

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: P158264

Luminaire Tested: **VST-F08-LED-E-U-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158264
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: STREETWORKS
Catalog Number: VST-F08-LED-E-U-SL2-7030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18148.7 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 204.4
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: 28.75 FT



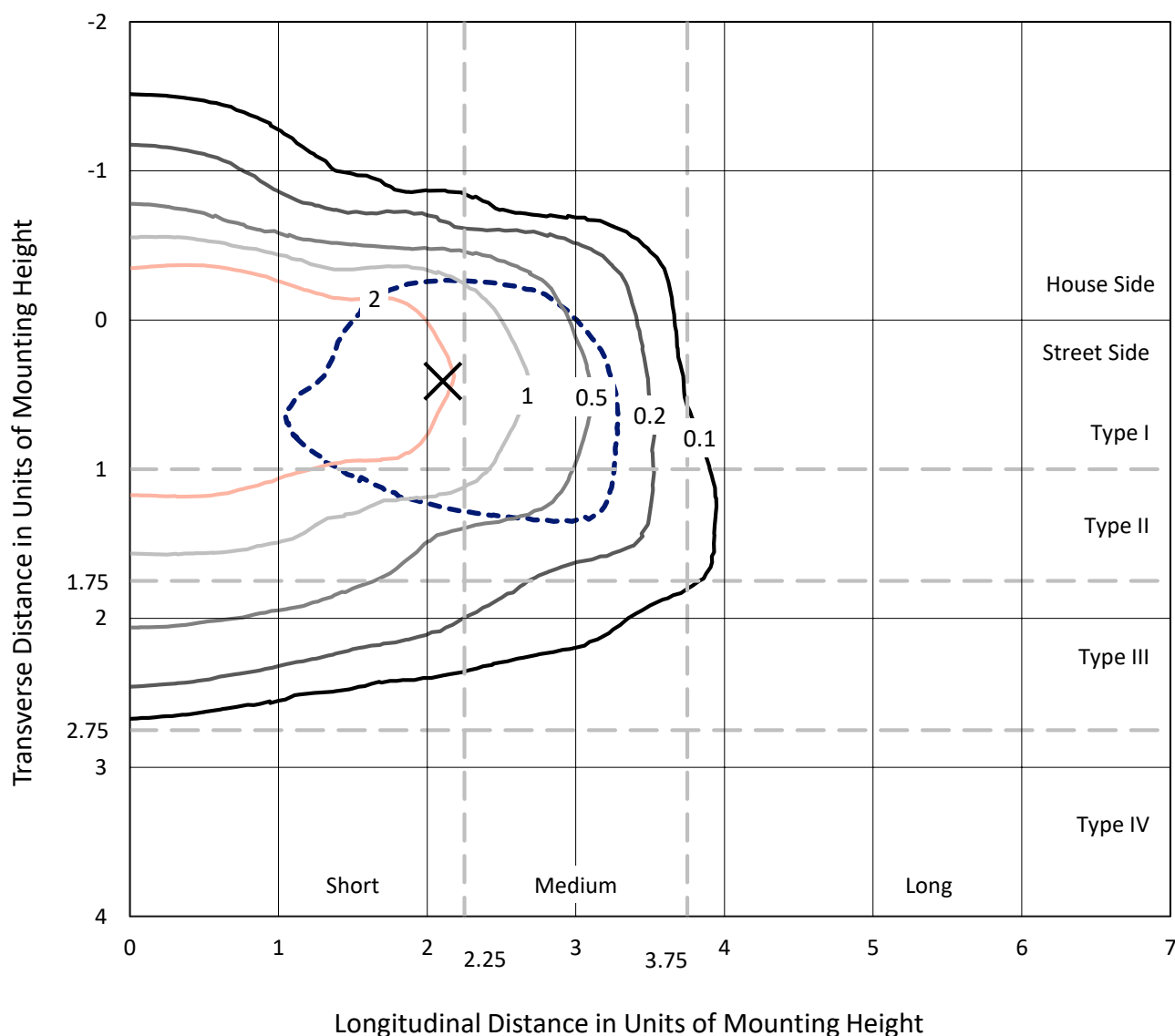
REPORT NUMBER: P158264

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

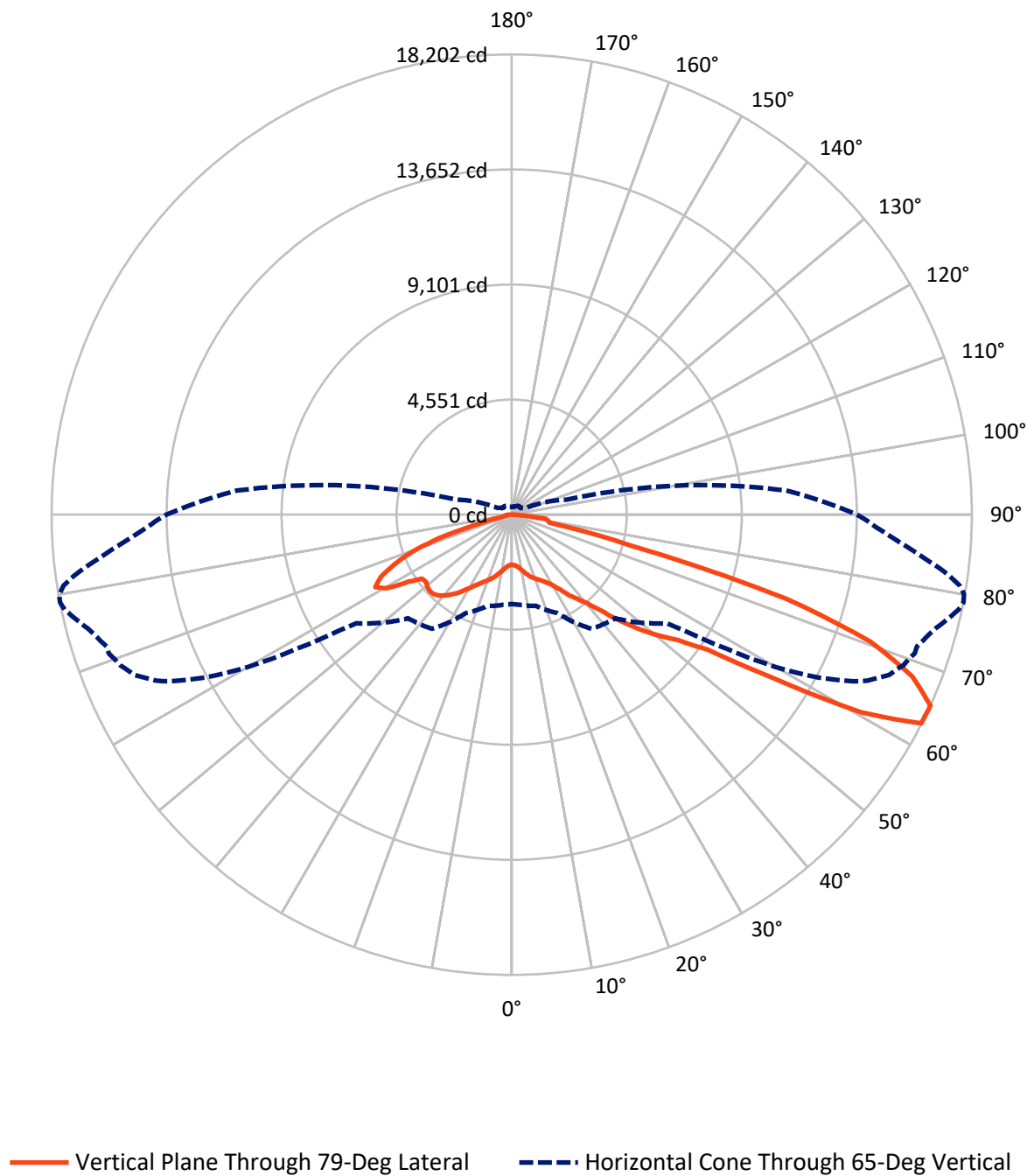


Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4170.2	0.0	4170.2
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	13978.5	0.0	13978.5
	% Fixture	77.0	0.0	77.0
Total	Lumens	18148.7	0.0	18148.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.5	1.1
10°-20°	638.1	3.5
20°-30°	1100.0	6.1
30°-40°	1801.8	9.9
40°-50°	3017.3	16.6
50°-60°	4081.3	22.5
60°-70°	5026.1	27.7
70°-80°	1945.6	10.7
80°-90°	342.1	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°	18148.7	100.0
0°-180°	18148.7	100.0

Coefficient of Utilization



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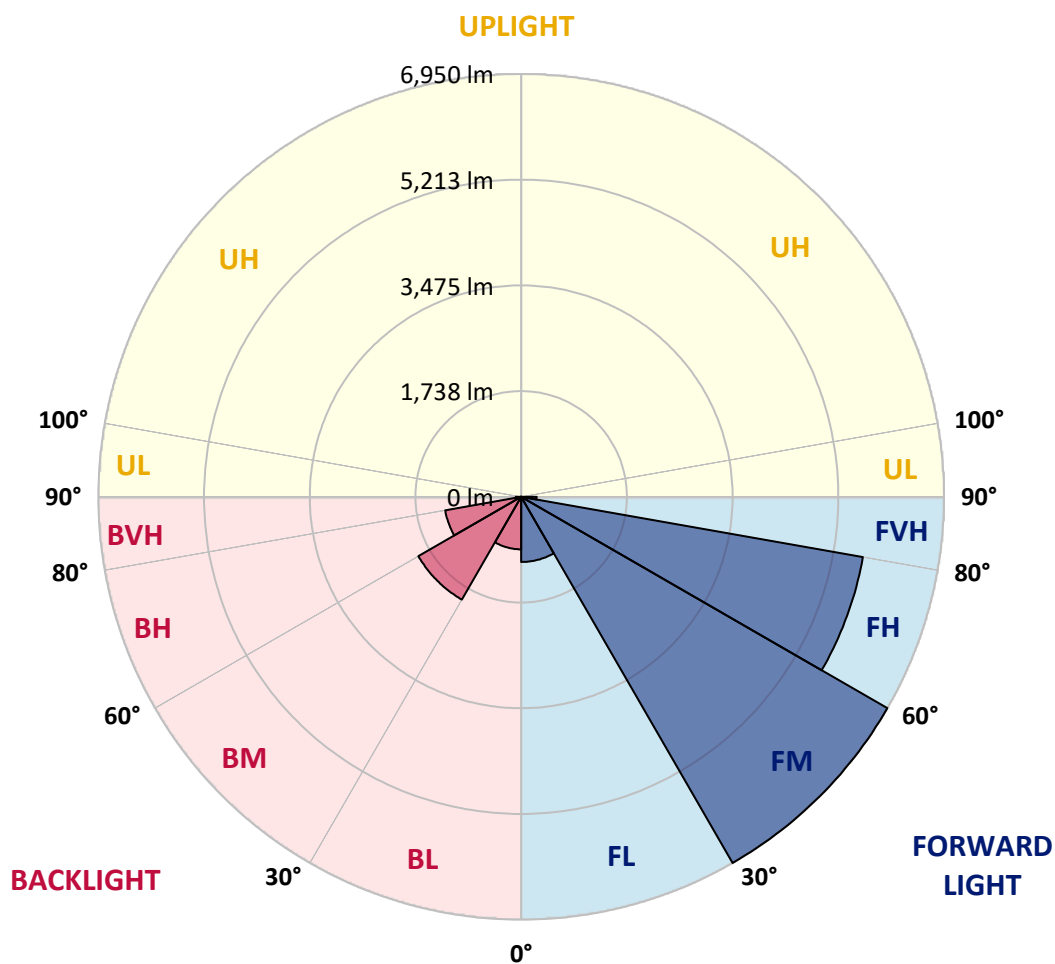
CATALOG NUMBER: VST-F08-LED-E-U-SL2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1071.5	5.9			
FM	(30°-60°)	6950.2	38.3			
FH	(60°-80°)	5703.0	31.4			G3/7500
FVH	(80°-90°)	253.9	1.4			G3/500
BL	(0°-30°)	863.0	4.8	B2/1000		
BM	(30°-60°)	1950.2	10.7	B2/2500		
BH	(60°-80°)	1268.7	7.0	B3/2500		G3/2500
BVH	(80°-90°)	88.3	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°	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7
2.5°	1989.3	1983.3	1989.3	1994.2	1997.8	2002.6	2001.4	2000.2	1999.0	2000.2	2000.2
5°	2006.2	2005.0	2011.1	2015.9	2024.3	2030.4	2037.6	2037.6	2037.6	2036.4	2038.8
7.5°	2060.5	2059.3	2065.3	2070.2	2077.4	2089.5	2099.1	2103.9	2102.7	2102.7	2102.7
10°	2149.8	2145.0	2145.0	2145.0	2154.6	2163.1	2184.8	2187.2	2192.0	2189.6	2190.8
12.5°	2236.6	2237.9	2234.2	2230.6	2231.8	2248.7	2280.1	2286.1	2287.3	2290.9	2293.3
15°	2315.1	2313.9	2305.4	2297.0	2307.8	2336.8	2377.8	2388.7	2388.7	2395.9	2400.7
17.5°	2387.4	2385.0	2369.3	2354.9	2365.7	2415.2	2479.1	2486.4	2497.2	2500.8	2505.7
20°	2473.1	2468.3	2450.2	2411.6	2411.6	2479.1	2563.6	2570.8	2580.5	2582.9	2591.3
22.5°	2592.5	2580.5	2541.9	2471.9	2452.6	2531.0	2634.8	2638.4	2645.6	2655.3	2662.5
25°	2727.6	2730.1	2667.3	2545.5	2503.3	2585.3	2703.5	2709.6	2722.8	2730.1	2738.5
27.5°	2867.6	2871.2	2801.2	2649.2	2578.1	2660.1	2796.4	2803.6	2819.3	2827.8	2841.0
30°	3026.8	3031.7	2964.1	2810.9	2702.3	2769.9	2933.9	2953.2	2966.5	2977.4	2999.1
32.5°	3409.3	3380.3	3333.3	3170.4	2999.1	2994.3	3155.9	3177.6	3195.7	3218.6	3239.2
35°	3890.6	3908.7	3932.8	3823.0	3672.2	3562.5	3575.7	3563.7	3580.6	3614.3	3634.9
37.5°	4271.8	4311.6	4416.6	4487.8	4481.7	4460.0	4257.3	4257.3	4268.2	4250.1	4247.7
40°	4571.0	4596.3	4811.1	5087.3	5320.2	5434.8	5274.3	5251.4	5263.5	5170.6	5174.2
42.5°	4725.4	4762.8	5071.7	5556.6	6018.7	6386.6	6337.2	6321.5	6285.3	6262.4	6247.9
45°	4803.8	4848.5	5216.4	5882.4	6555.5	7123.7	7379.5	7377.1	7344.5	7318.0	7305.9
47.5°	4764.0	4802.6	5194.7	5981.3	6837.8	7599.0	8164.8	8199.8	8190.2	8228.8	8244.5
50°	4503.5	4552.9	4946.2	5767.7	6719.6	7786.0	8708.9	8774.1	8862.1	8917.6	8991.2
52.5°	4268.2	4309.2	4663.9	5421.5	6331.1	7634.0	9037.1	9171.0	9291.6	9405.0	9493.1
55°	4022.1	4063.1	4374.4	5062.0	5939.1	7185.3	9186.7	9382.1	9570.3	9762.1	9938.2
57.5°	3929.2	3972.6	4204.3	4783.3	5618.2	6740.1	9260.2	9581.1	9887.6	10213.3	10551.1
60°	4170.5	4209.1	4385.2	4790.6	5373.3	6294.9	9111.9	9616.1	10143.3	10680.2	11198.9
62.5°	4096.9	4117.4	4337.0	4965.5	5685.7	5855.8	8468.9	9134.8	9900.8	10687.4	11482.4
65°	3534.7	3574.5	3739.8	4292.3	5510.8	5796.7	7489.3	8158.8	9062.4	9992.5	11057.8
67.5°	2535.8	2480.3	2608.2	3092.0	4275.4	5787.1	6386.6	6882.5	7590.6	8303.6	9177.0
70°	1152.1	1125.6	1225.7	1608.1	2579.3	4573.4	5399.8	5567.5	5830.5	6310.6	6900.5
72.5°	454.8	453.6	518.7	664.7	1219.7	2943.6	4540.9	4637.4	4730.3	4939.0	5193.5
75°	298.0	298.0	317.3	358.3	600.8	1421.1	3841.1	3929.2	4071.6	4130.7	4239.3
77.5°	224.4	225.6	234.0	243.7	331.8	748.0	2710.8	3023.2	3264.5	3444.2	3575.7
80°	159.2	166.5	182.2	188.2	215.9	425.9	1532.1	1757.7	2030.4	2321.1	2686.6
82.5°	119.4	127.9	154.4	161.7	171.3	242.5	691.3	784.2	915.6	1187.1	1707.0
85°	55.5	61.5	106.2	115.8	124.3	139.9	351.1	392.1	445.2	487.4	568.2
87.5°	8.4	6.0	18.1	25.3	39.8	41.0	120.6	143.6	155.6	187.0	194.2
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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CATALOG NUMBER: VST-F08-LED-E-U-SL2-7030

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7
2.5°	2000.2	2001.4	2002.6	2000.2	2001.4	2001.4	1999.0	1997.8	1997.8	1997.8	1999.0
5°	2038.8	2041.2	2038.8	2040.0	2044.8	2043.6	2041.2	2040.0	2044.8	2046.0	2042.4
7.5°	2107.6	2108.8	2103.9	2110.0	2112.4	2113.6	2113.6	2116.0	2116.0	2119.6	2116.0
10°	2195.6	2195.6	2204.1	2202.9	2204.1	2206.5	2207.7	2212.5	2216.1	2216.1	2218.6
12.5°	2297.0	2298.2	2306.6	2307.8	2312.6	2313.9	2321.1	2316.3	2328.3	2328.3	2332.0
15°	2401.9	2410.4	2411.6	2423.6	2426.0	2427.3	2436.9	2436.9	2445.4	2446.6	2449.0
17.5°	2505.7	2512.9	2517.7	2527.4	2535.8	2539.5	2543.1	2550.3	2556.3	2558.8	2564.8
20°	2594.9	2602.2	2607.0	2616.7	2623.9	2629.9	2633.5	2642.0	2648.0	2650.4	2658.9
22.5°	2669.7	2674.6	2683.0	2696.3	2698.7	2705.9	2716.8	2722.8	2725.2	2732.5	2742.1
25°	2749.4	2756.6	2761.4	2773.5	2783.1	2795.2	2804.9	2814.5	2816.9	2826.6	2835.0
27.5°	2855.5	2862.8	2864.0	2888.1	2897.7	2914.6	2925.5	2940.0	2947.2	2955.7	2972.5
30°	3012.4	3029.2	3036.5	3064.2	3069.1	3088.4	3107.7	3112.5	3123.3	3124.5	3152.3
32.5°	3252.4	3276.6	3286.2	3315.2	3322.4	3340.5	3351.4	3376.7	3377.9	3390.0	3396.0
35°	3645.7	3639.7	3677.1	3684.3	3706.0	3721.7	3732.6	3732.6	3755.5	3756.7	3763.9
37.5°	4182.6	4170.5	4180.1	4136.7	4147.6	4128.3	4124.6	4129.5	4119.8	4122.2	4121.0
40°	5041.5	4987.2	4930.5	4796.6	4767.7	4712.2	4668.7	4633.7	4600.0	4563.8	4539.6
42.5°	6118.8	6040.4	5955.9	5741.2	5641.1	5533.7	5428.8	5368.4	5247.8	5174.2	5134.4
45°	7248.0	7156.3	7038.1	6859.5	6717.2	6602.6	6410.8	6320.3	6133.3	6040.4	5914.9
47.5°	8173.3	8174.5	8079.2	7898.2	7746.2	7670.2	7550.8	7375.9	7163.5	7044.1	6820.9
50°	8982.8	8981.6	8975.5	8867.0	8760.8	8677.6	8572.6	8414.6	8240.8	8105.7	7850.0
52.5°	9581.1	9660.8	9694.5	9693.3	9680.1	9641.5	9561.8	9425.5	9249.4	9173.4	8969.5
55°	10075.8	10249.5	10340.0	10537.8	10555.9	10619.8	10549.9	10551.1	10447.3	10454.6	10389.4
57.5°	10824.9	11142.2	11324.4	11762.3	11981.9	12247.3	12200.2	12422.2	12503.0	12605.6	12741.9
60°	11675.4	12267.8	12699.7	13570.7	13925.4	14354.8	14591.3	14843.4	15026.8	15215.0	15353.7
62.5°	12283.5	13061.6	13770.9	15012.3	15473.2	15925.5	16223.5	16528.7	16735.0	16870.2	16970.3
65°	12034.9	12895.1	13733.5	15035.2	15537.1	15865.2	16219.9	16396.0	16602.3	16714.5	16858.1
67.5°	10226.6	11089.1	11987.9	13523.6	14048.4	14502.0	14778.3	15006.3	15172.8	15315.1	15480.4
70°	7605.1	8548.5	9477.4	11161.5	11823.8	12478.9	12804.6	13086.9	13260.6	13404.2	13586.4
72.5°	5473.4	6064.5	6644.8	8530.4	9192.7	10039.6	10377.4	10691.0	10916.6	10909.4	11102.4
75°	4357.5	4597.6	4855.7	5829.3	6304.6	7018.8	7208.2	7384.3	7278.1	7074.3	7062.2
77.5°	3627.6	3726.5	3813.4	4118.6	4188.6	4358.7	4264.6	4166.9	3852.0	3586.6	3446.7
80°	2944.8	3140.2	3268.1	3485.3	3574.5	3625.2	3638.5	3604.7	3488.9	3328.4	3072.7
82.5°	2189.6	2561.2	2814.5	3241.6	3398.4	3431.0	3493.7	3455.1	3379.1	3248.8	3065.4
85°	641.8	726.2	832.4	1129.2	1323.4	1488.7	1657.6	1740.8	1792.7	1720.3	1530.9
87.5°	225.6	254.5	284.7	392.1	417.4	504.3	494.6	583.9	587.5	612.8	586.3
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7
2.5°	1997.8	1997.8	1997.8	1999.0	1999.0	1999.0	1996.6	1995.4	1996.6	1999.0	1999.0
5°	2044.8	2046.0	2048.4	2043.6	2044.8	2048.4	2046.0	2044.8	2046.0	2048.4	2046.0
7.5°	2120.8	2122.0	2119.6	2124.5	2124.5	2126.9	2130.5	2126.9	2128.1	2129.3	2130.5
10°	2219.8	2221.0	2223.4	2227.0	2228.2	2230.6	2233.0	2236.6	2236.6	2234.2	2240.3
12.5°	2338.0	2336.8	2339.2	2344.0	2346.4	2350.0	2357.3	2357.3	2362.1	2360.9	2366.9
15°	2453.8	2459.8	2461.0	2469.5	2473.1	2479.1	2487.6	2492.4	2492.4	2499.6	2502.1
17.5°	2569.6	2574.4	2579.3	2586.5	2591.3	2594.9	2604.6	2610.6	2609.4	2622.7	2622.7
20°	2658.9	2668.5	2674.6	2679.4	2687.8	2693.9	2701.1	2708.3	2713.2	2721.6	2724.0
22.5°	2745.7	2751.8	2760.2	2766.3	2775.9	2783.1	2791.6	2797.6	2806.1	2816.9	2820.5
25°	2842.3	2851.9	2861.6	2870.0	2877.2	2885.7	2900.2	2913.4	2925.5	2935.1	2938.8
27.5°	2976.2	2987.0	3001.5	3007.5	3018.4	3025.6	3047.3	3064.2	3070.3	3087.2	3092.0
30°	3157.1	3169.2	3183.7	3190.9	3210.2	3219.9	3242.8	3260.9	3266.9	3287.4	3291.0
32.5°	3418.9	3426.1	3455.1	3453.9	3480.4	3508.2	3521.5	3535.9	3562.5	3573.3	3576.9
35°	3782.0	3798.9	3819.4	3818.2	3852.0	3867.7	3894.2	3909.9	3929.2	3928.0	3948.5
37.5°	4133.1	4139.1	4146.4	4162.0	4186.2	4207.9	4217.5	4233.2	4247.7	4269.4	4296.0
40°	4515.5	4530.0	4531.2	4539.6	4551.7	4579.5	4597.6	4614.4	4663.9	4695.3	4711.0
42.5°	5088.6	5084.9	5060.8	5076.5	5083.7	5125.9	5139.2	5191.1	5246.6	5312.9	5331.0
45°	5825.7	5777.4	5762.9	5756.9	5795.5	5817.2	5871.5	5968.0	6025.9	6088.6	6118.8
47.5°	6732.9	6582.1	6510.9	6495.2	6535.0	6627.9	6646.0	6741.3	6817.3	6863.2	6893.3
50°	7641.3	7523.0	7373.5	7322.8	7311.9	7397.6	7418.1	7497.7	7574.9	7588.2	7572.5
52.5°	8782.5	8589.5	8342.2	8252.9	8181.7	8187.8	8204.7	8238.4	8287.9	8267.4	8225.2
55°	10242.2	10022.7	9900.8	9731.9	9624.6	9605.3	9531.7	9430.3	9426.7	9440.0	9313.3
57.5°	12673.1	12581.4	12633.3	12615.2	12509.1	12573.0	12241.2	12147.1	12072.3	11942.1	11825.0
60°	15476.8	15570.9	15678.2	15925.5	15914.7	16163.2	15932.8	15874.9	15804.9	15403.2	15206.5
62.5°	17145.2	17182.6	17340.6	17571.1	17797.9	18035.5	18142.9	18180.3	18034.3	17706.2	17296.0
65°	16854.5	17019.7	17173.0	17372.0	17604.8	17842.5	18069.3	18202.0	18168.2	17951.1	17499.9
67.5°	15533.5	15707.2	15931.6	16140.3	16391.2	16597.5	16846.0	17089.7	17097.0	16988.4	16674.7
70°	13605.7	13807.1	14038.8	14155.8	14427.2	14614.2	14820.5	15061.8	15140.2	15153.5	14787.9
72.5°	11061.4	11145.8	11259.2	11197.7	11252.0	11371.4	11315.9	11335.2	11037.3	11092.8	10641.6
75°	6736.5	6659.3	6316.7	6004.2	5623.0	5329.8	5399.8	4840.0	4288.7	4261.0	3862.9
77.5°	3416.5	3293.4	3081.1	2860.3	2537.0	2166.7	1857.8	1524.9	1243.8	1083.3	930.1
80°	2909.8	2823.0	2705.9	2545.5	2310.2	2036.4	1714.3	1460.9	1225.7	980.8	785.4
82.5°	2784.3	2518.9	2348.8	2214.9	1960.4	1707.0	1530.9	1357.2	1190.7	1039.9	824.0
85°	1381.3	1222.1	1033.9	916.9	705.7	552.5	517.5	425.9	396.9	306.4	258.2
87.5°	464.5	380.0	283.5	238.9	190.6	155.6	153.2	136.3	135.1	123.1	113.4
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7
2.5°	1997.8	2000.2	2000.2	1997.8	1999.0	1996.6	1997.8	1999.0	1995.4	1994.2	1990.5
5°	2047.2	2046.0	2046.0	2047.2	2050.9	2052.1	2046.0	2048.4	2049.7	2043.6	2030.4
7.5°	2129.3	2129.3	2132.9	2131.7	2138.9	2136.5	2135.3	2135.3	2135.3	2123.2	2101.5
10°	2240.3	2240.3	2243.9	2248.7	2249.9	2247.5	2247.5	2248.7	2254.7	2230.6	2196.8
12.5°	2364.5	2370.6	2369.3	2369.3	2383.8	2380.2	2375.4	2380.2	2386.2	2352.5	2304.2
15°	2503.3	2506.9	2509.3	2517.7	2515.3	2523.8	2526.2	2523.8	2529.8	2486.4	2405.5
17.5°	2628.7	2636.0	2638.4	2648.0	2648.0	2649.2	2658.9	2655.3	2656.5	2607.0	2491.2
20°	2732.5	2739.7	2743.3	2754.2	2756.6	2761.4	2765.0	2767.5	2773.5	2714.4	2561.2
22.5°	2836.2	2842.3	2848.3	2855.5	2865.2	2871.2	2876.0	2878.4	2889.3	2820.5	2627.5
25°	2952.0	2965.3	2971.3	2983.4	2993.1	3002.7	3009.9	3011.1	3029.2	2943.6	2681.8
27.5°	3106.5	3124.5	3134.2	3153.5	3163.2	3172.8	3170.4	3184.9	3210.2	3084.7	2724.0
30°	3309.1	3332.0	3338.1	3357.4	3373.1	3382.7	3393.6	3405.6	3422.5	3241.6	2744.5
32.5°	3591.4	3626.4	3634.9	3645.7	3668.6	3685.5	3692.8	3712.1	3716.9	3390.0	2738.5
35°	3978.7	3963.0	4004.0	4013.7	4046.2	4059.5	4067.9	4093.3	4074.0	3551.6	2698.7
37.5°	4328.5	4323.7	4363.5	4385.2	4427.4	4417.8	4438.3	4455.2	4386.4	3666.2	2625.1
40°	4755.6	4749.6	4805.0	4812.3	4877.4	4863.0	4871.4	4884.7	4731.5	3745.8	2491.2
42.5°	5351.5	5354.0	5413.1	5420.3	5428.8	5455.3	5411.9	5414.3	5098.2	3767.6	2270.4
45°	6136.9	6179.1	6142.9	6144.1	6141.7	6091.1	6036.8	5972.8	5479.4	3692.8	1985.7
47.5°	6898.1	6869.2	6823.3	6781.1	6746.1	6666.5	6586.9	6478.3	5808.8	3515.4	1668.4
50°	7549.6	7484.4	7443.4	7326.4	7243.2	7139.4	7028.4	6904.2	6079.0	3259.7	1371.7
52.5°	8155.2	8087.6	7934.4	7812.6	7693.1	7555.6	7426.5	7280.6	6317.9	2967.7	1144.9
55°	9161.3	9102.2	8949.0	8725.8	8578.6	8389.2	8219.1	8021.3	6801.6	2731.3	995.3
57.5°	11502.9	11452.3	11130.2	10989.0	10794.8	10319.5	10249.5	9940.6	8098.5	2703.5	907.2
60°	14800.0	14582.8	14315.0	13929.0	13474.2	13317.3	12967.5	12556.1	10185.5	2779.5	836.0
62.5°	16824.3	16329.7	15936.4	15491.2	15072.6	14713.1	14330.7	13924.1	11253.2	2679.4	748.0
65°	16976.3	16394.8	15874.9	15352.5	14882.0	14434.5	14062.9	13656.3	10905.8	2303.0	633.4
67.5°	16139.1	15526.2	14959.2	14366.9	13891.6	13487.4	13014.5	12623.7	9926.2	1792.7	527.2
70°	14412.7	13874.7	13386.1	12747.9	12353.4	11861.2	11560.8	11072.2	8652.2	1222.1	435.5
72.5°	10381.0	9975.6	9816.4	9371.2	8854.9	8565.4	8426.6	7952.5	6393.9	758.8	355.9
75°	3507.0	3607.1	3377.9	3026.8	3198.1	2933.9	3041.3	2815.7	2704.7	435.5	299.2
77.5°	778.1	731.1	675.6	627.3	623.7	586.3	621.3	587.5	628.5	277.5	264.2
80°	614.1	485.0	412.6	376.4	357.1	346.2	337.8	328.1	299.2	236.5	243.7
82.5°	663.5	500.7	366.7	293.2	250.9	235.2	231.6	222.0	219.6	229.2	246.1
85°	212.3	177.3	150.8	142.4	131.5	125.5	123.1	119.4	144.8	249.7	236.5
87.5°	111.0	97.7	86.9	83.2	72.4	67.6	66.4	67.6	101.3	249.7	171.3
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7	1985.7
2.5°	1986.9	1985.7	1983.3	1982.1	1980.9	1974.9	1979.7
5°	2024.3	2012.3	2001.4	1988.1	1980.9	1974.9	1974.9
7.5°	2081.0	2047.2	2019.5	1989.3	1968.8	1953.1	1950.7
10°	2152.2	2087.1	2023.1	1968.8	1930.2	1901.3	1897.7
12.5°	2219.8	2120.8	2019.5	1930.2	1869.9	1828.9	1826.5
15°	2282.5	2138.9	1991.7	1860.3	1769.8	1715.5	1709.5
17.5°	2332.0	2128.1	1929.0	1762.5	1639.5	1575.5	1571.9
20°	2342.8	2084.6	1839.7	1641.9	1511.6	1444.0	1428.4
22.5°	2333.2	2006.2	1728.8	1509.2	1359.6	1292.0	1283.6
25°	2304.2	1910.9	1591.2	1354.8	1216.0	1147.3	1130.4
27.5°	2252.3	1798.7	1442.8	1205.2	1067.7	1001.3	984.4
30°	2175.1	1663.6	1284.8	1065.2	922.9	869.8	852.9
32.5°	2067.8	1499.5	1129.2	921.7	803.5	761.2	754.0
35°	1919.4	1311.3	966.3	803.5	716.6	691.3	687.6
37.5°	1730.0	1123.1	830.0	719.0	656.3	640.6	638.2
40°	1482.7	930.1	733.5	658.7	612.8	599.6	597.2
42.5°	1228.1	785.4	662.3	610.4	573.0	561.0	557.4
45°	1004.9	687.6	609.2	570.6	535.6	522.4	521.2
47.5°	838.4	630.9	565.8	534.4	499.4	483.8	485.0
50°	716.6	579.1	529.6	503.1	463.3	448.8	450.0
52.5°	633.4	527.2	495.8	465.7	431.9	417.4	417.4
55°	568.2	485.0	463.3	430.7	404.1	390.9	389.7
57.5°	515.1	451.2	431.9	405.3	378.8	363.1	363.1
60°	482.6	427.1	411.4	387.3	355.9	339.0	337.8
62.5°	463.3	419.8	406.6	372.8	337.8	320.9	317.3
65°	448.8	436.7	419.8	364.3	323.3	305.2	301.6
67.5°	450.0	476.5	452.4	369.2	318.5	291.9	287.1
70°	457.2	507.9	475.3	380.0	339.0	285.9	275.1
72.5°	421.0	459.6	428.3	361.9	330.6	275.1	261.8
75°	351.1	335.4	307.6	294.4	296.8	249.7	244.9
77.5°	284.7	249.7	223.2	234.0	249.7	213.5	208.7
80°	247.3	202.7	189.4	207.5	226.8	182.2	170.1
82.5°	231.6	171.3	162.9	215.9	237.7	156.8	137.5
85°	203.9	139.9	127.9	254.5	237.7	118.2	109.8
87.5°	136.3	83.2	79.6	187.0	162.9	82.0	66.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)