

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: P189831

Luminaire Tested: **VERD-M-A0385-E-U-T3-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189831
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26224)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VERD-M-A0385-E-U-T3-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(3) 70 CRI, 4000K LEDS AT 85% STANDARD LUMENS AND TYPE III OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19380 lumens
Efficiency: N/A
Efficacy: 127.5 lumens/watt
Luminous Opening: Rectangular (W 1.35' x L: 1.58' x H: 0')
IES Classification: Type III - Medium - Semi-Cutoff
BUG Rating: B3 - U0 - G3

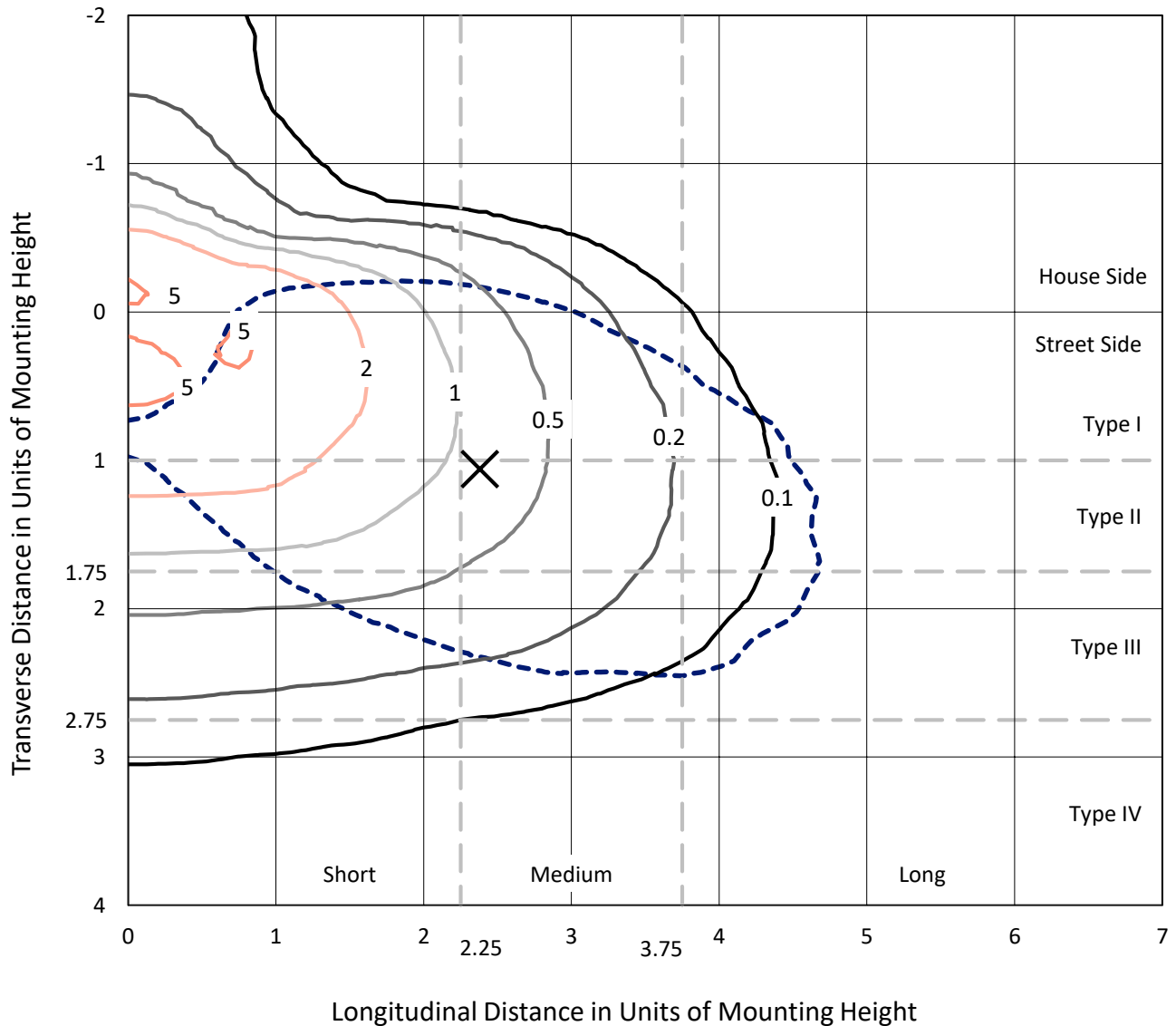
Input Watts (W): 152
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

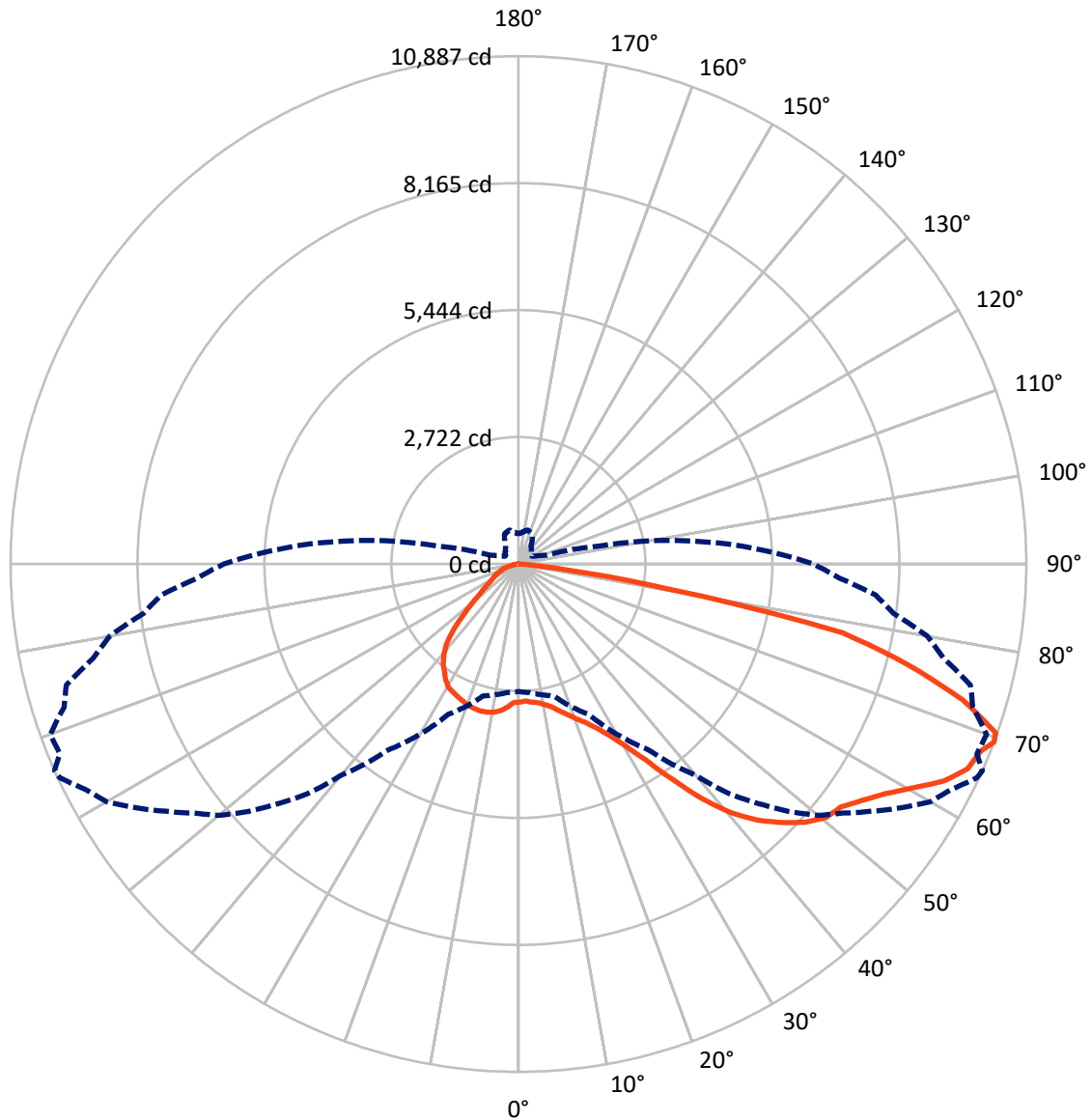
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.3 fc
 Type III - Medium - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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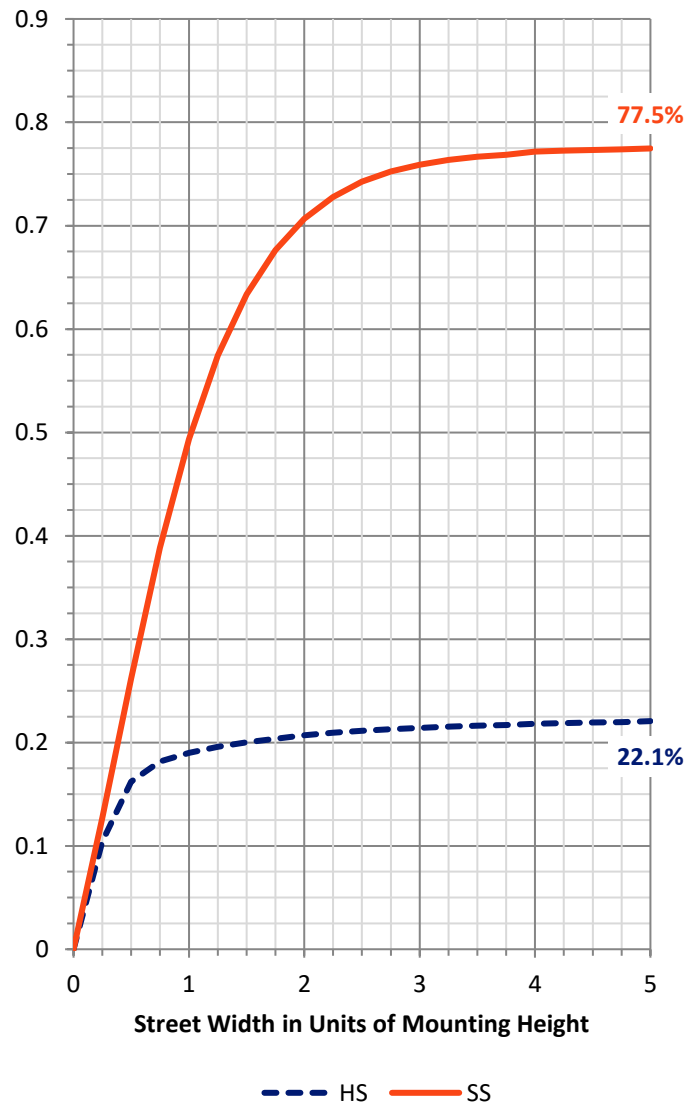
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4354.9	0.0	4354.9
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	15025.1	0.0	15025.1
	% Fixture	77.5	0.0	77.5
Total	Lumens	19380.0	0.0	19380.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.2	1.5
10°-20°	947.6	4.9
20°-30°	1623.0	8.4
30°-40°	2433.7	12.6
40°-50°	3311.3	17.1
50°-60°	3896.0	20.1
60°-70°	4091.2	21.1
70°-80°	2534.8	13.1
80°-90°	244.2	1.3
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°	19380.0	100.0
0°-180°	19380.0	100.0



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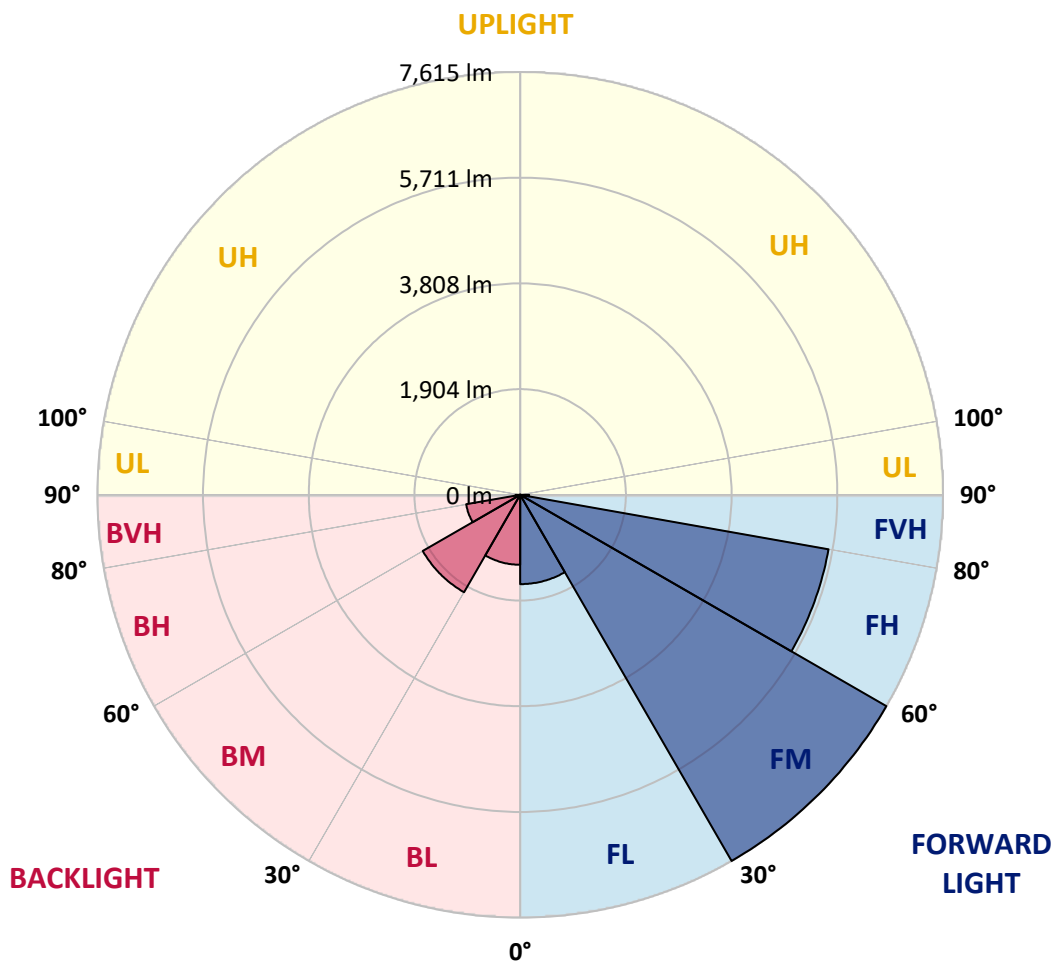
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1608.9	8.3			
FM (30°-60°)	7615.2	39.3			
FH (60°-80°)	5638.7	29.1			G3/7500
FVH (80°-90°)	162.3	0.8			G2/225
BL (0°-30°)	1259.9	6.5	B3/2500		
BM (30°-60°)	2025.8	10.5	B2/2500		
BH (60°-80°)	987.4	5.1	B2/1000		G2/1000
BVH (80°-90°)	81.9	0.4			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2
2.5°	3008.7	3008.7	2976.8	2971.7	2966.6	2951.3	2941.1	2941.1	2930.9	2941.1	2946.2
5°	3070.0	3054.7	3021.5	3018.9	3003.6	3003.6	3003.6	2987.0	2976.8	2971.7	2971.7
7.5°	3158.1	3140.2	3114.7	3091.7	3072.6	3059.8	3029.2	3054.7	3036.8	3034.3	3036.8
10°	3298.5	3285.7	3238.5	3233.4	3190.0	3174.7	3147.9	3147.9	3137.7	3132.5	3117.2
12.5°	3428.7	3423.6	3373.8	3363.6	3316.4	3293.4	3278.1	3273.0	3250.0	3242.3	3218.1
15°	3620.2	3597.2	3560.2	3542.3	3479.8	3464.4	3433.8	3408.3	3394.2	3386.6	3378.9
17.5°	3796.3	3783.6	3745.3	3715.9	3645.7	3625.3	3589.5	3584.4	3542.3	3527.0	3506.6
20°	3999.3	3977.6	3939.3	3926.5	3876.8	3823.1	3775.9	3775.9	3726.1	3682.7	3675.1
22.5°	4216.3	4193.3	4141.0	4133.3	4087.4	4060.6	3999.3	3977.6	3918.9	3884.4	3835.9
25°	4460.1	4429.5	4393.7	4382.2	4346.5	4331.2	4253.3	4243.1	4155.0	4123.1	4087.4
27.5°	4673.3	4686.1	4668.2	4655.4	4628.6	4600.5	4543.1	4543.1	4439.7	4424.4	4372.0
30°	4963.1	4942.6	4952.8	4945.2	4912.0	4906.9	4869.9	4864.8	4774.1	4781.8	4693.7
32.5°	5186.4	5191.6	5215.8	5220.9	5231.1	5238.8	5201.8	5166.0	5108.6	5145.6	5052.4
35°	5362.6	5362.6	5448.1	5563.0	5583.4	5663.9	5616.6	5601.3	5505.6	5591.1	5492.8
37.5°	5508.1	5515.8	5575.8	5721.3	5860.4	5954.9	5938.3	5970.2	5894.9	6032.8	5960.0
40°	5616.6	5619.2	5723.9	5900.0	6133.6	6265.1	6275.3	6322.5	6294.5	6468.1	6438.7
42.5°	5513.2	5528.6	5721.3	6066.0	6377.4	6545.9	6602.1	6711.9	6724.6	6928.9	6923.8
45°	5389.4	5409.8	5625.6	6126.0	6586.8	6805.1	6928.9	7111.4	7149.7	7385.9	7388.4
47.5°	5274.5	5309.0	5528.6	6081.3	6777.0	7059.1	7235.2	7458.6	7546.7	7753.5	7767.5
50°	5166.0	5196.7	5437.9	6048.1	6945.5	7292.7	7511.0	7775.2	7860.7	8059.9	8052.2
52.5°	4937.5	4974.5	5256.7	5935.8	7025.9	7406.3	7639.9	7878.6	8008.8	8230.9	8215.6
55°	4725.6	4771.6	5052.4	5801.7	7031.0	7428.0	7692.2	7925.8	8075.2	8324.1	8313.9
57.5°	4486.9	4504.8	4797.1	5591.1	6928.9	7365.4	7624.6	7925.8	8077.7	8371.3	8416.0
60°	4170.3	4218.9	4492.0	5303.9	6747.6	7260.8	7614.4	7966.7	8153.0	8532.2	8622.8
62.5°	3874.2	3901.0	4165.2	4963.1	6438.7	7028.4	7438.2	7878.6	8185.0	8599.8	8830.9
65°	3496.4	3539.8	3768.2	4512.5	5993.2	6591.9	7074.4	7619.5	8042.0	8522.0	8843.6
67.5°	3034.3	3067.4	3265.3	3957.2	5332.0	5917.9	6463.0	7152.3	7660.3	8153.0	8587.1
69°	2733.0	2767.5	2925.8	3552.5	4864.8	5404.7	5912.8	6674.9	7253.1	7848.0	8381.5
70°	2510.9	2528.8	2689.6	3257.6	4509.9	5030.7	5472.4	6275.3	6913.6	7655.2	8215.6
72.5°	1893.1	1918.6	2038.6	2473.9	3451.7	3926.5	4321.0	4969.4	5702.2	6608.5	7219.9
75°	1286.7	1284.2	1397.8	1664.6	2159.8	2468.8	2805.8	3396.8	4037.6	4839.2	5653.6
77.5°	425.1	435.3	505.5	751.9	972.7	1048.0	1094.0	1312.2	1838.2	2282.4	3140.2
80°	165.9	171.1	282.1	374.0	485.1	523.4	550.2	648.5	741.7	860.4	1099.1
82.5°	103.4	143.0	196.6	223.4	225.9	213.2	201.7	243.8	303.8	379.1	442.9
85°	67.7	90.6	90.6	95.7	95.7	88.1	67.7	98.3	135.3	150.6	181.3
87.5°	35.7	54.9	52.3	44.7	33.2	20.4	0.0	10.2	20.4	25.5	12.8
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):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2
2.5°	2946.2	2943.6	2915.5	2943.6	2925.8	2941.1	2941.1	2915.5	2948.7	2956.4	2964.0
5°	2966.6	2974.3	2961.5	2964.0	2961.5	2966.6	2974.3	2966.6	2981.9	2992.1	2981.9
7.5°	3013.8	3026.6	2987.0	3016.4	2981.9	2987.0	3001.1	2987.0	3021.5	3029.2	3018.9
10°	3096.8	3096.8	3086.6	3086.6	3064.9	3067.4	3062.3	3054.7	3064.9	3044.5	3072.6
12.5°	3179.8	3184.9	3153.0	3172.1	3142.8	3142.8	3137.7	3122.3	3137.7	3132.5	3132.5
15°	3318.9	3330.4	3288.3	3306.2	3273.0	3267.9	3265.3	3262.8	3255.1	3235.9	3262.8
17.5°	3469.5	3461.9	3433.8	3413.4	3386.6	3391.7	3389.1	3391.7	3376.4	3366.1	3381.5
20°	3625.3	3622.7	3594.6	3571.7	3547.4	3537.2	3539.8	3537.2	3521.9	3527.0	3529.5
22.5°	3833.4	3786.1	3791.2	3740.2	3723.6	3705.7	3692.9	3718.5	3682.7	3728.7	3692.9
25°	4072.1	4017.2	4035.0	3952.1	3936.7	3903.6	3897.2	3931.6	3901.0	3972.5	3934.2
27.5°	4341.4	4284.0	4289.1	4221.4	4195.9	4165.2	4165.2	4238.0	4193.3	4258.4	4185.7
30°	4683.5	4631.2	4673.3	4557.1	4559.7	4520.1	4525.2	4626.1	4564.8	4647.8	4562.2
32.5°	5098.4	5012.8	5077.9	4972.0	5010.3	4972.0	5000.1	5140.5	5077.9	5201.8	5049.9
35°	5550.3	5467.3	5591.1	5513.2	5601.3	5628.1	5656.2	5840.0	5804.3	5960.0	5837.5
37.5°	6083.8	6028.9	6141.3	6133.6	6302.1	6322.5	6367.2	6602.1	6558.7	6768.0	6611.0
40°	6623.8	6563.8	6762.9	6722.1	6945.5	6968.5	7011.9	7267.2	7189.3	7313.1	7129.3
42.5°	7094.8	7079.5	7214.8	7212.3	7433.1	7456.1	7502.0	7692.2	7599.0	7645.0	7471.4
45°	7577.3	7526.3	7687.1	7655.2	7893.9	7886.3	7906.7	8091.8	8003.7	7982.0	7813.5
47.5°	7904.1	7868.4	8039.4	8008.8	8252.6	8233.5	8270.5	8376.4	8265.4	8273.0	8102.0
50°	8215.6	8172.2	8324.1	8296.0	8490.0	8516.9	8544.9	8610.0	8474.7	8381.5	8243.7
52.5°	8381.5	8296.0	8423.7	8439.0	8620.3	8620.3	8653.4	8687.9	8625.4	8615.1	8493.9
55°	8444.1	8409.6	8527.1	8557.7	8811.7	8887.0	8941.9	8999.4	8970.0	8952.1	8806.6
57.5°	8589.6	8567.9	8781.1	8856.4	9128.3	9221.5	9281.5	9398.9	9341.5	9226.6	9045.3
60°	8906.2	8952.1	9206.2	9273.8	9615.9	9696.3	9738.5	9787.0	9758.9	9590.4	9367.0
62.5°	9118.1	9263.6	9575.1	9738.5	10093.3	10223.5	10244.0	10238.9	10124.0	9885.3	9650.4
65°	9185.7	9404.0	9824.0	10098.4	10445.7	10573.3	10581.0	10538.8	10450.8	10113.8	9864.8
67.5°	8989.2	9338.9	9824.0	10150.8	10518.4	10692.0	10694.6	10596.3	10586.1	10191.6	9995.0
69°	8770.9	9240.6	9725.7	10191.6	10461.0	10847.8	10887.3	10638.4	10679.3	10212.1	10033.3
70°	8656.0	9167.9	9693.8	10191.6	10518.4	10796.7	10855.4	10694.6	10630.7	10113.8	9896.8
72.5°	7770.1	8361.1	9097.7	9553.4	9776.8	9979.7	9958.0	9864.8	9799.7	9278.9	9090.0
75°	6312.3	6888.0	7572.2	8029.2	8246.2	8607.5	8633.0	8542.4	8589.6	8065.0	7930.9
77.5°	3889.5	4836.7	5555.4	6229.4	6452.7	7018.2	7108.9	7089.7	7191.8	6717.0	6571.5
80°	1281.6	1633.9	1970.9	2526.2	2448.3	3142.8	3280.6	3283.2	3474.7	2687.0	2979.4
82.5°	487.6	606.3	721.2	864.2	912.7	980.4	988.0	959.9	1045.5	933.1	922.9
85°	145.5	165.9	145.5	168.5	171.1	210.6	186.4	140.4	191.5	150.6	143.0
87.5°	10.2	15.3	15.3	33.2	0.0	33.2	20.4	15.3	15.3	20.4	17.9
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):

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2
2.5°	2961.5	2951.3	2956.4	2953.8	2956.4	2969.2	2961.5	2946.2	2951.3	2964.0	2946.2
5°	2987.0	2971.7	3003.6	2951.3	2981.9	2998.5	3003.6	3008.7	3008.7	3011.3	3034.3
7.5°	3018.9	2989.6	3018.9	3016.4	3034.3	3036.8	3057.2	3075.1	3096.8	3086.6	3107.0
10°	3070.0	3072.6	3081.5	3075.1	3091.7	3089.1	3122.3	3150.4	3174.7	3161.9	3164.5
12.5°	3184.9	3150.4	3179.8	3158.1	3179.8	3179.8	3195.1	3190.0	3230.8	3210.4	3195.1
15°	3298.5	3270.4	3293.4	3270.4	3288.3	3283.2	3275.5	3252.5	3283.2	3275.5	3267.9
17.5°	3423.6	3381.5	3413.4	3368.7	3381.5	3348.3	3318.9	3273.0	3308.7	3270.4	3252.5
20°	3547.4	3529.5	3527.0	3484.9	3464.4	3446.6	3371.3	3311.3	3325.3	3290.8	3235.9
22.5°	3698.0	3672.5	3657.2	3589.5	3567.8	3534.6	3441.5	3348.3	3325.3	3295.9	3247.4
25°	3921.4	3858.9	3843.6	3768.2	3750.4	3680.2	3532.1	3415.9	3381.5	3338.1	3262.8
27.5°	4185.7	4092.5	4067.0	3959.7	3947.0	3835.9	3687.8	3509.1	3428.7	3340.6	3278.1
30°	4553.3	4391.2	4382.2	4232.9	4216.3	4055.5	3846.1	3640.6	3527.0	3415.9	3303.6
32.5°	5118.8	4896.7	4917.1	4703.9	4683.5	4421.8	4067.0	3765.7	3604.9	3474.7	3293.4
35°	5985.5	5739.2	5716.2	5480.0	5420.0	5143.0	4670.7	4077.2	3770.8	3534.6	3298.5
37.5°	6613.6	6425.9	6369.8	6154.0	5928.1	5708.5	5166.0	4492.0	4133.3	3786.1	3371.3
40°	7059.1	6857.4	6732.3	6506.4	6327.6	6109.4	5536.2	4846.9	4424.4	4009.5	3527.0
42.5°	7401.2	7212.3	7074.4	6867.6	6685.1	6395.3	5769.8	4960.5	4522.7	4133.3	3542.3
45°	7717.8	7528.8	7380.8	7154.8	6955.7	6704.2	6011.1	5012.8	4512.5	4055.5	3469.5
47.5°	7992.2	7788.0	7577.3	7347.6	7126.7	6888.0	6169.4	5098.4	4460.1	3936.7	3225.7
50°	8112.2	7943.7	7765.0	7531.4	7287.6	7059.1	6275.3	5057.5	4253.3	3685.3	2909.2
52.5°	8350.9	8102.0	7899.0	7662.9	7396.1	7124.2	6257.4	4909.4	3947.0	3303.6	2521.1
55°	8620.3	8399.4	8117.3	7891.4	7556.9	7230.1	6314.9	4733.3	3677.6	3041.9	2235.2
57.5°	8853.9	8607.5	8267.9	8019.0	7619.5	7267.2	6187.2	4512.5	3433.8	2790.4	1991.4
60°	9082.3	8841.1	8459.4	8153.0	7676.9	7245.5	6063.4	4382.2	3257.6	2569.6	1696.5
62.5°	9289.1	9009.6	8501.5	8169.6	7587.6	7154.8	5900.0	4138.4	2951.3	2305.4	1390.1
65°	9419.3	9082.3	8459.4	8096.9	7453.5	7001.6	5628.1	3788.7	2614.3	1926.2	1088.9
67.5°	9419.3	9024.9	8293.5	7916.9	7152.3	6626.3	5118.8	3262.8	2116.4	1508.8	777.4
69°	9336.4	8894.7	8107.1	7689.7	6888.0	6314.9	4665.6	2870.9	1784.6	1198.6	617.8
70°	9226.6	8776.0	7893.9	7430.5	6649.3	6032.8	4336.3	2621.9	1561.2	990.6	565.5
72.5°	8454.3	8019.0	7028.4	6561.2	5706.0	5140.5	3534.6	1822.9	882.1	565.5	457.0
75°	7250.6	6900.8	5871.9	5412.4	4517.6	4014.6	2396.0	850.2	497.8	430.2	352.3
77.5°	5706.0	5349.8	4470.3	3947.0	3018.9	2533.9	970.1	454.4	374.0	298.7	233.6
80°	2292.6	2196.9	1353.1	1330.1	829.7	736.5	474.9	316.6	254.0	204.2	145.5
82.5°	751.9	734.0	617.8	568.0	467.2	442.9	316.6	220.8	165.9	135.3	83.0
85°	108.5	132.8	125.1	125.1	88.1	100.8	75.3	60.0	47.2	38.3	20.4
87.5°	0.0	7.7	5.1	12.8	10.2	15.3	20.4	20.4	5.1	20.4	0.0
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°
0°	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2	2960.2
2.5°	2974.3	2976.8	2969.2	2981.9	2987.0	2998.5	2998.5	3008.7	2998.5	3003.6	3041.9
5°	3064.9	3086.6	3075.1	3086.6	3101.9	3101.9	3124.9	3142.8	3132.5	3145.3	3215.5
7.5°	3132.5	3179.8	3164.5	3190.0	3192.5	3215.5	3205.3	3252.5	3233.4	3235.9	3298.5
10°	3202.8	3215.5	3228.3	3235.9	3242.3	3278.1	3257.6	3278.1	3285.7	3285.7	3335.5
12.5°	3220.6	3247.4	3250.0	3273.0	3244.9	3293.4	3267.9	3298.5	3280.6	3278.1	3311.3
15°	3260.2	3262.8	3244.9	3257.6	3252.5	3313.8	3280.6	3303.6	3260.2	3267.9	3290.8
17.5°	3238.5	3242.3	3235.9	3247.4	3228.3	3257.6	3220.6	3242.3	3207.9	3187.4	3184.9
20°	3260.2	3242.3	3195.1	3205.3	3184.9	3200.2	3158.1	3158.1	3112.1	3089.1	3013.8
22.5°	3230.8	3195.1	3158.1	3122.3	3094.3	3091.7	3052.1	3059.8	2979.4	2906.6	2816.0
25°	3218.1	3137.7	3117.2	3039.4	3034.3	2998.5	2920.6	2904.1	2828.7	2720.2	2599.0
27.5°	3235.9	3122.3	3059.8	2981.9	2925.8	2837.7	2785.3	2712.6	2619.4	2499.4	2290.1
30°	3207.9	3101.9	2998.5	2847.9	2800.7	2671.7	2586.2	2494.3	2401.1	2245.4	1986.2
32.5°	3187.4	3024.0	2873.4	2692.2	2616.8	2453.4	2378.1	2230.1	2136.9	1940.3	1613.5
35°	3107.0	2909.2	2727.9	2531.3	2425.4	2245.4	2121.6	1955.6	1825.4	1591.8	1236.9
37.5°	3084.0	2785.3	2606.6	2328.3	2186.7	1970.9	1833.1	1623.7	1493.5	1239.5	988.0
40°	3107.0	2660.2	2406.2	2089.6	1890.5	1639.0	1462.9	1249.7	1106.7	917.8	762.1
42.5°	3075.1	2484.1	2167.5	1757.7	1525.4	1229.3	1042.9	882.1	814.4	697.0	578.3
45°	2918.1	2255.6	1820.3	1327.6	1101.6	850.2	723.8	622.9	603.8	542.5	513.2
47.5°	2652.6	1882.8	1460.3	970.1	783.8	622.9	575.7	528.5	534.9	513.2	500.4
50°	2330.9	1571.4	1164.2	762.1	640.8	596.1	555.3	534.9	534.9	510.6	508.0
52.5°	1976.0	1259.9	920.4	628.0	562.9	534.9	502.9	508.0	480.0	464.6	464.6
55°	1704.1	1037.8	791.4	580.8	525.9	497.8	505.5	477.4	472.3	457.0	474.9
57.5°	1460.3	855.3	684.2	550.2	510.6	477.4	485.1	445.5	454.4	450.6	472.3
60°	1191.0	716.1	620.4	513.2	474.9	462.1	445.5	430.2	425.1	417.4	459.5
62.5°	947.2	633.1	565.5	482.5	440.4	420.0	414.9	420.0	412.3	420.0	464.6
65°	746.8	560.4	520.8	451.9	417.4	420.0	402.1	404.7	417.4	425.1	482.5
67.5°	608.9	477.4	450.6	394.4	376.6	357.4	367.6	384.2	389.3	399.5	485.1
69°	534.9	451.9	404.7	357.4	337.0	337.0	334.4	357.4	374.0	389.3	472.3
70°	490.2	384.2	386.8	326.8	308.9	301.3	324.2	331.9	344.7	384.2	482.5
72.5°	414.9	352.3	347.2	291.0	293.6	284.7	293.6	342.1	324.2	376.6	497.8
75°	308.9	269.3	264.2	238.7	236.2	243.8	254.0	274.4	298.7	337.0	459.5
77.5°	220.8	181.3	201.7	160.8	173.6	155.7	181.3	201.7	225.9	266.8	412.3
80°	145.5	125.1	140.4	103.4	118.7	108.5	137.9	145.5	132.8	186.4	308.9
82.5°	93.2	88.1	90.6	62.5	75.3	67.7	72.8	67.7	85.5	100.8	196.6
85°	23.0	20.4	44.7	35.7	20.4	25.5	28.1	47.2	44.7	47.2	75.3
87.5°	0.0	0.0	17.9	0.0	5.1	0.0	5.1	25.5	20.4	25.5	20.4
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):

	155°	165°	175°	180°
0°	2960.2	2960.2	2960.2	2960.2
2.5°	3081.5	3122.3	3112.1	3137.7
5°	3257.6	3311.3	3311.3	3345.7
7.5°	3330.4	3386.6	3386.6	3413.4
10°	3373.8	3433.8	3436.4	3469.5
12.5°	3327.9	3376.4	3386.6	3423.6
15°	3273.0	3283.2	3288.3	3313.8
17.5°	3132.5	3142.8	3147.9	3158.1
20°	2971.7	2956.4	2948.7	2966.6
22.5°	2759.8	2715.1	2687.0	2687.0
25°	2466.2	2443.2	2380.7	2370.5
27.5°	2142.0	2093.5	2043.7	2033.5
30°	1797.3	1729.7	1688.8	1706.7
32.5°	1402.9	1382.5	1382.5	1405.4
35°	1120.8	1146.3	1156.5	1171.8
37.5°	928.0	985.5	1005.9	1032.7
40°	718.7	796.5	864.2	907.6
42.5°	596.1	698.2	764.6	783.8
45°	568.0	661.2	721.2	726.3
47.5°	562.9	645.9	708.5	726.3
50°	565.5	668.9	723.8	731.4
52.5°	534.9	622.9	674.0	668.9
55°	560.4	643.4	668.9	668.9
57.5°	570.6	668.9	731.4	741.7
60°	593.6	786.3	852.7	855.3
62.5°	663.8	912.7	845.0	814.4
65°	781.2	975.3	864.2	819.5
67.5°	723.8	786.3	691.9	684.2
69°	703.4	754.4	671.4	648.5
70°	679.1	739.1	671.4	663.8
72.5°	686.8	751.9	585.9	550.2
75°	645.9	718.7	557.8	508.0
77.5°	611.4	676.5	550.2	502.9
80°	508.0	617.8	545.1	528.5
82.5°	349.8	487.6	472.3	502.9
85°	181.3	303.8	381.7	445.5
87.5°	60.0	121.3	178.7	201.7
90°	0.0	0.0	0.0	0.0

(END OF REPORT)