

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: P721965

Luminaire Tested: **IFLD-S-SA3B-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721965  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

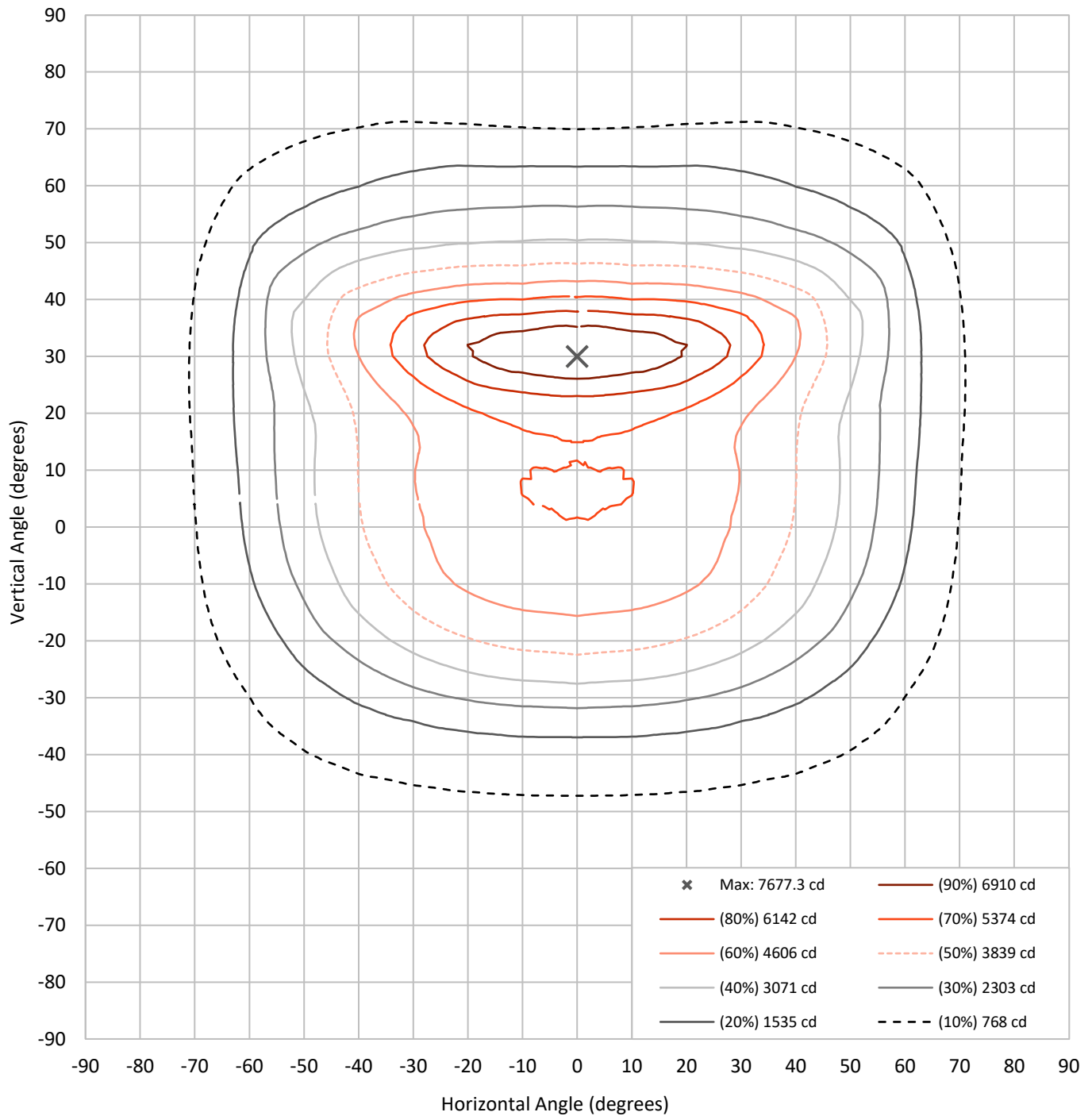
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12815.3 lumens	Max Intensity:	7677.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7452.2 lumens	Field Lumens:	12009.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4  
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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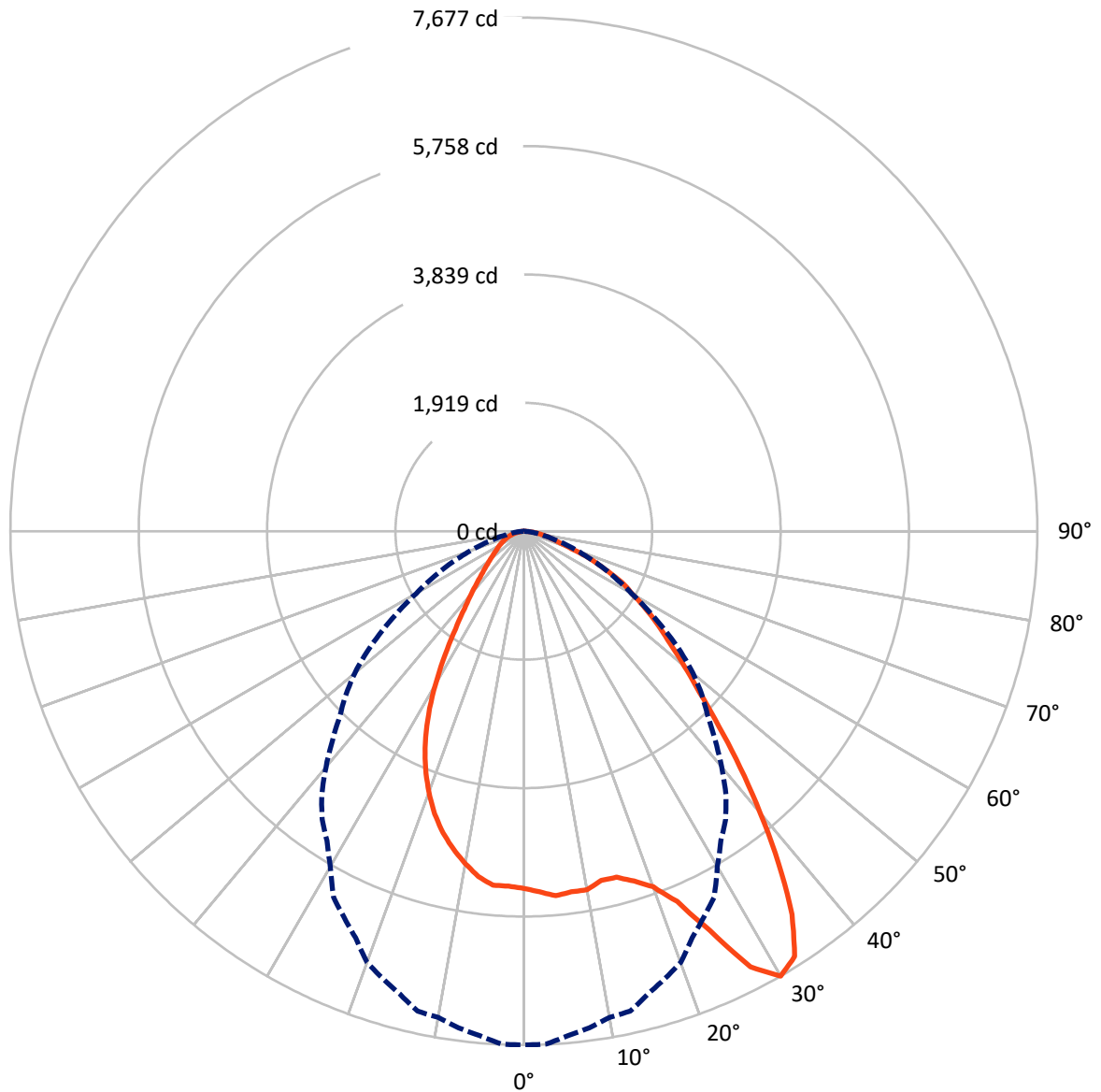
### Iso-Candela Plot





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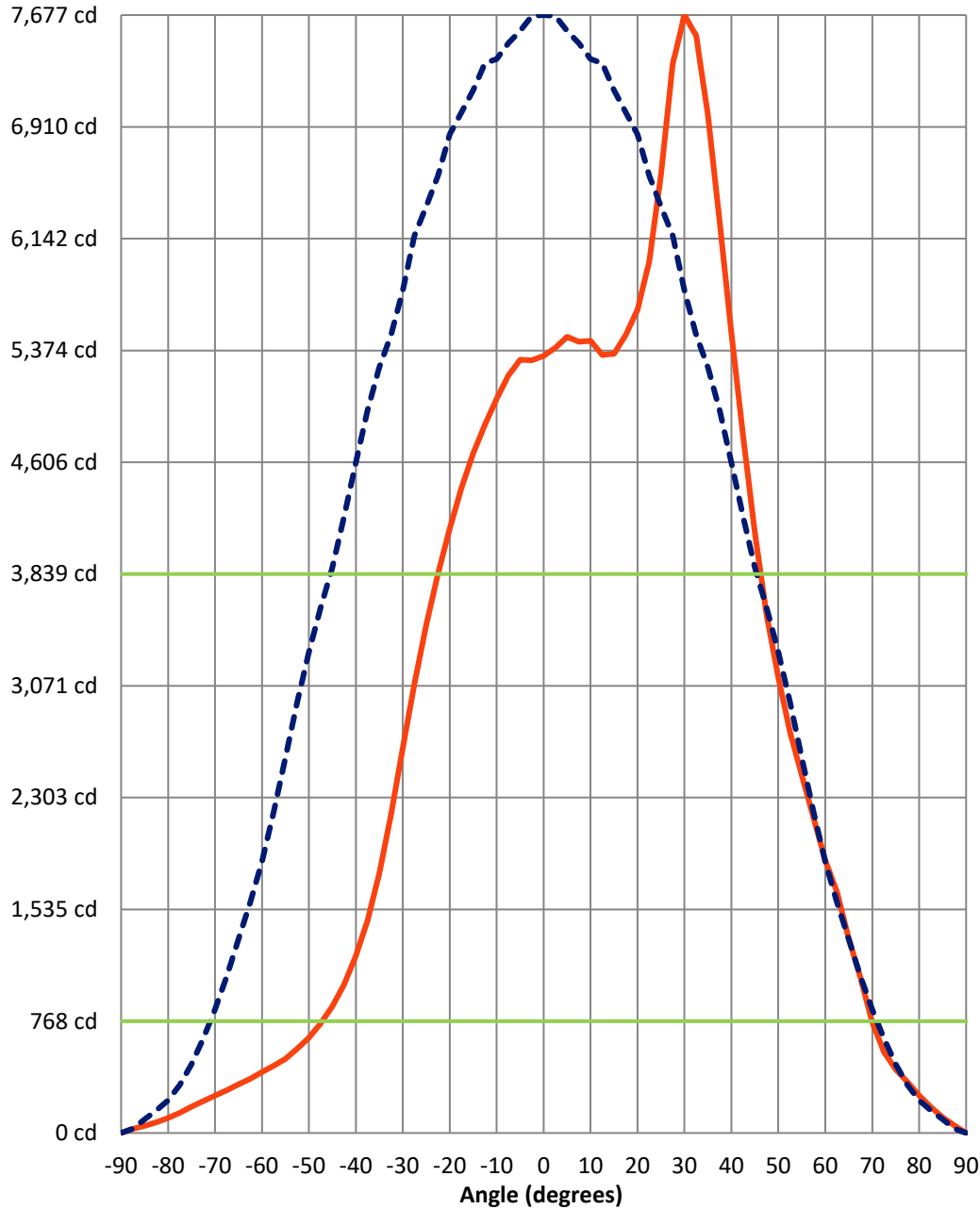
### Luminous Intensity Polar Plot



— 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: 7452.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 12009.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 805.7  
 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°	51.6	52.9	54.3	54.3	52.9	52.9	52.9	51.6	52.9	52.9	52.9
85°	107.3	110.0	112.7	111.3	110.0	107.3	104.5	105.9	107.3	108.6	108.6
82.5°	177.8	181.9	184.6	183.3	180.6	177.8	175.1	176.5	179.2	180.6	180.6
80°	257.9	259.3	260.7	263.4	259.3	259.3	257.9	263.4	266.1	268.8	271.5
77.5°	350.3	351.6	351.6	353.0	354.3	355.7	355.7	365.2	372.0	376.1	380.1
75°	437.1	441.2	445.3	449.4	454.8	457.5	461.6	475.2	486.0	494.2	502.3
72.5°	556.6	562.0	568.8	578.3	587.8	594.6	604.1	620.4	632.6	640.8	650.3
70°	761.6	767.0	773.8	780.6	790.1	796.9	806.4	826.8	839.0	844.4	849.9
67.5°	1065.7	1079.3	1091.5	1077.9	1071.2	1061.6	1064.4	1083.4	1095.6	1103.7	1102.4
65°	1335.9	1345.4	1345.4	1344.0	1338.6	1326.4	1333.2	1356.2	1369.8	1376.6	1356.2
62.5°	1653.6	1653.6	1646.8	1657.6	1659.0	1650.8	1646.8	1648.1	1649.5	1653.6	1619.6
60°	1873.5	1887.1	1891.1	1900.6	1903.4	1903.4	1910.2	1915.6	1915.6	1907.4	1868.1
57.5°	2164.0	2189.8	2195.2	2188.5	2174.9	2157.2	2154.5	2146.4	2130.1	2113.8	2094.8
55°	2457.3	2470.8	2469.5	2465.4	2451.8	2431.5	2434.2	2423.3	2397.5	2377.2	2351.4
52.5°	2751.9	2784.4	2789.9	2781.7	2762.7	2741.0	2742.4	2730.1	2704.3	2682.6	2647.3
50°	3127.9	3155.1	3152.4	3138.8	3111.6	3095.3	3096.7	3073.6	3043.8	3037.0	2990.8
47.5°	3558.3	3589.5	3584.1	3565.1	3528.4	3521.6	3528.4	3498.5	3480.9	3466.0	3411.7
45°	4123.0	4159.7	4139.3	4102.7	4044.3	4051.1	4060.6	4055.2	4017.2	3977.8	3908.5
42.5°	4785.6	4808.6	4784.2	4747.5	4674.2	4687.8	4682.4	4649.8	4626.7	4561.6	4473.3
40°	5494.2	5544.5	5506.4	5449.4	5373.4	5393.8	5378.8	5336.7	5282.4	5201.0	5089.7
37.5°	6258.6	6297.9	6254.5	6188.0	6120.1	6113.3	6083.4	6018.3	5940.9	5851.3	5673.4
35°	6990.3	7092.1	7012.0	6906.1	6823.3	6792.1	6763.6	6612.9	6524.7	6379.4	6136.4
32.5°	7534.7	7609.4	7510.3	7400.3	7299.8	7256.4	7155.9	6976.7	6929.2	6623.8	6401.1
30°	7677.3	7671.8	7568.6	7484.5	7375.9	7346.0	7161.4	7009.3	6857.3	6574.9	6363.1
27.5°	7337.9	7303.9	7204.8	7131.5	7024.2	6989.0	6807.0	6725.6	6490.7	6251.8	6072.6
25°	6581.7	6599.3	6524.7	6488.0	6417.4	6341.4	6269.4	6159.5	6012.8	5803.8	5639.5
22.5°	5985.7	6008.8	5977.5	5934.1	5879.8	5837.7	5783.4	5697.9	5556.7	5427.7	5272.9
20°	5654.4	5647.6	5620.5	5587.9	5536.3	5506.4	5446.7	5374.8	5266.2	5154.8	4987.8
17.5°	5480.7	5438.6	5412.8	5400.6	5373.4	5335.4	5264.8	5191.5	5107.3	4981.1	4858.9
15°	5351.7	5358.5	5338.1	5328.6	5306.9	5253.9	5182.0	5122.2	5008.2	4944.4	4833.1
12.5°	5343.5	5336.7	5338.1	5334.0	5306.9	5239.0	5202.3	5126.3	5053.0	4968.8	4841.2
10°	5439.9	5368.0	5373.4	5392.4	5349.0	5294.7	5255.3	5172.5	5103.2	4996.0	4869.7
7.5°	5434.5	5397.8	5408.7	5377.5	5391.1	5324.5	5270.2	5187.4	5100.5	4986.5	4872.4
5°	5467.1	5411.4	5401.9	5404.6	5370.7	5320.5	5247.1	5168.4	5086.9	4959.3	4842.6
2.5°	5392.4	5400.6	5357.1	5340.8	5336.7	5252.6	5184.7	5108.7	5024.5	4911.8	4807.3
0°	5336.7	5351.7	5306.9	5283.8	5282.4	5210.5	5167.0	5080.2	5020.4	4926.7	4800.5
-2.5°	5306.9	5324.5	5330.0	5287.9	5247.1	5191.5	5118.2	5024.5	4926.7	4818.1	4709.5
-5°	5309.6	5274.3	5259.4	5272.9	5237.6	5182.0	5100.5	5017.7	4921.3	4804.6	4668.8
-7.5°	5202.3	5167.0	5164.3	5157.5	5149.4	5096.5	5028.6	4939.0	4841.2	4732.6	4606.4
-10°	5042.1	5016.4	5009.6	5002.8	4981.1	4949.8	4886.0	4804.6	4716.3	4607.7	4473.3
-12.5°	4864.3	4852.1	4826.3	4808.6	4786.9	4750.3	4689.2	4614.5	4526.3	4429.9	4314.5
-15°	4667.4	4644.4	4618.6	4603.6	4572.4	4529.0	4467.9	4398.6	4302.3	4207.2	4098.6
-17.5°	4429.9	4401.4	4372.8	4368.8	4347.1	4280.5	4223.5	4139.3	4055.2	3964.2	3858.3
-20°	4150.2	4110.8	4091.8	4081.0	4051.1	4002.2	3941.1	3863.7	3782.3	3695.4	3573.2



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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°	3840.7	3806.7	3774.1	3753.8	3728.0	3690.0	3631.6	3563.7	3483.6	3385.9	3273.2
-25°	3489.0	3441.5	3421.2	3398.1	3384.5	3349.2	3292.2	3229.7	3146.9	3051.9	2944.6
-27.5°	3087.2	3049.2	3038.3	3005.7	2989.4	2952.8	2905.3	2846.9	2770.9	2681.3	2593.0
-30°	2643.3	2620.2	2602.5	2569.9	2557.7	2518.4	2487.1	2438.3	2369.0	2305.2	2234.6
-32.5°	2187.1	2164.0	2158.6	2143.7	2135.5	2109.7	2074.4	2039.1	1983.5	1935.9	1878.9
-35°	1782.5	1766.2	1767.6	1766.2	1758.1	1739.1	1695.6	1686.1	1645.4	1602.0	1565.3
-37.5°	1459.4	1460.8	1459.4	1458.1	1447.2	1439.1	1407.8	1395.6	1371.2	1329.1	1307.4
-40°	1216.4	1219.1	1217.8	1215.1	1202.8	1198.8	1178.4	1162.1	1152.6	1122.7	1099.7
-42.5°	1019.6	1023.6	1022.3	1020.9	1012.8	1011.4	1000.6	981.5	976.1	958.5	934.0
-45°	870.2	868.9	866.2	868.9	864.8	860.7	853.9	841.7	834.9	826.8	806.4
-47.5°	752.1	753.5	750.8	750.8	745.3	741.3	738.5	730.4	725.0	718.2	706.0
-50°	654.4	659.8	658.4	657.1	653.0	650.3	650.3	642.1	634.0	631.3	623.1
-52.5°	578.3	582.4	583.8	586.5	587.8	589.2	585.1	577.0	563.4	562.0	558.0
-55°	509.1	521.3	529.5	534.9	540.3	544.4	536.3	525.4	511.8	506.4	505.0
-57.5°	461.6	473.8	483.3	491.5	498.2	505.0	496.9	486.0	473.8	467.0	465.7
-60°	418.1	429.0	438.5	449.4	458.9	469.7	465.7	457.5	450.7	445.3	439.9
-62.5°	372.0	382.8	393.7	407.3	419.5	430.4	431.7	430.4	429.0	430.4	420.9
-65°	334.0	339.4	346.2	361.1	374.7	386.9	393.7	397.8	404.6	411.4	401.9
-67.5°	293.2	300.0	308.2	319.0	329.9	338.0	347.5	358.4	369.3	380.1	373.3
-70°	256.6	262.0	268.8	274.2	281.0	286.5	294.6	306.8	319.0	329.9	327.2
-72.5°	218.6	224.0	228.1	230.8	234.9	237.6	241.7	252.5	260.7	266.1	266.1
-75°	180.6	186.0	190.1	191.4	194.1	195.5	198.2	202.3	206.4	207.7	209.1
-77.5°	138.5	143.9	148.0	150.7	153.4	156.1	157.5	160.2	161.6	161.6	162.9
-80°	103.2	107.3	110.0	114.0	115.4	118.1	120.8	122.2	123.5	123.5	124.9
-82.5°	73.3	76.0	78.7	81.5	84.2	85.5	88.2	89.6	91.0	92.3	93.7
-85°	48.9	51.6	54.3	57.0	58.4	59.7	61.1	62.4	63.8	65.2	66.5
-87.5°	28.5	29.9	31.2	33.9	35.3	38.0	39.4	38.0	39.4	39.4	39.4
-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°	52.9	52.9	52.9	52.9	51.6	48.9	47.5	44.8	42.1	39.4	36.7
85°	110.0	111.3	111.3	111.3	108.6	107.3	103.2	99.1	93.7	85.5	78.7
82.5°	183.3	184.6	184.6	183.3	180.6	176.5	171.1	164.3	153.4	142.5	133.0
80°	275.6	277.0	277.0	275.6	268.8	262.0	255.2	247.1	233.5	218.6	202.3
77.5°	385.6	388.3	388.3	384.2	374.7	366.6	355.7	342.1	321.8	300.0	278.3
75°	513.2	520.0	521.3	517.2	505.0	490.1	472.4	449.4	418.1	391.0	365.2
72.5°	661.2	667.9	673.4	667.9	650.3	629.9	604.1	577.0	545.8	509.1	465.7
70°	855.3	862.1	866.2	848.5	817.3	783.3	752.1	720.9	684.2	639.4	591.9
67.5°	1099.7	1092.9	1084.7	1049.4	1010.1	969.3	925.9	879.7	832.2	784.7	729.0
65°	1334.5	1315.5	1297.9	1255.8	1205.6	1152.6	1102.4	1050.8	993.8	934.0	881.1
62.5°	1581.6	1540.9	1497.4	1445.8	1394.3	1335.9	1285.7	1224.6	1160.8	1087.4	1019.6
60°	1824.6	1775.7	1732.3	1668.5	1600.6	1521.9	1467.6	1407.8	1333.2	1254.4	1174.3
57.5°	2059.5	2006.5	1959.0	1903.4	1830.1	1744.5	1684.8	1607.4	1528.7	1429.6	1348.1
55°	2309.3	2256.3	2218.3	2155.9	2075.8	1997.0	1931.9	1850.4	1740.4	1634.6	1534.1
52.5°	2595.7	2553.7	2512.9	2449.1	2352.7	2272.6	2200.7	2109.7	1994.3	1864.0	1743.2
50°	2916.1	2894.4	2851.0	2776.3	2666.3	2595.7	2500.7	2379.9	2256.3	2119.2	1968.5
47.5°	3341.1	3305.8	3244.7	3163.2	3070.9	2965.0	2837.4	2696.2	2521.1	2369.0	2208.8
45°	3848.8	3783.6	3704.9	3594.9	3480.9	3361.4	3221.6	3042.4	2807.5	2609.3	2441.0
42.5°	4398.6	4310.4	4203.1	4059.2	3911.3	3764.6	3613.9	3369.6	3076.3	2848.3	2658.2
40°	4972.9	4860.2	4725.8	4516.8	4352.5	4163.8	3991.4	3626.2	3313.9	3066.8	2864.5
37.5°	5535.0	5392.4	5167.0	4913.2	4721.8	4567.0	4188.2	3797.2	3517.6	3246.0	3041.0
35°	5965.3	5844.5	5446.7	5183.3	5019.1	4774.7	4300.9	3900.4	3604.4	3379.1	3060.0
32.5°	6220.5	5908.3	5559.4	5293.3	5157.5	4757.0	4309.0	3930.3	3645.2	3392.7	3011.2
30°	6163.5	5786.1	5480.7	5258.0	4963.4	4603.6	4233.0	3884.1	3607.2	3301.7	2956.9
27.5°	5820.1	5528.2	5255.3	5023.1	4734.0	4410.9	4068.7	3761.9	3504.0	3208.0	2882.2
25°	5431.8	5167.0	4964.8	4762.5	4488.2	4180.1	3878.7	3657.4	3398.1	3106.2	2784.4
22.5°	5074.7	4884.7	4725.8	4514.0	4246.6	3977.8	3790.4	3561.0	3294.9	2999.0	2684.0
20°	4846.7	4717.7	4535.8	4302.3	4091.8	3923.5	3715.8	3472.8	3198.5	2889.0	2598.5
17.5°	4736.7	4587.3	4385.1	4233.0	4071.5	3886.8	3654.7	3396.7	3104.8	2838.8	2608.0
15°	4679.7	4522.2	4389.1	4239.8	4057.9	3863.7	3605.8	3338.4	3104.8	2859.1	2614.7
12.5°	4691.9	4556.1	4410.9	4247.9	4052.5	3844.7	3611.2	3362.8	3121.1	2874.1	2616.1
10°	4729.9	4587.3	4432.6	4252.0	4055.2	3850.2	3626.2	3377.7	3129.3	2880.8	2613.4
7.5°	4743.5	4588.7	4423.1	4241.2	4048.4	3847.5	3628.9	3381.8	3130.6	2879.5	2605.2
5°	4701.4	4561.6	4401.4	4218.1	4029.4	3833.9	3618.0	3376.4	3119.8	2865.9	2584.9
2.5°	4644.4	4531.7	4378.3	4201.8	4010.4	3814.9	3600.4	3351.9	3095.3	2841.5	2559.1
0°	4634.9	4495.0	4340.3	4182.8	3979.1	3772.8	3559.6	3305.8	3050.5	2795.3	2514.3
-2.5°	4572.4	4424.4	4269.7	4098.6	3919.4	3711.7	3487.7	3239.2	2986.7	2735.6	2465.4
-5°	4524.9	4360.6	4196.4	4011.7	3831.2	3623.4	3391.3	3149.6	2902.6	2658.2	2397.5
-7.5°	4461.1	4292.7	4120.3	3927.6	3732.1	3520.3	3290.8	3049.2	2806.2	2563.2	2313.4
-10°	4332.1	4184.1	4022.6	3823.0	3616.7	3404.9	3176.8	2939.2	2696.2	2450.5	2199.3
-12.5°	4176.0	4019.9	3843.4	3660.1	3475.5	3278.6	3050.5	2817.0	2572.7	2325.6	2075.8
-15°	3973.7	3820.3	3639.7	3460.5	3282.7	3094.0	2893.1	2682.6	2434.2	2191.2	1941.4
-17.5°	3721.2	3577.3	3415.7	3244.7	3068.2	2878.1	2682.6	2504.8	2272.6	2044.6	1797.5
-20°	3449.7	3315.3	3170.0	3008.5	2832.0	2646.0	2461.3	2275.3	2074.4	1873.5	1644.1



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 CATALOG NUMBER: IFLD-S-SA3B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3167.3	3031.5	2884.9	2734.2	2571.3	2398.9	2227.8	2050.0	1873.5	1691.6	1497.4
-25°	2841.5	2722.0	2587.6	2441.0	2295.7	2145.0	1982.1	1820.5	1669.9	1512.4	1353.5
-27.5°	2500.7	2390.7	2268.6	2140.9	2016.0	1889.8	1748.6	1599.3	1474.4	1344.0	1212.3
-30°	2142.3	2054.1	1955.0	1843.6	1747.2	1645.4	1527.3	1403.8	1289.7	1190.6	1084.7
-32.5°	1802.9	1728.2	1657.6	1584.3	1489.3	1410.6	1329.1	1238.1	1137.7	1044.0	968.0
-35°	1511.0	1430.9	1401.0	1346.7	1278.9	1209.6	1149.9	1084.7	1008.7	925.9	863.4
-37.5°	1265.3	1217.8	1175.7	1145.8	1101.0	1045.4	997.8	950.3	891.9	829.5	767.0
-40°	1073.9	1041.3	995.1	980.2	951.7	913.7	864.8	828.1	788.8	741.3	688.3
-42.5°	920.5	896.0	866.2	840.4	828.1	801.0	763.0	727.7	696.5	663.9	623.1
-45°	794.2	777.9	758.9	735.8	726.3	704.6	677.4	638.1	620.4	593.3	563.4
-47.5°	692.4	684.2	670.7	655.7	642.1	625.9	601.4	577.0	552.5	534.9	511.8
-50°	612.3	606.8	598.7	586.5	568.8	558.0	541.7	520.0	496.9	481.9	465.7
-52.5°	548.5	543.0	537.6	528.1	514.5	503.7	490.1	472.4	453.4	438.5	424.9
-55°	499.6	491.5	487.4	479.2	468.4	456.2	443.9	431.7	415.4	401.9	388.3
-57.5°	461.6	450.7	445.3	438.5	427.6	415.4	405.9	393.7	382.8	367.9	355.7
-60°	431.7	419.5	408.6	401.9	392.3	380.1	370.6	361.1	350.3	338.0	323.1
-62.5°	407.3	392.3	377.4	369.3	359.8	348.9	339.4	329.9	319.0	306.8	293.2
-65°	384.2	366.6	347.5	339.4	329.9	319.0	306.8	300.0	290.5	279.7	266.1
-67.5°	355.7	336.7	320.4	310.9	301.4	291.9	281.0	274.2	264.7	251.2	237.6
-70°	313.6	301.4	290.5	282.4	274.2	266.1	255.2	244.4	233.5	221.3	209.1
-72.5°	260.7	256.6	255.2	251.2	241.7	232.2	221.3	210.4	200.9	191.4	181.9
-75°	210.4	213.1	215.9	214.5	205.0	195.5	186.0	176.5	169.7	161.6	153.4
-77.5°	167.0	169.7	172.4	172.4	165.6	160.2	153.4	146.6	141.2	134.4	126.3
-80°	129.0	133.0	137.1	139.8	134.4	130.3	124.9	119.5	114.0	108.6	103.2
-82.5°	97.7	101.8	105.9	108.6	104.5	101.8	97.7	93.7	89.6	84.2	80.1
-85°	70.6	73.3	76.0	77.4	74.7	72.0	69.2	66.5	63.8	59.7	57.0
-87.5°	40.7	42.1	43.4	44.8	42.1	39.4	38.0	35.3	33.9	31.2	29.9
-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):**

	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°	33.9	31.2	28.5	27.2	24.4	20.4	17.6	14.9	12.2	9.5	8.1
85°	72.0	65.2	57.0	52.9	47.5	42.1	36.7	31.2	25.8	20.4	14.9
82.5°	123.5	115.4	107.3	97.7	85.5	70.6	55.7	46.2	38.0	29.9	23.1
80°	186.0	171.1	157.5	145.3	131.7	112.7	92.3	73.3	51.6	39.4	29.9
77.5°	257.9	240.3	221.3	200.9	179.2	153.4	130.3	105.9	80.1	54.3	38.0
75°	339.4	316.3	290.5	262.0	233.5	199.6	167.0	138.5	108.6	76.0	46.2
72.5°	430.4	401.9	370.6	332.6	287.8	248.4	209.1	171.1	135.8	96.4	62.4
70°	547.1	502.3	456.2	415.4	358.4	296.0	249.8	206.4	161.6	118.1	78.7
67.5°	672.0	617.7	562.0	502.3	430.4	357.1	290.5	241.7	188.7	138.5	93.7
65°	807.8	739.9	669.3	602.8	503.7	416.8	342.1	275.6	214.5	157.5	108.6
62.5°	947.6	867.5	786.1	699.2	585.1	477.9	391.0	313.6	238.9	175.1	122.2
60°	1096.9	1003.3	904.2	795.6	662.5	544.4	437.1	353.0	264.7	192.8	137.1
57.5°	1254.4	1152.6	1035.9	889.2	742.6	608.2	490.1	388.3	287.8	209.1	148.0
55°	1425.5	1308.7	1181.1	987.0	821.4	672.0	543.0	423.6	312.2	222.6	158.8
52.5°	1610.1	1474.4	1312.8	1090.2	904.2	737.2	591.9	454.8	335.3	237.6	168.3
50°	1816.5	1645.4	1428.2	1185.2	976.1	798.3	640.8	488.7	354.3	253.9	176.5
47.5°	2031.0	1846.3	1531.4	1273.4	1049.4	858.0	691.0	518.6	373.3	267.4	184.6
45°	2255.0	1986.2	1638.6	1352.2	1113.2	912.3	729.0	545.8	396.4	279.7	191.4
42.5°	2476.3	2092.1	1732.3	1430.9	1173.0	961.2	760.3	571.6	415.4	291.9	198.2
40°	2580.8	2172.2	1807.0	1485.2	1223.2	1004.6	787.4	594.6	431.7	300.0	205.0
37.5°	2624.3	2221.0	1855.8	1536.8	1262.6	1027.7	810.5	615.0	445.3	308.2	210.4
35°	2633.8	2238.7	1880.3	1572.1	1295.2	1049.4	828.1	629.9	456.2	316.3	215.9
32.5°	2616.1	2233.3	1887.1	1584.3	1315.5	1065.7	840.4	640.8	464.3	324.5	221.3
30°	2576.7	2204.8	1862.6	1583.0	1330.5	1075.2	848.5	648.9	472.4	329.9	224.0
27.5°	2512.9	2154.5	1831.4	1584.3	1338.6	1079.3	852.6	653.0	477.9	334.0	229.4
25°	2434.2	2086.6	1832.8	1581.6	1340.0	1080.7	852.6	653.0	479.2	335.3	233.5
22.5°	2343.2	2086.6	1832.8	1577.5	1331.8	1077.9	848.5	650.3	479.2	338.0	237.6
20°	2348.7	2088.0	1828.7	1569.4	1319.6	1069.8	839.0	643.5	475.2	342.1	240.3
17.5°	2352.7	2085.3	1820.5	1558.5	1303.3	1056.2	826.8	634.0	475.2	346.2	241.7
15°	2352.7	2077.1	1808.3	1542.2	1282.9	1037.2	809.1	625.9	476.5	347.5	244.4
12.5°	2348.7	2062.2	1789.3	1520.5	1258.5	1014.1	798.3	623.1	476.5	348.9	244.4
10°	2340.5	2041.8	1764.9	1493.4	1235.4	1006.0	792.8	617.7	473.8	348.9	244.4
7.5°	2325.6	2017.4	1744.5	1477.1	1221.8	996.5	784.7	609.6	469.7	346.2	247.1
5°	2302.5	2003.8	1728.2	1458.1	1202.8	989.7	779.3	602.8	467.0	346.2	244.4
2.5°	2272.6	1987.5	1709.2	1433.6	1181.1	966.6	761.6	587.8	457.5	340.8	241.7
0°	2223.8	1955.0	1676.6	1399.7	1151.2	943.5	744.0	572.9	448.0	335.3	238.9
-2.5°	2179.0	1911.5	1634.6	1364.4	1122.7	923.2	730.4	564.8	443.9	334.0	237.6
-5°	2116.5	1851.8	1578.9	1318.2	1084.7	902.8	716.8	555.3	439.9	331.3	237.6
-7.5°	2047.3	1789.3	1520.5	1270.7	1046.7	867.5	691.0	540.3	430.4	325.8	236.2
-10°	1940.0	1695.6	1447.2	1216.4	1006.0	836.3	669.3	526.8	422.2	320.4	230.8
-12.5°	1826.0	1592.5	1363.0	1149.9	959.8	803.7	644.9	511.8	412.7	315.0	228.1
-15°	1705.2	1486.6	1274.8	1080.7	909.6	764.3	619.1	495.5	403.2	308.2	224.0
-17.5°	1578.9	1375.3	1183.8	1010.1	859.4	723.6	591.9	480.6	392.3	301.4	219.9
-20°	1445.8	1261.2	1091.5	938.1	806.4	682.9	563.4	462.9	380.1	293.2	214.5



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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°	1314.2	1148.5	996.5	867.5	752.1	640.8	534.9	445.3	366.6	283.7	210.4
-25°	1197.4	1042.6	912.3	799.6	699.2	600.1	505.0	427.6	351.6	274.2	205.0
-27.5°	1083.4	951.7	829.5	735.8	647.6	560.7	476.5	408.6	336.7	263.4	199.6
-30°	977.5	864.8	764.3	673.4	598.7	525.4	452.1	389.6	320.4	252.5	192.8
-32.5°	881.1	790.1	706.0	619.1	552.5	490.1	429.0	370.6	304.1	241.7	186.0
-35°	791.5	720.9	647.6	574.3	506.4	457.5	404.6	350.3	289.2	229.4	179.2
-37.5°	711.4	654.4	596.0	533.5	475.2	426.3	381.5	329.9	274.2	218.6	172.4
-40°	642.1	596.0	544.4	494.2	445.3	399.1	358.4	309.5	259.3	210.4	165.6
-42.5°	578.3	543.0	501.0	458.9	415.4	374.7	335.3	287.8	244.4	200.9	158.8
-45°	529.5	494.2	460.2	422.2	385.6	350.3	310.9	268.8	230.8	190.1	152.1
-47.5°	483.3	452.1	420.9	389.6	359.8	327.2	287.8	252.5	215.9	180.6	146.6
-50°	442.6	412.7	385.6	358.4	332.6	301.4	264.7	236.2	203.6	171.1	139.8
-52.5°	404.6	378.8	351.6	329.9	308.2	277.0	247.1	219.9	191.4	160.2	133.0
-55°	370.6	346.2	321.8	301.4	281.0	253.9	229.4	206.4	179.2	152.1	126.3
-57.5°	338.0	317.7	294.6	275.6	255.2	233.5	213.1	191.4	167.0	143.9	119.5
-60°	308.2	289.2	268.8	249.8	232.2	214.5	195.5	177.8	156.1	134.4	112.7
-62.5°	278.3	262.0	244.4	225.4	211.8	195.5	180.6	162.9	145.3	126.3	100.5
-65°	251.2	236.2	219.9	203.6	191.4	179.2	165.6	149.3	134.4	116.8	89.6
-67.5°	224.0	210.4	196.9	183.3	172.4	162.9	149.3	137.1	124.9	105.9	78.7
-70°	198.2	187.3	175.1	164.3	156.1	145.3	135.8	124.9	114.0	92.3	66.5
-72.5°	173.8	162.9	153.4	145.3	138.5	129.0	120.8	112.7	97.7	77.4	55.7
-75°	145.3	138.5	133.0	126.3	119.5	112.7	105.9	96.4	81.5	62.4	43.4
-77.5°	119.5	115.4	111.3	105.9	100.5	95.0	86.9	77.4	65.2	48.9	35.3
-80°	97.7	93.7	91.0	85.5	81.5	76.0	67.9	59.7	47.5	38.0	28.5
-82.5°	74.7	72.0	69.2	66.5	62.4	57.0	48.9	42.1	35.3	28.5	21.7
-85°	52.9	51.6	48.9	46.2	42.1	38.0	32.6	28.5	24.4	19.0	14.9
-87.5°	27.2	25.8	24.4	23.1	21.7	19.0	16.3	13.6	12.2	9.5	6.8
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.4	4.1	1.4	0.0
85°	10.9	6.8	2.7	0.0
82.5°	16.3	10.9	4.1	0.0
80°	21.7	13.6	6.8	0.0
77.5°	27.2	16.3	8.1	0.0
75°	32.6	20.4	9.5	0.0
72.5°	36.7	23.1	10.9	0.0
70°	43.4	27.2	12.2	0.0
67.5°	54.3	29.9	13.6	0.0
65°	63.8	32.6	14.9	0.0
62.5°	74.7	35.3	16.3	0.0
60°	84.2	38.0	17.6	0.0
57.5°	93.7	44.8	19.0	0.0
55°	101.8	50.2	20.4	0.0
52.5°	111.3	55.7	21.7	0.0
50°	119.5	61.1	23.1	0.0
47.5°	126.3	66.5	23.1	0.0
45°	131.7	70.6	24.4	0.0
42.5°	135.8	74.7	25.8	0.0
40°	139.8	78.7	27.2	0.0
37.5°	143.9	82.8	27.2	0.0
35°	148.0	86.9	28.5	0.0
32.5°	152.1	91.0	28.5	0.0
30°	154.8	93.7	29.9	0.0
27.5°	158.8	96.4	29.9	0.0
25°	160.2	99.1	31.2	0.0
22.5°	162.9	100.5	31.2	0.0
20°	165.6	103.2	31.2	0.0
17.5°	167.0	104.5	32.6	0.0
15°	167.0	105.9	33.9	0.0
12.5°	168.3	107.3	33.9	0.0
10°	168.3	110.0	32.6	0.0
7.5°	171.1	108.6	32.6	0.0
5°	169.7	108.6	32.6	0.0
2.5°	168.3	107.3	32.6	0.0
0°	167.0	107.3	32.6	0.0
-2.5°	167.0	107.3	32.6	0.0
-5°	167.0	107.3	32.6	0.0
-7.5°	165.6	108.6	32.6	0.0
-10°	162.9	108.6	32.6	0.0
-12.5°	161.6	104.5	32.6	0.0
-15°	160.2	103.2	32.6	0.0
-17.5°	157.5	101.8	31.2	0.0
-20°	154.8	100.5	31.2	0.0



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CATALOG NUMBER: IFLD-S-SA3B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	152.1	97.7	31.2	0.0
-25°	149.3	95.0	29.9	0.0
-27.5°	146.6	92.3	29.9	0.0
-30°	142.5	89.6	28.5	0.0
-32.5°	138.5	86.9	28.5	0.0
-35°	135.8	82.8	27.2	0.0
-37.5°	131.7	78.7	27.2	0.0
-40°	127.6	74.7	25.8	0.0
-42.5°	123.5	70.6	24.4	0.0
-45°	118.1	66.5	24.4	0.0
-47.5°	114.0	62.4	23.1	0.0
-50°	107.3	57.0	21.7	0.0
-52.5°	99.1	51.6	20.4	0.0
-55°	91.0	47.5	19.0	0.0
-57.5°	82.8	42.1	19.0	0.0
-60°	74.7	36.7	17.6	0.0
-62.5°	66.5	33.9	16.3	0.0
-65°	58.4	31.2	14.9	0.0
-67.5°	48.9	27.2	13.6	0.0
-70°	40.7	24.4	12.2	0.0
-72.5°	35.3	21.7	10.9	0.0
-75°	29.9	19.0	9.5	0.0
-77.5°	25.8	16.3	8.1	0.0
-80°	20.4	12.2	5.4	0.0
-82.5°	14.9	9.5	4.1	0.0
-85°	9.5	6.8	2.7	0.0
-87.5°	5.4	2.7	1.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)