

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: P722313

Luminaire Tested: **IFLD-S-SA3B-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722313
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

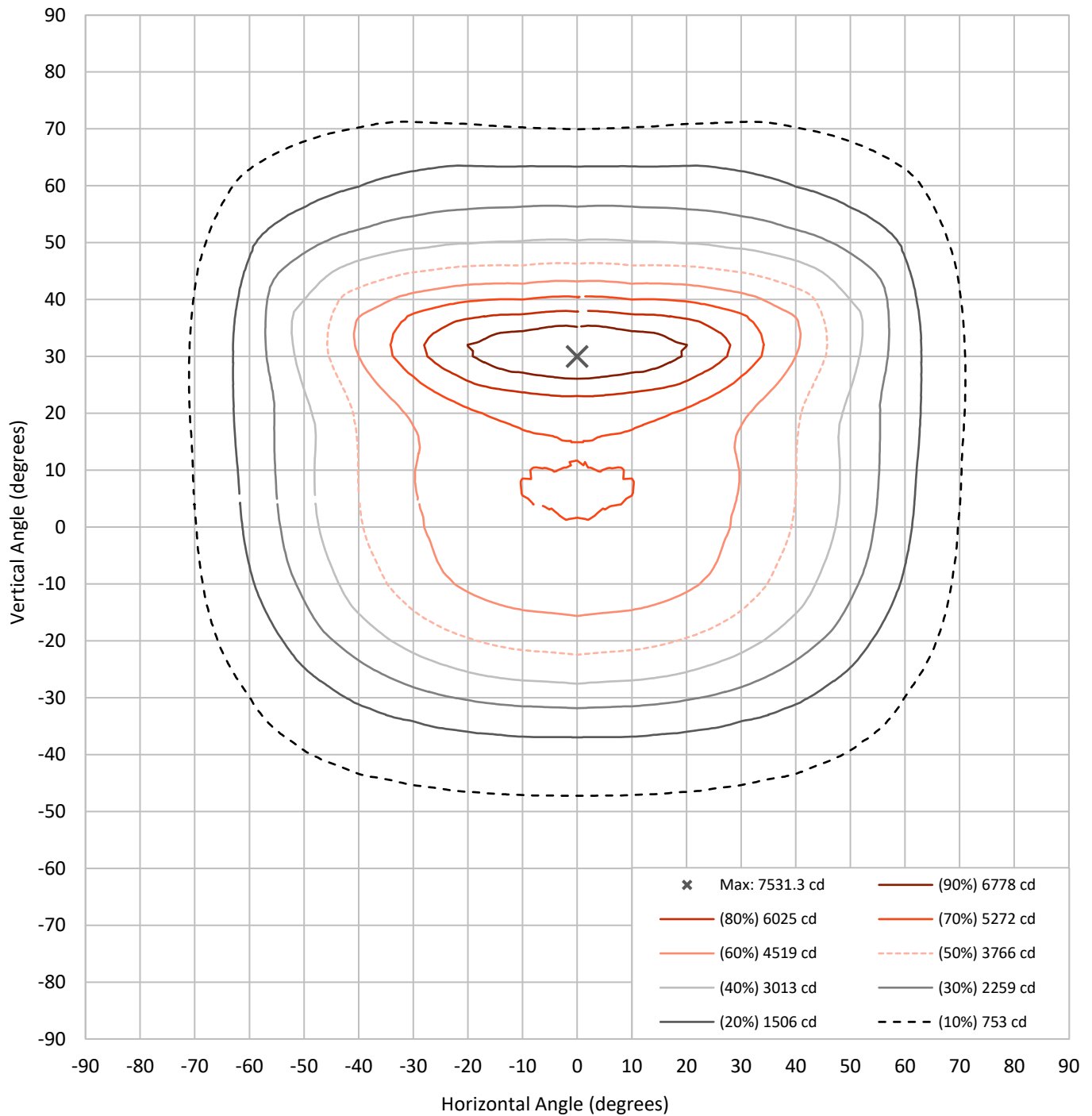
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12571.7 lumens	Max Intensity:	7531.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7310.6 lumens	Field Lumens:	11781.3 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



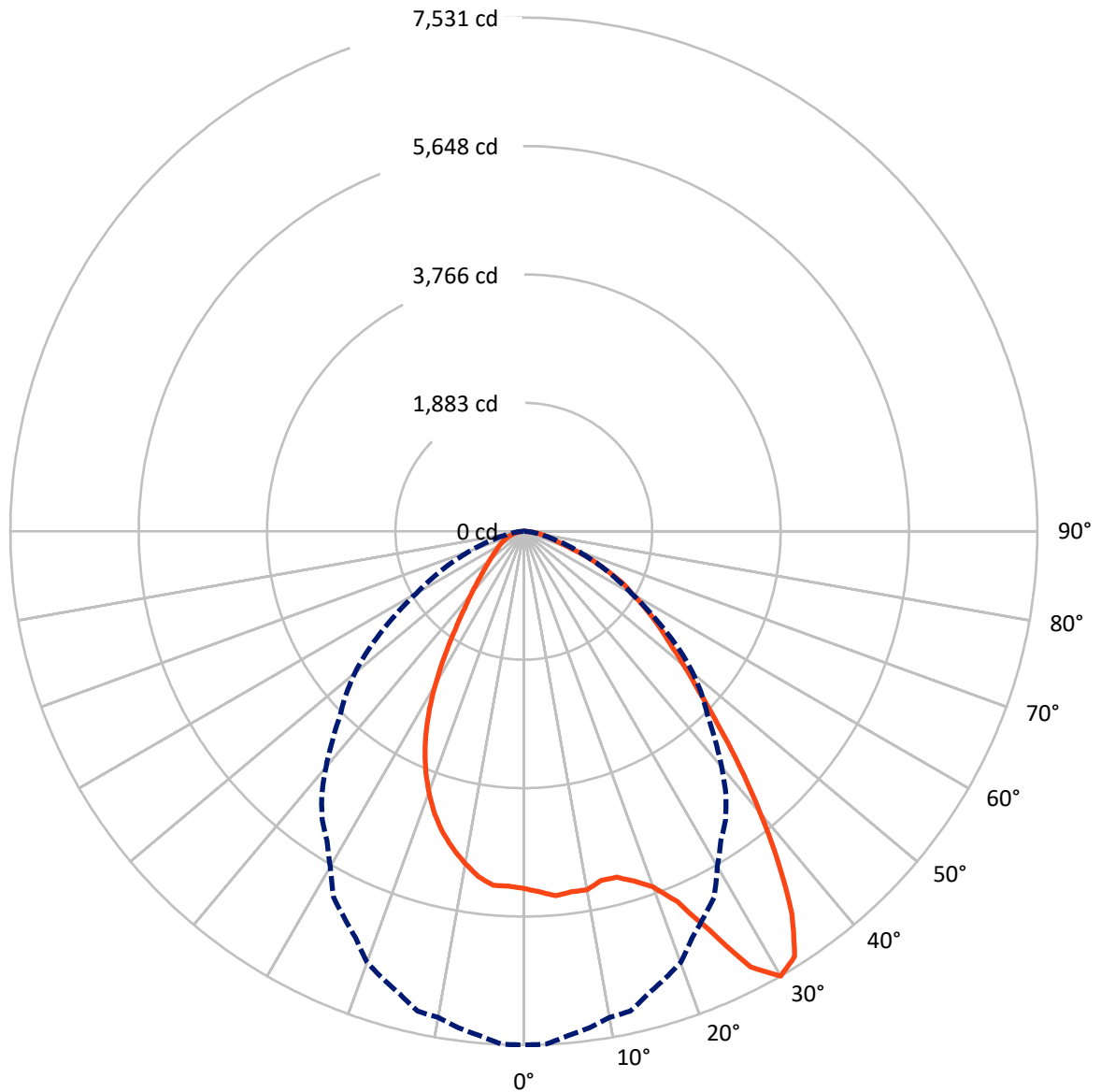
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Iso-Candela Plot



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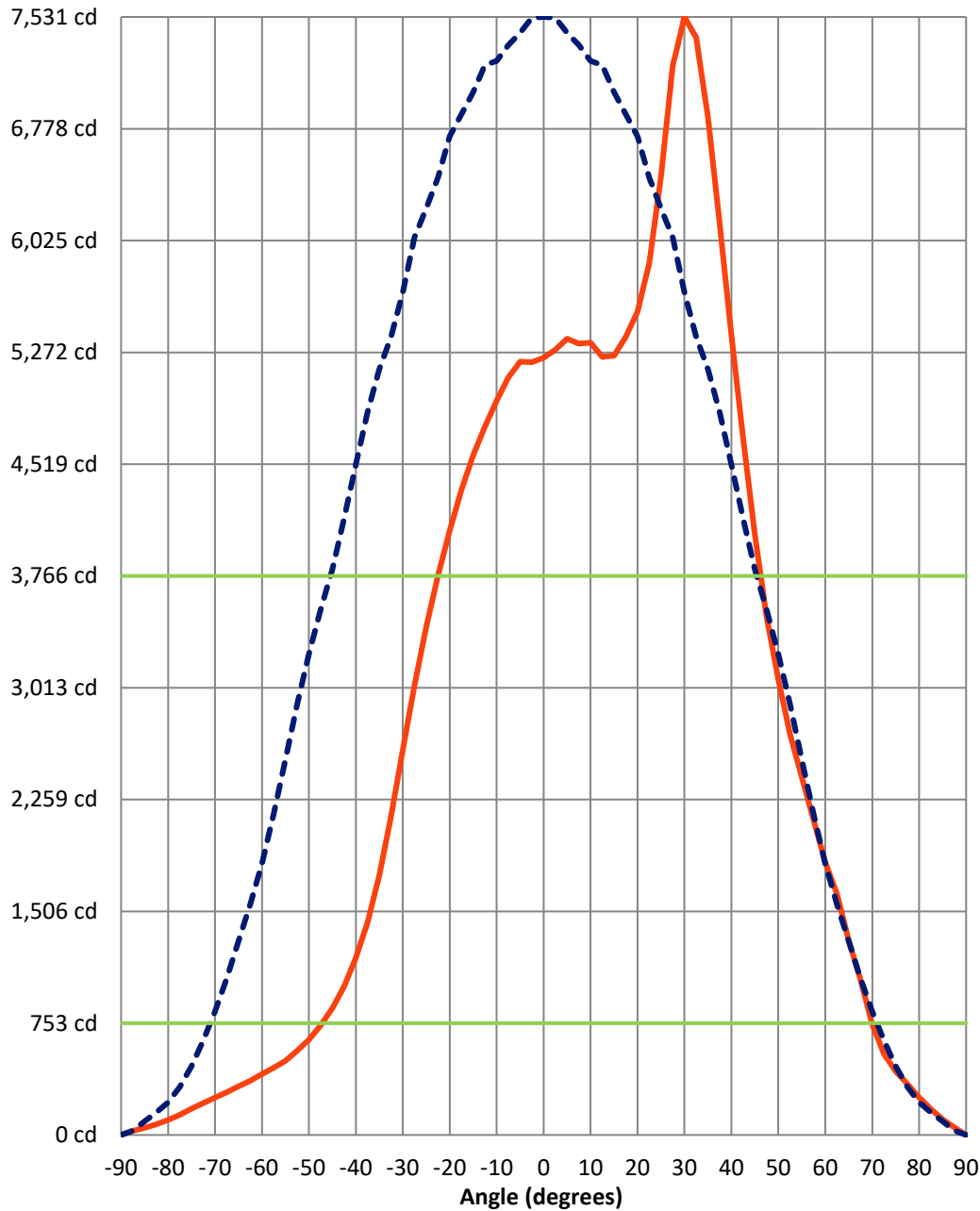
Luminous Intensity Polar Plot



— 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: 7310.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 11781.3
 Efficiency: 93.7%

Spill:
 Lumens: 790.4
 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°	50.6	51.9	53.3	53.3	51.9	51.9	51.9	50.6	51.9	51.9	51.9
85°	105.2	107.9	110.5	109.2	107.9	105.2	102.5	103.9	105.2	106.5	106.5
82.5°	174.5	178.5	181.1	179.8	177.1	174.5	171.8	173.1	175.8	177.1	177.1
80°	253.0	254.4	255.7	258.4	254.4	254.4	253.0	258.4	261.0	263.7	266.4
77.5°	343.6	344.9	344.9	346.3	347.6	348.9	348.9	358.3	364.9	368.9	372.9
75°	428.8	432.8	436.8	440.8	446.2	448.8	452.8	466.1	476.8	484.8	492.8
72.5°	546.0	551.4	558.0	567.3	576.7	583.3	592.7	608.6	620.6	628.6	637.9
70°	747.1	752.5	759.1	765.8	775.1	781.8	791.1	811.1	823.1	828.4	833.7
67.5°	1045.5	1058.8	1070.8	1057.5	1050.8	1041.5	1044.1	1062.8	1074.8	1082.8	1081.4
65°	1310.5	1319.8	1319.8	1318.5	1313.2	1301.2	1307.8	1330.5	1343.8	1350.4	1330.5
62.5°	1622.1	1622.1	1615.5	1626.1	1627.5	1619.5	1615.5	1616.8	1618.1	1622.1	1588.8
60°	1837.9	1851.2	1855.2	1864.5	1867.2	1867.2	1873.8	1879.2	1879.2	1871.2	1832.6
57.5°	2122.9	2148.2	2153.5	2146.9	2133.5	2116.2	2113.6	2105.6	2089.6	2073.6	2055.0
55°	2410.6	2423.9	2422.5	2418.6	2405.2	2385.3	2387.9	2377.3	2352.0	2332.0	2306.7
52.5°	2699.6	2731.5	2736.9	2728.9	2710.2	2688.9	2690.2	2678.3	2653.0	2631.6	2597.0
50°	3068.5	3095.1	3092.4	3079.1	3052.5	3036.5	3037.8	3015.2	2985.9	2979.2	2934.0
47.5°	3490.7	3521.3	3516.0	3497.3	3461.4	3454.7	3461.4	3432.1	3414.7	3400.1	3346.8
45°	4044.7	4080.6	4060.7	4024.7	3967.4	3974.1	3983.4	3978.1	3940.8	3902.2	3834.3
42.5°	4694.6	4717.2	4693.3	4657.3	4585.4	4598.7	4593.4	4561.4	4538.8	4474.9	4388.3
40°	5389.8	5439.1	5401.8	5345.9	5271.3	5291.3	5276.6	5235.3	5182.0	5102.1	4992.9
37.5°	6139.6	6178.2	6135.6	6070.4	6003.8	5997.1	5967.8	5903.9	5828.0	5740.1	5565.6
35°	6857.4	6957.3	6878.8	6774.9	6693.6	6663.0	6635.0	6487.2	6400.6	6258.1	6019.7
32.5°	7391.5	7464.8	7367.5	7259.7	7161.1	7118.5	7019.9	6844.1	6797.5	6497.9	6279.4
30°	7531.3	7526.0	7424.8	7342.2	7235.7	7206.4	7025.3	6876.1	6726.9	6449.9	6242.2
27.5°	7198.4	7165.1	7067.9	6996.0	6890.7	6856.1	6677.7	6597.7	6367.3	6132.9	5957.2
25°	6456.6	6473.9	6400.6	6364.7	6295.4	6220.8	6150.3	6042.4	5898.6	5693.5	5532.3
22.5°	5871.9	5894.6	5863.9	5821.3	5768.0	5726.7	5673.5	5589.6	5451.1	5324.5	5172.7
20°	5547.0	5540.3	5513.7	5481.7	5431.1	5401.8	5343.2	5272.6	5166.1	5056.9	4893.0
17.5°	5376.5	5335.2	5309.9	5297.9	5271.3	5234.0	5164.7	5092.8	5010.2	4886.4	4766.5
15°	5250.0	5256.6	5236.6	5227.3	5206.0	5154.1	5083.5	5024.9	4913.0	4850.4	4741.2
12.5°	5242.0	5235.3	5236.6	5232.7	5206.0	5139.4	5103.5	5028.9	4957.0	4874.4	4749.2
10°	5336.5	5265.9	5271.3	5289.9	5247.3	5194.0	5155.4	5074.2	5006.2	4901.0	4777.2
7.5°	5331.2	5295.2	5305.9	5275.3	5288.6	5223.3	5170.1	5088.8	5003.6	4891.7	4779.8
5°	5363.2	5308.6	5299.2	5301.9	5268.6	5219.3	5147.4	5070.2	4990.3	4865.1	4750.5
2.5°	5289.9	5297.9	5255.3	5239.3	5235.3	5152.7	5086.2	5011.6	4929.0	4818.5	4715.9
0°	5235.3	5250.0	5206.0	5183.4	5182.0	5111.5	5068.8	4983.6	4925.0	4833.1	4709.3
-2.5°	5206.0	5223.3	5228.7	5187.4	5147.4	5092.8	5020.9	4929.0	4833.1	4726.6	4620.0
-5°	5208.7	5174.1	5159.4	5172.7	5138.1	5083.5	5003.6	4922.3	4827.8	4713.2	4580.1
-7.5°	5103.5	5068.8	5066.2	5059.5	5051.5	4999.6	4933.0	4845.1	4749.2	4642.7	4518.8
-10°	4946.3	4921.0	4914.4	4907.7	4886.4	4855.8	4793.2	4713.2	4626.7	4520.1	4388.3
-12.5°	4771.8	4759.9	4734.6	4717.2	4695.9	4660.0	4600.0	4526.8	4440.2	4345.7	4232.5
-15°	4578.7	4556.1	4530.8	4516.1	4485.5	4442.9	4383.0	4315.0	4220.5	4127.3	4020.7
-17.5°	4345.7	4317.7	4289.7	4285.7	4264.4	4199.2	4143.2	4060.7	3978.1	3888.9	3785.0
-20°	4071.3	4032.7	4014.1	4003.4	3974.1	3926.2	3866.2	3790.3	3710.4	3625.2	3505.3



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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°	3767.7	3734.4	3702.4	3682.4	3657.1	3619.8	3562.6	3496.0	3417.4	3321.5	3211.0
-25°	3422.7	3376.1	3356.1	3333.5	3320.2	3285.6	3229.6	3168.4	3087.1	2993.9	2888.7
-27.5°	3028.5	2991.2	2980.6	2948.6	2932.6	2896.7	2850.1	2792.8	2718.2	2630.3	2543.7
-30°	2593.0	2570.4	2553.1	2521.1	2509.1	2470.5	2439.9	2391.9	2324.0	2261.4	2192.1
-32.5°	2145.5	2122.9	2117.6	2102.9	2094.9	2069.6	2035.0	2000.4	1945.8	1899.2	1843.2
-35°	1748.7	1732.7	1734.0	1732.7	1724.7	1706.0	1663.4	1654.1	1614.1	1571.5	1535.6
-37.5°	1431.7	1433.0	1431.7	1430.4	1419.7	1411.7	1381.1	1369.1	1345.1	1303.8	1282.5
-40°	1193.3	1196.0	1194.6	1192.0	1180.0	1176.0	1156.0	1140.0	1130.7	1101.4	1078.8
-42.5°	1000.2	1004.2	1002.8	1001.5	993.5	992.2	981.5	962.9	957.6	940.3	916.3
-45°	853.7	852.4	849.7	852.4	848.4	844.4	837.7	825.7	819.1	811.1	791.1
-47.5°	737.8	739.2	736.5	736.5	731.2	727.2	724.5	716.5	711.2	704.5	692.5
-50°	641.9	647.3	645.9	644.6	640.6	637.9	637.9	629.9	622.0	619.3	611.3
-52.5°	567.3	571.3	572.7	575.3	576.7	578.0	574.0	566.0	552.7	551.4	547.4
-55°	499.4	511.4	519.4	524.7	530.1	534.1	526.1	515.4	502.1	496.8	495.4
-57.5°	452.8	464.8	474.1	482.1	488.8	495.4	487.4	476.8	464.8	458.1	456.8
-60°	410.2	420.8	430.2	440.8	450.1	460.8	456.8	448.8	442.2	436.8	431.5
-62.5°	364.9	375.6	386.2	399.5	411.5	422.2	423.5	422.2	420.8	422.2	412.9
-65°	327.6	333.0	339.6	354.3	367.6	379.6	386.2	390.2	396.9	403.5	394.2
-67.5°	287.7	294.3	302.3	313.0	323.6	331.6	340.9	351.6	362.3	372.9	366.2
-70°	251.7	257.0	263.7	269.0	275.7	281.0	289.0	301.0	313.0	323.6	321.0
-72.5°	214.4	219.7	223.7	226.4	230.4	233.1	237.1	247.7	255.7	261.0	261.0
-75°	177.1	182.5	186.5	187.8	190.4	191.8	194.4	198.4	202.4	203.8	205.1
-77.5°	135.8	141.2	145.2	147.8	150.5	153.2	154.5	157.2	158.5	158.5	159.8
-80°	101.2	105.2	107.9	111.9	113.2	115.9	118.5	119.9	121.2	121.2	122.5
-82.5°	71.9	74.6	77.2	79.9	82.6	83.9	86.6	87.9	89.2	90.6	91.9
-85°	47.9	50.6	53.3	55.9	57.3	58.6	59.9	61.3	62.6	63.9	65.3
-87.5°	28.0	29.3	30.6	33.3	34.6	37.3	38.6	37.3	38.6	38.6	38.6
-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°	51.9	51.9	51.9	51.9	50.6	47.9	46.6	43.9	41.3	38.6	36.0
85°	107.9	109.2	109.2	109.2	106.5	105.2	101.2	97.2	91.9	83.9	77.2
82.5°	179.8	181.1	181.1	179.8	177.1	173.1	167.8	161.1	150.5	139.8	130.5
80°	270.4	271.7	271.7	270.4	263.7	257.0	250.4	242.4	229.1	214.4	198.4
77.5°	378.2	380.9	380.9	376.9	367.6	359.6	348.9	335.6	315.6	294.3	273.0
75°	503.4	510.1	511.4	507.4	495.4	480.8	463.5	440.8	410.2	383.6	358.3
72.5°	648.6	655.2	660.6	655.2	637.9	618.0	592.7	566.0	535.4	499.4	456.8
70°	839.0	845.7	849.7	832.4	801.7	768.4	737.8	707.2	671.2	627.3	580.7
67.5°	1078.8	1072.1	1064.1	1029.5	990.9	950.9	908.3	863.0	816.4	769.8	715.2
65°	1309.2	1290.5	1273.2	1231.9	1182.6	1130.7	1081.4	1030.8	974.9	916.3	864.3
62.5°	1551.5	1511.6	1469.0	1418.4	1367.8	1310.5	1261.2	1201.3	1138.7	1066.8	1000.2
60°	1789.9	1742.0	1699.4	1636.8	1570.2	1493.0	1439.7	1381.1	1307.8	1230.6	1152.0
57.5°	2020.3	1968.4	1921.8	1867.2	1795.3	1711.4	1652.8	1576.9	1499.6	1402.4	1322.5
55°	2265.4	2213.5	2176.2	2114.9	2036.3	1959.1	1895.2	1815.2	1707.4	1603.5	1504.9
52.5°	2546.4	2505.1	2465.2	2402.6	2308.0	2229.4	2158.9	2069.6	1956.4	1828.6	1710.0
50°	2860.7	2839.4	2796.8	2723.5	2615.7	2546.4	2453.2	2334.6	2213.5	2078.9	1931.1
47.5°	3277.6	3242.9	3183.0	3103.1	3012.5	2908.7	2783.5	2645.0	2473.2	2324.0	2166.8
45°	3775.7	3711.7	3634.5	3526.6	3414.7	3297.5	3160.4	2984.6	2754.2	2559.7	2394.6
42.5°	4315.0	4228.5	4123.3	3982.1	3836.9	3693.1	3545.3	3305.5	3017.9	2794.1	2607.7
40°	4878.4	4767.9	4636.0	4430.9	4269.8	4084.6	3915.5	3557.2	3250.9	3008.5	2810.1
37.5°	5429.8	5289.9	5068.8	4819.8	4632.0	4480.2	4108.6	3725.1	3450.7	3184.3	2983.2
35°	5851.9	5733.4	5343.2	5084.8	4923.7	4683.9	4219.1	3826.3	3535.9	3314.9	3001.9
32.5°	6102.3	5796.0	5453.7	5192.7	5059.5	4666.6	4227.1	3855.6	3575.9	3328.2	2953.9
30°	6046.4	5676.1	5376.5	5158.1	4869.1	4516.1	4152.6	3810.3	3538.6	3238.9	2900.7
27.5°	5709.4	5423.1	5155.4	4927.7	4644.0	4327.0	3991.4	3690.4	3437.4	3147.0	2827.4
25°	5328.5	5068.8	4870.4	4672.0	4402.9	4100.6	3805.0	3587.9	3333.5	3047.2	2731.5
22.5°	4978.3	4791.8	4636.0	4428.2	4165.9	3902.2	3718.4	3493.3	3232.3	2942.0	2633.0
20°	4754.5	4628.0	4449.6	4220.5	4014.1	3848.9	3645.1	3406.8	3137.7	2834.1	2549.1
17.5°	4646.7	4500.2	4301.7	4152.6	3994.1	3812.9	3585.2	3332.2	3045.8	2784.8	2558.4
15°	4590.7	4436.2	4305.7	4159.2	3980.8	3790.3	3537.3	3274.9	3045.8	2804.8	2565.1
12.5°	4602.7	4469.5	4327.0	4167.2	3975.4	3771.7	3542.6	3298.9	3061.8	2819.4	2566.4
10°	4640.0	4500.2	4348.3	4171.2	3978.1	3777.0	3557.2	3313.5	3069.8	2826.1	2563.7
7.5°	4653.3	4501.5	4339.0	4160.6	3971.4	3774.3	3559.9	3317.5	3071.1	2824.8	2555.7
5°	4612.0	4474.9	4317.7	4137.9	3952.8	3761.0	3549.3	3312.2	3060.5	2811.4	2535.8
2.5°	4556.1	4445.6	4295.1	4121.9	3934.1	3742.4	3531.9	3288.2	3036.5	2787.5	2510.4
0°	4546.8	4409.6	4257.8	4103.3	3903.5	3701.1	3492.0	3242.9	2992.6	2742.2	2466.5
-2.5°	4485.5	4340.3	4188.5	4020.7	3844.9	3641.1	3421.4	3177.7	2930.0	2683.6	2418.6
-5°	4438.9	4277.7	4116.6	3935.5	3758.3	3554.6	3326.8	3089.8	2847.4	2607.7	2352.0
-7.5°	4376.3	4211.2	4042.0	3852.9	3661.1	3453.4	3228.3	2991.2	2752.8	2514.4	2269.4
-10°	4249.8	4104.6	3946.1	3750.4	3547.9	3340.2	3116.4	2883.4	2645.0	2403.9	2157.5
-12.5°	4096.6	3943.5	3770.3	3590.5	3409.4	3216.3	2992.6	2763.5	2523.8	2281.4	2036.3
-15°	3898.2	3747.7	3570.6	3394.8	3220.3	3035.2	2838.1	2631.6	2387.9	2149.5	1904.5
-17.5°	3650.5	3509.3	3350.8	3183.0	3009.9	2823.4	2631.6	2457.2	2229.4	2005.7	1763.3
-20°	3384.1	3252.3	3109.8	2951.3	2778.1	2595.7	2414.6	2232.1	2035.0	1837.9	1612.8



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3107.1	2973.9	2830.1	2682.2	2522.4	2353.3	2185.5	2011.0	1837.9	1659.4	1469.0
-25°	2787.5	2670.3	2538.4	2394.6	2252.1	2104.2	1944.4	1785.9	1638.1	1483.6	1327.8
-27.5°	2453.2	2345.3	2225.4	2100.3	1977.7	1853.9	1715.4	1568.9	1446.3	1318.5	1189.3
-30°	2101.6	2015.0	1917.8	1808.6	1714.0	1614.1	1498.3	1377.1	1265.2	1168.0	1064.1
-32.5°	1768.6	1695.4	1626.1	1554.2	1461.0	1383.7	1303.8	1214.6	1116.1	1024.2	949.6
-35°	1482.3	1403.7	1374.4	1321.1	1254.6	1186.6	1128.0	1064.1	989.5	908.3	847.0
-37.5°	1241.2	1194.6	1153.3	1124.0	1080.1	1025.5	978.9	932.3	875.0	813.7	752.5
-40°	1053.5	1021.5	976.2	961.6	933.6	896.3	848.4	812.4	773.8	727.2	675.2
-42.5°	903.0	879.0	849.7	824.4	812.4	785.8	748.5	713.8	683.2	651.3	611.3
-45°	779.1	763.1	744.5	721.8	712.5	691.2	664.6	625.9	608.6	582.0	552.7
-47.5°	679.2	671.2	657.9	643.3	629.9	614.0	590.0	566.0	542.0	524.7	502.1
-50°	600.6	595.3	587.3	575.3	558.0	547.4	531.4	510.1	487.4	472.8	456.8
-52.5°	538.0	532.7	527.4	518.1	504.8	494.1	480.8	463.5	444.8	430.2	416.9
-55°	490.1	482.1	478.1	470.1	459.5	447.5	435.5	423.5	407.5	394.2	380.9
-57.5°	452.8	442.2	436.8	430.2	419.5	407.5	398.2	386.2	375.6	360.9	348.9
-60°	423.5	411.5	400.9	394.2	384.9	372.9	363.6	354.3	343.6	331.6	317.0
-62.5°	399.5	384.9	370.2	362.3	352.9	342.3	333.0	323.6	313.0	301.0	287.7
-65°	376.9	359.6	340.9	333.0	323.6	313.0	301.0	294.3	285.0	274.4	261.0
-67.5°	348.9	330.3	314.3	305.0	295.7	286.3	275.7	269.0	259.7	246.4	233.1
-70°	307.6	295.7	285.0	277.0	269.0	261.0	250.4	239.7	229.1	217.1	205.1
-72.5°	255.7	251.7	250.4	246.4	237.1	227.7	217.1	206.4	197.1	187.8	178.5
-75°	206.4	209.1	211.8	210.4	201.1	191.8	182.5	173.1	166.5	158.5	150.5
-77.5°	163.8	166.5	169.1	169.1	162.5	157.2	150.5	143.8	138.5	131.8	123.9
-80°	126.5	130.5	134.5	137.2	131.8	127.9	122.5	117.2	111.9	106.5	101.2
-82.5°	95.9	99.9	103.9	106.5	102.5	99.9	95.9	91.9	87.9	82.6	78.6
-85°	69.3	71.9	74.6	75.9	73.2	70.6	67.9	65.3	62.6	58.6	55.9
-87.5°	40.0	41.3	42.6	43.9	41.3	38.6	37.3	34.6	33.3	30.6	29.3
-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):

	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°	33.3	30.6	28.0	26.6	24.0	20.0	17.3	14.6	12.0	9.3	8.0
85°	70.6	63.9	55.9	51.9	46.6	41.3	36.0	30.6	25.3	20.0	14.6
82.5°	121.2	113.2	105.2	95.9	83.9	69.3	54.6	45.3	37.3	29.3	22.6
80°	182.5	167.8	154.5	142.5	129.2	110.5	90.6	71.9	50.6	38.6	29.3
77.5°	253.0	235.7	217.1	197.1	175.8	150.5	127.9	103.9	78.6	53.3	37.3
75°	333.0	310.3	285.0	257.0	229.1	195.8	163.8	135.8	106.5	74.6	45.3
72.5°	422.2	394.2	363.6	326.3	282.3	243.7	205.1	167.8	133.2	94.6	61.3
70°	536.7	492.8	447.5	407.5	351.6	290.3	245.1	202.4	158.5	115.9	77.2
67.5°	659.2	606.0	551.4	492.8	422.2	350.3	285.0	237.1	185.1	135.8	91.9
65°	792.4	725.8	656.6	591.3	494.1	408.9	335.6	270.4	210.4	154.5	106.5
62.5°	929.6	851.0	771.1	685.9	574.0	468.8	383.6	307.6	234.4	171.8	119.9
60°	1076.1	984.2	887.0	780.4	649.9	534.1	428.8	346.3	259.7	189.1	134.5
57.5°	1230.6	1130.7	1016.2	872.3	728.5	596.6	480.8	380.9	282.3	205.1	145.2
55°	1398.4	1283.9	1158.7	968.2	805.7	659.2	532.7	415.5	306.3	218.4	155.8
52.5°	1579.5	1446.3	1287.9	1069.4	887.0	723.2	580.7	446.2	329.0	233.1	165.1
50°	1782.0	1614.1	1401.1	1162.7	957.6	783.1	628.6	479.4	347.6	249.0	173.1
47.5°	1992.4	1811.3	1502.3	1249.2	1029.5	841.7	677.9	508.7	366.2	262.4	181.1
45°	2212.1	1948.4	1607.5	1326.5	1092.1	895.0	715.2	535.4	388.9	274.4	187.8
42.5°	2429.2	2052.3	1699.4	1403.7	1150.7	942.9	745.8	560.7	407.5	286.3	194.4
40°	2531.8	2130.9	1772.6	1457.0	1200.0	985.5	772.4	583.3	423.5	294.3	201.1
37.5°	2574.4	2178.8	1820.6	1507.6	1238.6	1008.2	795.1	603.3	436.8	302.3	206.4
35°	2583.7	2196.1	1844.5	1542.2	1270.5	1029.5	812.4	618.0	447.5	310.3	211.8
32.5°	2566.4	2190.8	1851.2	1554.2	1290.5	1045.5	824.4	628.6	455.5	318.3	217.1
30°	2527.8	2162.8	1827.2	1552.9	1305.2	1054.8	832.4	636.6	463.5	323.6	219.7
27.5°	2465.2	2113.6	1796.6	1554.2	1313.2	1058.8	836.4	640.6	468.8	327.6	225.1
25°	2387.9	2047.0	1797.9	1551.5	1314.5	1060.1	836.4	640.6	470.1	329.0	229.1
22.5°	2298.7	2047.0	1797.9	1547.6	1306.5	1057.5	832.4	637.9	470.1	331.6	233.1
20°	2304.0	2048.3	1793.9	1539.6	1294.5	1049.5	823.1	631.3	466.1	335.6	235.7
17.5°	2308.0	2045.6	1785.9	1528.9	1278.5	1036.1	811.1	622.0	466.1	339.6	237.1
15°	2308.0	2037.7	1774.0	1512.9	1258.6	1017.5	793.8	614.0	467.5	340.9	239.7
12.5°	2304.0	2023.0	1755.3	1491.6	1234.6	994.9	783.1	611.3	467.5	342.3	239.7
10°	2296.0	2003.0	1731.3	1465.0	1211.9	986.9	777.8	606.0	464.8	342.3	239.7
7.5°	2281.4	1979.1	1711.4	1449.0	1198.6	977.5	769.8	598.0	460.8	339.6	242.4
5°	2258.7	1965.7	1695.4	1430.4	1180.0	970.9	764.5	591.3	458.1	339.6	239.7
2.5°	2229.4	1949.8	1676.7	1406.4	1158.7	948.2	747.1	576.7	448.8	334.3	237.1
0°	2181.5	1917.8	1644.8	1373.1	1129.4	925.6	729.8	562.0	439.5	329.0	234.4
-2.5°	2137.5	1875.2	1603.5	1338.5	1101.4	905.6	716.5	554.0	435.5	327.6	233.1
-5°	2076.3	1816.6	1548.9	1293.2	1064.1	885.6	703.2	544.7	431.5	325.0	233.1
-7.5°	2008.4	1755.3	1491.6	1246.6	1026.8	851.0	677.9	530.1	422.2	319.6	231.7
-10°	1903.1	1663.4	1419.7	1193.3	986.9	820.4	656.6	516.7	414.2	314.3	226.4
-12.5°	1791.3	1562.2	1337.1	1128.0	941.6	788.4	632.6	502.1	404.9	309.0	223.7
-15°	1672.7	1458.3	1250.6	1060.1	892.3	749.8	607.3	486.1	395.5	302.3	219.7
-17.5°	1548.9	1349.1	1161.3	990.9	843.0	709.9	580.7	471.5	384.9	295.7	215.8
-20°	1418.4	1237.2	1070.8	920.3	791.1	669.9	552.7	454.1	372.9	287.7	210.4



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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°	1289.2	1126.7	977.5	851.0	737.8	628.6	524.7	436.8	359.6	278.3	206.4
-25°	1174.6	1022.8	895.0	784.4	685.9	588.7	495.4	419.5	344.9	269.0	201.1
-27.5°	1062.8	933.6	813.7	721.8	635.3	550.0	467.5	400.9	330.3	258.4	195.8
-30°	958.9	848.4	749.8	660.6	587.3	515.4	443.5	382.2	314.3	247.7	189.1
-32.5°	864.3	775.1	692.5	607.3	542.0	480.8	420.8	363.6	298.3	237.1	182.5
-35°	776.4	707.2	635.3	563.4	496.8	448.8	396.9	343.6	283.7	225.1	175.8
-37.5°	697.9	641.9	584.7	523.4	466.1	418.2	374.2	323.6	269.0	214.4	169.1
-40°	629.9	584.7	534.1	484.8	436.8	391.5	351.6	303.7	254.4	206.4	162.5
-42.5°	567.3	532.7	491.4	450.1	407.5	367.6	329.0	282.3	239.7	197.1	155.8
-45°	519.4	484.8	451.5	414.2	378.2	343.6	305.0	263.7	226.4	186.5	149.2
-47.5°	474.1	443.5	412.9	382.2	352.9	321.0	282.3	247.7	211.8	177.1	143.8
-50°	434.2	404.9	378.2	351.6	326.3	295.7	259.7	231.7	199.8	167.8	137.2
-52.5°	396.9	371.6	344.9	323.6	302.3	271.7	242.4	215.8	187.8	157.2	130.5
-55°	363.6	339.6	315.6	295.7	275.7	249.0	225.1	202.4	175.8	149.2	123.9
-57.5°	331.6	311.6	289.0	270.4	250.4	229.1	209.1	187.8	163.8	141.2	117.2
-60°	302.3	283.7	263.7	245.1	227.7	210.4	191.8	174.5	153.2	131.8	110.5
-62.5°	273.0	257.0	239.7	221.1	207.8	191.8	177.1	159.8	142.5	123.9	98.6
-65°	246.4	231.7	215.8	199.8	187.8	175.8	162.5	146.5	131.8	114.5	87.9
-67.5°	219.7	206.4	193.1	179.8	169.1	159.8	146.5	134.5	122.5	103.9	77.2
-70°	194.4	183.8	171.8	161.1	153.2	142.5	133.2	122.5	111.9	90.6	65.3
-72.5°	170.5	159.8	150.5	142.5	135.8	126.5	118.5	110.5	95.9	75.9	54.6
-75°	142.5	135.8	130.5	123.9	117.2	110.5	103.9	94.6	79.9	61.3	42.6
-77.5°	117.2	113.2	109.2	103.9	98.6	93.2	85.2	75.9	63.9	47.9	34.6
-80°	95.9	91.9	89.2	83.9	79.9	74.6	66.6	58.6	46.6	37.3	28.0
-82.5°	73.2	70.6	67.9	65.3	61.3	55.9	47.9	41.3	34.6	28.0	21.3
-85°	51.9	50.6	47.9	45.3	41.3	37.3	32.0	28.0	24.0	18.6	14.6
-87.5°	26.6	25.3	24.0	22.6	21.3	18.6	16.0	13.3	12.0	9.3	6.7
-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°	5.3	4.0	1.3	0.0
85°	10.7	6.7	2.7	0.0
82.5°	16.0	10.7	4.0	0.0
80°	21.3	13.3	6.7	0.0
77.5°	26.6	16.0	8.0	0.0
75°	32.0	20.0	9.3	0.0
72.5°	36.0	22.6	10.7	0.0
70°	42.6	26.6	12.0	0.0
67.5°	53.3	29.3	13.3	0.0
65°	62.6	32.0	14.6	0.0
62.5°	73.2	34.6	16.0	0.0
60°	82.6	37.3	17.3	0.0
57.5°	91.9	43.9	18.6	0.0
55°	99.9	49.3	20.0	0.0
52.5°	109.2	54.6	21.3	0.0
50°	117.2	59.9	22.6	0.0
47.5°	123.9	65.3	22.6	0.0
45°	129.2	69.3	24.0	0.0
42.5°	133.2	73.2	25.3	0.0
40°	137.2	77.2	26.6	0.0
37.5°	141.2	81.2	26.6	0.0
35°	145.2	85.2	28.0	0.0
32.5°	149.2	89.2	28.0	0.0
30°	151.8	91.9	29.3	0.0
27.5°	155.8	94.6	29.3	0.0
25°	157.2	97.2	30.6	0.0
22.5°	159.8	98.6	30.6	0.0
20°	162.5	101.2	30.6	0.0
17.5°	163.8	102.5	32.0	0.0
15°	163.8	103.9	33.3	0.0
12.5°	165.1	105.2	33.3	0.0
10°	165.1	107.9	32.0	0.0
7.5°	167.8	106.5	32.0	0.0
5°	166.5	106.5	32.0	0.0
2.5°	165.1	105.2	32.0	0.0
0°	163.8	105.2	32.0	0.0
-2.5°	163.8	105.2	32.0	0.0
-5°	163.8	105.2	32.0	0.0
-7.5°	162.5	106.5	32.0	0.0
-10°	159.8	106.5	32.0	0.0
-12.5°	158.5	102.5	32.0	0.0
-15°	157.2	101.2	32.0	0.0
-17.5°	154.5	99.9	30.6	0.0
-20°	151.8	98.6	30.6	0.0



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CATALOG NUMBER: IFLD-S-SA3B-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	149.2	95.9	30.6	0.0
-25°	146.5	93.2	29.3	0.0
-27.5°	143.8	90.6	29.3	0.0
-30°	139.8	87.9	28.0	0.0
-32.5°	135.8	85.2	28.0	0.0
-35°	133.2	81.2	26.6	0.0
-37.5°	129.2	77.2	26.6	0.0
-40°	125.2	73.2	25.3	0.0
-42.5°	121.2	69.3	24.0	0.0
-45°	115.9	65.3	24.0	0.0
-47.5°	111.9	61.3	22.6	0.0
-50°	105.2	55.9	21.3	0.0
-52.5°	97.2	50.6	20.0	0.0
-55°	89.2	46.6	18.6	0.0
-57.5°	81.2	41.3	18.6	0.0
-60°	73.2	36.0	17.3	0.0
-62.5°	65.3	33.3	16.0	0.0
-65°	57.3	30.6	14.6	0.0
-67.5°	47.9	26.6	13.3	0.0
-70°	40.0	24.0	12.0	0.0
-72.5°	34.6	21.3	10.7	0.0
-75°	29.3	18.6	9.3	0.0
-77.5°	25.3	16.0	8.0	0.0
-80°	20.0	12.0	5.3	0.0
-82.5°	14.6	9.3	4.0	0.0
-85°	9.3	6.7	2.7	0.0
-87.5°	5.3	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)