

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: P722576

Luminaire Tested: **IFLD-S-SA3D-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722576
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17519 lumens	Max Intensity:	12230.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	11176.3 lumens	Field Lumens:	16516.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

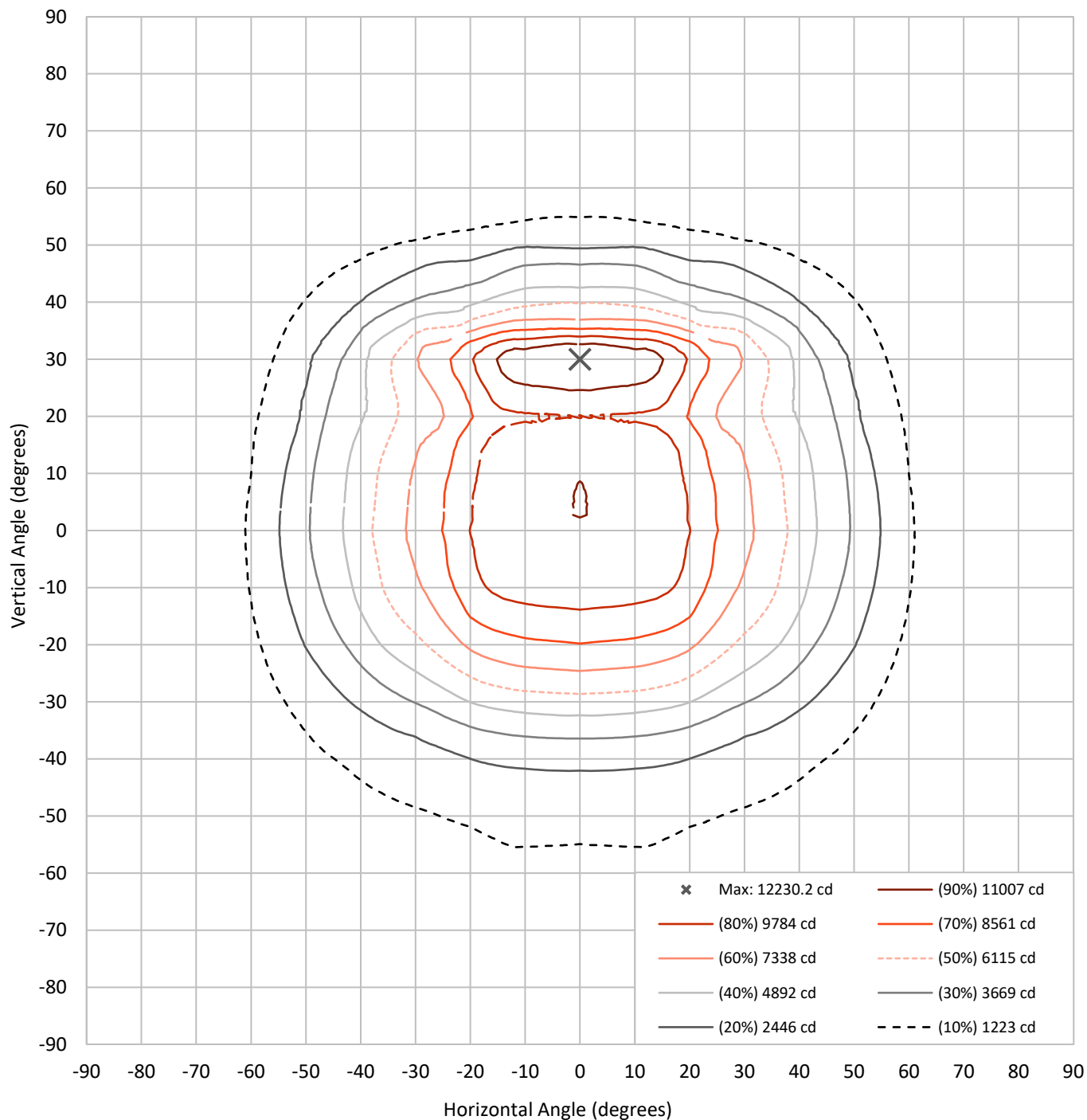
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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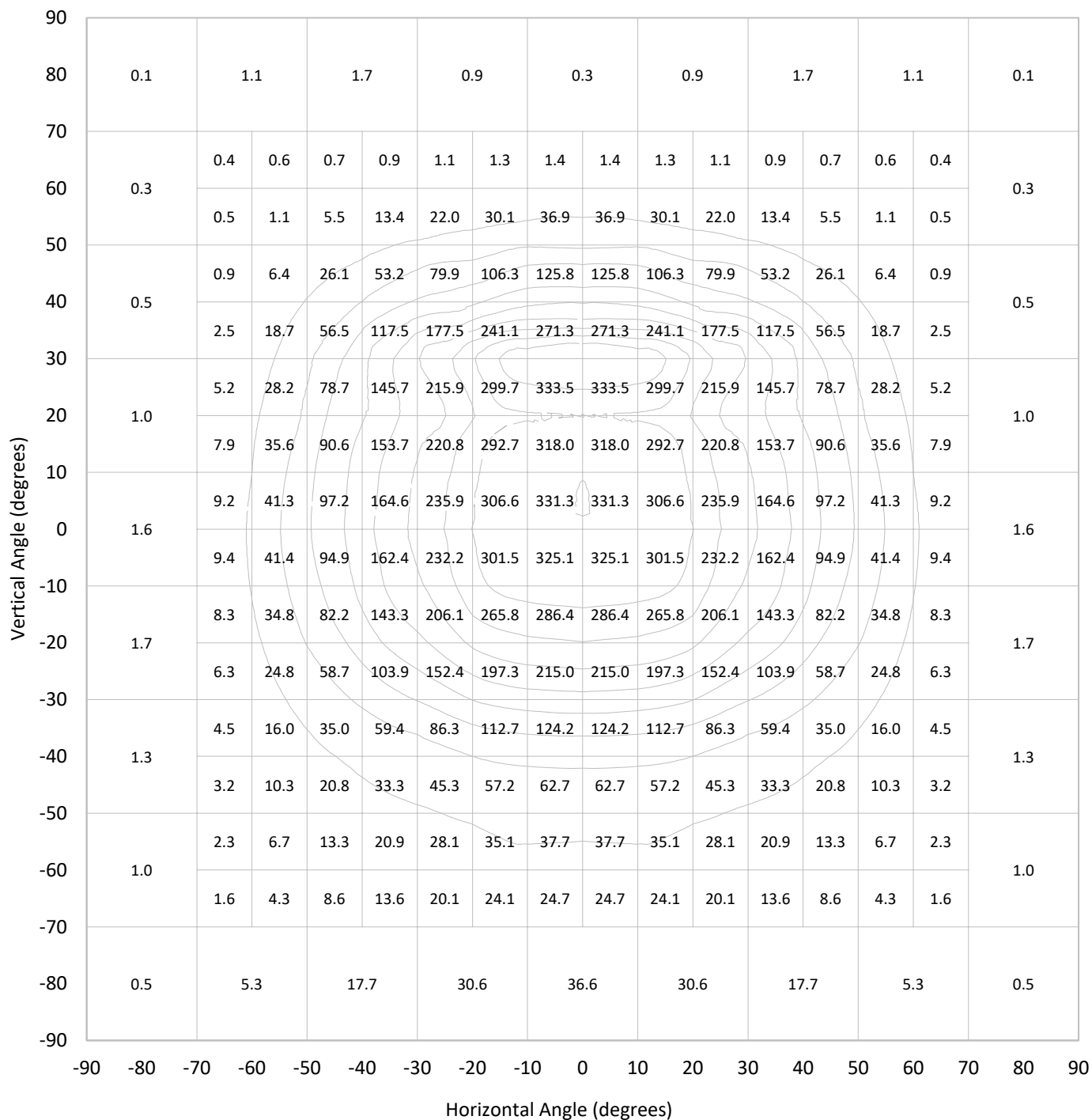
Iso-Candela Plot



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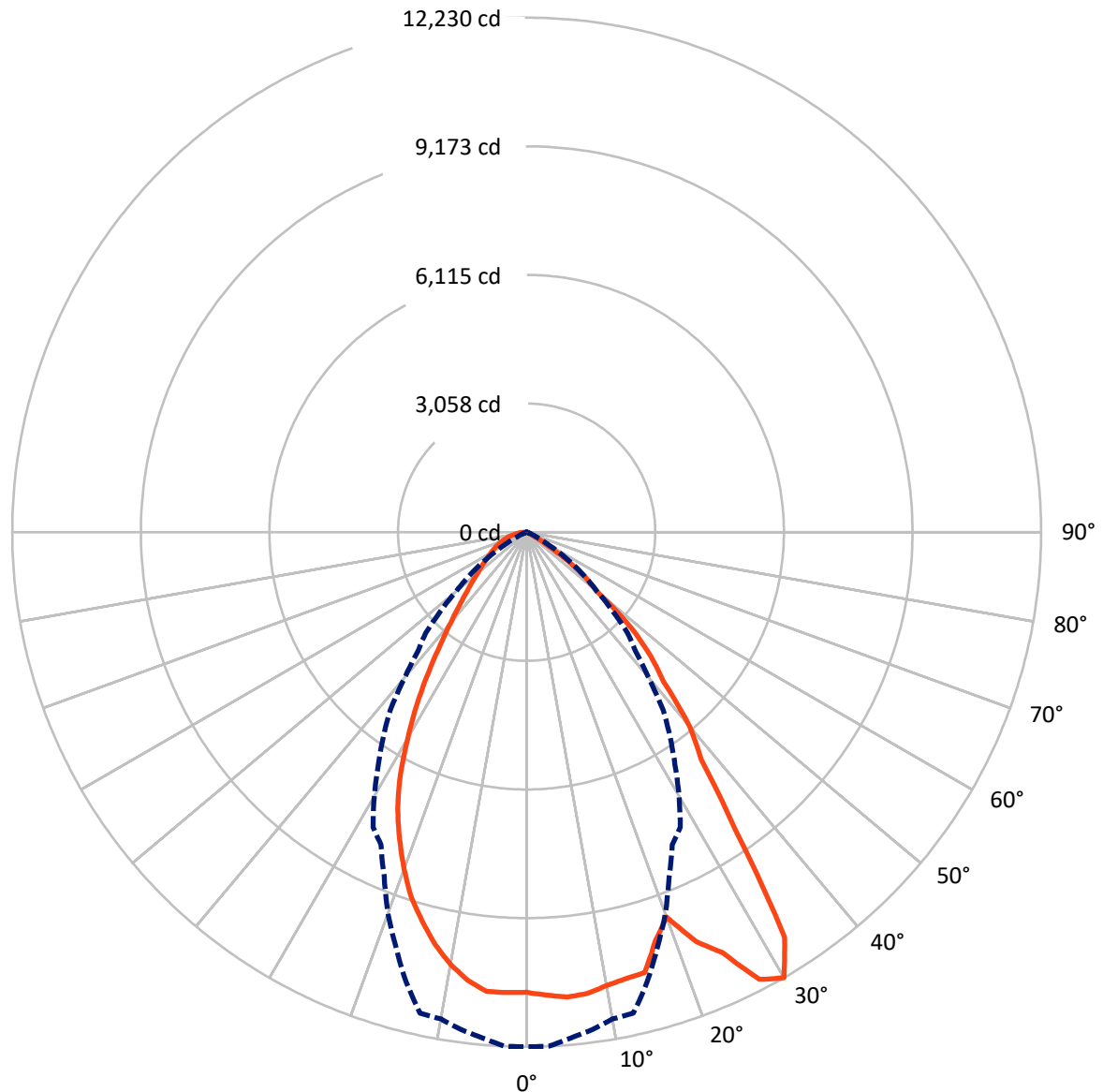
Lumen Table



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Luminous Intensity Polar Plot

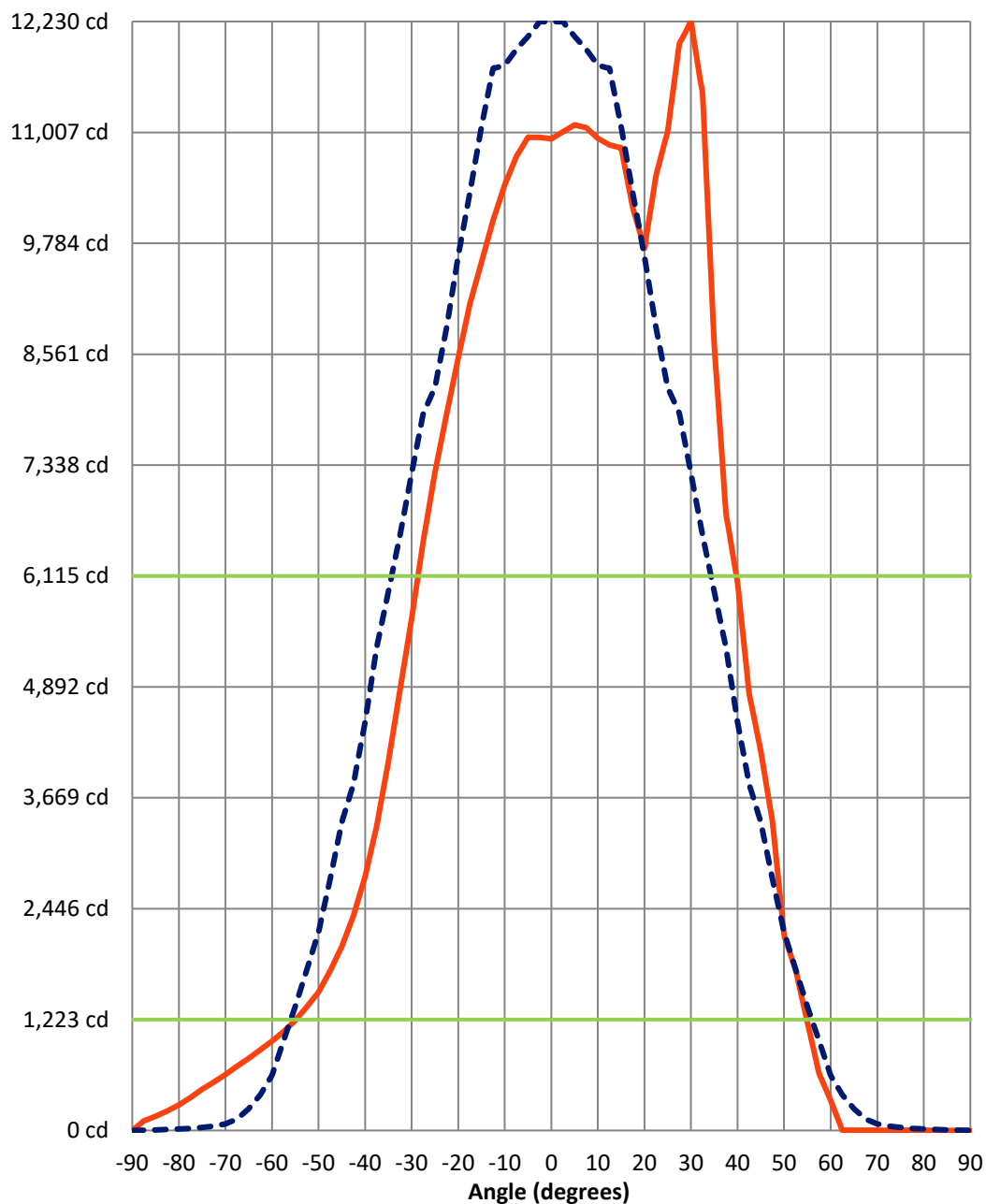


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11176.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16516.5

Efficiency: 94.3%

Spill:

Lumens: 1002.5

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	5.6	8.4
82.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	11.2
80°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2
77.5°	2.8	2.8	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	13.9
75°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	13.9
72.5°	0.0	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
70°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
67.5°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	11.2	11.2	11.2	13.9
65°	2.8	2.8	2.8	5.6	8.4	8.4	11.2	13.9	13.9	16.7	19.5
62.5°	2.8	5.6	5.6	8.4	11.2	13.9	30.7	47.4	47.4	33.5	27.9
60°	331.9	359.8	357.0	323.5	281.7	237.1	228.7	220.3	203.6	178.5	186.9
57.5°	630.3	663.8	677.8	669.4	647.1	608.0	585.7	560.6	527.1	488.1	443.5
55°	1193.7	1207.7	1177.0	1118.4	1054.3	990.1	967.8	934.3	884.1	833.9	767.0
52.5°	1765.5	1812.9	1799.0	1740.4	1653.9	1539.6	1414.1	1316.5	1257.9	1202.1	1135.2
50°	2156.0	2175.5	2214.5	2284.3	2309.4	2231.3	2027.7	1765.5	1578.6	1673.5	1600.9
47.5°	3402.7	3500.3	3480.8	3430.6	3346.9	3134.9	2850.5	2616.2	2420.9	2356.8	2367.9
45°	4180.9	4219.9	4206.0	4183.6	4144.6	3946.6	3631.4	3271.6	3090.3	3017.8	2942.5
42.5°	4819.6	4861.4	4869.8	4872.6	4830.7	4649.4	4364.9	4005.1	3823.9	3614.7	3450.1
40°	6038.4	6099.8	6030.0	5938.0	5798.5	5592.1	5313.2	4981.3	4660.6	4404.0	4208.7
37.5°	6816.6	6891.9	6919.8	6914.2	6883.5	6794.2	6451.2	6136.0	5645.1	5070.6	5173.8
35°	8662.9	8741.0	8718.7	8635.0	8590.4	8495.6	8160.9	7787.2	7170.8	6546.0	6378.7
32.5°	11415.8	11585.9	11268.0	10919.3	10704.6	10779.9	10439.6	9524.8	9240.3	8113.5	7591.9
30°	12230.2	12227.4	12065.6	11923.4	11747.7	11711.4	11069.9	10339.2	9641.9	8852.6	8194.4
27.5°	11982.0	11931.8	11795.1	11691.9	11527.3	11440.9	10813.3	10233.2	9427.1	8721.5	8085.6
25°	11025.3	11064.3	10924.9	10905.4	10841.2	10673.9	10361.5	9708.8	8989.3	8208.3	7750.9
22.5°	10531.6	10517.7	10350.3	10252.7	10330.8	10152.3	10026.8	9368.6	8618.3	7960.1	7410.6
20°	9728.4	9731.2	9689.3	9681.0	9633.5	9552.7	9452.3	8986.5	8456.5	7893.1	7232.1
17.5°	10177.4	10291.8	10342.0	9926.4	10043.5	9951.5	9845.5	9195.7	8796.8	8297.6	7435.7
15°	10835.6	10793.8	10743.6	10721.3	10657.1	10570.7	10378.2	9859.5	9173.3	8657.4	7985.2
12.5°	10869.1	10788.2	10768.7	10765.9	10699.0	10579.0	10392.2	9962.7	9354.6	8727.1	8180.4
10°	10941.6	10858.0	10846.8	10860.7	10757.5	10682.2	10495.4	10096.5	9410.4	8847.0	8331.0
7.5°	11058.8	10919.3	10983.5	10941.6	10894.2	10774.3	10573.5	10183.0	9614.0	9006.0	8464.9
5°	11089.5	10936.1	11005.8	10966.7	10897.0	10779.9	10562.3	10238.8	9739.5	9070.1	8517.9
2.5°	11014.1	10969.5	10938.8	10866.3	10835.6	10707.3	10501.0	10155.1	9681.0	9042.3	8506.7
0°	10936.1	10975.1	10905.4	10832.9	10818.9	10715.7	10540.0	10227.6	9817.6	9120.3	8601.6
-2.5°	10952.8	10922.1	10874.7	10799.4	10726.9	10579.0	10420.1	10127.2	9686.5	8950.2	8467.7
-5°	10952.8	10810.5	10816.1	10818.9	10746.4	10593.0	10400.5	10152.3	9608.4	8947.4	8428.7
-7.5°	10740.8	10618.1	10598.6	10581.8	10562.3	10420.1	10269.5	9959.9	9477.4	8874.9	8319.9
-10°	10428.4	10308.5	10319.7	10294.6	10233.2	10138.4	10024.0	9745.1	9349.1	8646.2	8099.5
-12.5°	10038.0	9985.0	9954.3	9912.5	9851.1	9767.4	9650.3	9388.1	8964.2	8364.5	7845.7
-15°	9575.0	9535.9	9508.0	9482.9	9393.7	9307.2	9153.8	8911.2	8646.2	8001.9	7472.0
-17.5°	9112.0	9014.4	8975.3	8941.8	8883.3	8743.8	8604.4	8423.1	8052.1	7541.7	7087.1
-20°	8517.9	8459.3	8411.9	8367.3	8283.6	8174.8	8060.5	7851.3	7530.6	7117.8	6646.4

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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°	7895.9	7862.5	7823.4	7767.6	7711.9	7608.7	7449.7	7248.9	6997.8	6551.6	6110.9
-25°	7254.4	7190.3	7142.9	7089.9	7045.3	6950.4	6797.0	6604.6	6289.4	5904.5	5536.4
-27.5°	6498.6	6437.2	6412.1	6350.8	6311.7	6225.3	6071.9	5893.4	5608.9	5285.3	4911.6
-30°	5645.1	5656.3	5628.4	5569.8	5522.4	5410.8	5293.7	5143.1	4920.0	4610.4	4275.7
-32.5°	4855.8	4869.8	4836.3	4774.9	4713.6	4632.7	4523.9	4387.3	4219.9	3924.3	3634.2
-35°	4066.5	4060.9	4033.0	3996.8	3954.9	3888.0	3765.3	3662.1	3469.6	3263.2	3062.4
-37.5°	3358.1	3372.0	3363.7	3344.1	3296.7	3240.9	3140.5	3045.7	2903.5	2722.2	2566.0
-40°	2797.5	2814.2	2803.0	2783.5	2741.7	2708.2	2641.3	2557.6	2443.2	2287.1	2156.0
-42.5°	2367.9	2379.1	2365.2	2348.4	2312.2	2287.1	2234.1	2164.3	2069.5	1949.6	1832.4
-45°	2027.7	2030.5	2016.5	2005.4	1977.5	1946.8	1902.2	1846.4	1771.1	1687.4	1592.6
-47.5°	1759.9	1757.1	1743.2	1732.0	1709.7	1681.8	1645.6	1595.4	1536.8	1472.6	1397.3
-50°	1525.6	1539.6	1534.0	1522.8	1506.1	1486.6	1450.3	1397.3	1338.8	1291.4	1238.4
-52.5°	1363.9	1366.7	1363.9	1363.9	1361.1	1347.1	1305.3	1252.3	1188.2	1146.3	1101.7
-55°	1213.3	1227.2	1232.8	1238.4	1241.1	1241.1	1190.9	1135.2	1073.8	1032.0	998.5
-57.5°	1090.5	1098.9	1104.5	1118.4	1129.6	1138.0	1093.3	1043.1	995.7	956.7	926.0
-60°	984.6	995.7	1004.1	1018.0	1026.4	1032.0	1004.1	970.6	942.7	917.6	873.0
-62.5°	889.7	898.1	906.5	914.8	923.2	928.8	917.6	900.9	886.9	875.8	820.0
-65°	794.9	803.3	811.6	822.8	831.2	836.7	833.9	822.8	811.6	800.5	750.3
-67.5°	708.4	716.8	728.0	730.7	736.3	739.1	733.5	725.2	711.2	697.3	658.2
-70°	616.4	622.0	627.5	627.5	627.5	624.8	619.2	608.0	594.1	574.6	543.9
-72.5°	532.7	538.3	543.9	535.5	529.9	521.6	513.2	499.2	485.3	471.4	454.6
-75°	454.6	457.4	457.4	446.3	437.9	429.5	418.4	410.0	396.1	384.9	370.9
-77.5°	362.6	362.6	362.6	354.2	348.6	343.1	334.7	326.3	315.2	306.8	295.6
-80°	281.7	281.7	281.7	278.9	270.5	265.0	259.4	253.8	245.4	239.9	234.3
-82.5°	214.8	214.8	214.8	212.0	206.4	203.6	198.0	192.4	189.7	184.1	181.3
-85°	156.2	159.0	159.0	156.2	153.4	147.8	145.0	142.2	139.5	136.7	131.1
-87.5°	106.0	106.0	106.0	103.2	100.4	100.4	97.6	92.0	86.5	83.7	80.9
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	8.4	8.4	8.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	8.4
82.5°	13.9	13.9	16.7	16.7	19.5	19.5	19.5	19.5	19.5	19.5	19.5
80°	13.9	16.7	19.5	22.3	25.1	27.9	27.9	27.9	27.9	25.1	25.1
77.5°	16.7	16.7	19.5	22.3	25.1	27.9	30.7	33.5	30.7	30.7	30.7
75°	16.7	19.5	19.5	22.3	25.1	27.9	30.7	33.5	33.5	33.5	33.5
72.5°	13.9	16.7	19.5	22.3	22.3	25.1	27.9	27.9	30.7	30.7	33.5
70°	13.9	16.7	19.5	19.5	22.3	22.3	25.1	27.9	27.9	30.7	30.7
67.5°	16.7	19.5	19.5	22.3	25.1	25.1	25.1	27.9	27.9	30.7	30.7
65°	19.5	22.3	22.3	25.1	27.9	27.9	30.7	30.7	30.7	33.5	33.5
62.5°	33.5	33.5	33.5	30.7	33.5	33.5	33.5	36.3	36.3	33.5	36.3
60°	172.9	125.5	86.5	108.8	97.6	44.6	44.6	44.6	41.8	41.8	39.0
57.5°	407.2	379.3	326.3	276.1	248.2	220.3	136.7	55.8	55.8	50.2	44.6
55°	680.5	588.5	549.5	482.5	410.0	376.5	312.4	212.0	100.4	66.9	58.6
52.5°	1054.3	967.8	867.4	730.7	633.1	555.0	502.0	398.8	267.8	142.2	89.3
50°	1411.3	1372.2	1310.9	1177.0	973.4	842.3	755.8	638.7	479.7	292.9	167.3
47.5°	2273.1	1946.8	1748.8	1645.6	1475.4	1227.2	1059.9	928.8	736.3	493.7	295.6
45°	2861.6	2655.2	2340.1	2122.5	1871.5	1609.3	1391.8	1241.1	1012.4	739.1	463.0
42.5°	3366.4	3187.9	2903.5	2585.5	2320.5	1977.5	1698.6	1500.5	1308.1	1009.7	691.7
40°	4016.3	3804.3	3531.0	3221.4	2911.8	2473.9	2022.1	1782.2	1570.3	1305.3	934.3
37.5°	5087.3	4713.6	4267.3	3924.3	3519.8	3148.9	2529.7	2105.8	1854.7	1578.6	1218.8
35°	6375.9	5965.9	5221.2	4766.6	4225.5	3673.2	3115.4	2487.9	2130.9	1838.0	1481.0
32.5°	7575.2	6975.5	6021.7	5488.9	5129.2	4111.1	3533.8	2989.9	2415.4	2055.6	1631.6
30°	7907.1	7246.1	6562.7	5940.8	5327.2	4504.4	3821.1	3397.1	2772.4	2186.7	1773.9
27.5°	7572.4	7117.8	6587.8	6010.5	5346.7	4641.1	3996.8	3592.4	3034.5	2275.9	1885.4
25°	7232.1	6758.0	6387.0	5904.5	5290.9	4632.7	4002.4	3715.1	3238.1	2448.8	1946.8
22.5°	6872.3	6576.7	6269.9	5731.6	5151.5	4657.8	4183.6	3821.1	3344.1	2644.1	1971.9
20°	6891.9	6699.4	6361.9	5642.3	5126.4	4805.6	4401.2	3954.9	3458.5	2814.2	1991.4
17.5°	7204.2	6953.2	6529.3	5904.5	5352.3	4956.2	4582.5	4139.0	3575.6	2964.8	2228.5
15°	7589.1	7207.0	6763.6	6214.1	5589.4	5120.8	4721.9	4267.3	3709.5	3104.3	2440.5
12.5°	7868.0	7324.2	6908.6	6412.1	5845.9	5299.3	4814.0	4364.9	3835.0	3218.6	2599.4
10°	7962.9	7469.2	6978.3	6534.9	5977.0	5394.1	4883.7	4426.3	3943.8	3307.9	2716.6
7.5°	8013.1	7594.7	7025.7	6590.6	6055.1	5452.7	4939.5	4459.8	4030.2	3369.2	2791.9
5°	8007.5	7661.7	7062.0	6607.4	6097.0	5477.8	4978.5	4468.1	4091.6	3422.2	2836.5
2.5°	7982.4	7706.3	7120.6	6635.3	6180.6	5525.2	5053.8	4484.9	4113.9	3480.8	2867.2
0°	8074.4	7709.1	7181.9	6643.6	6236.4	5541.9	5087.3	4470.9	4083.2	3497.5	2864.4
-2.5°	7876.4	7544.5	7168.0	6571.1	6161.1	5502.9	5026.0	4426.3	4016.3	3478.0	2853.2
-5°	7842.9	7424.6	7050.8	6504.2	6035.6	5422.0	4911.6	4342.6	3910.3	3413.9	2808.6
-7.5°	7753.7	7310.2	6936.5	6451.2	5918.5	5338.3	4802.8	4256.2	3796.0	3313.4	2744.5
-10°	7558.5	7134.5	6813.8	6336.8	5776.2	5218.4	4671.7	4141.8	3662.1	3176.8	2644.1
-12.5°	7279.5	6855.6	6537.6	6094.2	5597.7	5056.6	4515.5	3994.0	3508.7	3031.7	2524.1
-15°	6964.4	6534.9	6216.9	5812.5	5332.8	4805.6	4317.5	3807.1	3333.0	2878.3	2381.9
-17.5°	6607.4	6200.2	5893.4	5500.1	5023.2	4521.1	4035.8	3572.8	3129.4	2719.4	2217.3
-20°	6194.6	5798.5	5516.8	5123.6	4685.7	4197.6	3726.2	3288.3	2889.5	2504.6	2036.0

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CATALOG NUMBER: IFLD-S-SA3D-827-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°	5684.2	5335.5	5014.8	4663.4	4281.3	3835.0	3397.1	3009.4	2627.3	2250.8	1849.2
-25°	5162.6	4825.1	4512.8	4192.0	3826.6	3441.7	3068.0	2716.6	2342.8	2002.6	1667.9
-27.5°	4582.5	4281.3	4002.4	3706.7	3372.0	3040.1	2733.3	2390.3	2066.7	1776.7	1489.4
-30°	3963.3	3717.9	3475.2	3213.0	2942.5	2663.6	2390.3	2066.7	1812.9	1581.4	1338.8
-32.5°	3369.2	3148.9	2953.7	2758.4	2524.1	2295.4	2052.8	1812.9	1600.9	1397.3	1193.7
-35°	2847.7	2613.4	2504.6	2348.4	2161.6	1955.2	1757.1	1589.8	1419.7	1235.6	1054.3
-37.5°	2395.8	2245.2	2116.9	1999.8	1852.0	1673.5	1531.2	1394.5	1252.3	1085.0	928.8
-40°	2041.6	1932.8	1804.5	1718.1	1598.2	1469.9	1327.6	1213.3	1093.3	956.7	828.4
-42.5°	1757.1	1667.9	1584.2	1492.2	1402.9	1294.1	1171.4	1062.6	953.9	853.5	747.5
-45°	1522.8	1458.7	1391.8	1316.5	1238.4	1143.5	1043.1	931.6	853.5	764.2	675.0
-47.5°	1330.4	1283.0	1227.2	1168.6	1101.7	1018.0	926.0	845.1	764.2	688.9	602.4
-50°	1177.0	1132.4	1087.7	1037.5	979.0	906.5	836.7	761.4	686.1	613.6	532.7
-52.5°	1048.7	1009.7	973.4	931.6	875.8	814.4	750.3	683.3	613.6	541.1	476.9
-55°	959.4	914.8	878.6	836.7	786.5	728.0	669.4	608.0	541.1	485.3	432.3
-57.5°	886.9	836.7	794.9	750.3	700.1	649.9	596.9	541.1	490.9	437.9	387.7
-60°	825.6	767.0	719.6	675.0	627.5	580.1	535.5	488.1	440.7	393.3	343.1
-62.5°	761.4	700.1	641.5	599.7	563.4	521.6	482.5	437.9	396.1	348.6	312.4
-65°	688.9	630.3	574.6	538.3	504.8	468.6	432.3	393.3	357.0	320.7	287.3
-67.5°	608.0	557.8	518.8	485.3	451.8	421.2	387.7	354.2	323.5	287.3	253.8
-70°	510.4	482.5	460.2	435.1	404.4	376.5	345.8	315.2	281.7	251.0	220.3
-72.5°	435.1	418.4	401.6	376.5	348.6	323.5	298.4	270.5	242.7	214.8	189.7
-75°	357.0	343.1	329.1	312.4	290.1	270.5	248.2	223.1	200.8	181.3	161.8
-77.5°	287.3	276.1	267.8	253.8	237.1	220.3	206.4	189.7	172.9	153.4	133.9
-80°	228.7	223.1	220.3	214.8	200.8	186.9	175.7	161.8	145.0	131.1	117.1
-82.5°	178.5	178.5	175.7	172.9	161.8	150.6	142.2	131.1	119.9	108.8	94.8
-85°	131.1	128.3	128.3	125.5	117.1	111.6	103.2	97.6	89.3	78.1	72.5
-87.5°	78.1	75.3	72.5	69.7	64.1	61.4	55.8	53.0	47.4	41.8	39.0
-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-S-SA3D-827-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	8.4	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8	2.8	2.8
82.5°	16.7	16.7	13.9	13.9	11.2	8.4	5.6	5.6	5.6	2.8	2.8
80°	25.1	25.1	25.1	22.3	19.5	13.9	11.2	8.4	5.6	2.8	2.8
77.5°	30.7	27.9	27.9	25.1	25.1	22.3	16.7	13.9	8.4	5.6	2.8
75°	30.7	30.7	30.7	27.9	27.9	25.1	22.3	16.7	13.9	8.4	5.6
72.5°	33.5	30.7	30.7	30.7	27.9	25.1	22.3	19.5	16.7	11.2	5.6
70°	30.7	30.7	30.7	30.7	27.9	27.9	22.3	19.5	19.5	11.2	8.4
67.5°	30.7	30.7	30.7	27.9	27.9	25.1	22.3	19.5	19.5	13.9	8.4
65°	33.5	30.7	30.7	30.7	27.9	25.1	22.3	19.5	19.5	16.7	11.2
62.5°	36.3	33.5	33.5	30.7	27.9	25.1	22.3	19.5	19.5	16.7	11.2
60°	39.0	36.3	33.5	33.5	30.7	27.9	22.3	22.3	19.5	16.7	11.2
57.5°	41.8	39.0	39.0	36.3	33.5	30.7	25.1	22.3	19.5	16.7	13.9
55°	50.2	44.6	41.8	41.8	39.0	33.5	27.9	22.3	19.5	16.7	13.9
52.5°	66.9	53.0	47.4	47.4	44.6	39.0	30.7	25.1	19.5	16.7	13.9
50°	106.0	66.9	55.8	50.2	50.2	44.6	36.3	27.9	19.5	16.7	13.9
47.5°	167.3	111.6	66.9	58.6	55.8	53.0	41.8	27.9	22.3	16.7	13.9
45°	276.1	164.6	108.8	69.7	58.6	55.8	47.4	30.7	22.3	19.5	13.9
42.5°	379.3	256.6	167.3	83.7	69.7	61.4	50.2	33.5	25.1	19.5	13.9
40°	596.9	351.4	234.3	136.7	80.9	64.1	55.8	39.0	25.1	19.5	13.9
37.5°	808.8	465.8	315.2	200.8	92.0	72.5	58.6	41.8	27.9	19.5	16.7
35°	1020.8	652.6	390.5	267.8	122.7	86.5	61.4	44.6	27.9	19.5	16.7
32.5°	1210.5	828.4	468.6	334.7	184.1	103.2	66.9	47.4	30.7	22.3	16.7
30°	1366.7	990.1	608.0	393.3	239.9	125.5	72.5	47.4	33.5	22.3	16.7
27.5°	1483.8	1115.6	750.3	454.6	287.3	147.8	83.7	53.0	33.5	22.3	16.7
25°	1578.6	1213.3	875.8	518.8	329.1	184.1	100.4	55.8	36.3	25.1	16.7
22.5°	1653.9	1294.1	979.0	605.2	379.3	220.3	122.7	61.4	36.3	25.1	16.7
20°	1757.1	1375.0	1048.7	697.3	432.3	253.8	142.2	66.9	36.3	25.1	19.5
17.5°	1846.4	1455.9	1104.5	775.4	485.3	278.9	164.6	72.5	39.0	25.1	19.5
15°	1949.6	1534.0	1154.7	836.7	535.5	301.2	184.1	78.1	39.0	27.9	19.5
12.5°	2061.1	1606.5	1190.9	886.9	588.5	320.7	200.8	89.3	41.8	27.9	19.5
10°	2175.5	1667.9	1221.6	923.2	627.5	340.3	212.0	100.4	44.6	27.9	19.5
7.5°	2289.8	1723.7	1260.7	939.9	644.3	362.6	217.5	111.6	44.6	30.7	19.5
5°	2367.9	1759.9	1316.5	951.1	652.6	387.7	225.9	125.5	47.4	30.7	19.5
2.5°	2434.9	1782.2	1375.0	959.4	655.4	401.6	223.1	133.9	50.2	30.7	19.5
0°	2465.6	1782.2	1414.1	953.9	647.1	415.6	223.1	142.2	50.2	30.7	19.5
-2.5°	2418.1	1832.4	1402.9	956.7	649.9	415.6	234.3	145.0	55.8	33.5	19.5
-5°	2342.8	1852.0	1369.4	942.7	644.3	415.6	248.2	147.8	58.6	33.5	22.3
-7.5°	2270.3	1860.3	1330.4	928.8	635.9	404.4	251.0	145.0	64.1	36.3	22.3
-10°	2175.5	1768.3	1280.2	903.7	619.2	396.1	256.6	145.0	66.9	36.3	22.3
-12.5°	2066.7	1656.7	1218.8	867.4	599.7	387.7	259.4	145.0	69.7	39.0	22.3
-15°	1941.2	1542.4	1149.1	828.4	571.8	376.5	253.8	142.2	72.5	39.0	25.1
-17.5°	1799.0	1430.8	1076.6	780.9	541.1	362.6	242.7	139.5	72.5	39.0	25.1
-20°	1637.2	1319.2	995.7	733.5	504.8	345.8	231.5	133.9	72.5	39.0	25.1

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CATALOG NUMBER: IFLD-S-SA3D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1492.2	1216.0	912.0	680.5	465.8	326.3	217.5	128.3	72.5	41.8	25.1
-25°	1372.2	1115.6	847.9	627.5	423.9	304.0	203.6	122.7	72.5	41.8	25.1
-27.5°	1246.7	1006.9	780.9	577.3	396.1	284.5	189.7	117.1	69.7	41.8	25.1
-30°	1118.4	900.9	711.2	521.6	368.2	265.0	178.5	108.8	69.7	41.8	25.1
-32.5°	1001.3	814.4	647.1	465.8	337.5	245.4	167.3	106.0	66.9	41.8	25.1
-35°	886.9	736.3	580.1	421.2	304.0	225.9	156.2	103.2	66.9	41.8	25.1
-37.5°	792.1	663.8	518.8	390.5	284.5	209.2	145.0	97.6	64.1	41.8	25.1
-40°	714.0	596.9	460.2	357.0	267.8	192.4	133.9	94.8	64.1	41.8	25.1
-42.5°	641.5	532.7	423.9	329.1	251.0	181.3	125.5	92.0	61.4	41.8	25.1
-45°	577.3	476.9	387.7	304.0	231.5	167.3	119.9	86.5	58.6	41.8	27.9
-47.5°	513.2	437.9	354.2	281.7	212.0	150.6	114.4	83.7	55.8	39.0	27.9
-50°	463.0	396.1	326.3	256.6	192.4	145.0	108.8	78.1	55.8	39.0	27.9
-52.5°	418.4	357.0	295.6	231.5	175.7	136.7	103.2	72.5	53.0	39.0	27.9
-55°	376.5	320.7	265.0	206.4	164.6	128.3	94.8	66.9	53.0	39.0	27.9
-57.5°	334.7	287.3	234.3	186.9	150.6	119.9	89.3	66.9	53.0	39.0	27.9
-60°	301.2	256.6	212.0	172.9	139.5	108.8	80.9	64.1	50.2	39.0	27.9
-62.5°	273.3	231.5	192.4	156.2	128.3	97.6	78.1	64.1	50.2	39.0	25.1
-65°	245.4	209.2	172.9	142.2	114.4	92.0	75.3	61.4	50.2	39.0	25.1
-67.5°	217.5	184.1	156.2	125.5	106.0	89.3	72.5	61.4	47.4	36.3	25.1
-70°	189.7	161.8	136.7	117.1	100.4	83.7	69.7	58.6	47.4	33.5	22.3
-72.5°	167.3	142.2	122.7	108.8	94.8	80.9	66.9	55.8	44.6	30.7	19.5
-75°	142.2	125.5	111.6	97.6	86.5	75.3	64.1	50.2	39.0	27.9	19.5
-77.5°	119.9	108.8	97.6	89.3	78.1	66.9	55.8	44.6	36.3	25.1	16.7
-80°	103.2	94.8	86.5	78.1	69.7	58.6	50.2	39.0	30.7	22.3	13.9
-82.5°	83.7	78.1	69.7	64.1	58.6	50.2	41.8	33.5	22.3	16.7	11.2
-85°	64.1	58.6	55.8	50.2	44.6	36.3	27.9	22.3	16.7	11.2	5.6
-87.5°	33.5	30.7	27.9	25.1	22.3	16.7	13.9	11.2	8.4	5.6	2.8
-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-S-SA3D-827-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	5.6	2.8	0.0	0.0
65°	5.6	2.8	0.0	0.0
62.5°	5.6	2.8	0.0	0.0
60°	5.6	2.8	0.0	0.0
57.5°	8.4	2.8	2.8	0.0
55°	8.4	2.8	2.8	0.0
52.5°	8.4	2.8	2.8	0.0
50°	8.4	5.6	2.8	0.0
47.5°	8.4	5.6	2.8	0.0
45°	8.4	5.6	2.8	0.0
42.5°	8.4	5.6	2.8	0.0
40°	11.2	5.6	2.8	0.0
37.5°	11.2	5.6	2.8	0.0
35°	11.2	5.6	2.8	0.0
32.5°	11.2	5.6	2.8	0.0
30°	11.2	5.6	2.8	0.0
27.5°	11.2	8.4	2.8	0.0
25°	11.2	8.4	2.8	0.0
22.5°	13.9	8.4	2.8	0.0
20°	13.9	8.4	2.8	0.0
17.5°	13.9	8.4	2.8	0.0
15°	13.9	8.4	2.8	0.0
12.5°	13.9	8.4	2.8	0.0
10°	13.9	8.4	2.8	0.0
7.5°	13.9	8.4	2.8	0.0
5°	13.9	8.4	2.8	0.0
2.5°	13.9	8.4	2.8	0.0
0°	13.9	8.4	2.8	0.0
-2.5°	13.9	8.4	2.8	0.0
-5°	13.9	8.4	2.8	0.0
-7.5°	13.9	8.4	2.8	0.0
-10°	13.9	8.4	2.8	0.0
-12.5°	16.7	8.4	2.8	0.0
-15°	16.7	8.4	2.8	0.0
-17.5°	16.7	8.4	2.8	0.0
-20°	16.7	8.4	2.8	0.0

REPORT NUMBER: P722576

CATALOG NUMBER: IFLD-S-SA3D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.7	8.4	2.8	0.0
-25°	16.7	8.4	2.8	0.0
-27.5°	16.7	8.4	2.8	0.0
-30°	16.7	8.4	2.8	0.0
-32.5°	16.7	8.4	2.8	0.0
-35°	16.7	8.4	2.8	0.0
-37.5°	16.7	8.4	2.8	0.0
-40°	16.7	8.4	2.8	0.0
-42.5°	13.9	8.4	2.8	0.0
-45°	16.7	8.4	2.8	0.0
-47.5°	16.7	8.4	2.8	0.0
-50°	16.7	8.4	2.8	0.0
-52.5°	16.7	8.4	2.8	0.0
-55°	16.7	8.4	2.8	0.0
-57.5°	16.7	8.4	2.8	0.0
-60°	16.7	8.4	2.8	0.0
-62.5°	13.9	8.4	2.8	0.0
-65°	13.9	5.6	2.8	0.0
-67.5°	13.9	5.6	2.8	0.0
-70°	13.9	5.6	2.8	0.0
-72.5°	11.2	5.6	2.8	0.0
-75°	11.2	5.6	2.8	0.0
-77.5°	8.4	2.8	0.0	0.0
-80°	8.4	2.8	0.0	0.0
-82.5°	5.6	2.8	0.0	0.0
-85°	2.8	2.8	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)