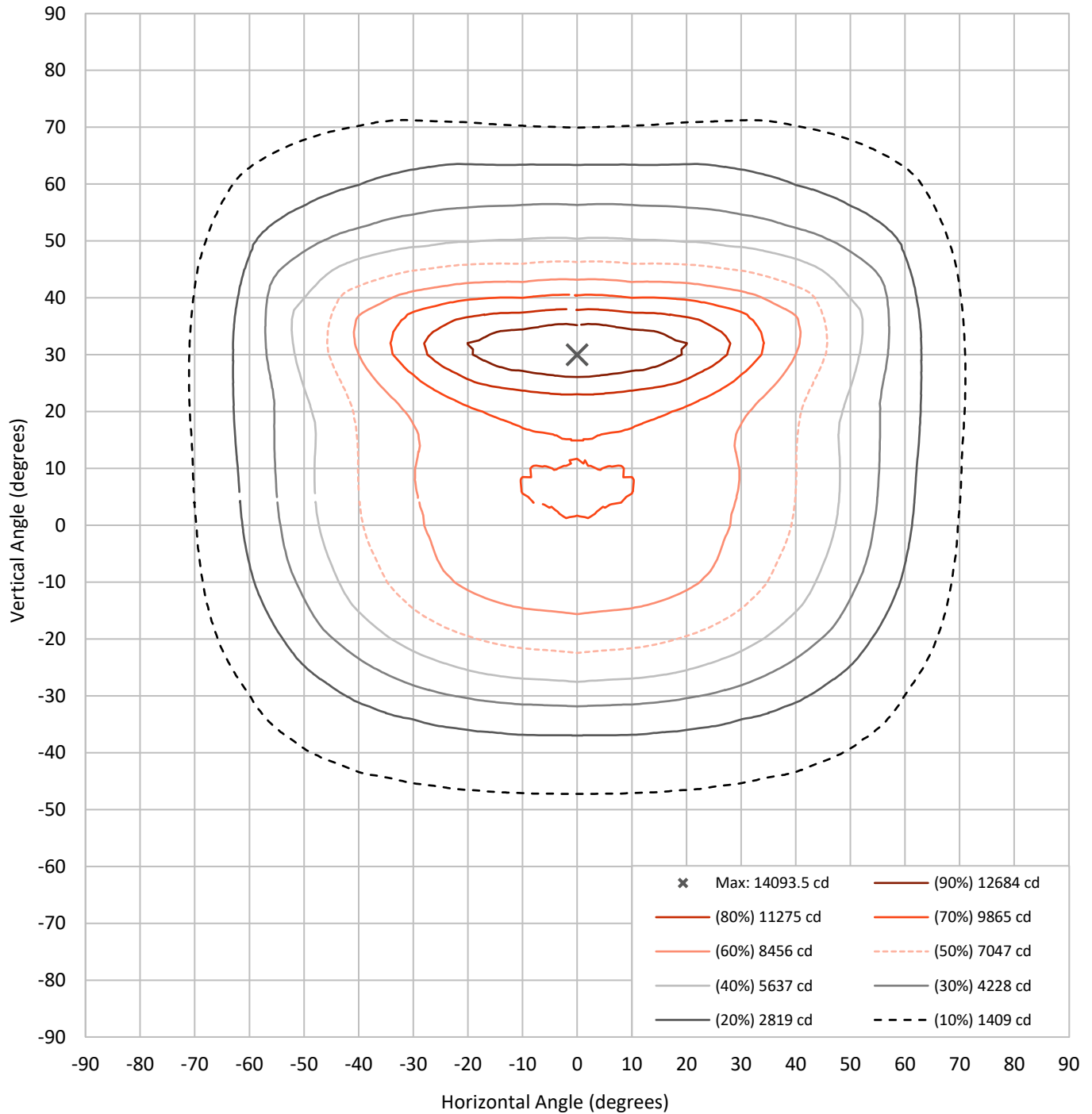
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23525.6 lumens	Max Intensity:	14093.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13680.4 lumens	Field Lumens:	22046.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6  
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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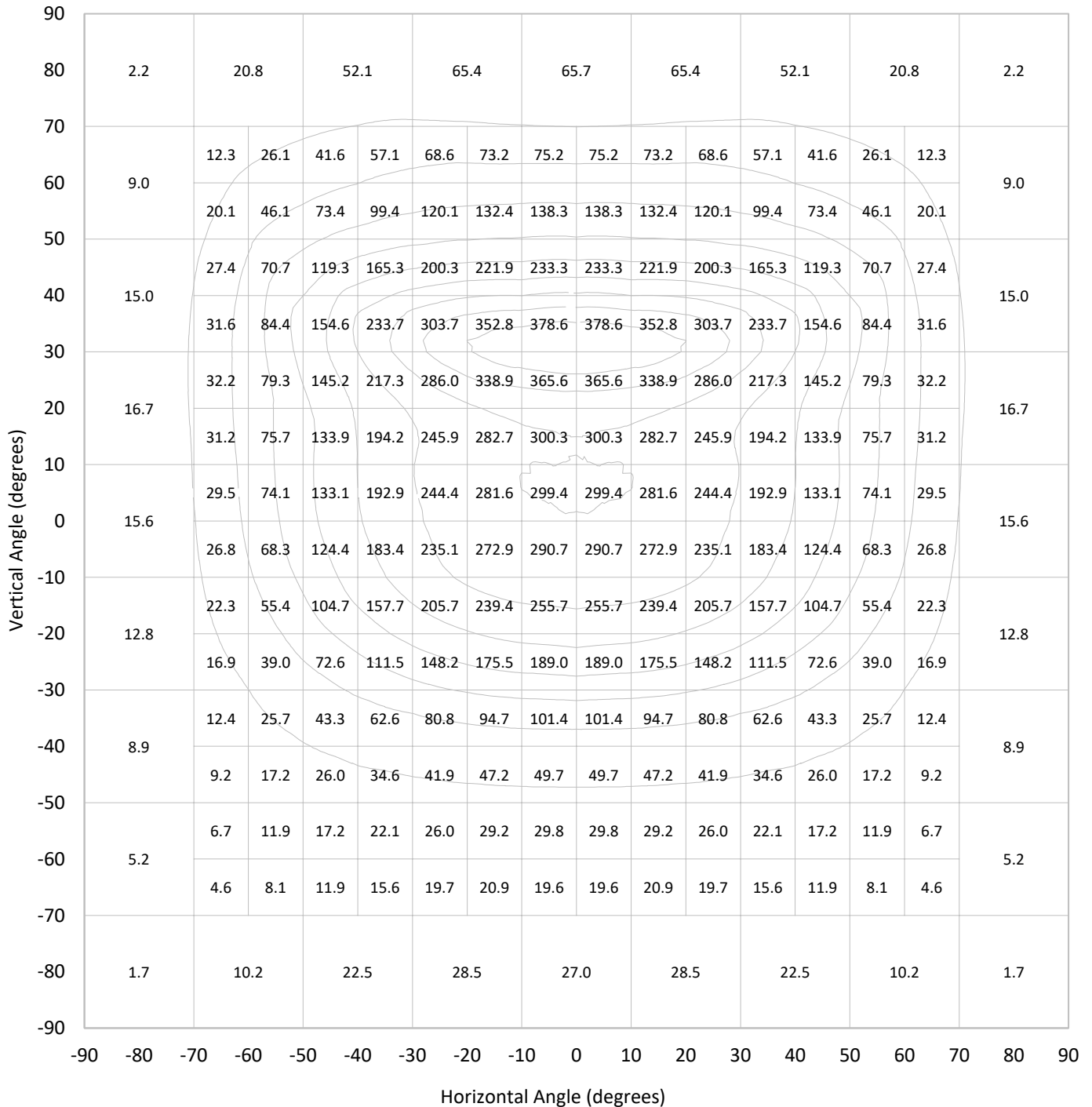
### Iso-Candela Plot





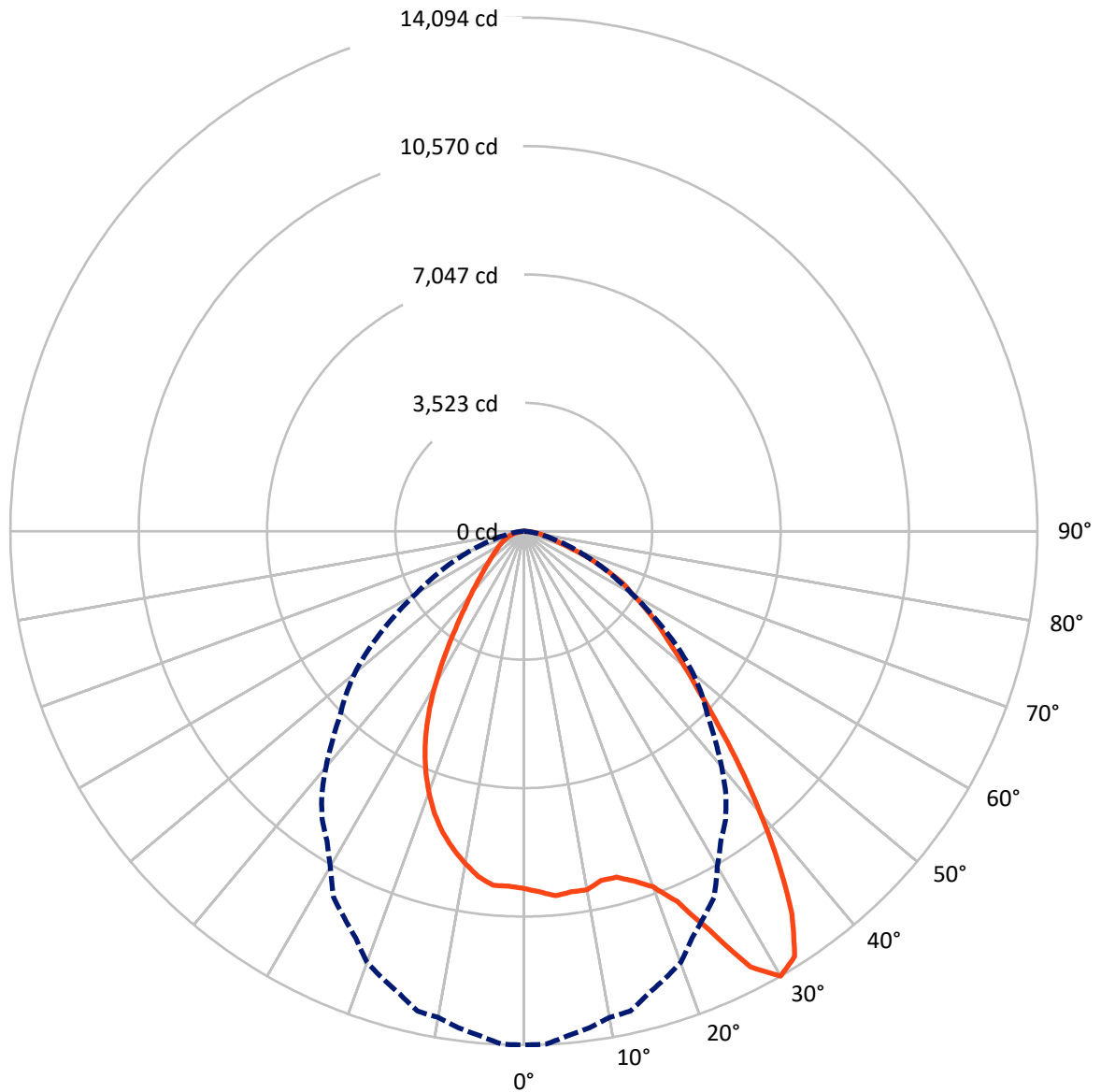
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### Lumen Table



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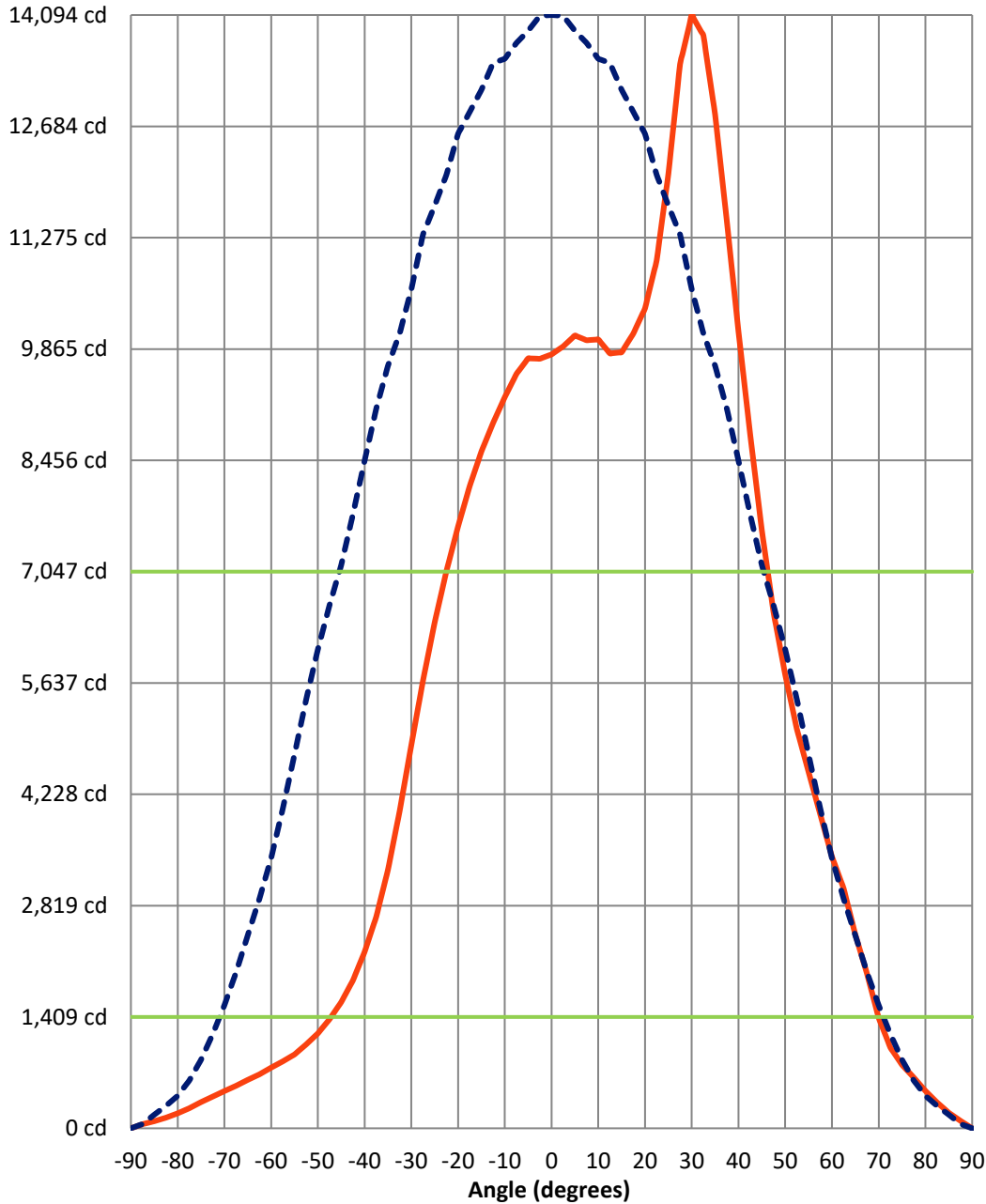
### Luminous Intensity Polar Plot



— 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: 13680.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 22046.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1479.1  
 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°	94.7	97.2	99.7	99.7	97.2	97.2	97.2	94.7	97.2	97.2	97.2
85°	196.9	201.9	206.9	204.4	201.9	196.9	191.9	194.4	196.9	199.4	199.4
82.5°	326.5	334.0	338.9	336.4	331.5	326.5	321.5	324.0	329.0	331.5	331.5
80°	473.5	476.0	478.5	483.5	476.0	476.0	473.5	483.5	488.5	493.5	498.4
77.5°	643.0	645.5	645.5	648.0	650.5	653.0	653.0	670.4	682.9	690.3	697.8
75°	802.5	810.0	817.4	824.9	834.9	839.9	847.4	872.3	892.2	907.2	922.1
72.5°	1021.8	1031.8	1044.2	1061.7	1079.1	1091.6	1109.0	1138.9	1161.4	1176.3	1193.8
70°	1398.1	1408.1	1420.6	1433.0	1450.5	1462.9	1480.4	1517.8	1540.2	1550.2	1560.1
67.5°	1956.4	1981.3	2003.7	1978.8	1966.4	1948.9	1953.9	1988.8	2011.2	2026.2	2023.7
65°	2452.3	2469.8	2469.8	2467.3	2457.3	2434.9	2447.4	2489.7	2514.6	2527.1	2489.7
62.5°	3035.5	3035.5	3023.1	3043.0	3045.5	3030.5	3023.1	3025.6	3028.0	3035.5	2973.2
60°	3439.3	3464.2	3471.7	3489.1	3494.1	3494.1	3506.5	3516.5	3516.5	3501.6	3429.3
57.5°	3972.6	4019.9	4029.9	4017.5	3992.5	3960.1	3955.1	3940.2	3910.3	3880.4	3845.5
55°	4510.9	4535.8	4533.3	4525.9	4500.9	4463.6	4468.5	4448.6	4401.3	4363.9	4316.5
52.5°	5051.7	5111.5	5121.5	5106.6	5071.7	5031.8	5034.3	5011.8	4964.5	4924.6	4859.8
50°	5742.1	5791.9	5786.9	5762.0	5712.2	5682.3	5684.7	5642.4	5587.5	5575.1	5490.4
47.5°	6532.1	6589.4	6579.5	6544.6	6477.3	6464.8	6477.3	6422.4	6390.0	6362.6	6262.9
45°	7568.9	7636.2	7598.8	7531.5	7424.3	7436.8	7454.2	7444.3	7374.5	7302.2	7175.1
42.5°	8785.1	8827.4	8782.6	8715.3	8580.7	8605.6	8595.7	8535.8	8493.5	8373.8	8211.9
40°	10086.0	10178.2	10108.4	10003.8	9864.2	9901.6	9874.2	9796.9	9697.2	9547.7	9343.3
37.5°	11489.1	11561.4	11481.6	11359.5	11234.9	11222.5	11167.6	11048.0	10905.9	10741.5	10415.0
35°	12832.4	13019.3	12872.3	12677.9	12525.9	12468.6	12416.2	12139.6	11977.6	11710.9	11264.8
32.5°	13831.8	13968.9	13786.9	13585.1	13400.6	13320.9	13136.5	12807.5	12720.3	12159.5	11750.8
30°	14093.5	14083.5	13894.1	13739.6	13540.2	13485.4	13146.4	12867.3	12588.2	12069.8	11681.0
27.5°	13470.4	13408.1	13226.2	13091.6	12894.7	12829.9	12496.0	12346.4	11915.3	11476.7	11147.7
25°	12082.3	12114.7	11977.6	11910.3	11780.7	11641.1	11509.1	11307.2	11038.0	10654.2	10352.7
22.5°	10988.2	11030.6	10973.2	10893.5	10793.8	10716.5	10616.8	10459.8	10200.6	9963.9	9679.8
20°	10380.1	10367.6	10317.8	10258.0	10163.3	10108.4	9998.8	9866.7	9667.3	9462.9	9156.4
17.5°	10061.1	9983.8	9936.5	9914.0	9864.2	9794.4	9664.8	9530.2	9375.7	9143.9	8919.6
15°	9824.3	9836.8	9799.4	9782.0	9742.1	9644.9	9512.8	9403.1	9193.8	9076.7	8872.3
12.5°	9809.4	9796.9	9799.4	9791.9	9742.1	9617.5	9550.2	9410.6	9276.0	9121.5	8887.2
10°	9986.3	9854.2	9864.2	9899.1	9819.3	9719.6	9647.4	9495.3	9368.2	9171.4	8939.6
7.5°	9976.3	9909.1	9929.0	9871.7	9896.6	9774.5	9674.8	9522.8	9363.3	9153.9	8944.6
5°	10036.2	9934.0	9916.5	9921.5	9859.2	9767.0	9632.4	9487.9	9338.3	9104.1	8889.7
2.5°	9899.1	9914.0	9834.3	9804.4	9796.9	9642.4	9517.8	9378.2	9223.7	9016.8	8824.9
0°	9796.9	9824.3	9742.1	9699.7	9697.2	9565.1	9485.4	9325.9	9216.2	9044.3	8812.5
-2.5°	9742.1	9774.5	9784.4	9707.2	9632.4	9530.2	9395.7	9223.7	9044.3	8844.9	8645.5
-5°	9747.1	9682.3	9654.8	9679.8	9615.0	9512.8	9363.3	9211.2	9034.3	8820.0	8570.7
-7.5°	9550.2	9485.4	9480.4	9467.9	9453.0	9355.8	9231.2	9066.7	8887.2	8687.9	8456.1
-10°	9256.1	9208.7	9196.3	9183.8	9143.9	9086.6	8969.5	8820.0	8658.0	8458.6	8211.9
-12.5°	8929.6	8907.2	8859.8	8827.4	8787.6	8720.3	8608.1	8471.0	8309.1	8132.1	7920.3
-15°	8568.2	8525.9	8478.5	8451.1	8393.8	8314.0	8201.9	8074.8	7897.8	7723.4	7524.0
-17.5°	8132.1	8079.8	8027.4	8020.0	7980.1	7858.0	7753.3	7598.8	7444.3	7277.3	7082.9
-20°	7618.7	7546.4	7511.5	7491.6	7436.8	7347.1	7234.9	7092.8	6943.3	6783.8	6559.5



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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°	7050.5	6988.2	6928.4	6891.0	6843.6	6773.8	6666.7	6542.1	6395.0	6215.6	6008.7
-25°	6405.0	6317.8	6280.4	6238.0	6213.1	6148.3	6043.6	5929.0	5777.0	5602.5	5405.6
-27.5°	5667.3	5597.5	5577.6	5517.8	5487.9	5420.6	5333.3	5226.2	5086.6	4922.1	4760.1
-30°	4852.3	4810.0	4777.6	4717.8	4695.3	4623.1	4565.7	4476.0	4348.9	4231.8	4102.2
-32.5°	4015.0	3972.6	3962.6	3935.2	3920.3	3872.9	3808.1	3743.3	3641.1	3553.9	3449.2
-35°	3272.3	3242.4	3244.9	3242.4	3227.4	3192.5	3112.8	3095.3	3020.6	2940.8	2873.5
-37.5°	2679.1	2681.6	2679.1	2676.6	2656.7	2641.7	2584.4	2562.0	2517.1	2439.9	2400.0
-40°	2233.0	2238.0	2235.5	2230.5	2208.1	2200.6	2163.2	2133.3	2115.9	2061.1	2018.7
-42.5°	1871.7	1879.1	1876.6	1874.1	1859.2	1856.7	1836.8	1801.9	1791.9	1759.5	1714.6
-45°	1597.5	1595.0	1590.0	1595.0	1587.5	1580.1	1567.6	1545.2	1532.7	1517.8	1480.4
-47.5°	1380.7	1383.2	1378.2	1378.2	1368.2	1360.8	1355.8	1340.8	1330.8	1318.4	1296.0
-50°	1201.2	1211.2	1208.7	1206.2	1198.8	1193.8	1193.8	1178.8	1163.9	1158.9	1143.9
-52.5°	1061.7	1069.2	1071.7	1076.6	1079.1	1081.6	1074.1	1059.2	1034.3	1031.8	1024.3
-55°	934.6	957.0	972.0	981.9	991.9	999.4	984.4	964.5	939.6	929.6	927.1
-57.5°	847.4	869.8	887.2	902.2	914.6	927.1	912.2	892.2	869.8	857.3	854.8
-60°	767.6	787.5	805.0	824.9	842.4	862.3	854.8	839.9	827.4	817.4	807.5
-62.5°	682.9	702.8	722.7	747.7	770.1	790.0	792.5	790.0	787.5	790.0	772.6
-65°	613.1	623.1	635.5	662.9	687.9	710.3	722.7	730.2	742.7	755.1	737.7
-67.5°	538.3	550.8	565.7	585.7	605.6	620.6	638.0	657.9	677.9	697.8	685.4
-70°	471.0	481.0	493.5	503.4	515.9	525.9	540.8	563.2	585.7	605.6	600.6
-72.5°	401.2	411.2	418.7	423.7	431.2	436.1	443.6	463.6	478.5	488.5	488.5
-75°	331.5	341.4	348.9	351.4	356.4	358.9	363.9	371.3	378.8	381.3	383.8
-77.5°	254.2	264.2	271.7	276.6	281.6	286.6	289.1	294.1	296.6	296.6	299.1
-80°	189.4	196.9	201.9	209.3	211.8	216.8	221.8	224.3	226.8	226.8	229.3
-82.5°	134.6	139.6	144.5	149.5	154.5	157.0	162.0	164.5	167.0	169.5	172.0
-85°	89.7	94.7	99.7	104.7	107.2	109.7	112.1	114.6	117.1	119.6	122.1
-87.5°	52.3	54.8	57.3	62.3	64.8	69.8	72.3	69.8	72.3	72.3	72.3
-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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**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°	97.2	97.2	97.2	97.2	94.7	89.7	87.2	82.2	77.3	72.3	67.3
85°	201.9	204.4	204.4	204.4	199.4	196.9	189.4	181.9	172.0	157.0	144.5
82.5°	336.4	338.9	338.9	336.4	331.5	324.0	314.0	301.6	281.6	261.7	244.2
80°	505.9	508.4	508.4	505.9	493.5	481.0	468.5	453.6	428.7	401.2	371.3
77.5°	707.8	712.8	712.8	705.3	687.9	672.9	653.0	628.0	590.7	550.8	510.9
75°	942.1	954.5	957.0	949.5	927.1	899.7	867.3	824.9	767.6	717.8	670.4
72.5°	1213.7	1226.2	1236.1	1226.2	1193.8	1156.4	1109.0	1059.2	1001.9	934.6	854.8
70°	1570.1	1582.6	1590.0	1557.6	1500.3	1438.0	1380.7	1323.4	1256.1	1173.8	1086.6
67.5°	2018.7	2006.2	1991.3	1926.5	1854.2	1779.4	1699.7	1615.0	1527.7	1440.5	1338.3
65°	2449.8	2415.0	2382.6	2305.3	2213.1	2115.9	2023.7	1929.0	1824.3	1714.6	1617.4
62.5°	2903.4	2828.7	2748.9	2654.2	2559.5	2452.3	2360.1	2248.0	2130.8	1996.3	1871.7
60°	3349.5	3259.8	3180.1	3062.9	2938.3	2793.8	2694.1	2584.4	2447.4	2302.8	2155.8
57.5°	3780.7	3683.5	3596.3	3494.1	3359.5	3202.5	3092.8	2950.8	2806.2	2624.3	2474.8
55°	4239.3	4142.1	4072.3	3957.6	3810.6	3666.1	3546.4	3396.9	3195.0	3000.6	2816.2
52.5°	4765.1	4687.9	4613.1	4496.0	4319.0	4172.0	4039.9	3872.9	3661.1	3421.8	3200.0
50°	5353.3	5313.4	5233.7	5096.6	4894.7	4765.1	4590.7	4368.9	4142.1	3890.4	3613.7
47.5°	6133.3	6068.5	5956.4	5806.9	5637.4	5443.0	5208.7	4949.5	4628.0	4348.9	4054.8
45°	7065.4	6945.8	6801.3	6599.4	6390.0	6170.7	5914.0	5585.1	5153.9	4790.0	4481.0
42.5°	8074.8	7912.8	7715.9	7451.7	7180.1	6910.9	6634.3	6185.7	5647.4	5228.7	4879.8
40°	9129.0	8922.1	8675.4	8291.6	7990.0	7643.6	7327.1	6656.7	6083.5	5629.9	5258.6
37.5°	10160.8	9899.1	9485.4	9019.3	8667.9	8383.8	7688.5	6970.7	6457.3	5958.9	5582.6
35°	10950.8	10729.0	9998.8	9515.3	9213.7	8765.1	7895.3	7160.1	6616.8	6203.1	5617.5
32.5°	11419.3	10846.1	10205.6	9717.2	9467.9	8732.7	7910.3	7215.0	6691.6	6228.0	5527.7
30°	11314.7	10621.8	10061.1	9652.4	9111.5	8451.1	7770.7	7130.2	6621.8	6061.1	5428.0
27.5°	10684.1	10148.3	9647.4	9221.2	8690.4	8097.2	7469.2	6905.9	6432.4	5889.1	5291.0
25°	9971.4	9485.4	9114.0	8742.7	8239.3	7673.5	7120.3	6714.0	6238.0	5702.2	5111.5
22.5°	9315.9	8967.0	8675.4	8286.6	7795.7	7302.2	6958.3	6537.1	6048.6	5505.3	4927.1
20°	8897.2	8660.5	8326.5	7897.8	7511.5	7202.5	6821.2	6375.1	5871.7	5303.4	4770.1
17.5°	8695.3	8421.2	8049.9	7770.7	7474.2	7135.2	6709.0	6235.5	5699.7	5211.2	4787.5
15°	8590.7	8301.6	8057.3	7783.2	7449.2	7092.8	6619.3	6128.4	5699.7	5248.6	4800.0
12.5°	8613.1	8363.9	8097.2	7798.1	7439.3	7058.0	6629.3	6173.2	5729.6	5276.0	4802.5
10°	8682.9	8421.2	8137.1	7805.6	7444.3	7067.9	6656.7	6200.6	5744.6	5288.5	4797.5
7.5°	8707.8	8423.7	8119.6	7785.7	7431.8	7062.9	6661.7	6208.1	5747.1	5286.0	4782.6
5°	8630.5	8373.8	8079.8	7743.3	7396.9	7038.0	6641.8	6198.1	5727.1	5261.1	4745.2
2.5°	8525.9	8319.0	8037.4	7713.4	7362.0	7003.1	6609.4	6153.3	5682.3	5216.2	4697.8
0°	8508.4	8251.7	7967.6	7678.5	7304.7	6925.9	6534.6	6068.5	5600.0	5131.5	4615.6
-2.5°	8393.8	8122.1	7838.0	7524.0	7195.0	6813.7	6402.5	5946.4	5482.9	5021.8	4525.9
-5°	8306.6	8005.0	7703.4	7364.5	7033.0	6651.7	6225.6	5781.9	5328.4	4879.8	4401.3
-7.5°	8189.4	7880.4	7563.9	7210.0	6851.1	6462.3	6041.1	5597.5	5151.4	4705.3	4246.7
-10°	7952.7	7681.0	7384.4	7018.1	6639.3	6250.5	5831.8	5395.6	4949.5	4498.5	4037.4
-12.5°	7666.1	7379.5	7055.5	6719.0	6380.1	6018.7	5600.0	5171.3	4722.8	4269.2	3810.6
-15°	7294.7	7013.1	6681.6	6352.7	6026.2	5679.8	5310.9	4924.6	4468.5	4022.4	3563.9
-17.5°	6831.2	6567.0	6270.4	5956.4	5632.4	5283.5	4924.6	4598.1	4172.0	3753.3	3299.7
-20°	6332.7	6086.0	5819.3	5522.8	5198.8	4857.3	4518.4	4177.0	3808.1	3439.3	3018.1



REPORT NUMBER: P722182  
 CATALOG NUMBER: IFLD-L-SA7A-827-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5814.3	5565.1	5296.0	5019.3	4720.3	4403.7	4089.7	3763.2	3439.3	3105.3	2748.9
-25°	5216.2	4996.9	4750.2	4481.0	4214.3	3937.7	3638.6	3342.1	3065.4	2776.3	2484.7
-27.5°	4590.7	4388.8	4164.5	3930.2	3700.9	3469.2	3210.0	2935.8	2706.5	2467.3	2225.5
-30°	3932.7	3770.7	3588.8	3384.4	3207.5	3020.6	2803.7	2577.0	2367.6	2185.7	1991.3
-32.5°	3309.7	3172.6	3043.0	2908.4	2734.0	2589.4	2439.9	2272.9	2088.5	1916.5	1777.0
-35°	2773.8	2626.8	2572.0	2472.3	2347.7	2220.6	2110.9	1991.3	1851.7	1699.7	1585.0
-37.5°	2322.7	2235.5	2158.3	2103.4	2021.2	1919.0	1831.8	1744.6	1637.4	1522.7	1408.1
-40°	1971.3	1911.5	1826.8	1799.4	1747.0	1677.3	1587.5	1520.3	1448.0	1360.8	1263.6
-42.5°	1689.7	1644.9	1590.0	1542.7	1520.3	1470.4	1400.6	1335.8	1278.5	1218.7	1143.9
-45°	1457.9	1428.0	1393.1	1350.8	1333.3	1293.5	1243.6	1171.3	1138.9	1089.1	1034.3
-47.5°	1271.0	1256.1	1231.2	1203.7	1178.8	1148.9	1104.1	1059.2	1014.3	981.9	939.6
-50°	1124.0	1114.0	1099.1	1076.6	1044.2	1024.3	994.4	954.5	912.2	884.7	854.8
-52.5°	1006.9	996.9	986.9	969.5	944.6	924.6	899.7	867.3	832.4	805.0	780.1
-55°	917.1	902.2	894.7	879.8	859.8	837.4	815.0	792.5	762.6	737.7	712.8
-57.5°	847.4	827.4	817.4	805.0	785.0	762.6	745.2	722.7	702.8	675.4	653.0
-60°	792.5	770.1	750.2	737.7	720.3	697.8	680.4	662.9	643.0	620.6	593.1
-62.5°	747.7	720.3	692.8	677.9	660.4	640.5	623.1	605.6	585.7	563.2	538.3
-65°	705.3	672.9	638.0	623.1	605.6	585.7	563.2	550.8	533.3	513.4	488.5
-67.5°	653.0	618.1	588.2	570.7	553.3	535.8	515.9	503.4	486.0	461.1	436.1
-70°	575.7	553.3	533.3	518.4	503.4	488.5	468.5	448.6	428.7	406.2	383.8
-72.5°	478.5	471.0	468.5	461.1	443.6	426.2	406.2	386.3	368.8	351.4	334.0
-75°	386.3	391.3	396.3	393.8	376.3	358.9	341.4	324.0	311.5	296.6	281.6
-77.5°	306.5	311.5	316.5	316.5	304.1	294.1	281.6	269.2	259.2	246.7	231.8
-80°	236.8	244.2	251.7	256.7	246.7	239.3	229.3	219.3	209.3	199.4	189.4
-82.5°	179.4	186.9	194.4	199.4	191.9	186.9	179.4	172.0	164.5	154.5	147.0
-85°	129.6	134.6	139.6	142.1	137.1	132.1	127.1	122.1	117.1	109.7	104.7
-87.5°	74.8	77.3	79.8	82.2	77.3	72.3	69.8	64.8	62.3	57.3	54.8
-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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 CATALOG NUMBER: IFLD-L-SA7A-827-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°	62.3	57.3	52.3	49.8	44.9	37.4	32.4	27.4	22.4	17.4	15.0
85°	132.1	119.6	104.7	97.2	87.2	77.3	67.3	57.3	47.4	37.4	27.4
82.5°	226.8	211.8	196.9	179.4	157.0	129.6	102.2	84.7	69.8	54.8	42.4
80°	341.4	314.0	289.1	266.7	241.7	206.9	169.5	134.6	94.7	72.3	54.8
77.5°	473.5	441.1	406.2	368.8	329.0	281.6	239.3	194.4	147.0	99.7	69.8
75°	623.1	580.7	533.3	481.0	428.7	366.4	306.5	254.2	199.4	139.6	84.7
72.5°	790.0	737.7	680.4	610.6	528.3	456.1	383.8	314.0	249.2	176.9	114.6
70°	1004.4	922.1	837.4	762.6	657.9	543.3	458.6	378.8	296.6	216.8	144.5
67.5°	1233.6	1134.0	1031.8	922.1	790.0	655.5	533.3	443.6	346.4	254.2	172.0
65°	1482.9	1358.3	1228.7	1106.5	924.6	765.1	628.0	505.9	393.8	289.1	199.4
62.5°	1739.6	1592.5	1443.0	1283.5	1074.1	877.3	717.8	575.7	438.6	321.5	224.3
60°	2013.7	1841.7	1659.8	1460.4	1216.2	999.4	802.5	648.0	486.0	353.9	251.7
57.5°	2302.8	2115.9	1901.6	1632.4	1363.2	1116.5	899.7	712.8	528.3	383.8	271.7
55°	2616.8	2402.5	2168.2	1811.8	1507.8	1233.6	996.9	777.6	573.2	408.7	291.6
52.5°	2955.8	2706.5	2410.0	2001.2	1659.8	1353.3	1086.6	834.9	615.6	436.1	309.0
50°	3334.6	3020.6	2621.8	2175.7	1791.9	1465.4	1176.3	897.2	650.5	466.0	324.0
47.5°	3728.4	3389.4	2811.2	2337.7	1926.5	1575.1	1268.5	952.0	685.4	491.0	338.9
45°	4139.6	3646.1	3008.1	2482.2	2043.6	1674.8	1338.3	1001.9	727.7	513.4	351.4
42.5°	4545.8	3840.5	3180.1	2626.8	2153.3	1764.5	1395.6	1049.2	762.6	535.8	363.9
40°	4737.7	3987.5	3317.1	2726.5	2245.5	1844.2	1445.5	1091.6	792.5	550.8	376.3
37.5°	4817.5	4077.3	3406.9	2821.2	2317.8	1886.6	1487.9	1129.0	817.4	565.7	386.3
35°	4834.9	4109.7	3451.7	2886.0	2377.6	1926.5	1520.3	1156.4	837.4	580.7	396.3
32.5°	4802.5	4099.7	3464.2	2908.4	2415.0	1956.4	1542.7	1176.3	852.3	595.6	406.2
30°	4730.2	4047.4	3419.3	2905.9	2442.4	1973.8	1557.6	1191.3	867.3	605.6	411.2
27.5°	4613.1	3955.1	3362.0	2908.4	2457.3	1981.3	1565.1	1198.8	877.3	613.1	421.2
25°	4468.5	3830.5	3364.5	2903.4	2459.8	1983.8	1565.1	1198.8	879.8	615.6	428.7
22.5°	4301.6	3830.5	3364.5	2896.0	2444.9	1978.8	1557.6	1193.8	879.8	620.6	436.1
20°	4311.5	3833.0	3357.0	2881.0	2422.4	1963.9	1540.2	1181.3	872.3	628.0	441.1
17.5°	4319.0	3828.0	3342.1	2861.1	2392.5	1938.9	1517.8	1163.9	872.3	635.5	443.6
15°	4319.0	3813.1	3319.6	2831.2	2355.1	1904.1	1485.4	1148.9	874.8	638.0	448.6
12.5°	4311.5	3785.7	3284.7	2791.3	2310.3	1861.7	1465.4	1143.9	874.8	640.5	448.6
10°	4296.6	3748.3	3239.9	2741.4	2267.9	1846.7	1455.5	1134.0	869.8	640.5	448.6
7.5°	4269.2	3703.4	3202.5	2711.5	2243.0	1829.3	1440.5	1119.0	862.3	635.5	453.6
5°	4226.8	3678.5	3172.6	2676.6	2208.1	1816.8	1430.5	1106.5	857.3	635.5	448.6
2.5°	4172.0	3648.6	3137.7	2631.8	2168.2	1774.5	1398.1	1079.1	839.9	625.5	443.6
0°	4082.3	3588.8	3077.9	2569.5	2113.4	1732.1	1365.7	1051.7	822.4	615.6	438.6
-2.5°	4000.0	3509.0	3000.6	2504.7	2061.1	1694.7	1340.8	1036.8	815.0	613.1	436.1
-5°	3885.4	3399.4	2898.4	2419.9	1991.3	1657.3	1315.9	1019.3	807.5	608.1	436.1
-7.5°	3758.3	3284.7	2791.3	2332.7	1921.5	1592.5	1268.5	991.9	790.0	598.1	433.6
-10°	3561.4	3112.8	2656.7	2233.0	1846.7	1535.2	1228.7	967.0	775.1	588.2	423.7
-12.5°	3352.0	2923.4	2502.2	2110.9	1762.0	1475.4	1183.8	939.6	757.6	578.2	418.7
-15°	3130.2	2729.0	2340.2	1983.8	1669.8	1403.1	1136.5	909.7	740.2	565.7	411.2
-17.5°	2898.4	2524.6	2173.2	1854.2	1577.6	1328.4	1086.6	882.2	720.3	553.3	403.7
-20°	2654.2	2315.3	2003.7	1722.1	1480.4	1253.6	1034.3	849.8	697.8	538.3	393.8



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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°	2412.5	2108.4	1829.3	1592.5	1380.7	1176.3	981.9	817.4	672.9	520.9	386.3
-25°	2198.1	1914.0	1674.8	1467.9	1283.5	1101.6	927.1	785.0	645.5	503.4	376.3
-27.5°	1988.8	1747.0	1522.7	1350.8	1188.8	1029.3	874.8	750.2	618.1	483.5	366.4
-30°	1794.4	1587.5	1403.1	1236.1	1099.1	964.5	829.9	715.3	588.2	463.6	353.9
-32.5°	1617.4	1450.5	1296.0	1136.5	1014.3	899.7	787.5	680.4	558.3	443.6	341.4
-35°	1453.0	1323.4	1188.8	1054.2	929.6	839.9	742.7	643.0	530.8	421.2	329.0
-37.5°	1305.9	1201.2	1094.1	979.4	872.3	782.6	700.3	605.6	503.4	401.2	316.5
-40°	1178.8	1094.1	999.4	907.2	817.4	732.7	657.9	568.2	476.0	386.3	304.1
-42.5°	1061.7	996.9	919.6	842.4	762.6	687.9	615.6	528.3	448.6	368.8	291.6
-45°	972.0	907.2	844.9	775.1	707.8	643.0	570.7	493.5	423.7	348.9	279.1
-47.5°	887.2	829.9	772.6	715.3	660.4	600.6	528.3	463.6	396.3	331.5	269.2
-50°	812.5	757.6	707.8	657.9	610.6	553.3	486.0	433.6	373.8	314.0	256.7
-52.5°	742.7	695.3	645.5	605.6	565.7	508.4	453.6	403.7	351.4	294.1	244.2
-55°	680.4	635.5	590.7	553.3	515.9	466.0	421.2	378.8	329.0	279.1	231.8
-57.5°	620.6	583.2	540.8	505.9	468.5	428.7	391.3	351.4	306.5	264.2	219.3
-60°	565.7	530.8	493.5	458.6	426.2	393.8	358.9	326.5	286.6	246.7	206.9
-62.5°	510.9	481.0	448.6	413.7	388.8	358.9	331.5	299.1	266.7	231.8	184.4
-65°	461.1	433.6	403.7	373.8	351.4	329.0	304.1	274.1	246.7	214.3	164.5
-67.5°	411.2	386.3	361.4	336.4	316.5	299.1	274.1	251.7	229.3	194.4	144.5
-70°	363.9	343.9	321.5	301.6	286.6	266.7	249.2	229.3	209.3	169.5	122.1
-72.5°	319.0	299.1	281.6	266.7	254.2	236.8	221.8	206.9	179.4	142.1	102.2
-75°	266.7	254.2	244.2	231.8	219.3	206.9	194.4	176.9	149.5	114.6	79.8
-77.5°	219.3	211.8	204.4	194.4	184.4	174.5	159.5	142.1	119.6	89.7	64.8
-80°	179.4	172.0	167.0	157.0	149.5	139.6	124.6	109.7	87.2	69.8	52.3
-82.5°	137.1	132.1	127.1	122.1	114.6	104.7	89.7	77.3	64.8	52.3	39.9
-85°	97.2	94.7	89.7	84.7	77.3	69.8	59.8	52.3	44.9	34.9	27.4
-87.5°	49.8	47.4	44.9	42.4	39.9	34.9	29.9	24.9	22.4	17.4	12.5
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.0	7.5	2.5	0.0
85°	19.9	12.5	5.0	0.0
82.5°	29.9	19.9	7.5	0.0
80°	39.9	24.9	12.5	0.0
77.5°	49.8	29.9	15.0	0.0
75°	59.8	37.4	17.4	0.0
72.5°	67.3	42.4	19.9	0.0
70°	79.8	49.8	22.4	0.0
67.5°	99.7	54.8	24.9	0.0
65°	117.1	59.8	27.4	0.0
62.5°	137.1	64.8	29.9	0.0
60°	154.5	69.8	32.4	0.0
57.5°	172.0	82.2	34.9	0.0
55°	186.9	92.2	37.4	0.0
52.5°	204.4	102.2	39.9	0.0
50°	219.3	112.1	42.4	0.0
47.5°	231.8	122.1	42.4	0.0
45°	241.7	129.6	44.9	0.0
42.5°	249.2	137.1	47.4	0.0
40°	256.7	144.5	49.8	0.0
37.5°	264.2	152.0	49.8	0.0
35°	271.7	159.5	52.3	0.0
32.5°	279.1	167.0	52.3	0.0
30°	284.1	172.0	54.8	0.0
27.5°	291.6	176.9	54.8	0.0
25°	294.1	181.9	57.3	0.0
22.5°	299.1	184.4	57.3	0.0
20°	304.1	189.4	57.3	0.0
17.5°	306.5	191.9	59.8	0.0
15°	306.5	194.4	62.3	0.0
12.5°	309.0	196.9	62.3	0.0
10°	309.0	201.9	59.8	0.0
7.5°	314.0	199.4	59.8	0.0
5°	311.5	199.4	59.8	0.0
2.5°	309.0	196.9	59.8	0.0
0°	306.5	196.9	59.8	0.0
-2.5°	306.5	196.9	59.8	0.0
-5°	306.5	196.9	59.8	0.0
-7.5°	304.1	199.4	59.8	0.0
-10°	299.1	199.4	59.8	0.0
-12.5°	296.6	191.9	59.8	0.0
-15°	294.1	189.4	59.8	0.0
-17.5°	289.1	186.9	57.3	0.0
-20°	284.1	184.4	57.3	0.0



REPORT NUMBER: P722182  
CATALOG NUMBER: IFLD-L-SA7A-827-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	279.1	179.4	57.3	0.0
-25°	274.1	174.5	54.8	0.0
-27.5°	269.2	169.5	54.8	0.0
-30°	261.7	164.5	52.3	0.0
-32.5°	254.2	159.5	52.3	0.0
-35°	249.2	152.0	49.8	0.0
-37.5°	241.7	144.5	49.8	0.0
-40°	234.3	137.1	47.4	0.0
-42.5°	226.8	129.6	44.9	0.0
-45°	216.8	122.1	44.9	0.0
-47.5°	209.3	114.6	42.4	0.0
-50°	196.9	104.7	39.9	0.0
-52.5°	181.9	94.7	37.4	0.0
-55°	167.0	87.2	34.9	0.0
-57.5°	152.0	77.3	34.9	0.0
-60°	137.1	67.3	32.4	0.0
-62.5°	122.1	62.3	29.9	0.0
-65°	107.2	57.3	27.4	0.0
-67.5°	89.7	49.8	24.9	0.0
-70°	74.8	44.9	22.4	0.0
-72.5°	64.8	39.9	19.9	0.0
-75°	54.8	34.9	17.4	0.0
-77.5°	47.4	29.9	15.0	0.0
-80°	37.4	22.4	10.0	0.0
-82.5°	27.4	17.4	7.5	0.0
-85°	17.4	12.5	5.0	0.0
-87.5°	10.0	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)