

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: P158130

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158130
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
Description: VENTUS LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

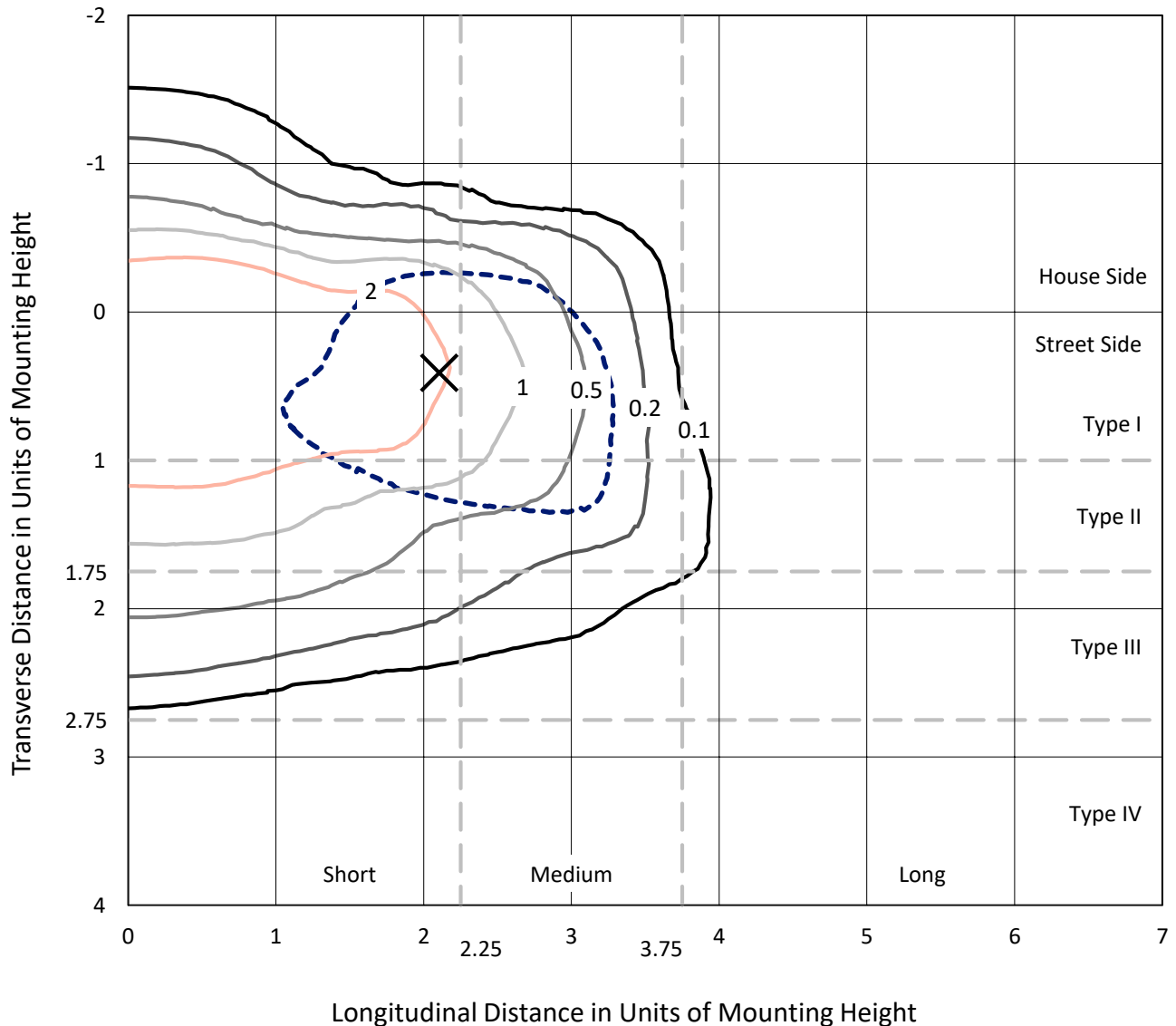
Lumens per Lamp: N/A
Luminaire Lumens: 18052.6 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

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

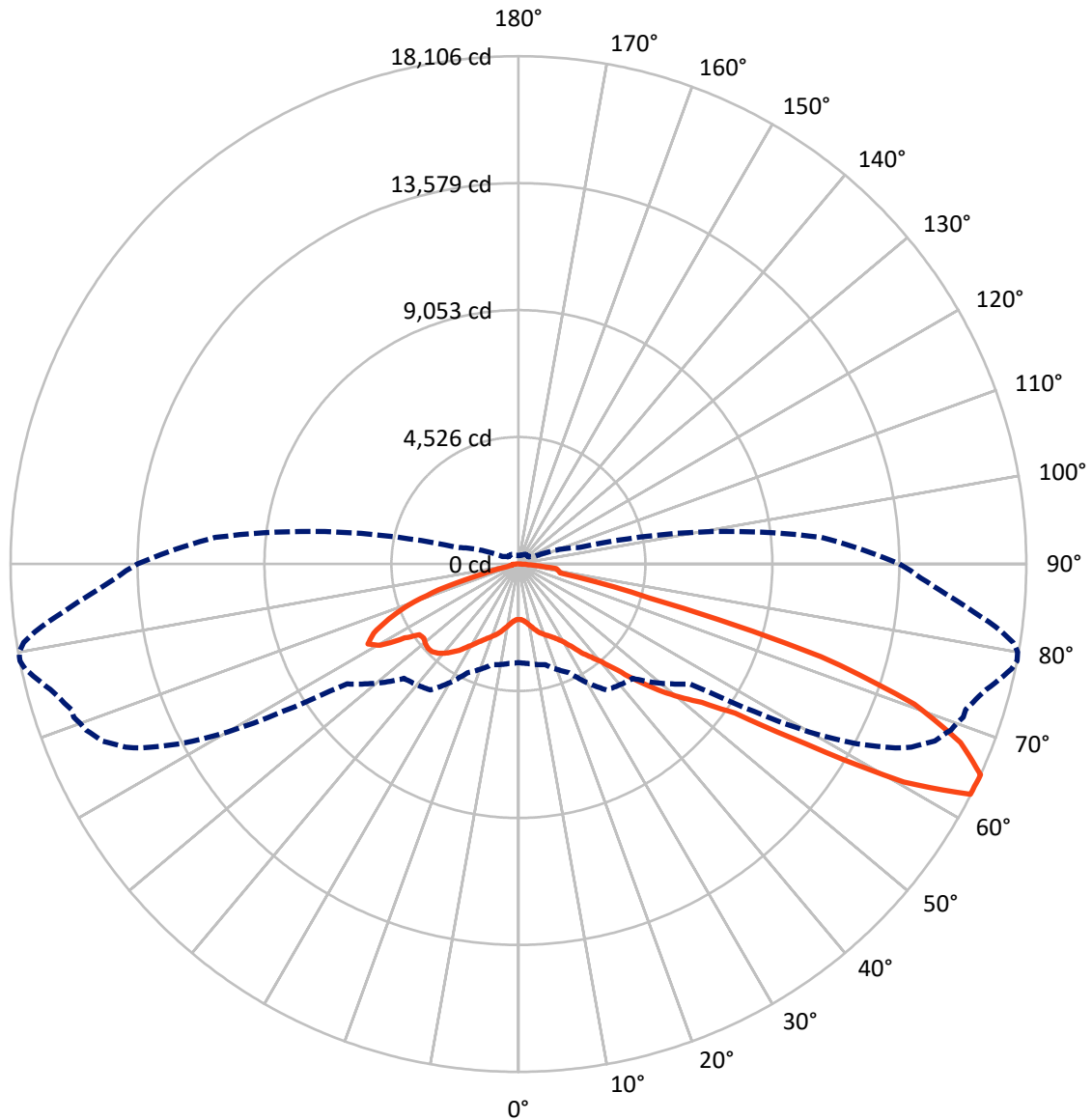
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 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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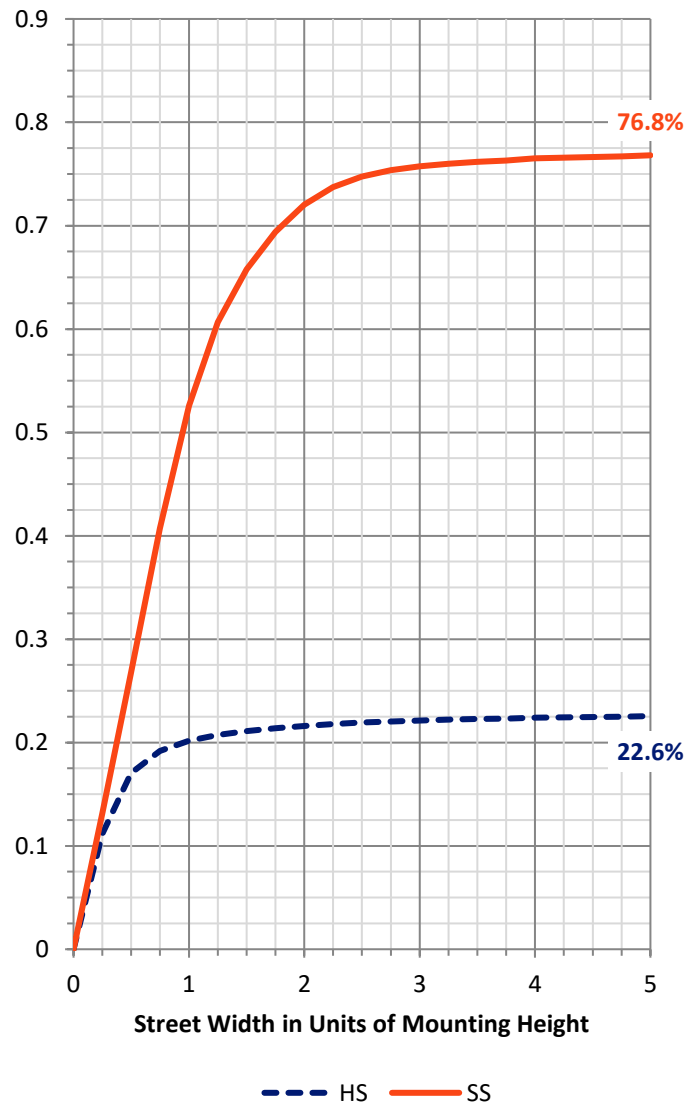
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4148.2	0.0	4148.2
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	13904.4	0.0	13904.4
	% Fixture	77.0	0.0	77.0
Total	Lumens	18052.6	0.0	18052.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.4	1.1
10°-20°	634.7	3.5
20°-30°	1094.1	6.1
30°-40°	1792.2	9.9
40°-50°	3001.3	16.6
50°-60°	4059.7	22.5
60°-70°	4999.5	27.7
70°-80°	1935.3	10.7
80°-90°	340.3	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°	18052.6	100.0
0°-180°	18052.6	100.0



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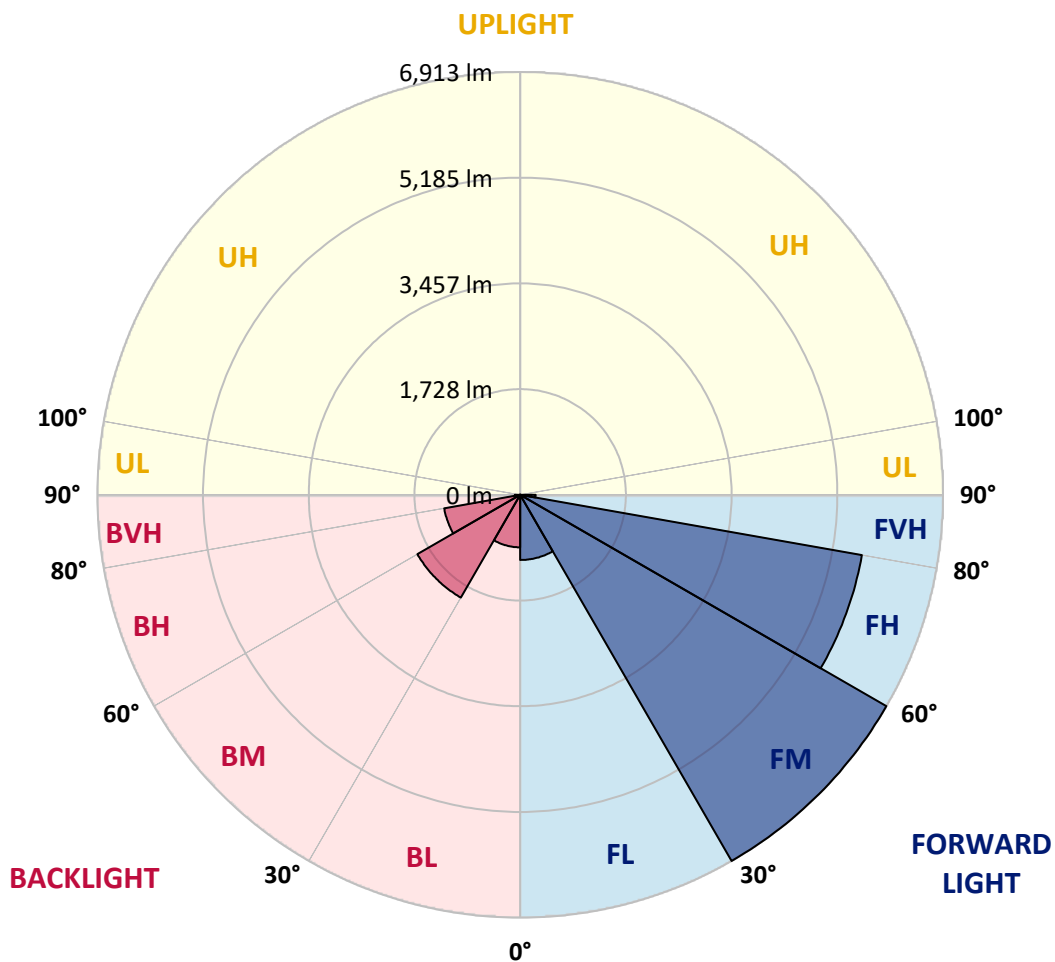
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1065.8	5.9			
FM (30°-60°)	6913.4	38.3			
FH (60°-80°)	5672.8	31.4			G3/7500
FVH (80°-90°)	252.5	1.4			G3/500
BL (0°-30°)	858.5	4.8	B2/1000		
BM (30°-60°)	1939.9	10.7	B2/2500		
BH (60°-80°)	1262.0	7.0	B3/2500		G3/2500
BVH (80°-90°)	87.8	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°	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2
2.5°	1978.8	1972.8	1978.8	1983.6	1987.2	1992.0	1990.8	1989.6	1988.4	1989.6	1989.6
5°	1995.6	1994.4	2000.4	2005.2	2013.6	2019.6	2026.8	2026.8	2026.8	2025.6	2028.0
7.5°	2049.6	2048.4	2054.4	2059.2	2066.4	2078.4	2088.0	2092.8	2091.6	2091.6	2091.6
10°	2138.4	2133.6	2133.6	2133.6	2143.2	2151.6	2173.2	2175.6	2180.4	2178.0	2179.2
12.5°	2224.8	2226.0	2222.4	2218.8	2220.0	2236.8	2268.0	2274.0	2275.2	2278.8	2281.2
15°	2302.8	2301.6	2293.2	2284.8	2295.6	2324.4	2365.2	2376.0	2376.0	2383.2	2388.0
17.5°	2374.8	2372.4	2356.8	2342.4	2353.2	2402.4	2466.0	2473.2	2484.0	2487.6	2492.4
20°	2460.0	2455.2	2437.2	2398.8	2398.8	2466.0	2550.0	2557.2	2566.8	2569.2	2577.6
22.5°	2578.8	2566.8	2528.4	2458.8	2439.6	2517.6	2620.8	2624.4	2631.6	2641.2	2648.4
25°	2713.2	2715.6	2653.2	2532.0	2490.0	2571.6	2689.2	2695.2	2708.4	2715.6	2724.0
27.5°	2852.4	2856.0	2786.4	2635.2	2564.4	2646.0	2781.6	2788.8	2804.4	2812.8	2826.0
30°	3010.8	3015.6	2948.4	2796.0	2688.0	2755.2	2918.4	2937.6	2950.8	2961.6	2983.2
32.5°	3391.2	3362.4	3315.6	3153.6	2983.2	2978.4	3139.2	3160.8	3178.8	3201.6	3222.0
35°	3870.0	3888.0	3912.0	3802.8	3652.8	3543.6	3556.8	3544.8	3561.6	3595.2	3615.6
37.5°	4249.2	4288.8	4393.2	4464.0	4458.0	4436.4	4234.8	4234.8	4245.6	4227.6	4225.2
40°	4546.8	4572.0	4785.6	5060.4	5292.0	5406.0	5246.4	5223.6	5235.6	5143.2	5146.8
42.5°	4700.4	4737.6	5044.8	5527.2	5986.8	6352.8	6303.6	6288.0	6252.0	6229.2	6214.8
45°	4778.4	4822.8	5188.8	5851.2	6520.8	7086.0	7340.4	7338.0	7305.6	7279.2	7267.2
47.5°	4738.8	4777.2	5167.2	5949.6	6801.6	7558.8	8121.6	8156.4	8146.8	8185.2	8200.8
50°	4479.6	4528.8	4920.0	5737.2	6684.0	7744.8	8662.8	8727.6	8815.2	8870.4	8943.6
52.5°	4245.6	4286.4	4639.2	5392.8	6297.6	7593.6	8989.2	9122.4	9242.4	9355.2	9442.8
55°	4000.8	4041.6	4351.2	5035.2	5907.6	7147.2	9138.0	9332.4	9519.6	9710.4	9885.6
57.5°	3908.4	3951.6	4182.0	4758.0	5588.4	6704.4	9211.2	9530.4	9835.2	10159.2	10495.2
60°	4148.4	4186.8	4362.0	4765.2	5344.8	6261.6	9063.6	9565.2	10089.6	10623.6	11139.6
62.5°	4075.2	4095.6	4314.0	4939.2	5655.6	5824.8	8424.0	9086.4	9848.4	10630.8	11421.6
65°	3516.0	3555.6	3720.0	4269.6	5481.6	5766.0	7449.6	8115.6	9014.4	9939.6	10999.2
67.5°	2522.4	2467.2	2594.4	3075.6	4252.8	5756.4	6352.8	6846.0	7550.4	8259.6	9128.4
70°	1146.0	1119.6	1219.2	1599.6	2565.6	4549.2	5371.2	5538.0	5799.6	6277.2	6864.0
72.5°	452.4	451.2	516.0	661.2	1213.2	2928.0	4516.8	4612.8	4705.2	4912.8	5166.0
75°	296.4	296.4	315.6	356.4	597.6	1413.6	3820.8	3908.4	4050.0	4108.8	4216.8
77.5°	223.2	224.4	232.8	242.4	330.0	744.0	2696.4	3007.2	3247.2	3426.0	3556.8
80°	158.4	165.6	181.2	187.2	214.8	423.6	1524.0	1748.4	2019.6	2308.8	2672.4
82.5°	118.8	127.2	153.6	160.8	170.4	241.2	687.6	780.0	910.8	1180.8	1698.0
85°	55.2	61.2	105.6	115.2	123.6	139.2	349.2	390.0	442.8	484.8	565.2
87.5°	8.4	6.0	18.0	25.2	39.6	40.8	120.0	142.8	154.8	186.0	193.2
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°	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2
2.5°	1989.6	1990.8	1992.0	1989.6	1990.8	1990.8	1988.4	1987.2	1987.2	1987.2	1988.4
5°	2028.0	2030.4	2028.0	2029.2	2034.0	2032.8	2030.4	2029.2	2034.0	2035.2	2031.6
7.5°	2096.4	2097.6	2092.8	2098.8	2101.2	2102.4	2102.4	2104.8	2104.8	2108.4	2104.8
10°	2184.0	2184.0	2192.4	2191.2	2192.4	2194.8	2196.0	2200.8	2204.4	2204.4	2206.8
12.5°	2284.8	2286.0	2294.4	2295.6	2300.4	2301.6	2308.8	2304.0	2316.0	2316.0	2319.6
15°	2389.2	2397.6	2398.8	2410.8	2413.2	2414.4	2424.0	2424.0	2432.4	2433.6	2436.0
17.5°	2492.4	2499.6	2504.4	2514.0	2522.4	2526.0	2529.6	2536.8	2542.8	2545.2	2551.2
20°	2581.2	2588.4	2593.2	2602.8	2610.0	2616.0	2619.6	2628.0	2634.0	2636.4	2644.8
22.5°	2655.6	2660.4	2668.8	2682.0	2684.4	2691.6	2702.4	2708.4	2710.8	2718.0	2727.6
25°	2734.8	2742.0	2746.8	2758.8	2768.4	2780.4	2790.0	2799.6	2802.0	2811.6	2820.0
27.5°	2840.4	2847.6	2848.8	2872.8	2882.4	2899.2	2910.0	2924.4	2931.6	2940.0	2956.8
30°	2996.4	3013.2	3020.4	3048.0	3052.8	3072.0	3091.2	3096.0	3106.8	3108.0	3135.6
32.5°	3235.2	3259.2	3268.8	3297.6	3304.8	3322.8	3333.6	3358.8	3360.0	3372.0	3378.0
35°	3626.4	3620.4	3657.6	3664.8	3686.4	3702.0	3712.8	3712.8	3735.6	3736.8	3744.0
37.5°	4160.4	4148.4	4158.0	4114.8	4125.6	4106.4	4102.8	4107.6	4098.0	4100.4	4099.2
40°	5014.8	4960.8	4904.4	4771.2	4742.4	4687.2	4644.0	4609.2	4575.6	4539.6	4515.6
42.5°	6086.4	6008.4	5924.4	5710.8	5611.2	5504.4	5400.0	5340.0	5220.0	5146.8	5107.2
45°	7209.6	7118.4	7000.8	6823.2	6681.6	6567.6	6376.8	6286.8	6100.8	6008.4	5883.6
47.5°	8130.0	8131.2	8036.4	7856.4	7705.2	7629.6	7510.8	7336.8	7125.6	7006.8	6784.8
50°	8935.2	8934.0	8928.0	8820.0	8714.4	8631.6	8527.2	8370.0	8197.2	8062.8	7808.4
52.5°	9530.4	9609.6	9643.2	9642.0	9628.8	9590.4	9511.2	9375.6	9200.4	9124.8	8922.0
55°	10022.4	10195.2	10285.2	10482.0	10500.0	10563.6	10494.0	10495.2	10392.0	10399.2	10334.4
57.5°	10767.6	11083.2	11264.4	11700.0	11918.4	12182.4	12135.6	12356.4	12436.8	12538.8	12674.4
60°	11613.6	12202.8	12632.4	13498.8	13851.6	14278.8	14514.0	14764.8	14947.2	15134.4	15272.4
62.5°	12218.4	12992.4	13698.0	14932.8	15391.2	15841.2	16137.6	16441.2	16646.4	16780.8	16880.4
65°	11971.2	12826.8	13660.8	14955.6	15454.8	15781.2	16134.0	16309.2	16514.4	16626.0	16768.8
67.5°	10172.4	11030.4	11924.4	13452.0	13974.0	14425.2	14700.0	14926.8	15092.4	15234.0	15398.4
70°	7564.8	8503.2	9427.2	11102.4	11761.2	12412.8	12736.8	13017.6	13190.4	13333.2	13514.4
72.5°	5444.4	6032.4	6609.6	8485.2	9144.0	9986.4	10322.4	10634.4	10858.8	10851.6	11043.6
75°	4334.4	4573.2	4830.0	5798.4	6271.2	6981.6	7170.0	7345.2	7239.6	7036.8	7024.8
77.5°	3608.4	3706.8	3793.2	4096.8	4166.4	4335.6	4242.0	4144.8	3831.6	3567.6	3428.4
80°	2929.2	3123.6	3250.8	3466.8	3555.6	3606.0	3619.2	3585.6	3470.4	3310.8	3056.4
82.5°	2178.0	2547.6	2799.6	3224.4	3380.4	3412.8	3475.2	3436.8	3361.2	3231.6	3049.2
85°	638.4	722.4	828.0	1123.2	1316.4	1480.8	1648.8	1731.6	1783.2	1711.2	1522.8
87.5°	224.4	253.2	283.2	390.0	415.2	501.6	492.0	580.8	584.4	609.6	583.2
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2
2.5°	1987.2	1987.2	1987.2	1988.4	1988.4	1988.4	1986.0	1984.8	1986.0	1988.4	1988.4
5°	2034.0	2035.2	2037.6	2032.8	2034.0	2037.6	2035.2	2034.0	2035.2	2037.6	2035.2
7.5°	2109.6	2110.8	2108.4	2113.2	2113.2	2115.6	2119.2	2115.6	2116.8	2118.0	2119.2
10°	2208.0	2209.2	2211.6	2215.2	2216.4	2218.8	2221.2	2224.8	2224.8	2222.4	2228.4
12.5°	2325.6	2324.4	2326.8	2331.6	2334.0	2337.6	2344.8	2344.8	2349.6	2348.4	2354.4
15°	2440.8	2446.8	2448.0	2456.4	2460.0	2466.0	2474.4	2479.2	2479.2	2486.4	2488.8
17.5°	2556.0	2560.8	2565.6	2572.8	2577.6	2581.2	2590.8	2596.8	2595.6	2608.8	2608.8
20°	2644.8	2654.4	2660.4	2665.2	2673.6	2679.6	2686.8	2694.0	2698.8	2707.2	2709.6
22.5°	2731.2	2737.2	2745.6	2751.6	2761.2	2768.4	2776.8	2782.8	2791.2	2802.0	2805.6
25°	2827.2	2836.8	2846.4	2854.8	2862.0	2870.4	2884.8	2898.0	2910.0	2919.6	2923.2
27.5°	2960.4	2971.2	2985.6	2991.6	3002.4	3009.6	3031.2	3048.0	3054.0	3070.8	3075.6
30°	3140.4	3152.4	3166.8	3174.0	3193.2	3202.8	3225.6	3243.6	3249.6	3270.0	3273.6
32.5°	3400.8	3408.0	3436.8	3435.6	3462.0	3489.6	3502.8	3517.2	3543.6	3554.4	3558.0
35°	3762.0	3778.8	3799.2	3798.0	3831.6	3847.2	3873.6	3889.2	3908.4	3907.2	3927.6
37.5°	4111.2	4117.2	4124.4	4140.0	4164.0	4185.6	4195.2	4210.8	4225.2	4246.8	4273.2
40°	4491.6	4506.0	4507.2	4515.6	4527.6	4555.2	4573.2	4590.0	4639.2	4670.4	4686.0
42.5°	5061.6	5058.0	5034.0	5049.6	5056.8	5098.8	5112.0	5163.6	5218.8	5284.8	5302.8
45°	5794.8	5746.8	5732.4	5726.4	5764.8	5786.4	5840.4	5936.4	5994.0	6056.4	6086.4
47.5°	6697.2	6547.2	6476.4	6460.8	6500.4	6592.8	6610.8	6705.6	6781.2	6826.8	6856.8
50°	7600.8	7483.2	7334.4	7284.0	7273.2	7358.4	7378.8	7458.0	7534.8	7548.0	7532.4
52.5°	8736.0	8544.0	8298.0	8209.2	8138.4	8144.4	8161.2	8194.8	8244.0	8223.6	8181.6
55°	10188.0	9969.6	9848.4	9680.4	9573.6	9554.4	9481.2	9380.4	9376.8	9390.0	9264.0
57.5°	12606.0	12514.8	12566.4	12548.4	12442.8	12506.4	12176.4	12082.8	12008.4	11878.8	11762.4
60°	15394.8	15488.4	15595.2	15841.2	15830.4	16077.6	15848.4	15790.8	15721.2	15321.6	15126.0
62.5°	17054.4	17091.6	17248.8	17478.0	17703.6	17940.0	18046.8	18084.0	17938.8	17612.4	17204.4
65°	16765.2	16929.6	17082.0	17280.0	17511.6	17748.0	17973.6	18105.6	18072.0	17856.0	17407.2
67.5°	15451.2	15624.0	15847.2	16054.8	16304.4	16509.6	16756.8	16999.2	17006.4	16898.4	16586.4
70°	13533.6	13734.0	13964.4	14080.8	14350.8	14536.8	14742.0	14982.0	15060.0	15073.2	14709.6
72.5°	11002.8	11086.8	11199.6	11138.4	11192.4	11311.2	11256.0	11275.2	10978.8	11034.0	10585.2
75°	6700.8	6624.0	6283.2	5972.4	5593.2	5301.6	5371.2	4814.4	4266.0	4238.4	3842.4
77.5°	3398.4	3276.0	3064.8	2845.2	2523.6	2155.2	1848.0	1516.8	1237.2	1077.6	925.2
80°	2894.4	2808.0	2691.6	2532.0	2298.0	2025.6	1705.2	1453.2	1219.2	975.6	781.2
82.5°	2769.6	2505.6	2336.4	2203.2	1950.0	1698.0	1522.8	1350.0	1184.4	1034.4	819.6
85°	1374.0	1215.6	1028.4	912.0	702.0	549.6	514.8	423.6	394.8	304.8	256.8
87.5°	462.0	378.0	282.0	237.6	189.6	154.8	152.4	135.6	134.4	122.4	112.8
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2
2.5°	1987.2	1989.6	1989.6	1987.2	1988.4	1986.0	1987.2	1988.4	1984.8	1983.6	1980.0
5°	2036.4	2035.2	2035.2	2036.4	2040.0	2041.2	2035.2	2037.6	2038.8	2032.8	2019.6
7.5°	2118.0	2118.0	2121.6	2120.4	2127.6	2125.2	2124.0	2124.0	2124.0	2112.0	2090.4
10°	2228.4	2228.4	2232.0	2236.8	2238.0	2235.6	2235.6	2236.8	2242.8	2218.8	2185.2
12.5°	2352.0	2358.0	2356.8	2356.8	2371.2	2367.6	2362.8	2367.6	2373.6	2340.0	2292.0
15°	2490.0	2493.6	2496.0	2504.4	2502.0	2510.4	2512.8	2510.4	2516.4	2473.2	2392.8
17.5°	2614.8	2622.0	2624.4	2634.0	2634.0	2635.2	2644.8	2641.2	2642.4	2593.2	2478.0
20°	2718.0	2725.2	2728.8	2739.6	2742.0	2746.8	2750.4	2752.8	2758.8	2700.0	2547.6
22.5°	2821.2	2827.2	2833.2	2840.4	2850.0	2856.0	2860.8	2863.2	2874.0	2805.6	2613.6
25°	2936.4	2949.6	2955.6	2967.6	2977.2	2986.8	2994.0	2995.2	3013.2	2928.0	2667.6
27.5°	3090.0	3108.0	3117.6	3136.8	3146.4	3156.0	3153.6	3168.0	3193.2	3068.4	2709.6
30°	3291.6	3314.4	3320.4	3339.6	3355.2	3364.8	3375.6	3387.6	3404.4	3224.4	2730.0
32.5°	3572.4	3607.2	3615.6	3626.4	3649.2	3666.0	3673.2	3692.4	3697.2	3372.0	2724.0
35°	3957.6	3942.0	3982.8	3992.4	4024.8	4038.0	4046.4	4071.6	4052.4	3532.8	2684.4
37.5°	4305.6	4300.8	4340.4	4362.0	4404.0	4394.4	4414.8	4431.6	4363.2	3646.8	2611.2
40°	4730.4	4724.4	4779.6	4786.8	4851.6	4837.2	4845.6	4858.8	4706.4	3726.0	2478.0
42.5°	5323.2	5325.6	5384.4	5391.6	5400.0	5426.4	5383.2	5385.6	5071.2	3747.6	2258.4
45°	6104.4	6146.4	6110.4	6111.6	6109.2	6058.8	6004.8	5941.2	5450.4	3673.2	1975.2
47.5°	6861.6	6832.8	6787.2	6745.2	6710.4	6631.2	6552.0	6444.0	5778.0	3496.8	1659.6
50°	7509.6	7444.8	7404.0	7287.6	7204.8	7101.6	6991.2	6867.6	6046.8	3242.4	1364.4
52.5°	8112.0	8044.8	7892.4	7771.2	7652.4	7515.6	7387.2	7242.0	6284.4	2952.0	1138.8
55°	9112.8	9054.0	8901.6	8679.6	8533.2	8344.8	8175.6	7978.8	6765.6	2716.8	990.0
57.5°	11442.0	11391.6	11071.2	10930.8	10737.6	10264.8	10195.2	9888.0	8055.6	2689.2	902.4
60°	14721.6	14505.6	14239.2	13855.2	13402.8	13246.8	12898.8	12489.6	10131.6	2764.8	831.6
62.5°	16735.2	16243.2	15852.0	15409.2	14992.8	14635.2	14254.8	13850.4	11193.6	2665.2	744.0
65°	16886.4	16308.0	15790.8	15271.2	14803.2	14358.0	13988.4	13584.0	10848.0	2290.8	630.0
67.5°	16053.6	15444.0	14880.0	14290.8	13818.0	13416.0	12945.6	12556.8	9873.6	1783.2	524.4
70°	14336.4	13801.2	13315.2	12680.4	12288.0	11798.4	11499.6	11013.6	8606.4	1215.6	433.2
72.5°	10326.0	9922.8	9764.4	9321.6	8808.0	8520.0	8382.0	7910.4	6360.0	754.8	354.0
75°	3488.4	3588.0	3360.0	3010.8	3181.2	2918.4	3025.2	2800.8	2690.4	433.2	297.6
77.5°	774.0	727.2	672.0	624.0	620.4	583.2	618.0	584.4	625.2	276.0	262.8
80°	610.8	482.4	410.4	374.4	355.2	344.4	336.0	326.4	297.6	235.2	242.4
82.5°	660.0	498.0	364.8	291.6	249.6	234.0	230.4	220.8	218.4	228.0	244.8
85°	211.2	176.4	150.0	141.6	130.8	124.8	122.4	118.8	144.0	248.4	235.2
87.5°	110.4	97.2	86.4	82.8	72.0	67.2	66.0	67.2	100.8	248.4	170.4
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2	1975.2
2.5°	1976.4	1975.2	1972.8	1971.6	1970.4	1964.4	1969.2
5°	2013.6	2001.6	1990.8	1977.6	1970.4	1964.4	1964.4
7.5°	2070.0	2036.4	2008.8	1978.8	1958.4	1942.8	1940.4
10°	2140.8	2076.0	2012.4	1958.4	1920.0	1891.2	1887.6
12.5°	2208.0	2109.6	2008.8	1920.0	1860.0	1819.2	1816.8
15°	2270.4	2127.6	1981.2	1850.4	1760.4	1706.4	1700.4
17.5°	2319.6	2116.8	1918.8	1753.2	1630.8	1567.2	1563.6
20°	2330.4	2073.6	1830.0	1633.2	1503.6	1436.4	1420.8
22.5°	2320.8	1995.6	1719.6	1501.2	1352.4	1285.2	1276.8
25°	2292.0	1900.8	1582.8	1347.6	1209.6	1141.2	1124.4
27.5°	2240.4	1789.2	1435.2	1198.8	1062.0	996.0	979.2
30°	2163.6	1654.8	1278.0	1059.6	918.0	865.2	848.4
32.5°	2056.8	1491.6	1123.2	916.8	799.2	757.2	750.0
35°	1909.2	1304.4	961.2	799.2	712.8	687.6	684.0
37.5°	1720.8	1117.2	825.6	715.2	652.8	637.2	634.8
40°	1474.8	925.2	729.6	655.2	609.6	596.4	594.0
42.5°	1221.6	781.2	658.8	607.2	570.0	558.0	554.4
45°	999.6	684.0	606.0	567.6	532.8	519.6	518.4
47.5°	834.0	627.6	562.8	531.6	496.8	481.2	482.4
50°	712.8	576.0	526.8	500.4	460.8	446.4	447.6
52.5°	630.0	524.4	493.2	463.2	429.6	415.2	415.2
55°	565.2	482.4	460.8	428.4	402.0	388.8	387.6
57.5°	512.4	448.8	429.6	403.2	376.8	361.2	361.2
60°	480.0	424.8	409.2	385.2	354.0	337.2	336.0
62.5°	460.8	417.6	404.4	370.8	336.0	319.2	315.6
65°	446.4	434.4	417.6	362.4	321.6	303.6	300.0
67.5°	447.6	474.0	450.0	367.2	316.8	290.4	285.6
70°	454.8	505.2	472.8	378.0	337.2	284.4	273.6
72.5°	418.8	457.2	426.0	360.0	328.8	273.6	260.4
75°	349.2	333.6	306.0	292.8	295.2	248.4	243.6
77.5°	283.2	248.4	222.0	232.8	248.4	212.4	207.6
80°	246.0	201.6	188.4	206.4	225.6	181.2	169.2
82.5°	230.4	170.4	162.0	214.8	236.4	156.0	136.8
85°	202.8	139.2	127.2	253.2	236.4	117.6	109.2
87.5°	135.6	82.8	79.2	186.0	162.0	81.6	66.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)