

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: McGRAW-EDISON

Report Number: P158131

Luminaire Tested: **VTS-E06-LED-E1-SL2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158131
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-E06-LED-E1-SL2-7050
Description: VENTUS LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

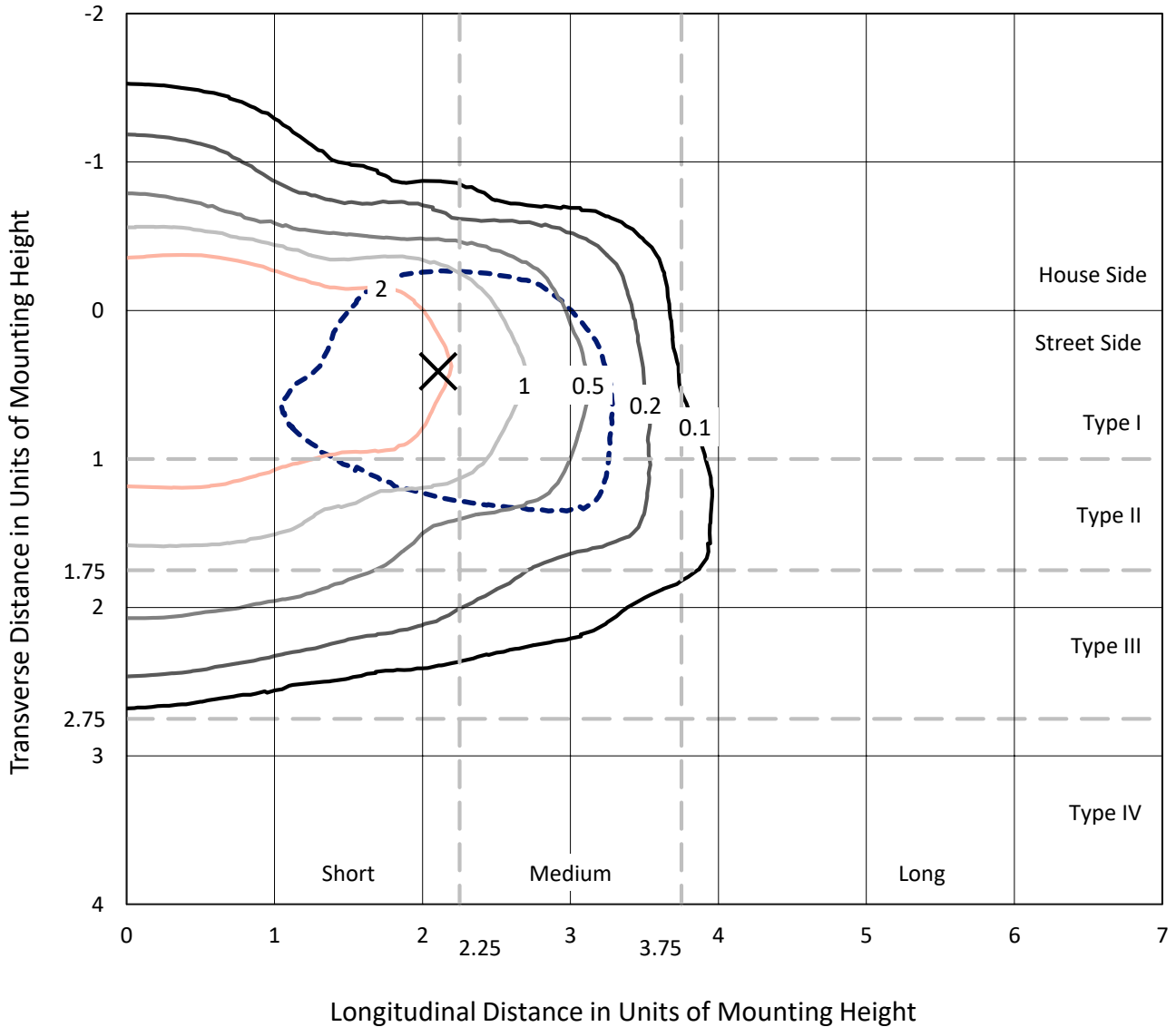
Lumens per Lamp: N/A
Luminaire Lumens: 18523.9 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 150.5
Input Voltage (V): NR
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-Footcandle Lines of Horizontal Illumination

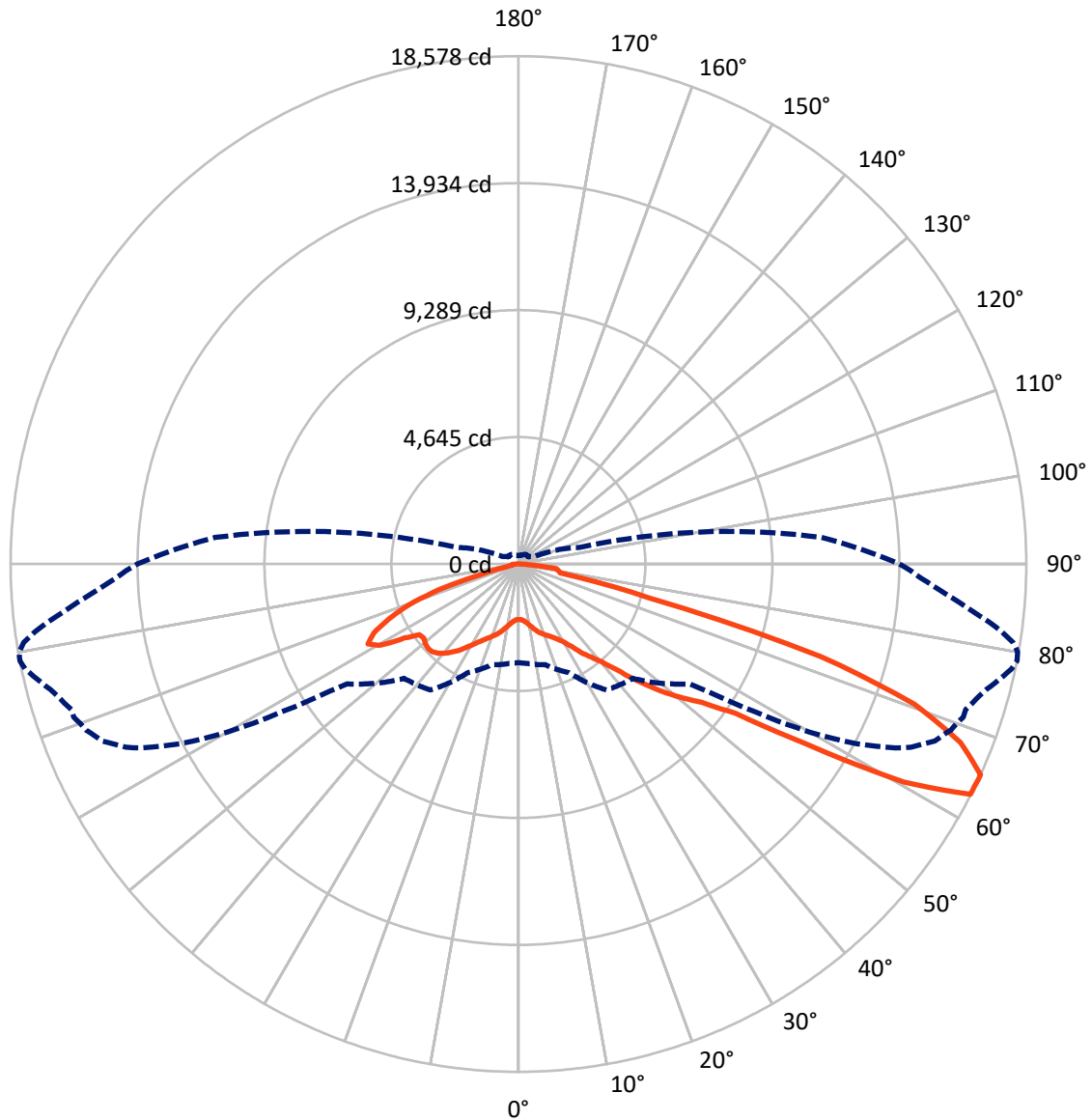
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4256.4	0.0	4256.4
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	14267.4	0.0	14267.4
	% Fixture	77.0	0.0	77.0
Total	Lumens	18523.9	0.0	18523.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.5	1.1
10°-20°	651.2	3.5
20°-30°	1122.7	6.1
30°-40°	1839.0	9.9
40°-50°	3079.7	16.6
50°-60°	4165.7	22.5
60°-70°	5130.0	27.7
70°-80°	1985.8	10.7
80°-90°	349.2	1.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	18523.9	100.0
0°-180°	18523.9	100.0



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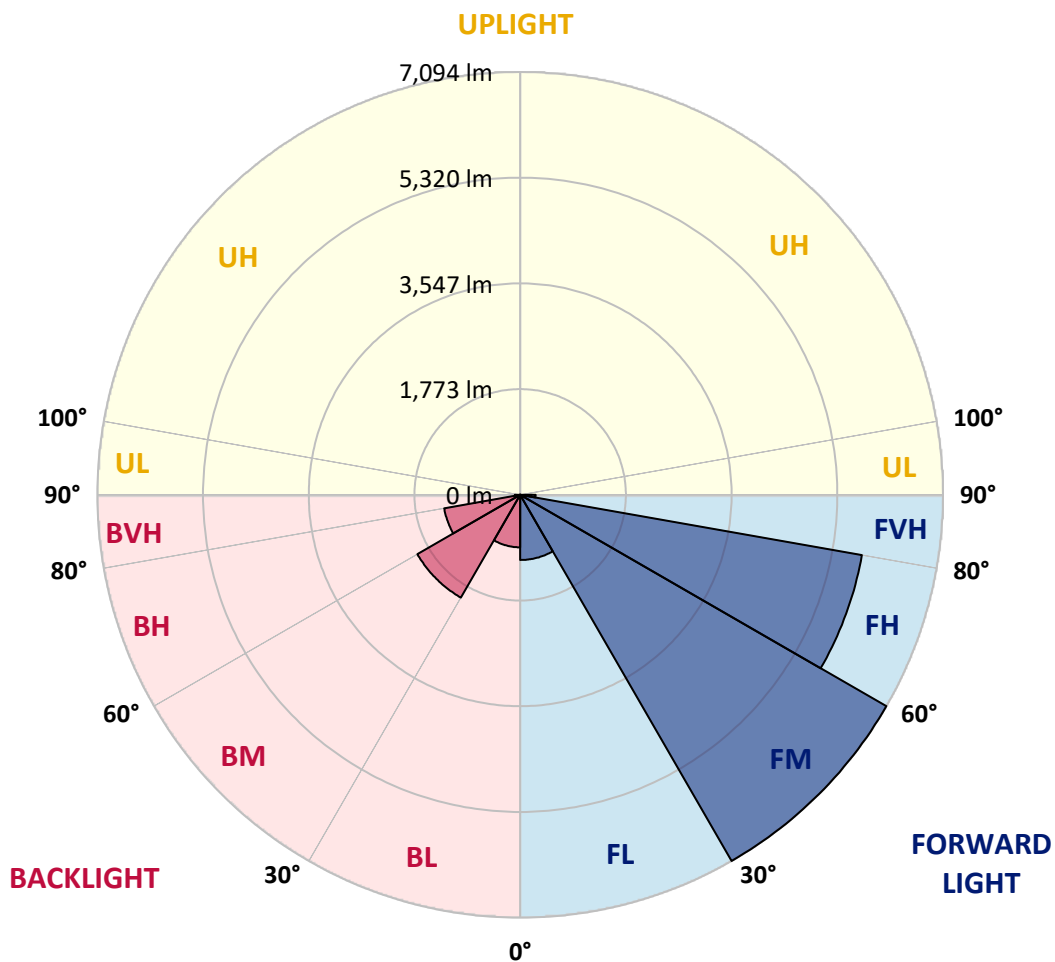
CATALOG NUMBER: VTS-E06-LED-E1-SL2-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1093.6	5.9			
FM (30°-60°)	7093.8	38.3			
FH (60°-80°)	5820.9	31.4			G3/7500
FVH (80°-90°)	259.1	1.4			G3/500
BL (0°-30°)	880.9	4.8	B2/1000		
BM (30°-60°)	1990.5	10.7	B2/2500		
BH (60°-80°)	1295.0	7.0	B3/2500		G3/2500
BVH (80°-90°)	90.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8
2.5°	2030.5	2024.3	2030.5	2035.4	2039.1	2044.0	2042.8	2041.5	2040.3	2041.5	2041.5
5°	2047.7	2046.5	2052.6	2057.5	2066.2	2072.3	2079.7	2079.7	2079.7	2078.5	2080.9
7.5°	2103.1	2101.9	2108.0	2113.0	2120.3	2132.7	2142.5	2147.4	2146.2	2146.2	2146.2
10°	2194.2	2189.3	2189.3	2189.3	2199.1	2207.8	2229.9	2232.4	2237.3	2234.9	2236.1
12.5°	2282.9	2284.1	2280.4	2276.7	2278.0	2295.2	2327.2	2333.4	2334.6	2338.3	2340.8
15°	2362.9	2361.7	2353.1	2344.4	2355.5	2385.1	2426.9	2438.0	2438.0	2445.4	2450.3
17.5°	2436.8	2434.3	2418.3	2403.5	2414.6	2465.1	2530.4	2537.8	2548.8	2552.5	2557.5
20°	2524.2	2519.3	2500.8	2461.4	2461.4	2530.4	2616.6	2624.0	2633.8	2636.3	2644.9
22.5°	2646.1	2633.8	2594.4	2523.0	2503.3	2583.3	2689.2	2692.9	2700.3	2710.1	2717.5
25°	2784.0	2786.5	2722.5	2598.1	2555.0	2638.7	2759.4	2765.6	2779.1	2786.5	2795.1
27.5°	2926.9	2930.6	2859.1	2704.0	2631.3	2715.1	2854.2	2861.6	2877.6	2886.2	2899.8
30°	3089.4	3094.3	3025.4	2869.0	2758.2	2827.1	2994.6	3014.3	3027.8	3038.9	3061.1
32.5°	3479.7	3450.2	3402.2	3235.9	3061.1	3056.2	3221.2	3243.3	3261.8	3285.2	3306.1
35°	3971.0	3989.5	4014.1	3902.1	3748.2	3636.1	3649.7	3637.3	3654.6	3689.1	3710.0
37.5°	4360.1	4400.8	4507.9	4580.5	4574.4	4552.2	4345.4	4345.4	4356.4	4338.0	4335.5
40°	4665.5	4691.4	4910.5	5192.5	5430.2	5547.1	5383.4	5360.0	5372.3	5277.5	5281.2
42.5°	4823.1	4861.3	5176.5	5671.5	6143.1	6518.6	6468.2	6452.2	6415.2	6391.8	6377.0
45°	4903.1	4948.7	5324.3	6003.9	6691.0	7271.0	7532.0	7529.6	7496.3	7469.2	7456.9
47.5°	4862.5	4901.9	5302.1	6104.9	6979.2	7756.1	8333.6	8369.3	8359.5	8398.9	8414.9
50°	4596.5	4647.0	5048.4	5887.0	6858.5	7947.0	8888.9	8955.4	9045.3	9102.0	9177.1
52.5°	4356.4	4398.3	4760.3	5533.6	6462.0	7791.8	9223.9	9360.5	9483.7	9599.4	9689.3
55°	4105.2	4147.1	4464.8	5166.6	6061.8	7333.8	9376.6	9576.0	9768.1	9963.9	10143.7
57.5°	4010.4	4054.8	4291.2	4882.2	5734.3	6879.4	9451.7	9779.2	10092.0	10424.4	10769.2
60°	4256.7	4296.1	4475.9	4889.6	5484.3	6425.1	9300.2	9814.9	10353.0	10900.9	11430.4
62.5°	4181.6	4202.5	4426.6	5068.1	5803.2	5976.9	8643.9	9323.6	10105.5	10908.3	11719.8
65°	3607.8	3648.4	3817.1	4381.1	5624.7	5916.5	7644.1	8327.5	9249.7	10199.1	11286.3
67.5°	2588.2	2531.6	2662.1	3155.9	4363.8	5906.7	6518.6	7024.7	7747.5	8475.2	9366.7
70°	1175.9	1148.8	1251.0	1641.4	2632.6	4668.0	5511.4	5682.6	5951.0	6441.1	7043.2
72.5°	464.2	463.0	529.5	678.5	1244.9	3004.4	4634.7	4733.2	4828.0	5041.1	5300.9
75°	304.1	304.1	323.8	365.7	613.2	1450.5	3920.5	4010.4	4155.7	4216.1	4326.9
77.5°	229.0	230.3	238.9	248.7	338.6	763.4	2766.8	3085.7	3332.0	3515.4	3649.7
80°	162.5	169.9	185.9	192.1	220.4	434.7	1563.8	1794.0	2072.3	2369.1	2742.2
82.5°	121.9	130.5	157.6	165.0	174.8	247.5	705.6	800.4	934.6	1211.6	1742.3
85°	56.6	62.8	108.4	118.2	126.8	142.8	358.3	400.2	454.4	497.5	580.0
87.5°	8.6	6.2	18.5	25.9	40.6	41.9	123.1	146.5	158.8	190.9	198.2
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8
2.5°	2041.5	2042.8	2044.0	2041.5	2042.8	2042.8	2040.3	2039.1	2039.1	2039.1	2040.3
5°	2080.9	2083.4	2080.9	2082.2	2087.1	2085.9	2083.4	2082.2	2087.1	2088.3	2084.6
7.5°	2151.1	2152.4	2147.4	2153.6	2156.1	2157.3	2157.3	2159.7	2159.7	2163.4	2159.7
10°	2241.0	2241.0	2249.6	2248.4	2249.6	2252.1	2253.3	2258.3	2261.9	2261.9	2264.4
12.5°	2344.4	2345.7	2354.3	2355.5	2360.5	2361.7	2369.1	2364.1	2376.5	2376.5	2380.2
15°	2451.6	2460.2	2461.4	2473.7	2476.2	2477.4	2487.3	2487.3	2495.9	2497.1	2499.6
17.5°	2557.5	2564.9	2569.8	2579.6	2588.2	2591.9	2595.6	2603.0	2609.2	2611.6	2617.8
20°	2648.6	2656.0	2660.9	2670.7	2678.1	2684.3	2688.0	2696.6	2702.8	2705.2	2713.8
22.5°	2724.9	2729.9	2738.5	2752.0	2754.5	2761.9	2772.9	2779.1	2781.6	2789.0	2798.8
25°	2806.2	2813.6	2818.5	2830.8	2840.7	2853.0	2862.8	2872.7	2875.1	2885.0	2893.6
27.5°	2914.5	2921.9	2923.2	2947.8	2957.6	2974.9	2986.0	3000.7	3008.1	3016.8	3034.0
30°	3074.6	3091.9	3099.2	3127.6	3132.5	3152.2	3171.9	3176.8	3187.9	3189.1	3217.5
32.5°	3319.7	3344.3	3354.1	3383.7	3391.1	3409.5	3420.6	3446.5	3447.7	3460.0	3466.2
35°	3721.1	3714.9	3753.1	3760.5	3782.6	3798.6	3809.7	3809.7	3833.1	3834.4	3841.7
37.5°	4269.0	4256.7	4266.5	4222.2	4233.3	4213.6	4209.9	4214.8	4205.0	4207.4	4206.2
40°	5145.7	5090.3	5032.4	4895.8	4866.2	4809.6	4765.2	4729.5	4695.0	4658.1	4633.5
42.5°	6245.3	6165.3	6079.1	5859.9	5757.7	5648.1	5541.0	5479.4	5356.3	5281.2	5240.5
45°	7397.8	7304.2	7183.6	7001.3	6856.0	6739.1	6543.3	6450.9	6260.1	6165.3	6037.2
47.5°	8342.2	8343.5	8246.2	8061.5	7906.3	7828.8	7706.9	7528.3	7311.6	7189.7	6961.9
50°	9168.5	9167.2	9161.1	9050.2	8941.9	8856.9	8749.8	8588.5	8411.2	8273.3	8012.2
52.5°	9779.2	9860.5	9894.9	9893.7	9880.2	9840.8	9759.5	9620.4	9440.6	9363.0	9154.9
55°	10284.0	10461.4	10553.7	10755.6	10774.1	10839.4	10768.0	10769.2	10663.3	10670.7	10604.2
57.5°	11048.7	11372.5	11558.5	12005.4	12229.5	12500.4	12452.4	12679.0	12761.5	12866.1	13005.3
60°	11916.8	12521.4	12962.2	13851.2	14213.2	14651.6	14892.9	15150.2	15337.4	15529.5	15671.1
62.5°	12537.4	13331.6	14055.6	15322.6	15793.0	16254.7	16558.9	16870.4	17081.0	17218.9	17321.1
65°	12283.7	13161.6	14017.4	15346.0	15858.3	16193.2	16555.2	16735.0	16945.5	17060.0	17206.6
67.5°	10438.0	11318.4	12235.7	13803.2	14338.8	14801.8	15083.8	15316.5	15486.4	15631.7	15800.4
70°	7762.3	8725.2	9673.3	11392.2	12068.2	12736.8	13069.3	13357.4	13534.7	13681.3	13867.2
72.5°	5586.5	6189.9	6782.1	8706.7	9382.7	10247.1	10591.9	10912.0	11142.3	11134.9	11331.9
75°	4447.6	4692.6	4956.1	5949.8	6434.9	7163.9	7357.2	7536.9	7428.6	7220.5	7208.2
77.5°	3702.6	3803.6	3892.2	4203.7	4275.2	4448.8	4352.7	4253.0	3931.6	3660.7	3517.9
80°	3005.7	3205.1	3335.7	3557.3	3648.4	3700.1	3713.7	3679.2	3561.0	3397.2	3136.2
82.5°	2234.9	2614.1	2872.7	3308.6	3468.6	3501.9	3565.9	3526.5	3448.9	3316.0	3128.8
85°	655.1	741.3	849.6	1152.5	1350.8	1519.5	1691.8	1776.8	1829.8	1755.9	1562.6
87.5°	230.3	259.8	290.6	400.2	426.0	514.7	504.8	596.0	599.7	625.5	598.4
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8
2.5°	2039.1	2039.1	2039.1	2040.3	2040.3	2040.3	2037.8	2036.6	2037.8	2040.3	2040.3
5°	2087.1	2088.3	2090.8	2085.9	2087.1	2090.8	2088.3	2087.1	2088.3	2090.8	2088.3
7.5°	2164.7	2165.9	2163.4	2168.4	2168.4	2170.8	2174.5	2170.8	2172.1	2173.3	2174.5
10°	2265.6	2266.9	2269.3	2273.0	2274.3	2276.7	2279.2	2282.9	2282.9	2280.4	2286.6
12.5°	2386.3	2385.1	2387.5	2392.5	2394.9	2398.6	2406.0	2406.0	2410.9	2409.7	2415.9
15°	2504.5	2510.7	2511.9	2520.5	2524.2	2530.4	2539.0	2543.9	2543.9	2551.3	2553.8
17.5°	2622.7	2627.7	2632.6	2640.0	2644.9	2648.6	2658.4	2664.6	2663.4	2676.9	2676.9
20°	2713.8	2723.7	2729.9	2734.8	2743.4	2749.6	2756.9	2764.3	2769.3	2777.9	2780.3
22.5°	2802.5	2808.7	2817.3	2823.4	2833.3	2840.7	2849.3	2855.4	2864.1	2875.1	2878.8
25°	2901.0	2910.9	2920.7	2929.3	2936.7	2945.3	2960.1	2973.7	2986.0	2995.8	2999.5
27.5°	3037.7	3048.8	3063.5	3069.7	3080.8	3088.2	3110.3	3127.6	3133.7	3151.0	3155.9
30°	3222.4	3234.7	3249.5	3256.9	3276.6	3286.4	3309.8	3328.3	3334.4	3355.4	3359.1
32.5°	3489.6	3497.0	3526.5	3525.3	3552.4	3580.7	3594.2	3609.0	3636.1	3647.2	3650.9
35°	3860.2	3877.4	3898.4	3897.1	3931.6	3947.6	3974.7	3990.7	4010.4	4009.2	4030.1
37.5°	4218.5	4224.7	4232.1	4248.1	4272.7	4294.9	4304.7	4320.7	4335.5	4357.7	4384.8
40°	4608.9	4623.6	4624.9	4633.5	4645.8	4674.1	4692.6	4709.8	4760.3	4792.3	4808.3
42.5°	5193.7	5190.0	5165.4	5181.4	5188.8	5231.9	5245.5	5298.4	5355.0	5422.8	5441.2
45°	5946.1	5896.8	5882.0	5875.9	5915.3	5937.5	5992.9	6091.4	6150.5	6214.5	6245.3
47.5°	6872.0	6718.1	6645.5	6629.5	6670.1	6764.9	6783.4	6880.7	6958.2	7005.0	7035.8
50°	7799.2	7678.6	7525.9	7474.2	7463.1	7550.5	7571.4	7652.7	7731.5	7745.0	7729.0
52.5°	8964.1	8767.0	8514.6	8423.5	8350.9	8357.0	8374.3	8408.7	8459.2	8438.3	8395.2
55°	10454.0	10229.9	10105.5	9933.1	9823.5	9803.8	9728.7	9625.3	9621.6	9635.1	9505.8
57.5°	12935.1	12841.5	12894.5	12876.0	12767.6	12832.9	12494.3	12398.2	12321.9	12188.9	12069.5
60°	15796.7	15892.7	16002.3	16254.7	16243.7	16497.3	16262.1	16203.0	16131.6	15721.6	15520.9
62.5°	17499.6	17537.8	17699.1	17934.3	18165.8	18408.3	18517.9	18556.1	18407.1	18072.2	17653.5
65°	17202.9	17371.6	17527.9	17731.1	17968.7	18211.3	18442.8	18578.3	18543.8	18322.1	17861.6
67.5°	15854.6	16031.9	16260.9	16473.9	16730.0	16940.6	17194.2	17443.0	17450.4	17339.5	17019.4
70°	13886.9	14092.5	14328.9	14448.4	14725.4	14916.3	15126.8	15373.1	15453.1	15466.7	15093.6
72.5°	11290.0	11376.2	11492.0	11429.2	11484.6	11606.5	11549.8	11569.5	11265.4	11322.0	10861.5
75°	6875.7	6796.9	6447.2	6128.3	5739.2	5440.0	5511.4	4940.1	4377.4	4349.0	3942.7
77.5°	3487.1	3361.5	3144.8	2919.5	2589.5	2211.5	1896.2	1556.4	1269.5	1105.7	949.4
80°	2970.0	2881.3	2761.9	2598.1	2358.0	2078.5	1749.7	1491.1	1251.0	1001.1	801.6
82.5°	2841.9	2571.0	2397.4	2260.7	2000.9	1742.3	1562.6	1385.2	1215.3	1061.4	841.0
85°	1409.9	1247.3	1055.2	935.8	720.3	563.9	528.2	434.7	405.1	312.8	263.5
87.5°	474.1	387.9	289.4	243.8	194.5	158.8	156.4	139.1	137.9	125.6	115.7
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8
2.5°	2039.1	2041.5	2041.5	2039.1	2040.3	2037.8	2039.1	2040.3	2036.6	2035.4	2031.7
5°	2089.6	2088.3	2088.3	2089.6	2093.3	2094.5	2088.3	2090.8	2092.0	2085.9	2072.3
7.5°	2173.3	2173.3	2177.0	2175.8	2183.1	2180.7	2179.4	2179.4	2179.4	2167.1	2145.0
10°	2286.6	2286.6	2290.3	2295.2	2296.4	2294.0	2294.0	2295.2	2301.3	2276.7	2242.2
12.5°	2413.4	2419.6	2418.3	2418.3	2433.1	2429.4	2424.5	2429.4	2435.6	2401.1	2351.8
15°	2555.0	2558.7	2561.2	2569.8	2567.3	2575.9	2578.4	2575.9	2582.1	2537.8	2455.3
17.5°	2683.1	2690.4	2692.9	2702.8	2702.8	2704.0	2713.8	2710.1	2711.4	2660.9	2542.7
20°	2789.0	2796.3	2800.0	2811.1	2813.6	2818.5	2822.2	2824.7	2830.8	2770.5	2614.1
22.5°	2894.8	2901.0	2907.2	2914.5	2924.4	2930.6	2935.5	2937.9	2949.0	2878.8	2681.8
25°	3013.1	3026.6	3032.8	3045.1	3054.9	3064.8	3072.2	3073.4	3091.9	3004.4	2737.2
27.5°	3170.7	3189.1	3199.0	3218.7	3228.5	3238.4	3235.9	3250.7	3276.6	3148.5	2780.3
30°	3377.5	3400.9	3407.1	3426.8	3442.8	3452.6	3463.7	3476.0	3493.3	3308.6	2801.3
32.5°	3665.7	3701.4	3710.0	3721.1	3744.5	3761.7	3769.1	3788.8	3793.7	3460.0	2795.1
35°	4060.9	4044.9	4086.8	4096.6	4129.9	4143.4	4152.0	4177.9	4158.2	3625.0	2754.5
37.5°	4418.0	4413.1	4453.7	4475.9	4519.0	4509.1	4530.1	4547.3	4477.1	3742.0	2679.4
40°	4853.9	4847.7	4904.4	4911.8	4978.3	4963.5	4972.1	4985.6	4829.3	3823.3	2542.7
42.5°	5462.2	5464.6	5525.0	5532.4	5541.0	5568.1	5523.7	5526.2	5203.6	3845.4	2317.4
45°	6263.8	6306.9	6269.9	6271.1	6268.7	6217.0	6161.6	6096.3	5592.7	3769.1	2026.8
47.5°	7040.7	7011.2	6964.4	6921.3	6885.6	6804.3	6723.0	6612.2	5928.8	3588.1	1702.9
50°	7705.6	7639.1	7597.3	7477.8	7392.9	7287.0	7173.7	7046.9	6204.7	3327.0	1400.0
52.5°	8323.8	8254.8	8098.4	7974.1	7852.2	7711.8	7580.0	7431.1	6448.5	3029.1	1168.5
55°	9350.7	9290.4	9134.0	8906.2	8756.0	8562.6	8389.0	8187.1	6942.2	2787.7	1015.8
57.5°	11740.7	11689.0	11360.2	11216.2	11017.9	10532.8	10461.4	10146.1	8265.9	2759.4	926.0
60°	15105.9	14884.3	14610.9	14216.9	13752.7	13592.6	13235.5	12815.6	10396.1	2837.0	853.3
62.5°	17172.1	16667.2	16265.8	15811.5	15384.2	15017.3	14626.9	14212.0	11485.8	2734.8	763.4
65°	17327.2	16733.7	16203.0	15669.9	15189.6	14732.8	14353.6	13938.6	11131.2	2350.6	646.4
67.5°	16472.7	15847.2	15268.4	14663.9	14178.7	13766.2	13283.6	12884.6	10131.4	1829.8	538.1
70°	14710.7	14161.5	13662.8	13011.4	12608.8	12106.4	11799.8	11301.1	8831.1	1247.3	444.5
72.5°	10595.6	10181.8	10019.3	9564.9	9037.9	8742.4	8600.8	8116.9	6526.0	774.5	363.2
75°	3579.5	3681.7	3447.7	3089.4	3264.2	2994.6	3104.2	2873.9	2760.6	444.5	305.4
77.5°	794.2	746.2	689.5	640.3	636.6	598.4	634.1	599.7	641.5	283.2	269.7
80°	626.7	495.0	421.1	384.2	364.5	353.4	344.8	334.9	305.4	241.3	248.7
82.5°	677.2	511.0	374.3	299.2	256.1	240.1	236.4	226.6	224.1	234.0	251.2
85°	216.7	181.0	153.9	145.3	134.2	128.1	125.6	121.9	147.8	254.9	241.3
87.5°	113.3	99.7	88.7	85.0	73.9	69.0	67.7	69.0	103.4	254.9	174.8
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):

	125°	135°	145°	155°	165°	175°	180°
0°	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8	2026.8
2.5°	2028.0	2026.8	2024.3	2023.1	2021.8	2015.7	2020.6
5°	2066.2	2053.9	2042.8	2029.2	2021.8	2015.7	2015.7
7.5°	2124.0	2089.6	2061.2	2030.5	2009.5	1993.5	1991.1
10°	2196.7	2130.2	2064.9	2009.5	1970.1	1940.6	1936.9
12.5°	2265.6	2164.7	2061.2	1970.1	1908.6	1866.7	1864.2
15°	2329.7	2183.1	2032.9	1898.7	1806.4	1750.9	1744.8
17.5°	2380.2	2172.1	1968.9	1799.0	1673.4	1608.1	1604.4
20°	2391.2	2127.7	1877.8	1675.8	1542.9	1473.9	1457.9
22.5°	2381.4	2047.7	1764.5	1540.4	1387.7	1318.8	1310.1
25°	2351.8	1950.4	1624.1	1382.8	1241.2	1171.0	1153.8
27.5°	2298.9	1835.9	1472.7	1230.1	1089.7	1022.0	1004.8
30°	2220.1	1698.0	1311.4	1087.3	942.0	887.8	870.5
32.5°	2110.5	1530.5	1152.5	940.7	820.1	777.0	769.6
35°	1959.0	1338.5	986.3	820.1	731.4	705.6	701.9
37.5°	1765.7	1146.4	847.2	733.9	669.8	653.8	651.4
40°	1513.3	949.4	748.6	672.3	625.5	612.0	609.5
42.5°	1253.5	801.6	676.0	623.1	584.9	572.6	568.9
45°	1025.7	701.9	621.8	582.4	546.7	533.2	531.9
47.5°	855.8	644.0	577.5	545.5	509.8	493.8	495.0
50°	731.4	591.0	540.6	513.5	472.8	458.1	459.3
52.5°	646.4	538.1	506.1	475.3	440.8	426.0	426.0
55°	580.0	495.0	472.8	439.6	412.5	398.9	397.7
57.5°	525.8	460.5	440.8	413.7	386.6	370.6	370.6
60°	492.5	435.9	419.9	395.3	363.2	346.0	344.8
62.5°	472.8	428.5	415.0	380.5	344.8	327.5	323.8
65°	458.1	445.7	428.5	371.9	330.0	311.5	307.8
67.5°	459.3	486.4	461.7	376.8	325.1	298.0	293.1
70°	466.7	518.4	485.1	387.9	346.0	291.8	280.7
72.5°	429.7	469.1	437.1	369.4	337.4	280.7	267.2
75°	358.3	342.3	314.0	300.4	302.9	254.9	250.0
77.5°	290.6	254.9	227.8	238.9	254.9	217.9	213.0
80°	252.4	206.9	193.3	211.8	231.5	185.9	173.6
82.5°	236.4	174.8	166.2	220.4	242.6	160.1	140.4
85°	208.1	142.8	130.5	259.8	242.6	120.7	112.1
87.5°	139.1	85.0	81.3	190.9	166.2	83.7	67.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)