

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: P189791

Luminaire Tested: **VERD-M-A0385-E-U-T2-7030-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26223)
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-T2-7030-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(3) 70 CRI, 3000K LEDS AT 85% STANDARD LUMENS AND TYPE II OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18815 lumens
Efficiency: N/A
Efficacy: 123.8 lumens/watt
Luminous Opening: Rectangular (W 1.35' x L: 1.58' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

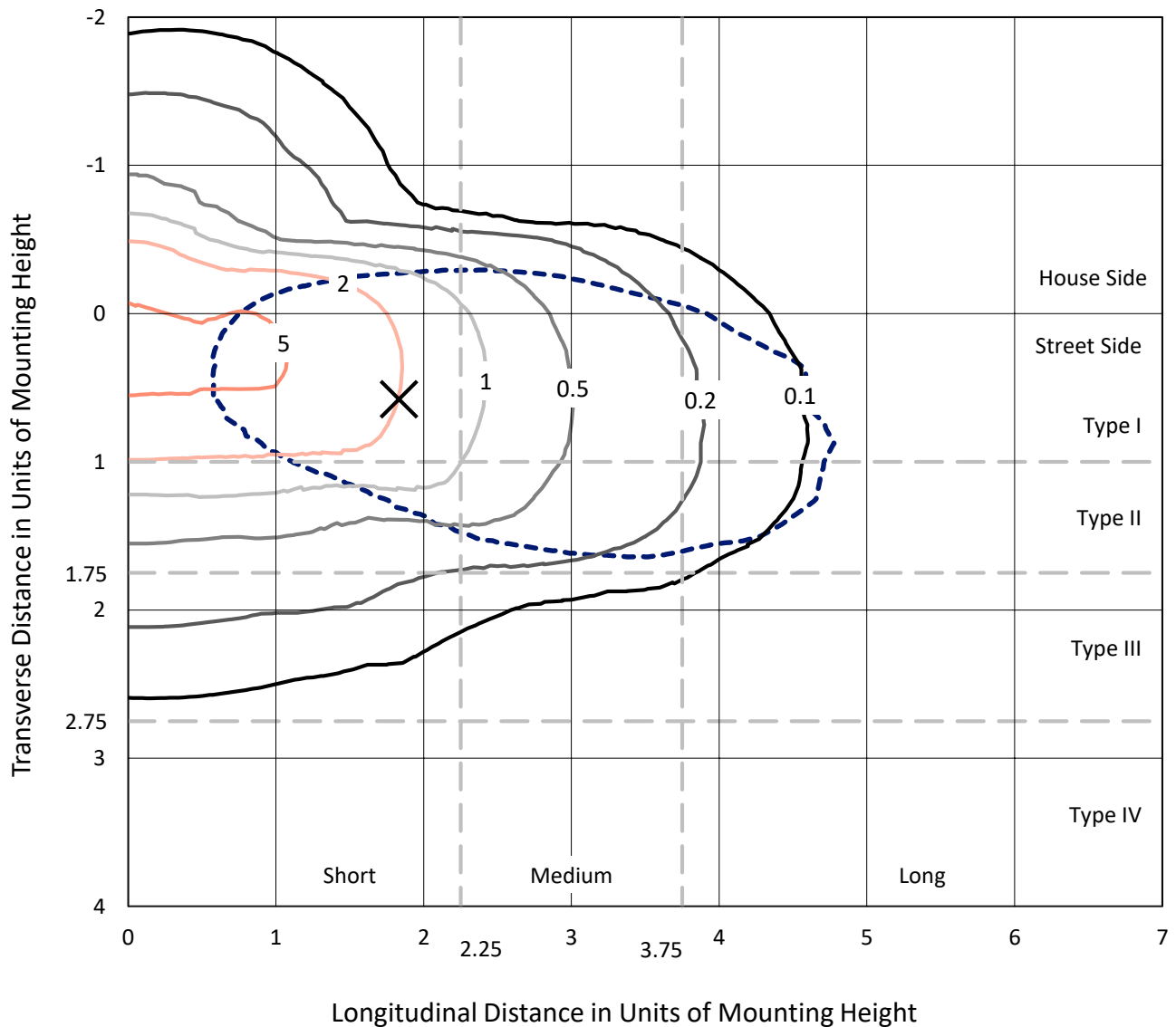
Input Watts (W): 152
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

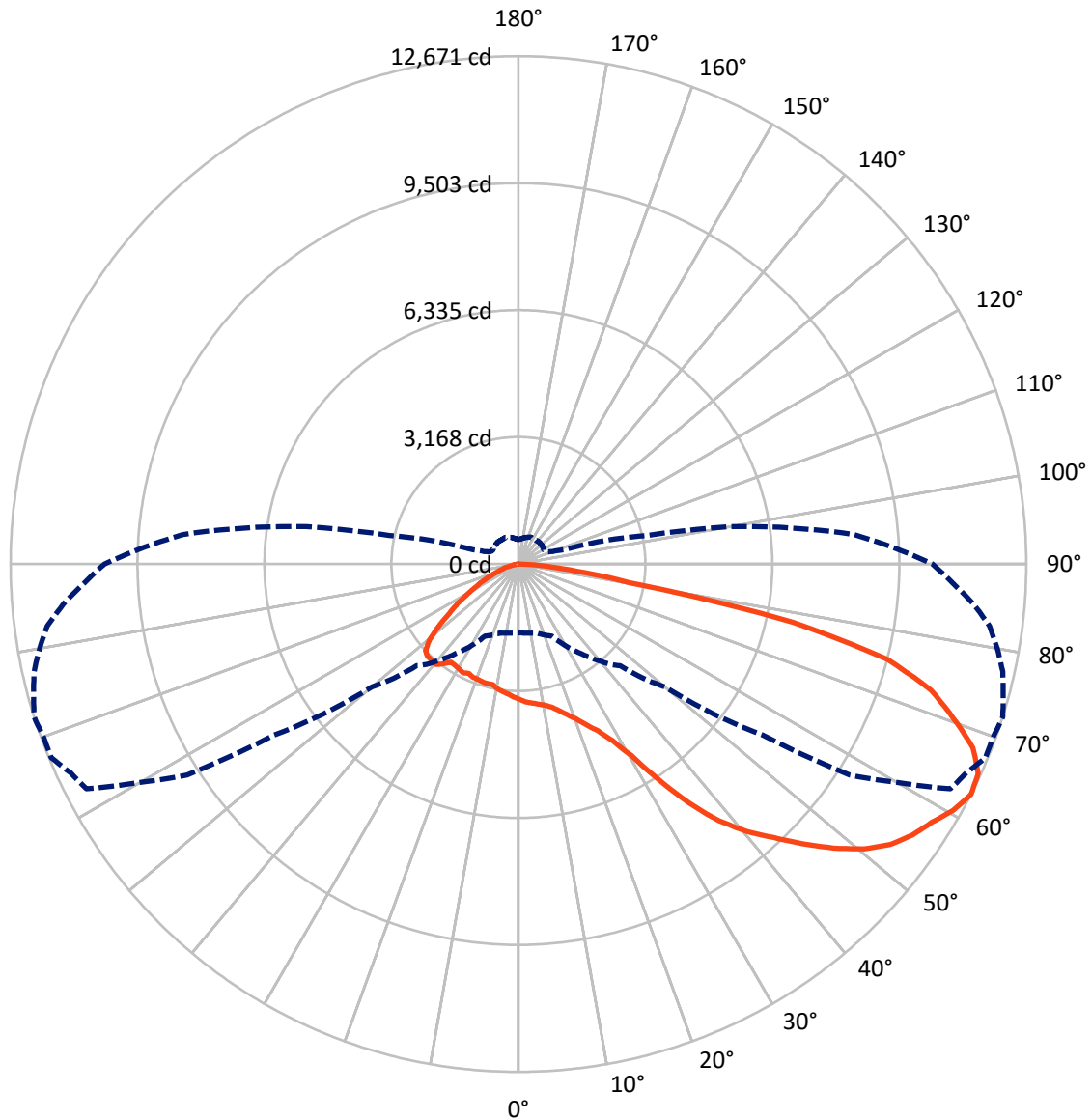
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 72.5-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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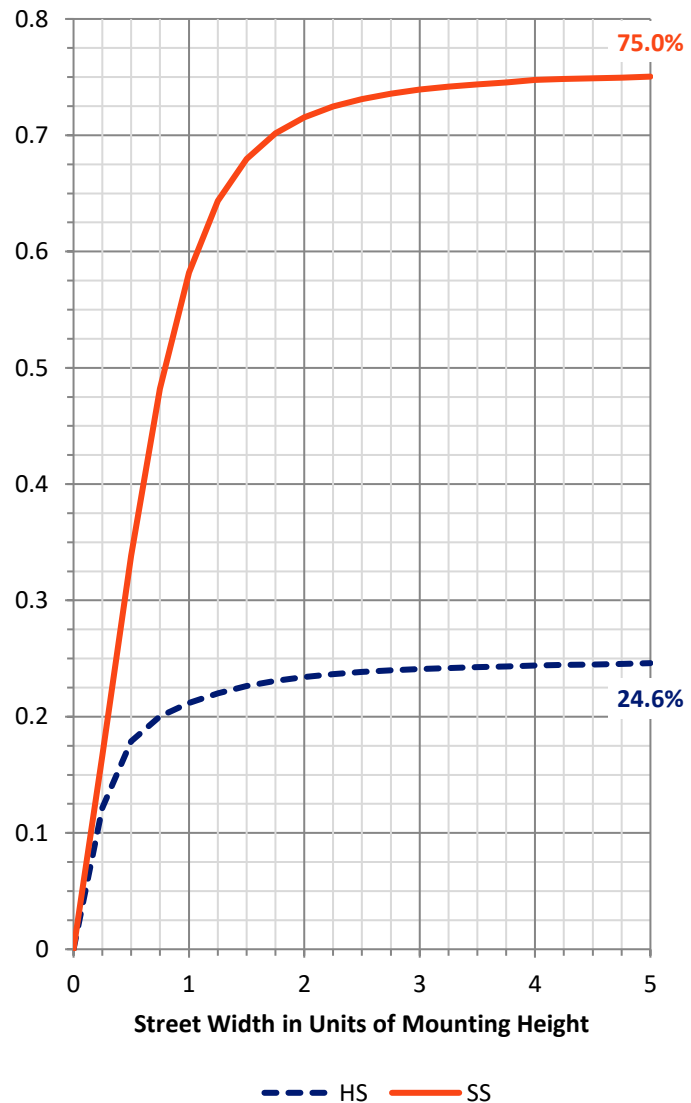
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4703.2	0.0	4703.2
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	14111.8	0.0	14111.8
	% Fixture	75.0	0.0	75.0
Total	Lumens	18815.0	0.0	18815.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.2	1.7
10°-20°	980.0	5.2
20°-30°	1647.9	8.8
30°-40°	2441.0	13.0
40°-50°	3297.4	17.5
50°-60°	3815.9	20.3
60°-70°	3732.0	19.8
70°-80°	2274.4	12.1
80°-90°	302.3	1.6
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°	18815.0	100.0
0°-180°	18815.0	100.0



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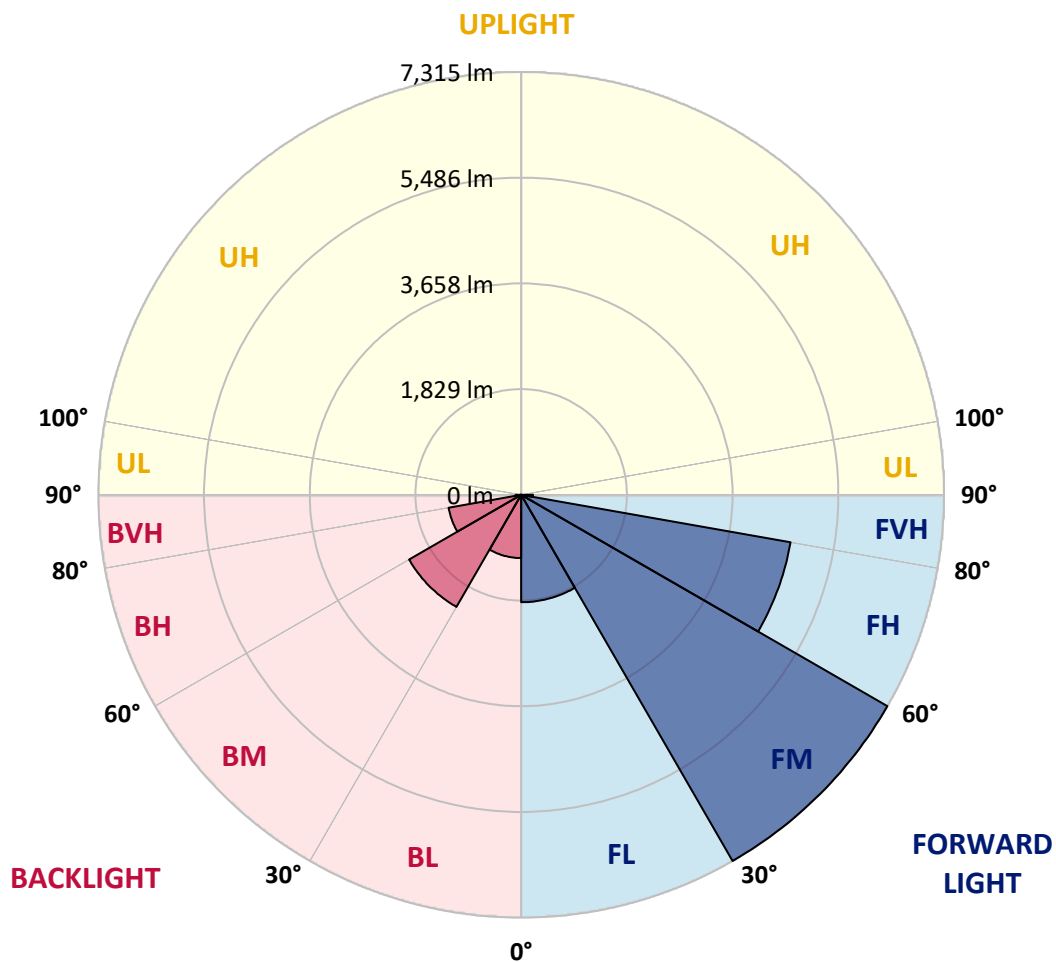
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1858.1	9.9			
FM	(30°-60°)	7315.1	38.9			
FH	(60°-80°)	4732.6	25.2			G2/5000
FVH	(80°-90°)	206.0	1.1			G2/225
BL	(0°-30°)	1093.9	5.8	B3/2500		
BM	(30°-60°)	2239.1	11.9	B2/2500		
BH	(60°-80°)	1273.9	6.8	B3/2500		G3/2500
BVH	(80°-90°)	96.4	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°	37.5°	40°	42.5°	45°	47.5°	50°
0°	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9
2.5°	3610.3	3598.1	3552.6	3535.5	3523.2	3540.4	3509.7	3504.8	3495.0	3509.7	3470.4
5°	3769.9	3767.4	3724.5	3709.7	3682.7	3685.2	3675.4	3649.6	3630.0	3625.1	3607.9
7.5°	3939.2	3903.6	3869.3	3854.5	3799.3	3804.2	3764.9	3774.8	3741.6	3739.2	3699.9
10°	4113.5	4096.3	4038.6	4016.5	3946.6	3944.1	3914.7	3898.7	3888.9	3844.7	3823.9
12.5°	4282.8	4258.3	4193.2	4173.6	4098.7	4098.7	4084.0	4058.2	4026.3	4004.2	3958.8
15°	4412.9	4403.1	4333.1	4311.0	4258.3	4228.8	4223.9	4198.1	4181.0	4163.8	4135.6
17.5°	4577.3	4567.5	4500.0	4473.0	4439.9	4427.6	4393.3	4372.4	4347.9	4303.7	4311.0
20°	4666.9	4659.6	4604.3	4582.2	4572.4	4572.4	4543.0	4512.3	4512.3	4482.8	4487.8
22.5°	4666.9	4681.6	4647.3	4689.0	4717.2	4732.0	4732.0	4707.4	4684.1	4671.8	4662.0
25°	4722.1	4717.2	4719.7	4779.8	4871.9	4886.6	4901.3	4911.1	4884.1	4876.8	4866.9
27.5°	4657.1	4662.0	4705.0	4859.6	5051.0	5111.2	5116.1	5140.6	5098.9	5155.3	5111.2
30°	4676.7	4684.1	4756.5	4954.1	5227.7	5319.8	5370.1	5389.7	5350.4	5420.4	5370.1
32.5°	4611.7	4620.3	4714.8	4976.2	5343.1	5505.1	5584.8	5654.8	5594.7	5724.7	5659.7
35°	4388.4	4405.5	4545.4	4893.9	5397.1	5604.5	5724.7	5799.6	5786.1	5993.5	5950.5
37.5°	4113.5	4130.6	4352.8	4777.4	5417.9	5684.2	5848.7	5998.4	6010.7	6242.6	6300.3
40°	3914.7	3941.7	4163.8	4627.6	5377.4	5739.5	5973.9	6177.6	6227.9	6597.3	6674.6
42.5°	3644.7	3680.3	3852.1	4367.5	5248.6	5659.7	5943.2	6213.1	6355.5	6815.7	6940.9
45°	3420.1	3448.3	3627.5	4098.7	5089.1	5534.5	5894.1	6262.2	6447.5	7020.6	7197.3
47.5°	3136.6	3168.5	3356.3	3784.6	4774.9	5285.4	5708.8	6162.8	6365.3	7080.8	7359.3
50°	2413.8	2450.7	3018.8	3542.8	4412.9	4971.3	5479.3	5959.1	6220.5	7080.8	7397.4
52.5°	2174.5	2204.0	2368.4	3286.4	4016.5	4543.0	5075.6	5649.9	5945.6	6921.2	7307.8
55°	2039.6	2046.9	2151.2	2755.0	3666.8	4058.2	4538.1	5140.6	5497.7	6581.3	7057.4
57.5°	1950.0	1964.7	2034.6	2346.3	3363.7	3649.6	4004.2	4447.3	4833.8	5938.3	6506.4
60°	1829.7	1855.5	1935.2	2148.8	3013.9	3255.7	3550.2	3884.0	4103.6	5060.8	5611.8
62.5°	1715.6	1727.9	1780.6	1984.3	2728.0	2941.5	3156.3	3395.6	3587.0	4217.8	4771.2
65°	1580.6	1597.8	1667.7	1855.5	2532.9	2752.5	2907.2	3076.5	3218.9	3729.4	4081.6
67.5°	1411.2	1457.9	1518.0	1684.9	2243.3	2498.5	2578.3	2723.1	2839.7	3196.8	3515.8
70°	1276.3	1278.7	1365.8	1495.9	1882.5	2179.4	2259.2	2339.0	2440.8	2707.1	2974.7
72.5°	1041.9	1079.9	1154.8	1254.2	1548.7	1824.8	1880.0	1959.8	2042.0	2179.4	2375.8
75°	877.4	908.1	959.6	1056.6	1259.1	1401.4	1561.0	1580.6	1628.5	1630.9	1783.1
77.5°	454.1	478.6	538.7	611.1	797.7	857.8	1032.0	1017.3	1049.2	987.9	1116.7
80°	130.1	196.3	374.3	423.4	498.2	508.0	533.8	503.1	495.8	493.3	551.0
82.5°	79.8	104.3	234.4	268.7	299.4	234.4	184.1	154.6	154.6	144.8	152.2
85°	55.2	72.4	79.8	106.8	99.4	79.8	79.8	79.8	79.8	55.2	74.9
87.5°	29.5	24.5	27.0	29.5	29.5	4.9	9.8	24.5	17.2	0.0	7.4
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):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9
2.5°	3465.5	3458.2	3445.9	3450.8	3415.2	3433.6	3429.9	3412.8	3445.9	3407.8	3405.4
5°	3584.6	3572.3	3525.7	3525.7	3480.2	3499.9	3465.5	3482.7	3480.2	3460.6	3415.2
7.5°	3704.8	3695.0	3634.9	3647.1	3584.6	3590.7	3535.5	3542.8	3530.6	3525.7	3470.4
10°	3784.6	3782.1	3750.2	3750.2	3690.1	3692.5	3630.0	3627.5	3579.6	3577.2	3555.1
12.5°	3929.4	3893.8	3864.3	3849.6	3809.1	3801.8	3739.2	3704.8	3659.4	3652.0	3644.7
15°	4098.7	4091.4	4058.2	4036.2	3994.4	3978.5	3909.8	3876.6	3794.4	3787.0	3769.9
17.5°	4263.2	4255.8	4217.8	4221.5	4168.7	4154.0	4093.8	4031.2	3953.9	3941.7	3919.6
20°	4458.3	4437.4	4427.6	4412.9	4367.5	4347.9	4263.2	4198.1	4128.2	4103.6	4014.1
22.5°	4652.2	4639.9	4647.3	4614.1	4606.8	4557.7	4517.2	4422.7	4357.7	4290.2	4203.0
25°	4896.4	4871.9	4871.9	4826.4	4826.4	4766.3	4732.0	4657.1	4611.7	4534.4	4473.0
27.5°	5150.4	5111.2	5150.4	5108.7	5121.0	5053.5	5060.8	4971.3	4986.0	4846.1	4806.8
30°	5459.7	5415.5	5469.5	5437.6	5524.7	5462.1	5565.2	5495.3	5539.4	5375.0	5360.3
32.5°	5799.6	5771.4	5918.6	5865.9	6073.3	6041.3	6252.4	6177.6	6392.3	6196.0	6237.7
35°	6143.2	6118.7	6426.7	6421.8	6766.6	6810.8	7199.8	7097.9	7320.1	7068.5	7040.3
37.5°	6566.6	6569.0	6935.9	7025.5	7554.4	7617.0	8023.2	7895.6	8122.6	7845.3	7878.4
40°	7030.4	7088.1	7539.7	7688.2	8347.2	8407.3	8850.3	8685.9	8775.5	8484.6	8476.0
42.5°	7409.6	7534.8	8093.2	8306.7	9045.4	9094.5	9418.5	9284.7	9324.0	9152.2	9024.6
45°	7833.0	8002.4	8690.8	8912.9	9678.7	9732.7	10082.4	9910.6	9957.2	9787.9	9648.0
47.5°	8137.3	8337.4	9209.9	9406.2	10281.2	10291.0	10660.4	10448.1	10590.5	10356.1	10251.8
50°	8361.9	8656.4	9698.3	9905.7	10844.5	10844.5	11213.9	10989.3	11174.6	10865.3	10860.4
52.5°	8461.3	8862.6	10067.7	10314.3	11409.0	11373.4	11728.0	11460.5	11622.5	11298.5	11238.4
55°	8357.0	8920.3	10351.2	10750.0	11847.1	11759.9	12052.0	11852.0	11931.7	11709.6	11532.9
57.5°	7972.9	8753.4	10515.6	11034.7	12176.0	12139.1	12296.2	12194.4	12161.2	12026.2	11817.6
60°	7199.8	8252.7	10426.0	11194.2	12281.5	12358.8	12560.1	12482.7	12465.6	12320.8	12126.9
62.5°	6162.8	7446.5	9797.7	10899.7	12146.5	12328.1	12615.3	12607.9	12670.5	12520.8	12376.0
65°	5260.9	6759.2	9354.7	10718.1	11817.6	12101.1	12480.3	12530.6	12605.5	12579.7	12455.7
67.5°	4393.3	5519.8	8492.0	10261.6	11638.5	11849.5	12042.2	12161.2	12231.2	12166.1	12042.2
70°	3584.6	4338.0	6900.4	8816.0	10466.5	10952.5	11233.5	11373.4	11508.4	11491.2	11228.6
72.5°	2677.7	3106.0	4477.9	6148.1	8391.4	9333.8	9807.5	10346.2	10770.8	10655.5	10456.7
75°	1904.6	2141.4	2742.7	3685.2	5300.1	7047.6	8506.7	9236.9	9514.2	9621.0	9200.1
77.5°	1121.6	1316.8	1605.1	2116.9	3117.0	3789.5	4662.0	6227.9	7001.0	7666.1	7380.2
80°	613.6	673.7	737.5	937.6	1321.7	1551.1	1810.1	2269.0	2782.0	3429.9	3760.0
82.5°	169.3	234.4	254.0	364.5	582.9	768.2	947.4	1251.7	1445.6	1672.6	1800.3
85°	69.9	89.6	60.1	116.6	234.4	381.6	428.3	620.9	683.5	812.4	807.5
87.5°	4.9	19.6	0.0	7.4	0.0	22.1	0.0	14.7	0.0	7.4	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):

	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°	110°
0°	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9
2.5°	3366.1	3385.8	3371.0	3375.9	3383.3	3345.3	3325.6	3315.8	3315.8	3320.7	3308.4
5°	3390.7	3390.7	3380.8	3350.2	3368.6	3330.5	3298.6	3265.5	3258.1	3255.7	3258.1
7.5°	3460.6	3429.9	3412.8	3380.8	3373.5	3306.0	3265.5	3226.2	3226.2	3206.6	3211.5
10°	3495.0	3470.4	3450.8	3380.8	3366.1	3308.4	3243.4	3221.3	3190.6	3156.3	3144.0
12.5°	3550.2	3515.8	3480.2	3415.2	3380.8	3298.6	3236.0	3175.9	3129.3	3071.6	3081.4
15°	3677.8	3615.2	3605.4	3520.7	3470.4	3353.8	3245.9	3180.8	3151.4	3081.4	3061.8
17.5°	3830.0	3760.0	3709.7	3625.1	3564.9	3407.8	3270.4	3175.9	3144.0	3071.6	3036.0
20°	3958.8	3903.6	3816.5	3719.5	3642.2	3455.7	3288.8	3206.6	3139.1	3047.1	2986.9
22.5°	4123.3	4058.2	3946.6	3888.9	3764.9	3560.0	3320.7	3206.6	3166.1	3042.1	2951.3
25°	4335.6	4238.6	4130.6	4019.0	3896.3	3632.4	3368.6	3270.4	3141.5	2996.7	2951.3
27.5°	4644.8	4527.0	4362.6	4233.7	4071.7	3739.2	3460.6	3286.4	3163.6	3047.1	2897.3
30°	5155.3	5075.6	4831.4	4681.6	4415.3	3924.5	3542.8	3356.3	3193.1	3006.6	2866.7
32.5°	5991.0	5894.1	5626.6	5420.4	5106.2	4512.3	3764.9	3465.5	3204.1	2982.0	2810.2
35°	6829.2	6621.8	6334.6	6187.4	5795.9	5108.7	4275.5	3809.1	3407.8	2972.2	2719.4
37.5°	7554.4	7329.9	7088.1	6747.0	6462.3	5572.6	4756.5	4223.9	3714.6	3117.0	2712.0
40°	8117.7	8082.1	7678.4	7448.9	7132.3	6223.0	5113.6	4632.6	3963.8	3245.9	2786.9
42.5°	8681.0	8596.3	8219.6	8002.4	7474.7	6616.9	5565.2	4597.0	4064.4	3226.2	2740.3
45°	9357.2	9139.9	8905.6	8427.0	8120.2	7020.6	5636.4	4886.6	4115.9	3231.1	2709.6
47.5°	9910.6	9608.7	9343.7	8915.4	8633.1	7526.2	5884.3	4836.3	4115.9	3171.0	2505.9
50°	10421.1	10232.1	9817.3	9493.4	9027.0	7806.0	6038.9	4866.9	4084.0	2907.2	2251.9
52.5°	10853.1	10705.8	10229.7	9892.2	9371.9	8028.1	6036.4	4797.0	3857.0	2523.1	1870.2
55°	11261.7	10999.1	10648.1	10152.4	9760.9	8252.7	6018.0	4487.8	3499.9	2114.4	1556.0
57.5°	11607.8	11318.2	10967.2	10450.6	10077.5	8402.4	5961.6	4248.5	3079.0	1800.3	1298.3
60°	11894.9	11653.2	11223.7	10735.3	10241.9	8461.3	5701.4	3734.3	2690.0	1455.4	1109.4
62.5°	12129.3	11856.9	11388.1	10844.5	10326.6	8407.3	5367.6	3291.3	2296.0	1186.7	910.6
65°	12218.9	11931.7	11483.8	10880.1	10239.5	8154.5	4871.9	2786.9	1884.9	971.9	785.4
67.5°	11861.8	11458.1	11094.8	10440.7	9780.5	7564.3	4393.3	2288.7	1445.6	717.9	657.8
70°	11049.4	10635.9	10293.5	9598.9	8895.7	6731.0	3847.2	1670.2	1039.4	578.0	565.7
72.5°	10286.1	9648.0	9263.9	8311.6	7753.2	5776.3	3033.6	1186.7	695.8	439.3	411.1
75°	9122.8	8461.3	8180.3	7284.5	6708.9	4611.7	2208.9	833.2	514.2	359.6	353.4
77.5°	7491.9	6616.9	6669.7	5793.5	5230.2	3318.3	1476.3	498.2	336.2	209.8	209.8
80°	4188.3	3714.6	3999.3	3465.5	3395.6	2083.7	845.5	284.7	200.0	104.3	84.7
82.5°	1957.3	1785.5	1945.1	1740.1	1684.9	1005.0	346.1	114.1	99.4	55.2	52.8
85°	915.5	747.3	792.8	662.7	676.2	304.3	87.1	9.8	45.4	34.4	34.4
87.5°	14.7	0.0	9.8	0.0	12.3	14.7	12.3	0.0	9.8	9.8	7.4
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):

	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°
0°	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9	3375.9
2.5°	3306.0	3303.5	3281.4	3279.0	3265.5	3265.5	3276.5	3248.3	3240.9	3253.2	3265.5
5°	3265.5	3250.8	3216.4	3218.9	3201.7	3201.7	3190.6	3163.6	3136.6	3148.9	3124.4
7.5°	3201.7	3171.0	3126.8	3121.9	3091.2	3091.2	3066.7	3049.5	3026.2	3001.7	2996.7
10°	3110.9	3096.1	3061.8	3042.1	3021.3	3001.7	2982.0	2953.8	2897.3	2885.1	2847.0
12.5°	3047.1	3039.7	2986.9	2948.9	2907.2	2874.0	2837.2	2810.2	2764.8	2712.0	2670.3
15°	3031.1	3001.7	2936.6	2917.0	2856.8	2827.4	2786.9	2737.8	2655.6	2605.3	2540.2
17.5°	2951.3	2939.1	2876.5	2859.3	2777.1	2740.3	2677.7	2634.7	2559.9	2482.6	2426.1
20°	2912.1	2861.8	2782.0	2757.4	2672.8	2632.3	2588.1	2518.1	2440.8	2341.4	2254.3
22.5°	2876.5	2802.8	2697.3	2672.8	2583.2	2545.1	2453.1	2408.9	2320.6	2181.9	2102.1
25°	2812.7	2723.1	2597.9	2552.5	2443.3	2397.9	2283.8	2231.0	2119.3	1994.1	1882.5
27.5°	2757.4	2680.1	2513.2	2435.9	2329.2	2251.9	2153.7	2073.9	1926.7	1764.7	1657.9
30°	2702.2	2559.9	2408.9	2310.8	2143.9	2069.0	1924.2	1860.4	1708.2	1535.2	1464.0
32.5°	2588.1	2455.6	2243.3	2136.5	1954.9	1872.7	1740.1	1615.0	1450.5	1346.2	1273.8
35°	2482.6	2329.2	2088.6	1952.4	1740.1	1657.9	1481.2	1396.5	1229.6	1152.3	1077.5
37.5°	2373.3	2186.8	1904.6	1767.1	1495.9	1430.9	1286.1	1221.0	1102.0	979.3	944.9
40°	2283.8	2042.0	1754.8	1565.9	1341.3	1232.1	1152.3	1109.4	1007.5	843.1	835.7
42.5°	2143.9	1839.5	1486.1	1321.7	1106.9	1044.3	967.0	937.6	833.2	708.1	763.3
45°	1999.1	1638.3	1271.3	1116.7	987.9	920.4	838.2	809.9	732.6	732.6	805.0
47.5°	1720.5	1363.4	1012.4	920.4	822.2	795.2	758.4	705.6	676.2	713.0	763.3
50°	1381.8	1084.8	862.7	817.3	773.1	760.8	758.4	747.3	715.4	735.1	758.4
52.5°	1106.9	913.0	857.8	822.2	812.4	792.8	802.6	770.7	751.0	747.3	770.7
55°	947.4	845.5	833.2	838.2	822.2	814.8	807.5	785.4	780.5	770.7	768.2
57.5°	843.1	850.4	797.7	819.7	812.4	819.7	812.4	805.0	760.8	838.2	782.9
60°	827.1	800.1	763.3	775.6	778.0	785.4	782.9	773.1	747.3	770.7	765.8
62.5°	792.8	751.0	732.6	727.7	742.4	735.1	758.4	740.0	755.9	735.1	737.5
65°	732.6	715.4	708.1	708.1	727.7	720.3	732.6	727.7	730.2	717.9	688.4
67.5°	638.1	633.2	638.1	640.6	662.7	670.0	698.3	678.6	673.7	673.7	628.3
70°	548.5	555.9	553.5	560.8	587.8	630.8	643.0	643.0	652.9	657.8	603.8
72.5°	413.6	413.6	418.5	425.8	454.1	486.0	553.5	548.5	575.5	582.9	551.0
75°	328.9	319.1	333.8	343.6	359.6	359.6	423.4	441.8	503.1	483.5	456.5
77.5°	184.1	196.3	189.0	189.0	193.9	214.8	263.8	249.1	314.2	416.0	411.1
80°	84.7	92.0	94.5	92.0	84.7	135.0	164.4	159.5	212.3	328.9	389.0
82.5°	60.1	47.9	40.5	50.3	40.5	62.6	89.6	74.9	77.3	212.3	416.0
85°	40.5	36.8	34.4	43.0	24.5	52.8	55.2	62.6	52.8	92.0	357.1
87.5°	0.0	17.2	0.0	7.4	0.0	7.4	4.9	14.7	0.0	24.5	166.9
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):

	165°	175°	180°
0°	3375.9	3375.9	3375.9
2.5°	3272.9	3272.9	3281.4
5°	3124.4	3121.9	3121.9
7.5°	2999.2	2996.7	2991.8
10°	2827.4	2815.1	2827.4
12.5°	2653.1	2680.1	2667.9
15°	2535.3	2550.1	2532.9
17.5°	2378.3	2378.3	2388.1
20°	2194.2	2163.5	2168.4
22.5°	2056.7	2017.5	2044.5
25°	1875.1	1842.0	1824.8
27.5°	1638.3	1612.5	1585.5
30°	1403.9	1386.7	1370.7
32.5°	1206.3	1174.4	1176.9
35°	1019.8	990.3	967.0
37.5°	875.0	865.2	892.2
40°	807.5	817.3	827.1
42.5°	768.2	785.4	758.4
45°	805.0	824.7	812.4
47.5°	800.1	840.6	833.2
50°	814.8	843.1	827.1
52.5°	795.2	802.6	787.8
55°	763.3	742.4	732.6
57.5°	751.0	705.6	667.6
60°	690.9	655.3	618.5
62.5°	686.0	628.3	608.7
65°	625.9	593.9	582.9
67.5°	543.6	524.0	519.1
70°	528.9	495.8	483.5
72.5°	430.7	371.8	359.6
75°	381.6	338.7	314.2
77.5°	391.5	439.3	413.6
80°	478.6	314.2	304.3
82.5°	357.1	196.3	200.0
85°	207.4	149.7	154.6
87.5°	109.2	69.9	79.8
90°	0.0	0.0	0.0

(END OF REPORT)