

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: P722625

Luminaire Tested: **IFLD-L-SA8D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722625
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45295 lumens	Max Intensity:	31621 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	28896.3 lumens	Field Lumens:	42703.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

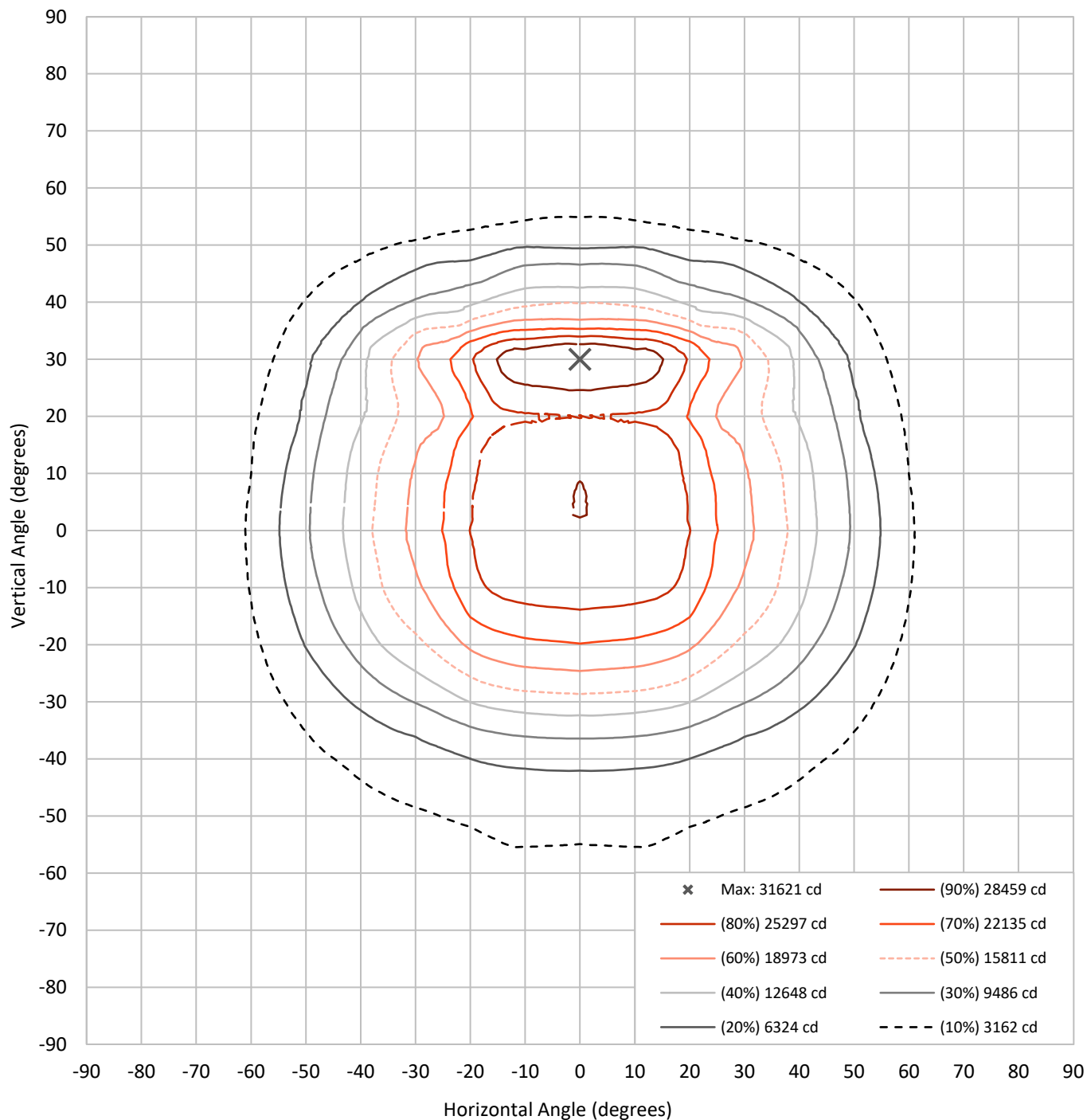
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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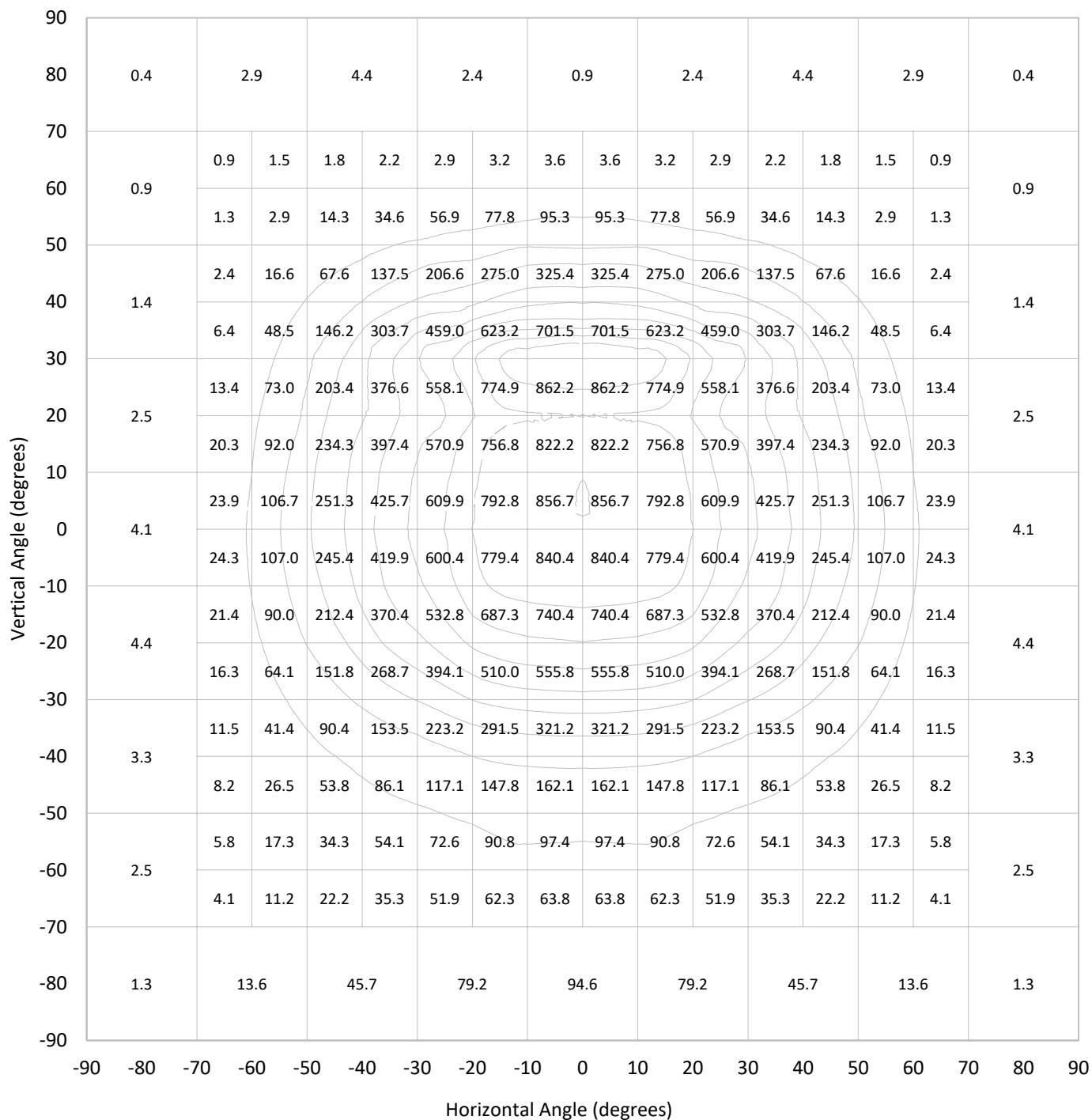
Iso-Candela Plot



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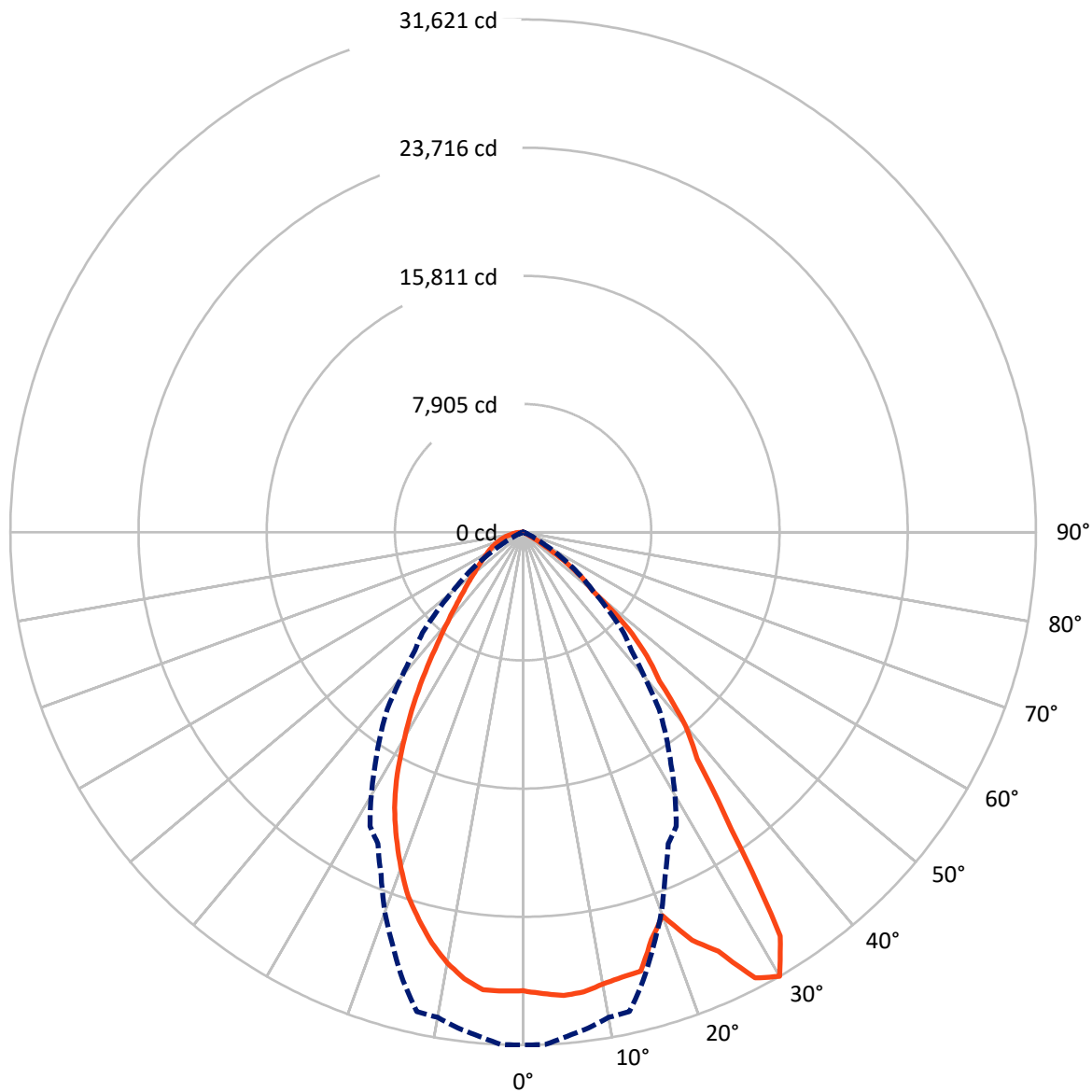
Lumen Table



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Luminous Intensity Polar Plot



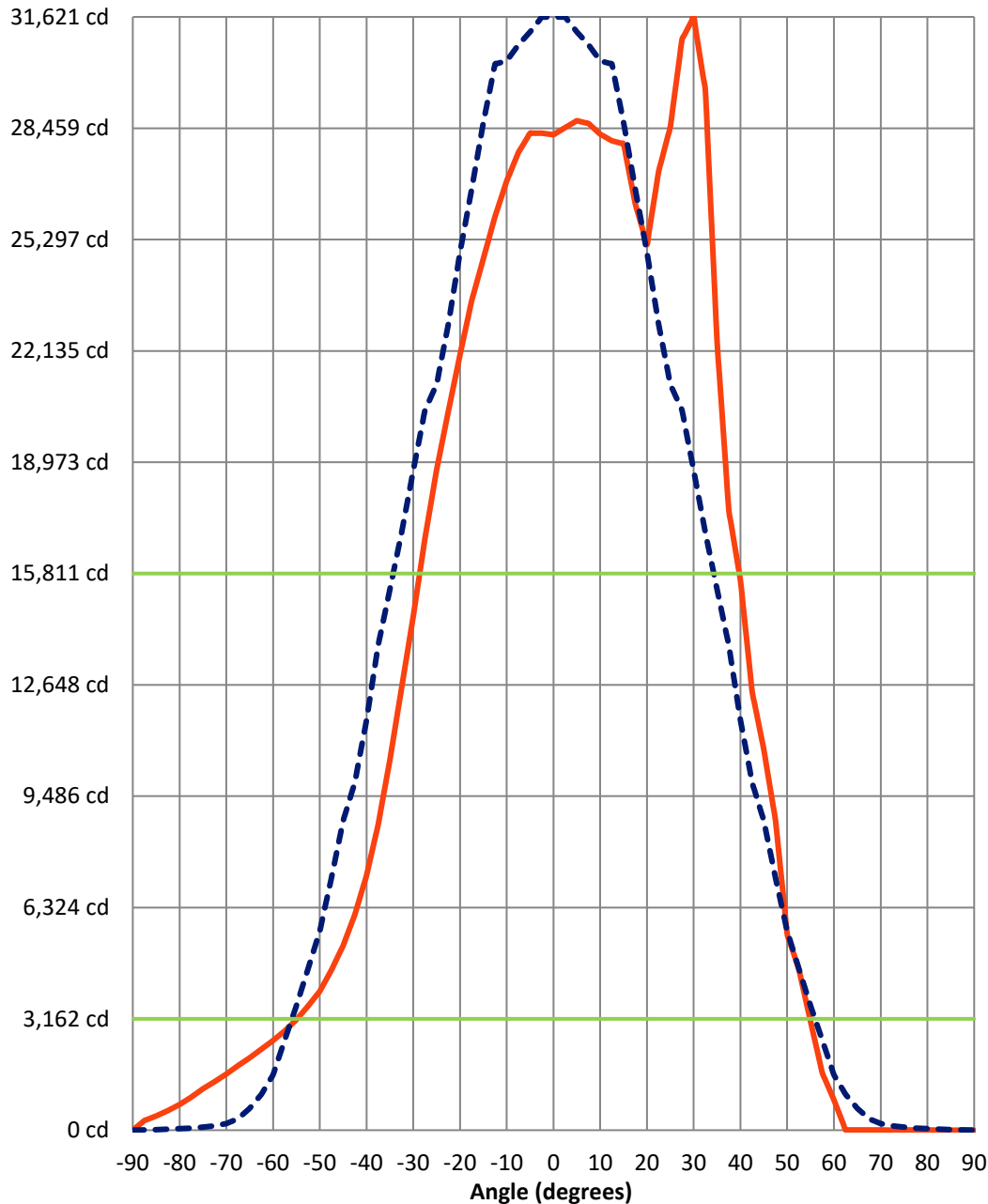
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 28896.3
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 42703.1
Efficiency: 94.3%

Spill:

Lumens: 2592
Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	0.0	7.2	7.2	7.2	14.4	14.4	14.4	14.4	14.4	14.4	21.6
82.5°	0.0	7.2	7.2	7.2	14.4	14.4	14.4	14.4	21.6	21.6	28.8
80°	7.2	7.2	7.2	7.2	14.4	14.4	14.4	21.6	21.6	28.8	28.8
77.5°	7.2	7.2	7.2	14.4	14.4	14.4	21.6	21.6	28.8	28.8	36.1
75°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	36.1
72.5°	0.0	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	28.8
70°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	28.8
67.5°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	28.8	28.8	28.8	36.1
65°	7.2	7.2	7.2	14.4	21.6	21.6	28.8	36.1	36.1	43.3	50.5
62.5°	7.2	14.4	14.4	21.6	28.8	36.1	79.3	122.6	122.6	86.5	72.1
60°	858.1	930.2	923.0	836.5	728.3	612.9	591.3	569.7	526.4	461.5	483.1
57.5°	1629.7	1716.3	1752.3	1730.7	1673.0	1572.0	1514.3	1449.4	1362.9	1262.0	1146.6
55°	3086.4	3122.4	3043.1	2891.7	2725.8	2560.0	2502.3	2415.7	2285.9	2156.1	1983.1
52.5°	4564.7	4687.3	4651.2	4499.8	4276.2	3980.6	3656.1	3403.7	3252.2	3108.0	2934.9
50°	5574.2	5624.7	5725.7	5905.9	5970.9	5768.9	5242.5	4564.7	4081.5	4326.7	4139.2
47.5°	8797.6	9050.0	8999.5	8869.7	8653.4	8105.4	7369.8	6764.1	6259.3	6093.4	6122.3
45°	10809.5	10910.5	10874.4	10816.8	10715.8	10203.8	9388.9	8458.7	7990.0	7802.5	7607.8
42.5°	12460.9	12569.1	12590.7	12597.9	12489.7	12021.0	11285.5	10355.2	9886.5	9345.7	8920.2
40°	15612.2	15770.8	15590.6	15352.6	14992.0	14458.4	13737.3	12879.2	12049.9	11386.4	10881.7
37.5°	17624.1	17818.8	17890.9	17876.5	17797.2	17566.4	16679.4	15864.6	14595.4	13109.9	13376.7
35°	22397.9	22599.8	22542.1	22325.8	22210.4	21965.2	21099.9	20133.6	18539.9	16924.6	16491.9
32.5°	29515.3	29955.2	29133.1	28231.7	27676.5	27871.2	26991.4	24626.2	23890.6	20977.3	19628.8
30°	31621.0	31613.8	31195.5	30827.8	30373.5	30279.7	28621.1	26731.8	24929.0	22888.3	21186.4
27.5°	30979.2	30849.4	30496.0	30229.2	29803.8	29580.2	27957.7	26457.8	24373.8	22549.3	20905.2
25°	28505.8	28606.7	28246.2	28195.7	28029.8	27597.2	26789.5	25102.1	23241.6	21222.5	20039.8
22.5°	27229.4	27193.3	26760.7	26508.3	26710.2	26248.7	25924.2	24222.3	22282.5	20580.7	19160.1
20°	25152.6	25159.8	25051.6	25030.0	24907.4	24698.3	24438.7	23234.4	21864.3	20407.6	18698.6
17.5°	26313.6	26609.2	26739.0	25664.6	25967.4	25729.5	25455.4	23775.2	22744.0	21453.2	19225.0
15°	28015.4	27907.2	27777.4	27719.7	27553.9	27330.3	26832.8	25491.5	23717.5	22383.5	20645.6
12.5°	28101.9	27892.8	27842.3	27835.1	27662.1	27352.0	26868.8	25758.3	24186.3	22563.8	21150.4
10°	28289.4	28073.1	28044.2	28080.3	27813.5	27618.8	27135.6	26104.4	24330.5	22873.8	21539.8
7.5°	28592.3	28231.7	28397.6	28289.4	28166.8	27856.8	27337.6	26328.0	24856.9	23284.9	21885.9
5°	28671.6	28275.0	28455.3	28354.3	28174.0	27871.2	27308.7	26472.2	25181.4	23450.7	22022.9
2.5°	28476.9	28361.5	28282.2	28094.7	28015.4	27683.7	27150.1	26255.9	25030.0	23378.6	21994.1
0°	28275.0	28376.0	28195.7	28008.2	27972.1	27705.3	27251.0	26443.4	25383.3	23580.5	22239.3
-2.5°	28318.3	28238.9	28116.4	27921.7	27734.2	27352.0	26940.9	26183.8	25044.4	23140.7	21893.1
-5°	28318.3	27950.5	27964.9	27972.1	27784.6	27388.0	26890.5	26248.7	24842.5	23133.4	21792.2
-7.5°	27770.2	27452.9	27402.5	27359.2	27308.7	26940.9	26551.5	25751.1	24503.6	22945.9	21510.9
-10°	26962.6	26652.5	26681.3	26616.4	26457.8	26212.6	25917.0	25195.8	24171.8	22354.6	20941.2
-12.5°	25953.0	25816.0	25736.7	25628.5	25469.9	25253.5	24950.7	24272.8	23176.7	21626.3	20285.0
-15°	24756.0	24655.0	24582.9	24518.0	24287.2	24063.7	23667.1	23039.7	22354.6	20688.9	19318.7
-17.5°	23558.9	23306.5	23205.6	23119.0	22967.6	22607.0	22246.5	21777.7	20818.7	19499.0	18323.6
-20°	22022.9	21871.5	21748.9	21633.5	21417.2	21135.9	20840.3	20299.4	19470.2	18402.9	17184.2

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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°	20414.8	20328.3	20227.3	20083.1	19938.9	19672.1	19261.0	18741.8	18092.8	16939.0	15799.7
-25°	18756.3	18590.4	18467.8	18330.8	18215.4	17970.2	17573.6	17076.1	16261.2	15266.1	14314.2
-27.5°	16802.0	16643.4	16578.5	16419.8	16318.9	16095.3	15698.7	15237.2	14501.7	13665.2	12698.9
-30°	14595.4	14624.3	14552.1	14400.7	14278.1	13989.7	13686.8	13297.4	12720.5	11920.1	11054.7
-32.5°	12554.6	12590.7	12504.2	12345.5	12186.9	11977.8	11696.5	11343.2	10910.5	10146.1	9396.2
-35°	10513.9	10499.5	10427.4	10333.6	10225.4	10052.4	9735.1	9468.3	8970.7	8437.1	7917.9
-37.5°	8682.3	8718.3	8696.7	8646.2	8523.6	8379.4	8119.8	7874.6	7506.8	7038.1	6634.3
-40°	7232.8	7276.1	7247.2	7196.7	7088.6	7002.0	6829.0	6612.6	6317.0	5913.2	5574.2
-42.5°	6122.3	6151.1	6115.1	6071.8	5978.1	5913.2	5776.1	5595.9	5350.7	5040.6	4737.7
-45°	5242.5	5249.7	5213.7	5184.8	5112.7	5033.4	4918.0	4773.8	4579.1	4362.8	4117.6
-47.5°	4550.2	4543.0	4507.0	4478.1	4420.4	4348.3	4254.6	4124.8	3973.4	3807.5	3612.8
-50°	3944.5	3980.6	3966.1	3937.3	3894.0	3843.6	3749.8	3612.8	3461.4	3338.8	3201.8
-52.5°	3526.3	3533.5	3526.3	3526.3	3519.1	3483.0	3374.8	3237.8	3072.0	2963.8	2848.4
-55°	3136.9	3172.9	3187.3	3201.8	3209.0	3209.0	3079.2	2934.9	2776.3	2668.1	2581.6
-57.5°	2819.6	2841.2	2855.6	2891.7	2920.5	2942.2	2826.8	2697.0	2574.4	2473.4	2394.1
-60°	2545.5	2574.4	2596.0	2632.1	2653.7	2668.1	2596.0	2509.5	2437.4	2372.5	2257.1
-62.5°	2300.4	2322.0	2343.6	2365.3	2386.9	2401.3	2372.5	2329.2	2293.2	2264.3	2120.1
-65°	2055.2	2076.8	2098.5	2127.3	2148.9	2163.4	2156.1	2127.3	2098.5	2069.6	1939.8
-67.5°	1831.6	1853.3	1882.1	1889.3	1903.7	1911.0	1896.5	1874.9	1838.8	1802.8	1701.8
-70°	1593.7	1608.1	1622.5	1622.5	1622.5	1615.3	1600.9	1572.0	1536.0	1485.5	1406.2
-72.5°	1377.3	1391.8	1406.2	1384.5	1370.1	1348.5	1326.9	1290.8	1254.7	1218.7	1175.4
-75°	1175.4	1182.6	1182.6	1153.8	1132.2	1110.5	1081.7	1060.0	1024.0	995.1	959.1
-77.5°	937.5	937.5	937.5	915.8	901.4	887.0	865.3	843.7	814.9	793.2	764.4
-80°	728.3	728.3	728.3	721.1	699.5	685.1	670.6	656.2	634.6	620.2	605.7
-82.5°	555.3	555.3	555.3	548.0	533.6	526.4	512.0	497.6	490.4	475.9	468.7
-85°	403.8	411.0	411.0	403.8	396.6	382.2	375.0	367.8	360.6	353.3	338.9
-87.5°	274.0	274.0	274.0	266.8	259.6	259.6	252.4	238.0	223.5	216.3	209.1
-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	21.6	21.6	21.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	21.6
82.5°	36.1	36.1	43.3	43.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
80°	36.1	43.3	50.5	57.7	64.9	72.1	72.1	72.1	72.1	64.9	64.9
77.5°	43.3	43.3	50.5	57.7	64.9	72.1	79.3	86.5	79.3	79.3	79.3
75°	43.3	50.5	50.5	57.7	64.9	72.1	79.3	86.5	86.5	86.5	86.5
72.5°	36.1	43.3	50.5	57.7	57.7	64.9	72.1	72.1	79.3	79.3	86.5
70°	36.1	43.3	50.5	50.5	57.7	57.7	64.9	72.1	72.1	79.3	79.3
67.5°	43.3	50.5	50.5	57.7	64.9	64.9	64.9	72.1	72.1	79.3	79.3
65°	50.5	57.7	57.7	64.9	72.1	72.1	79.3	79.3	79.3	86.5	86.5
62.5°	86.5	86.5	86.5	79.3	86.5	86.5	86.5	93.7	93.7	86.5	93.7
60°	447.1	324.5	223.5	281.2	252.4	115.4	115.4	115.4	108.2	108.2	101.0
57.5°	1052.8	980.7	843.7	713.9	641.8	569.7	353.3	144.2	144.2	129.8	115.4
55°	1759.5	1521.6	1420.6	1247.5	1060.0	973.5	807.7	548.0	259.6	173.1	151.4
52.5°	2725.8	2502.3	2242.7	1889.3	1636.9	1435.0	1298.0	1031.2	692.3	367.8	230.8
50°	3648.9	3547.9	3389.3	3043.1	2516.7	2177.8	1954.2	1651.4	1240.3	757.2	432.7
47.5°	5877.1	5033.4	4521.4	4254.6	3814.7	3172.9	2740.2	2401.3	1903.7	1276.4	764.4
45°	7398.7	6865.0	6050.2	5487.7	4838.7	4160.8	3598.4	3209.0	2617.7	1911.0	1197.1
42.5°	8703.9	8242.4	7506.8	6684.8	5999.7	5112.7	4391.6	3879.6	3382.0	2610.4	1788.4
40°	10384.1	9836.0	9129.3	8328.9	7528.5	6396.3	5228.1	4607.9	4059.9	3374.8	2415.7
37.5°	13153.2	12186.9	11033.1	10146.1	9100.5	8141.4	6540.5	5444.4	4795.4	4081.5	3151.3
35°	16484.7	15424.7	13499.3	12323.9	10924.9	9497.1	8054.9	6432.4	5509.3	4752.2	3829.1
32.5°	19585.5	18035.1	15568.9	14191.6	13261.3	10629.3	9136.6	7730.4	6244.9	5314.6	4218.5
30°	20443.7	18734.6	16967.9	15359.8	13773.3	11646.0	9879.3	8783.2	7167.9	5653.6	4586.3
27.5°	19578.3	18402.9	17032.8	15540.1	13823.8	11999.4	10333.6	9288.0	7845.8	5884.3	4874.8
25°	18698.6	17472.7	16513.6	15266.1	13679.6	11977.8	10348.0	9605.3	8372.2	6331.4	5033.4
22.5°	17768.3	17003.9	16210.7	14819.0	13319.0	12042.7	10816.8	9879.3	8646.2	6836.2	5098.3
20°	17818.8	17321.2	16448.7	14588.2	13254.1	12424.8	11379.2	10225.4	8941.9	7276.1	5148.8
17.5°	18626.5	17977.5	16881.4	15266.1	13838.2	12814.3	11848.0	10701.4	9244.7	7665.5	5761.7
15°	19621.6	18633.7	17487.1	16066.5	14451.2	13239.7	12208.5	11033.1	9590.9	8026.0	6309.8
12.5°	20342.7	18936.5	17862.1	16578.5	15114.6	13701.2	12446.5	11285.5	9915.4	8321.7	6720.8
10°	20587.9	19311.5	18042.4	16895.8	15453.5	13946.4	12626.8	11444.1	10196.6	8552.4	7023.7
7.5°	20717.7	19636.0	18164.9	17040.0	15655.5	14097.8	12771.0	11530.7	10420.1	8711.1	7218.4
5°	20703.3	19809.1	18258.7	17083.3	15763.6	14162.7	12871.9	11552.3	10578.8	8848.1	7333.8
2.5°	20638.4	19924.5	18410.1	17155.4	15980.0	14285.3	13066.6	11595.6	10636.5	8999.5	7413.1
0°	20876.3	19931.7	18568.8	17177.0	16124.2	14328.6	13153.2	11559.5	10557.2	9042.8	7405.9
-2.5°	20364.3	19506.2	18532.7	16989.5	15929.5	14227.6	12994.5	11444.1	10384.1	8992.3	7377.0
-5°	20277.8	19196.1	18229.8	16816.5	15605.0	14018.5	12698.9	11227.8	10110.1	8826.5	7261.6
-7.5°	20047.1	18900.5	17934.2	16679.4	15302.1	13802.2	12417.6	11004.2	9814.4	8566.9	7095.8
-10°	19542.3	18446.2	17616.9	16383.8	14934.3	13492.1	12078.7	10708.6	9468.3	8213.5	6836.2
-12.5°	18821.2	17725.1	16903.0	15756.4	14472.8	13073.9	11674.9	10326.4	9071.7	7838.5	6526.1
-15°	18006.3	16895.8	16073.7	15028.1	13787.8	12424.8	11162.9	9843.2	8617.4	7441.9	6158.3
-17.5°	17083.3	16030.4	15237.2	14220.4	12987.3	11689.3	10434.6	9237.5	8090.9	7030.9	5732.9
-20°	16016.0	14992.0	14263.7	13246.9	12114.8	10852.8	9634.1	8502.0	7470.8	6475.6	5264.2

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CATALOG NUMBER: IFLD-L-SA8D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	14696.4	13795.0	12965.7	12057.1	11069.1	9915.4	8783.2	7780.9	6792.9	5819.4	4781.0
-25°	13347.9	12475.3	11667.7	10838.4	9893.7	8898.6	7932.3	7023.7	6057.4	5177.6	4312.3
-27.5°	11848.0	11069.1	10348.0	9583.6	8718.3	7860.2	7066.9	6180.0	5343.5	4593.5	3850.8
-30°	10247.1	9612.5	8985.1	8307.3	7607.8	6886.7	6180.0	5343.5	4687.3	4088.7	3461.4
-32.5°	8711.1	8141.4	7636.6	7131.8	6526.1	5934.8	5307.4	4687.3	4139.2	3612.8	3086.4
-35°	7362.6	6756.9	6475.6	6071.8	5588.7	5055.0	4543.0	4110.4	3670.5	3194.5	2725.8
-37.5°	6194.4	5805.0	5473.3	5170.4	4788.2	4326.7	3958.9	3605.6	3237.8	2805.1	2401.3
-40°	5278.6	4997.3	4665.6	4442.1	4132.0	3800.3	3432.5	3136.9	2826.8	2473.4	2141.7
-42.5°	4543.0	4312.3	4095.9	3858.0	3627.2	3346.0	3028.7	2747.5	2466.2	2206.6	1932.6
-45°	3937.3	3771.4	3598.4	3403.7	3201.8	2956.6	2697.0	2408.5	2206.6	1975.9	1745.1
-47.5°	3439.7	3317.1	3172.9	3021.5	2848.4	2632.1	2394.1	2185.0	1975.9	1781.2	1557.6
-50°	3043.1	2927.7	2812.4	2682.6	2531.1	2343.6	2163.4	1968.6	1773.9	1586.5	1377.3
-52.5°	2711.4	2610.4	2516.7	2408.5	2264.3	2105.7	1939.8	1766.7	1586.5	1399.0	1233.1
-55°	2480.6	2365.3	2271.5	2163.4	2033.6	1882.1	1730.7	1572.0	1399.0	1254.7	1117.7
-57.5°	2293.2	2163.4	2055.2	1939.8	1810.0	1680.2	1543.2	1399.0	1269.2	1132.2	1002.4
-60°	2134.5	1983.1	1860.5	1745.1	1622.5	1499.9	1384.5	1262.0	1139.4	1016.8	887.0
-62.5°	1968.6	1810.0	1658.6	1550.4	1456.7	1348.5	1247.5	1132.2	1024.0	901.4	807.7
-65°	1781.2	1629.7	1485.5	1391.8	1305.2	1211.5	1117.7	1016.8	923.0	829.3	742.8
-67.5°	1572.0	1442.2	1341.3	1254.7	1168.2	1088.9	1002.4	915.8	836.5	742.8	656.2
-70°	1319.6	1247.5	1189.8	1124.9	1045.6	973.5	894.2	814.9	728.3	649.0	569.7
-72.5°	1124.9	1081.7	1038.4	973.5	901.4	836.5	771.6	699.5	627.4	555.3	490.4
-75°	923.0	887.0	850.9	807.7	750.0	699.5	641.8	576.9	519.2	468.7	418.2
-77.5°	742.8	713.9	692.3	656.2	612.9	569.7	533.6	490.4	447.1	396.6	346.1
-80°	591.3	576.9	569.7	555.3	519.2	483.1	454.3	418.2	375.0	338.9	302.9
-82.5°	461.5	461.5	454.3	447.1	418.2	389.4	367.8	338.9	310.1	281.2	245.2
-85°	338.9	331.7	331.7	324.5	302.9	288.4	266.8	252.4	230.8	201.9	187.5
-87.5°	201.9	194.7	187.5	180.3	165.9	158.6	144.2	137.0	122.6	108.2	101.0
-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-SA8D-830-U-76-VI

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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	0.0	0.0
85°	21.6	14.4	14.4	14.4	14.4	14.4	7.2	7.2	7.2	7.2	7.2
82.5°	43.3	43.3	36.1	36.1	28.8	21.6	14.4	14.4	14.4	7.2	7.2
80°	64.9	64.9	64.9	57.7	50.5	36.1	28.8	21.6	14.4	7.2	7.2
77.5°	79.3	72.1	72.1	64.9	64.9	57.7	43.3	36.1	21.6	14.4	7.2
75°	79.3	79.3	79.3	72.1	72.1	64.9	57.7	43.3	36.1	21.6	14.4
72.5°	86.5	79.3	79.3	79.3	72.1	64.9	57.7	50.5	43.3	28.8	14.4
70°	79.3	79.3	79.3	79.3	72.1	72.1	57.7	50.5	50.5	28.8	21.6
67.5°	79.3	79.3	79.3	72.1	72.1	64.9	57.7	50.5	50.5	36.1	21.6
65°	86.5	79.3	79.3	79.3	72.1	64.9	57.7	50.5	50.5	43.3	28.8
62.5°	93.7	86.5	86.5	79.3	72.1	64.9	57.7	50.5	50.5	43.3	28.8
60°	101.0	93.7	86.5	86.5	79.3	72.1	57.7	57.7	50.5	43.3	28.8
57.5°	108.2	101.0	101.0	93.7	86.5	79.3	64.9	57.7	50.5	43.3	36.1
55°	129.8	115.4	108.2	108.2	101.0	86.5	72.1	57.7	50.5	43.3	36.1
52.5°	173.1	137.0	122.6	122.6	115.4	101.0	79.3	64.9	50.5	43.3	36.1
50°	274.0	173.1	144.2	129.8	129.8	115.4	93.7	72.1	50.5	43.3	36.1
47.5°	432.7	288.4	173.1	151.4	144.2	137.0	108.2	72.1	57.7	43.3	36.1
45°	713.9	425.5	281.2	180.3	151.4	144.2	122.6	79.3	57.7	50.5	36.1
42.5°	980.7	663.4	432.7	216.3	180.3	158.6	129.8	86.5	64.9	50.5	36.1
40°	1543.2	908.6	605.7	353.3	209.1	165.9	144.2	101.0	64.9	50.5	36.1
37.5°	2091.2	1204.3	814.9	519.2	238.0	187.5	151.4	108.2	72.1	50.5	43.3
35°	2639.3	1687.4	1009.6	692.3	317.3	223.5	158.6	115.4	72.1	50.5	43.3
32.5°	3129.6	2141.7	1211.5	865.3	475.9	266.8	173.1	122.6	79.3	57.7	43.3
30°	3533.5	2560.0	1572.0	1016.8	620.2	324.5	187.5	122.6	86.5	57.7	43.3
27.5°	3836.3	2884.5	1939.8	1175.4	742.8	382.2	216.3	137.0	86.5	57.7	43.3
25°	4081.5	3136.9	2264.3	1341.3	850.9	475.9	259.6	144.2	93.7	64.9	43.3
22.5°	4276.2	3346.0	2531.1	1564.8	980.7	569.7	317.3	158.6	93.7	64.9	43.3
20°	4543.0	3555.1	2711.4	1802.8	1117.7	656.2	367.8	173.1	93.7	64.9	50.5
17.5°	4773.8	3764.2	2855.6	2004.7	1254.7	721.1	425.5	187.5	101.0	64.9	50.5
15°	5040.6	3966.1	2985.4	2163.4	1384.5	778.8	475.9	201.9	101.0	72.1	50.5
12.5°	5329.1	4153.6	3079.2	2293.2	1521.6	829.3	519.2	230.8	108.2	72.1	50.5
10°	5624.7	4312.3	3158.5	2386.9	1622.5	879.8	548.0	259.6	115.4	72.1	50.5
7.5°	5920.4	4456.5	3259.4	2430.2	1665.8	937.5	562.5	288.4	115.4	79.3	50.5
5°	6122.3	4550.2	3403.7	2459.0	1687.4	1002.4	584.1	324.5	122.6	79.3	50.5
2.5°	6295.4	4607.9	3555.1	2480.6	1694.6	1038.4	576.9	346.1	129.8	79.3	50.5
0°	6374.7	4607.9	3656.1	2466.2	1673.0	1074.5	576.9	367.8	129.8	79.3	50.5
-2.5°	6252.1	4737.7	3627.2	2473.4	1680.2	1074.5	605.7	375.0	144.2	86.5	50.5
-5°	6057.4	4788.2	3540.7	2437.4	1665.8	1074.5	641.8	382.2	151.4	86.5	57.7
-7.5°	5869.9	4809.9	3439.7	2401.3	1644.1	1045.6	649.0	375.0	165.9	93.7	57.7
-10°	5624.7	4571.9	3309.9	2336.4	1600.9	1024.0	663.4	375.0	173.1	93.7	57.7
-12.5°	5343.5	4283.4	3151.3	2242.7	1550.4	1002.4	670.6	375.0	180.3	101.0	57.7
-15°	5019.0	3987.8	2971.0	2141.7	1478.3	973.5	656.2	367.8	187.5	101.0	64.9
-17.5°	4651.2	3699.3	2783.5	2019.1	1399.0	937.5	627.4	360.6	187.5	101.0	64.9
-20°	4233.0	3410.9	2574.4	1896.5	1305.2	894.2	598.5	346.1	187.5	101.0	64.9



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CATALOG NUMBER: IFLD-L-SA8D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3858.0	3144.1	2358.1	1759.5	1204.3	843.7	562.5	331.7	187.5	108.2	64.9
-25°	3547.9	2884.5	2192.2	1622.5	1096.1	786.0	526.4	317.3	187.5	108.2	64.9
-27.5°	3223.4	2603.2	2019.1	1492.7	1024.0	735.5	490.4	302.9	180.3	108.2	64.9
-30°	2891.7	2329.2	1838.8	1348.5	951.9	685.1	461.5	281.2	180.3	108.2	64.9
-32.5°	2588.8	2105.7	1673.0	1204.3	872.6	634.6	432.7	274.0	173.1	108.2	64.9
-35°	2293.2	1903.7	1499.9	1088.9	786.0	584.1	403.8	266.8	173.1	108.2	64.9
-37.5°	2048.0	1716.3	1341.3	1009.6	735.5	540.8	375.0	252.4	165.9	108.2	64.9
-40°	1846.1	1543.2	1189.8	923.0	692.3	497.6	346.1	245.2	165.9	108.2	64.9
-42.5°	1658.6	1377.3	1096.1	850.9	649.0	468.7	324.5	238.0	158.6	108.2	64.9
-45°	1492.7	1233.1	1002.4	786.0	598.5	432.7	310.1	223.5	151.4	108.2	72.1
-47.5°	1326.9	1132.2	915.8	728.3	548.0	389.4	295.7	216.3	144.2	101.0	72.1
-50°	1197.1	1024.0	843.7	663.4	497.6	375.0	281.2	201.9	144.2	101.0	72.1
-52.5°	1081.7	923.0	764.4	598.5	454.3	353.3	266.8	187.5	137.0	101.0	72.1
-55°	973.5	829.3	685.1	533.6	425.5	331.7	245.2	173.1	137.0	101.0	72.1
-57.5°	865.3	742.8	605.7	483.1	389.4	310.1	230.8	173.1	137.0	101.0	72.1
-60°	778.8	663.4	548.0	447.1	360.6	281.2	209.1	165.9	129.8	101.0	72.1
-62.5°	706.7	598.5	497.6	403.8	331.7	252.4	201.9	165.9	129.8	101.0	64.9
-65°	634.6	540.8	447.1	367.8	295.7	238.0	194.7	158.6	129.8	101.0	64.9
-67.5°	562.5	475.9	403.8	324.5	274.0	230.8	187.5	158.6	122.6	93.7	64.9
-70°	490.4	418.2	353.3	302.9	259.6	216.3	180.3	151.4	122.6	86.5	57.7
-72.5°	432.7	367.8	317.3	281.2	245.2	209.1	173.1	144.2	115.4	79.3	50.5
-75°	367.8	324.5	288.4	252.4	223.5	194.7	165.9	129.8	101.0	72.1	50.5
-77.5°	310.1	281.2	252.4	230.8	201.9	173.1	144.2	115.4	93.7	64.9	43.3
-80°	266.8	245.2	223.5	201.9	180.3	151.4	129.8	101.0	79.3	57.7	36.1
-82.5°	216.3	201.9	180.3	165.9	151.4	129.8	108.2	86.5	57.7	43.3	28.8
-85°	165.9	151.4	144.2	129.8	115.4	93.7	72.1	57.7	43.3	28.8	14.4
-87.5°	86.5	79.3	72.1	64.9	57.7	43.3	36.1	28.8	21.6	14.4	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722625

CATALOG NUMBER: IFLD-L-SA8D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	7.2	0.0	0.0	0.0
77.5°	7.2	0.0	0.0	0.0
75°	7.2	7.2	0.0	0.0
72.5°	7.2	7.2	0.0	0.0
70°	7.2	7.2	0.0	0.0
67.5°	14.4	7.2	0.0	0.0
65°	14.4	7.2	0.0	0.0
62.5°	14.4	7.2	0.0	0.0
60°	14.4	7.2	0.0	0.0
57.5°	21.6	7.2	7.2	0.0
55°	21.6	7.2	7.2	0.0
52.5°	21.6	7.2	7.2	0.0
50°	21.6	14.4	7.2	0.0
47.5°	21.6	14.4	7.2	0.0
45°	21.6	14.4	7.2	0.0
42.5°	21.6	14.4	7.2	0.0
40°	28.8	14.4	7.2	0.0
37.5°	28.8	14.4	7.2	0.0
35°	28.8	14.4	7.2	0.0
32.5°	28.8	14.4	7.2	0.0
30°	28.8	14.4	7.2	0.0
27.5°	28.8	21.6	7.2	0.0
25°	28.8	21.6	7.2	0.0
22.5°	36.1	21.6	7.2	0.0
20°	36.1	21.6	7.2	0.0
17.5°	36.1	21.6	7.2	0.0
15°	36.1	21.6	7.2	0.0
12.5°	36.1	21.6	7.2	0.0
10°	36.1	21.6	7.2	0.0
7.5°	36.1	21.6	7.2	0.0
5°	36.1	21.6	7.2	0.0
2.5°	36.1	21.6	7.2	0.0
0°	36.1	21.6	7.2	0.0
-2.5°	36.1	21.6	7.2	0.0
-5°	36.1	21.6	7.2	0.0
-7.5°	36.1	21.6	7.2	0.0
-10°	36.1	21.6	7.2	0.0
-12.5°	43.3	21.6	7.2	0.0
-15°	43.3	21.6	7.2	0.0
-17.5°	43.3	21.6	7.2	0.0
-20°	43.3	21.6	7.2	0.0



REPORT NUMBER: P722625

CATALOG NUMBER: IFLD-L-SA8D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	43.3	21.6	7.2	0.0
-25°	43.3	21.6	7.2	0.0
-27.5°	43.3	21.6	7.2	0.0
-30°	43.3	21.6	7.2	0.0
-32.5°	43.3	21.6	7.2	0.0
-35°	43.3	21.6	7.2	0.0
-37.5°	43.3	21.6	7.2	0.0
-40°	43.3	21.6	7.2	0.0
-42.5°	36.1	21.6	7.2	0.0
-45°	43.3	21.6	7.2	0.0
-47.5°	43.3	21.6	7.2	0.0
-50°	43.3	21.6	7.2	0.0
-52.5°	43.3	21.6	7.2	0.0
-55°	43.3	21.6	7.2	0.0
-57.5°	43.3	21.6	7.2	0.0
-60°	43.3	21.6	7.2	0.0
-62.5°	36.1	21.6	7.2	0.0
-65°	36.1	14.4	7.2	0.0
-67.5°	36.1	14.4	7.2	0.0
-70°	36.1	14.4	7.2	0.0
-72.5°	28.8	14.4	7.2	0.0
-75°	28.8	14.4	7.2	0.0
-77.5°	21.6	7.2	0.0	0.0
-80°	21.6	7.2	0.0	0.0
-82.5°	14.4	7.2	0.0	0.0
-85°	7.2	7.2	0.0	0.0
-87.5°	7.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)