

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P571660

Luminaire Tested: **UFLD-CA2-80-722-U-66-TS2_UFLD**

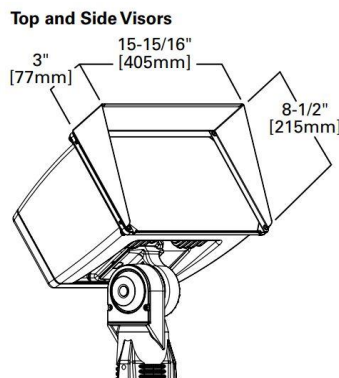
Issue Date: 9/21/2021

Test Information

Test Method: LM-79-08
Report Number: P571660
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-378-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 9/21/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UFLD-CA2-80-722-U-66-TS2_UFLD
Description: FLOOD LIGHT, 6x6 OPTIC WITH TOP AND SIDE VISOR
Light Source: (2) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

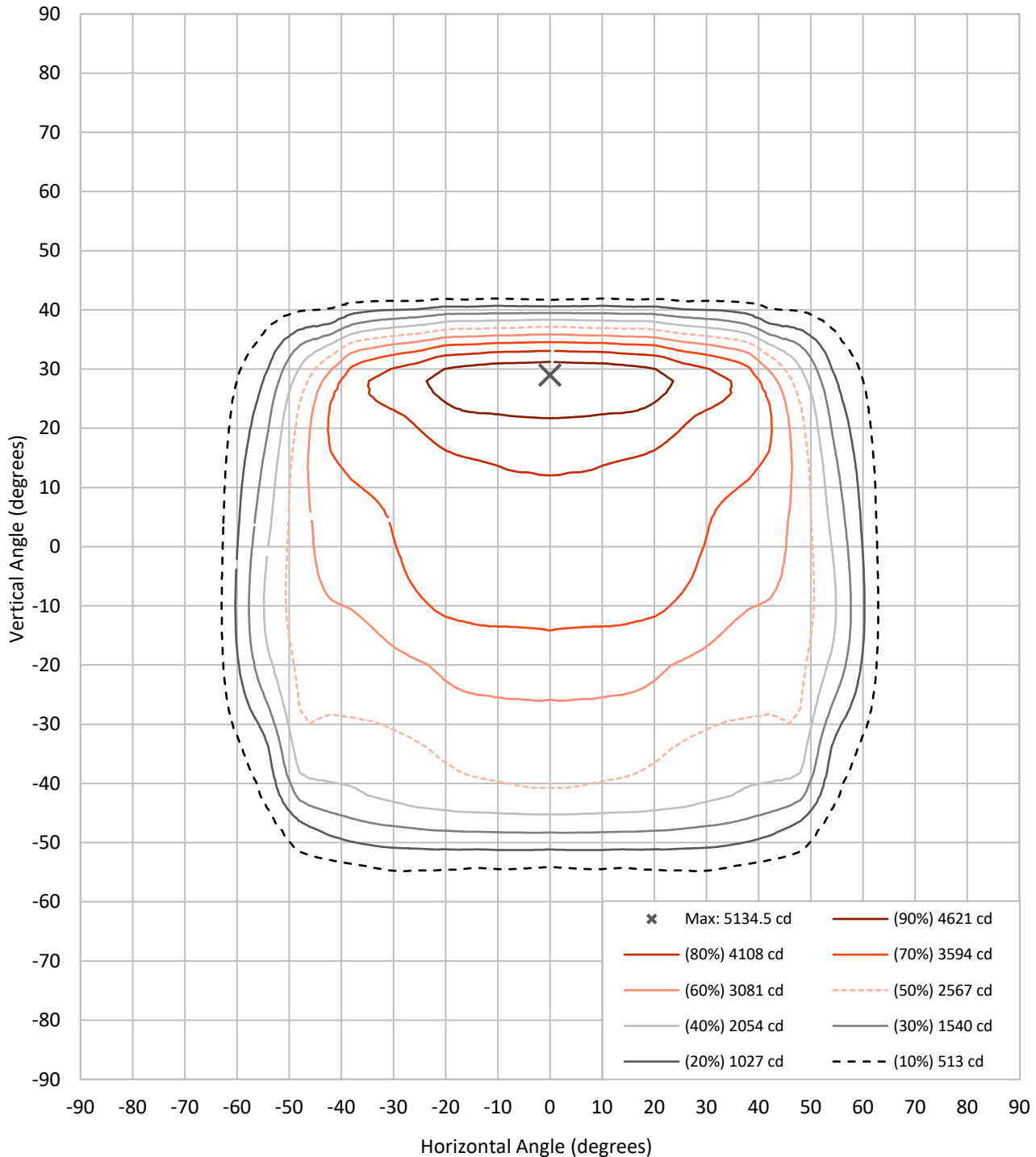
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	8486 lumens	Max Intensity:	5134.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	103.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.25' x L: 0.67' x H: 0')		
Beam Angle (50%):	91.9°H x 77.9°V	Field Angle (10%):	119.5°H x 95.8°V
Beam Lumens:	6533.1 lumens	Field Lumens:	8269.3 lumens
Beam Efficiency:	77.0%	Field Efficiency:	97.4%
Input Watts (W):	82.2		
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:	25 FT		



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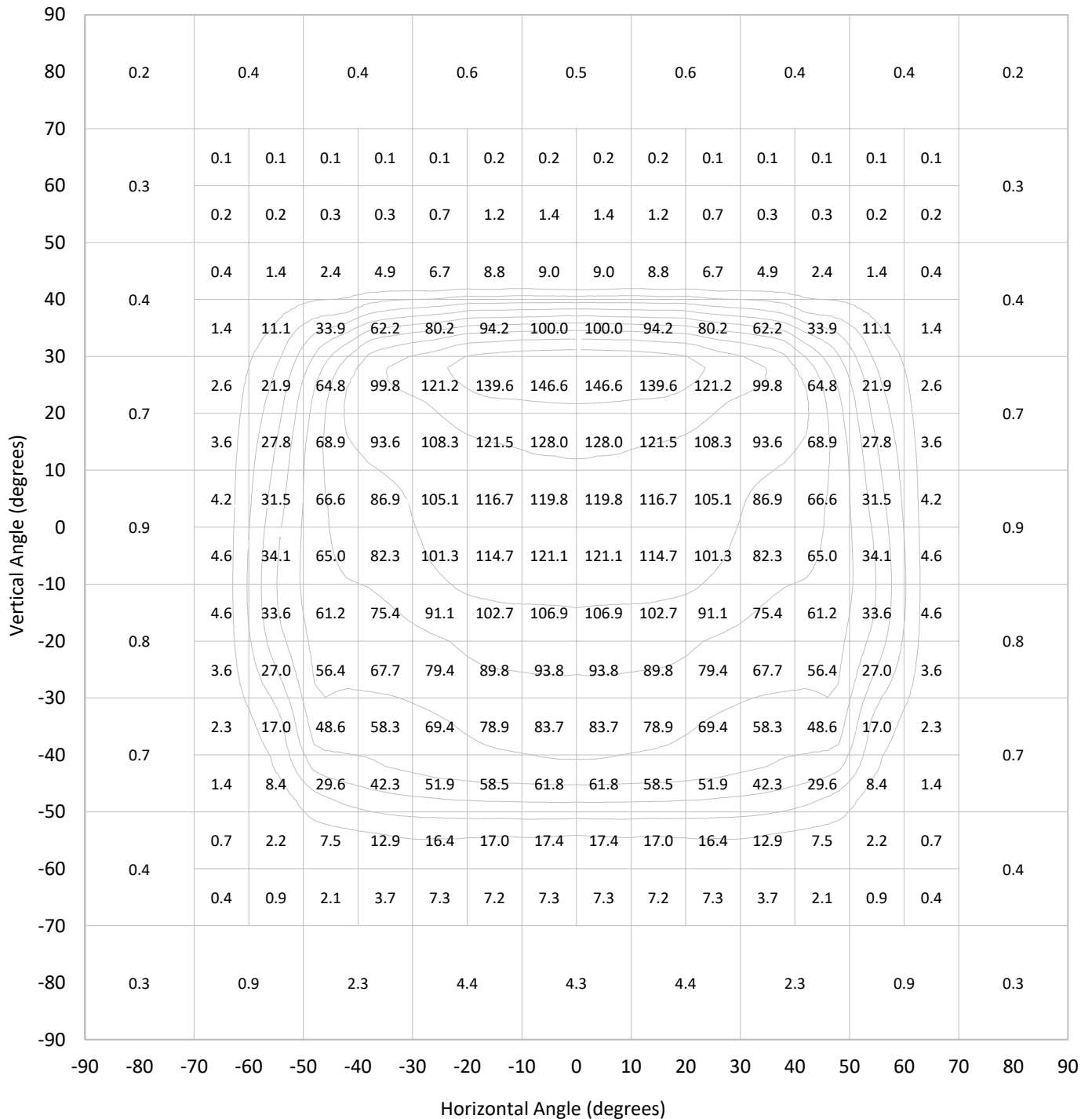
Iso-Candela Plot





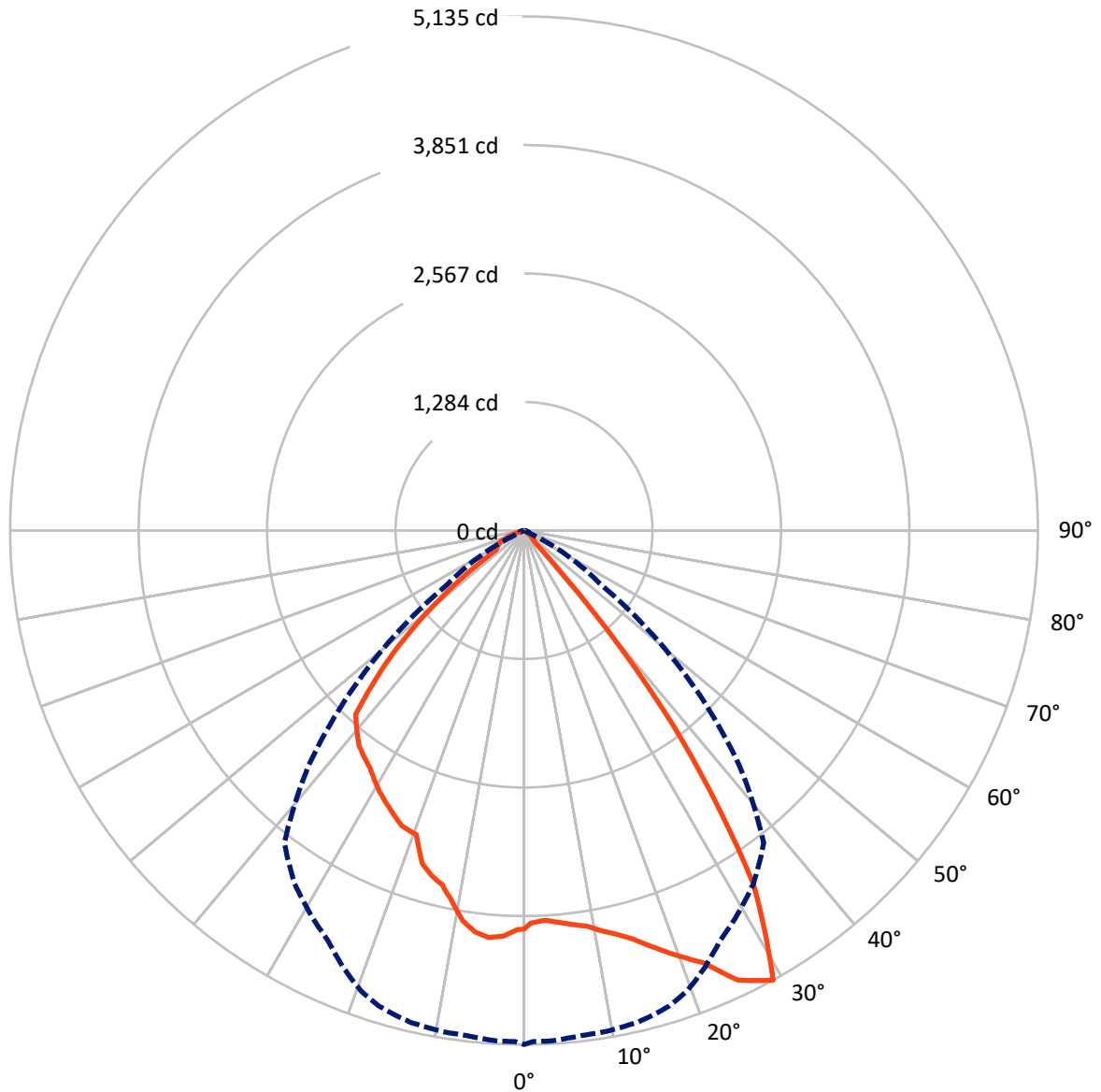
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Lumen Table



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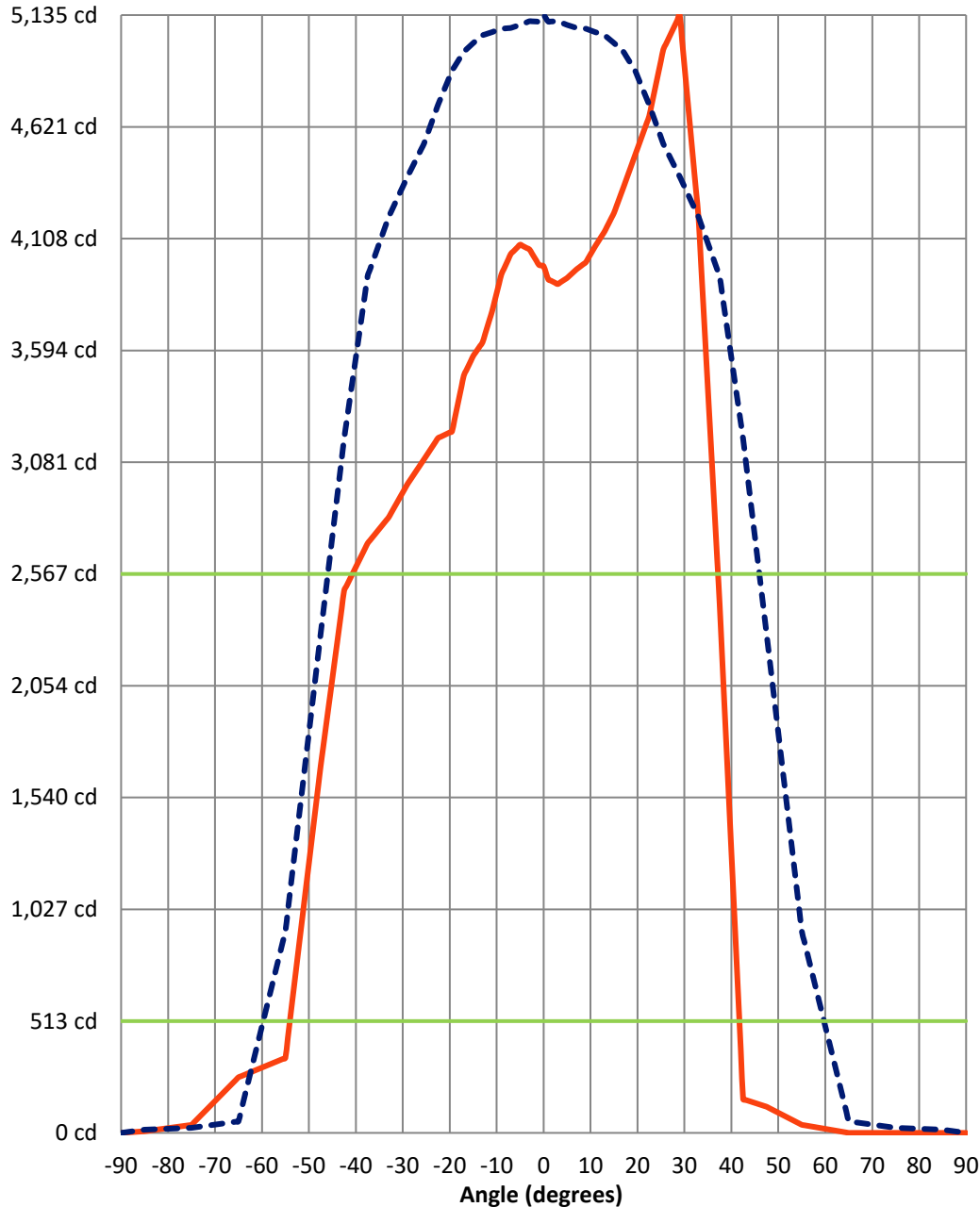
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 29-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 91.9°
 V Angle: 77.9°
 Lumens: 6533.1
 Efficiency: 77.0%

Field:
 H Angle: 119.5°
 V Angle: 95.8°
 Lumens: 8269.3
 Efficiency: 97.4%

Spill:
 Lumens: 216.7
 Efficiency: 2.6%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 29-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	1°	3°	5°	7°	9°	11°	13°	15°	17°	19.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	2.3	5.8	7.3	7.7	8.5	8.5	9.3	9.3	8.9	8.5
75°	0.0	0.8	2.3	3.5	4.2	5.0	5.4	5.4	5.4	5.0	5.0
65°	0.0	0.4	1.5	2.3	3.1	3.5	3.5	3.9	3.9	3.9	3.5
55°	37.1	38.2	37.5	37.1	37.1	36.3	34.8	32.4	29.7	30.1	28.2
47.5°	120.1	118.9	119.3	118.6	117.4	113.9	112.0	110.4	109.3	108.9	103.9
42.5°	155.2	160.3	174.9	206.2	239.4	275.0	276.9	249.9	217.0	181.1	252.2
37.5°	2428.6	2466.1	2416.6	2403.5	2338.2	2352.1	2340.6	2303.9	2301.2	2322.0	2296.5
33°	4203.8	4217.7	4191.8	4184.9	4171.4	4171.4	4156.7	4091.1	4043.6	4014.2	4004.9
29°	5134.5	5104.4	5106.3	5089.3	5075.4	5071.9	5056.1	5041.8	5005.9	4966.1	4879.2
25.5°	4976.2	4960.7	4968.0	4939.9	4934.8	4914.0	4915.9	4896.6	4870.3	4829.0	4736.3
22.5°	4670.7	4672.6	4671.5	4656.8	4651.4	4632.5	4609.7	4605.4	4603.1	4573.0	4505.4
19.5°	4491.9	4473.0	4466.4	4476.1	4459.8	4435.9	4410.0	4392.7	4371.8	4363.3	4338.2
17°	4342.8	4322.8	4331.6	4317.7	4306.9	4275.6	4248.2	4224.7	4213.9	4198.8	4162.1
15°	4226.2	4210.4	4207.7	4197.3	4205.4	4167.1	4150.9	4130.8	4108.8	4086.8	4057.1
13°	4140.9	4144.7	4138.2	4110.8	4123.1	4092.6	4072.5	4047.0	4028.5	4008.4	3991.8
11°	4072.9	4077.9	4051.7	4050.5	4056.3	4016.5	4010.7	3981.0	3970.6	3972.5	3928.1
9°	3999.1	4010.3	4019.6	4007.3	3998.4	3982.5	3973.3	3962.5	3942.8	3945.9	3934.7
7°	3966.3	3957.1	3954.7	3972.5	3958.6	3943.5	3927.7	3933.5	3937.4	3948.2	3934.7
5°	3926.9	3932.3	3935.8	3925.0	3923.1	3928.9	3918.8	3930.4	3933.9	4011.1	4035.1
3°	3898.7	3918.8	3908.4	3895.3	3904.5	3913.4	3934.3	3936.2	3973.7	4018.8	4032.0
1°	3920.4	3934.7	3935.8	3935.8	3945.1	3973.7	3976.0	3987.6	4015.0	4033.9	4044.3
0°	3981.0	3972.1	3977.5	3969.4	3991.8	4006.5	4008.4	3999.1	4019.2	4083.3	4083.3
-1°	3987.2	3991.0	4006.9	4011.1	4005.3	4023.5	3995.3	3997.6	4007.3	4045.1	4009.6
-3°	4057.8	4059.0	4057.1	4058.6	4049.4	4044.3	4024.6	4008.8	3986.0	3950.1	3920.0
-5°	4080.2	4082.9	4072.9	4068.3	4047.4	4013.8	4003.4	3976.4	3939.3	3899.1	3870.2
-7°	4037.0	4037.8	4005.3	4014.2	3979.8	3941.2	3914.6	3877.1	3850.5	3811.5	3782.5
-9°	3942.8	3928.9	3906.5	3899.5	3867.1	3819.6	3783.3	3755.1	3741.6	3718.8	3725.4
-11°	3772.1	3760.9	3762.0	3743.1	3718.4	3697.6	3679.8	3668.2	3660.1	3650.4	3636.5
-13°	3631.5	3625.7	3606.4	3612.2	3599.9	3604.1	3608.0	3603.3	3593.7	3580.9	3560.8
-15°	3568.6	3563.9	3555.4	3548.9	3547.7	3547.7	3546.2	3544.2	3535.7	3504.1	3473.2
-17°	3478.6	3467.0	3466.2	3464.3	3460.1	3462.4	3457.7	3449.6	3447.3	3426.1	3396.0
-19.5°	3222.6	3228.4	3227.6	3236.1	3226.8	3242.6	3248.4	3248.8	3236.9	3223.3	3198.2
-22.5°	3191.3	3173.5	3175.8	3180.9	3172.0	3168.5	3167.0	3168.5	3156.5	3140.7	3100.2
-25.5°	3093.2	3100.2	3100.5	3090.5	3092.0	3093.6	3075.4	3074.3	3062.3	3044.9	3000.9
-29°	2980.1	2984.3	2974.6	2975.4	2959.2	2952.2	2931.0	2918.7	2899.0	2887.4	2844.5
-33°	2827.5	2837.2	2828.3	2825.6	2809.8	2797.4	2779.6	2770.8	2739.5	2711.3	2679.2
-37.5°	2707.8	2697.0	2694.3	2699.7	2678.8	2671.9	2654.9	2640.2	2618.2	2590.8	2550.2
-42.5°	2490.0	2503.9	2498.9	2483.1	2474.2	2447.9	2437.5	2424.4	2415.9	2411.6	2365.7
-47.5°	1683.3	1690.6	1688.3	1682.9	1677.1	1674.8	1663.6	1654.7	1652.8	1645.8	1623.8
-55°	344.5	353.3	359.9	376.1	383.1	393.1	383.9	366.5	363.4	399.7	396.6
-65°	255.3	254.1	252.9	251.8	249.9	249.1	251.0	252.6	251.4	256.4	266.5
-75°	36.7	36.3	37.5	37.8	35.1	35.1	40.9	39.8	41.3	41.3	41.7
-85°	7.3	6.6	7.3	10.8	11.2	12.7	13.9	15.1	15.4	15.4	15.4
-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):

	22.5°	25.5°	29°	33°	37.5°	42.5°	47.5°	55°	65°	75°	85°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.7	7.0	6.2	5.4	4.6	5.0	5.8	7.3	10.4	12.0	13.1
75°	4.6	4.2	3.9	3.9	3.9	4.6	5.4	7.0	10.0	11.6	13.5
65°	3.5	3.1	2.7	2.7	2.7	3.5	5.4	7.3	10.4	12.0	13.5
55°	25.5	18.5	10.4	10.8	10.8	11.2	11.6	9.7	12.0	13.1	13.9
47.5°	88.4	62.6	37.8	29.7	29.7	25.9	22.4	17.0	22.0	14.3	13.9
42.5°	247.9	113.5	182.3	195.0	169.1	75.7	99.6	113.1	28.2	16.2	14.3
37.5°	2108.9	2019.3	1898.8	1798.4	1568.2	989.7	895.1	393.5	33.6	18.5	14.3
33°	3864.0	3657.0	3556.2	3347.7	3187.4	2332.8	1800.3	669.6	44.0	20.9	14.7
29°	4721.7	4542.9	4392.3	4207.3	3934.3	3187.4	2291.5	926.4	52.9	23.2	14.7
25.5°	4593.5	4448.3	4302.3	4165.6	4018.8	3519.5	2593.9	1111.8	61.4	25.9	14.7
22.5°	4374.9	4216.2	4081.0	4000.7	3917.7	3628.4	2755.3	1241.1	69.5	28.6	15.1
19.5°	4208.8	4067.5	3943.5	3861.7	3854.3	3647.7	2845.3	1346.2	79.2	33.2	15.1
17°	4058.2	3942.0	3842.8	3805.3	3823.8	3597.5	2910.9	1433.1	88.0	36.3	15.1
15°	3956.7	3865.1	3784.8	3775.9	3763.6	3540.8	2960.0	1506.8	95.4	37.8	15.1
13°	3910.7	3830.0	3767.4	3759.0	3687.5	3474.0	2986.6	1574.4	101.2	39.0	15.1
11°	3857.0	3803.4	3770.5	3703.3	3603.3	3389.8	2988.5	1633.1	107.0	40.9	15.1
9°	3866.3	3796.4	3744.3	3638.9	3521.1	3347.3	2988.5	1686.4	105.8	42.1	15.1
7°	3870.6	3805.3	3697.6	3574.8	3456.6	3305.2	2996.3	1739.3	100.8	43.6	15.1
5°	3890.6	3796.0	3674.4	3524.5	3403.7	3275.1	2971.2	1793.4	98.9	44.8	15.1
3°	3891.8	3795.3	3664.7	3474.7	3366.6	3246.5	2968.1	1839.7	98.5	45.2	15.4
1°	3893.0	3791.4	3634.6	3425.3	3334.9	3232.2	2963.8	1891.4	99.6	45.2	15.4
0°	3887.2	3774.0	3621.9	3412.9	3315.2	3221.4	2968.9	1918.9	100.4	44.4	15.4
-1°	3880.6	3750.5	3590.6	3395.6	3300.2	3217.2	2963.4	1945.9	100.4	44.0	15.4
-3°	3832.3	3711.8	3561.2	3379.4	3273.9	3191.7	2943.4	1992.2	103.5	44.0	15.4
-5°	3782.1	3668.6	3530.0	3335.7	3241.9	3160.4	2948.8	2019.7	105.0	44.0	15.4
-7°	3732.3	3613.8	3485.9	3316.4	3194.8	3113.3	2934.5	2055.2	105.4	43.6	15.4
-9°	3651.2	3548.5	3412.6	3245.7	3133.4	3078.5	2929.5	2072.9	106.2	43.6	15.4
-11°	3582.9	3460.8	3338.0	3184.0	3073.9	3021.0	2905.5	2070.6	107.0	43.3	15.4
-13°	3487.5	3378.6	3267.0	3121.8	3022.9	2955.3	2881.2	2056.7	106.6	43.6	15.4
-15°	3401.4	3294.8	3182.4	3068.5	2965.8	2885.8	2844.9	2025.1	106.6	43.6	15.4
-17°	3314.1	3211.0	3105.6	2995.9	2908.6	2844.9	2817.9	1965.2	105.8	43.3	15.4
-19.5°	3118.7	3040.3	2974.6	2914.8	2841.4	2766.9	2775.4	1856.7	103.1	43.3	15.4
-22.5°	3020.2	2940.3	2873.5	2813.2	2755.3	2681.5	2730.6	1692.2	98.9	42.5	15.4
-25.5°	2931.0	2854.2	2785.4	2725.6	2686.2	2641.0	2690.0	1479.0	94.6	41.7	15.4
-29°	2780.0	2716.7	2659.9	2600.5	2568.8	2549.9	2625.2	1194.0	91.5	40.2	15.1
-33°	2612.0	2558.0	2502.4	2422.0	2388.1	2388.4	2472.6	837.2	89.6	37.8	15.1
-37.5°	2493.9	2434.0	2351.0	2262.2	2200.0	2211.2	2228.2	654.9	90.7	34.4	15.1
-42.5°	2304.3	2272.2	2171.8	2084.9	1971.4	1856.3	1684.8	489.3	79.6	28.6	15.1
-47.5°	1611.1	1564.8	1522.3	1474.0	1368.6	1178.2	900.5	193.5	71.1	22.4	15.1
-55°	420.5	415.5	442.5	407.0	333.3	248.7	216.6	74.1	53.7	19.3	15.1
-65°	289.6	300.8	236.3	157.2	79.6	67.6	105.4	40.2	29.3	17.0	14.7
-75°	40.5	36.3	28.6	30.1	31.7	29.7	27.0	16.6	16.6	15.4	14.3
-85°	15.1	14.3	13.9	13.5	12.7	12.0	12.0	12.4	13.9	15.1	14.3
-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):

	90°
90°	0.0
85°	0.0
75°	0.0
65°	0.0
55°	0.0
47.5°	0.0
42.5°	0.0
37.5°	0.0
33°	0.0
29°	0.0
25.5°	0.0
22.5°	0.0
19.5°	0.0
17°	0.0
15°	0.0
13°	0.0
11°	0.0
9°	0.0
7°	0.0
5°	0.0
3°	0.0
1°	0.0
0°	0.0
-1°	0.0
-3°	0.0
-5°	0.0
-7°	0.0
-9°	0.0
-11°	0.0
-13°	0.0
-15°	0.0
-17°	0.0
-19.5°	0.0
-22.5°	0.0
-25.5°	0.0
-29°	0.0
-33°	0.0
-37.5°	0.0
-42.5°	0.0
-47.5°	0.0
-55°	0.0
-65°	0.0
-75°	0.0
-85°	0.0
-90°	0.0

(END OF REPORT)