

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: P189795

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189795
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-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(3) 70 CRI, 4000K 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: 19571 lumens
Efficiency: N/A
Efficacy: 128.8 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

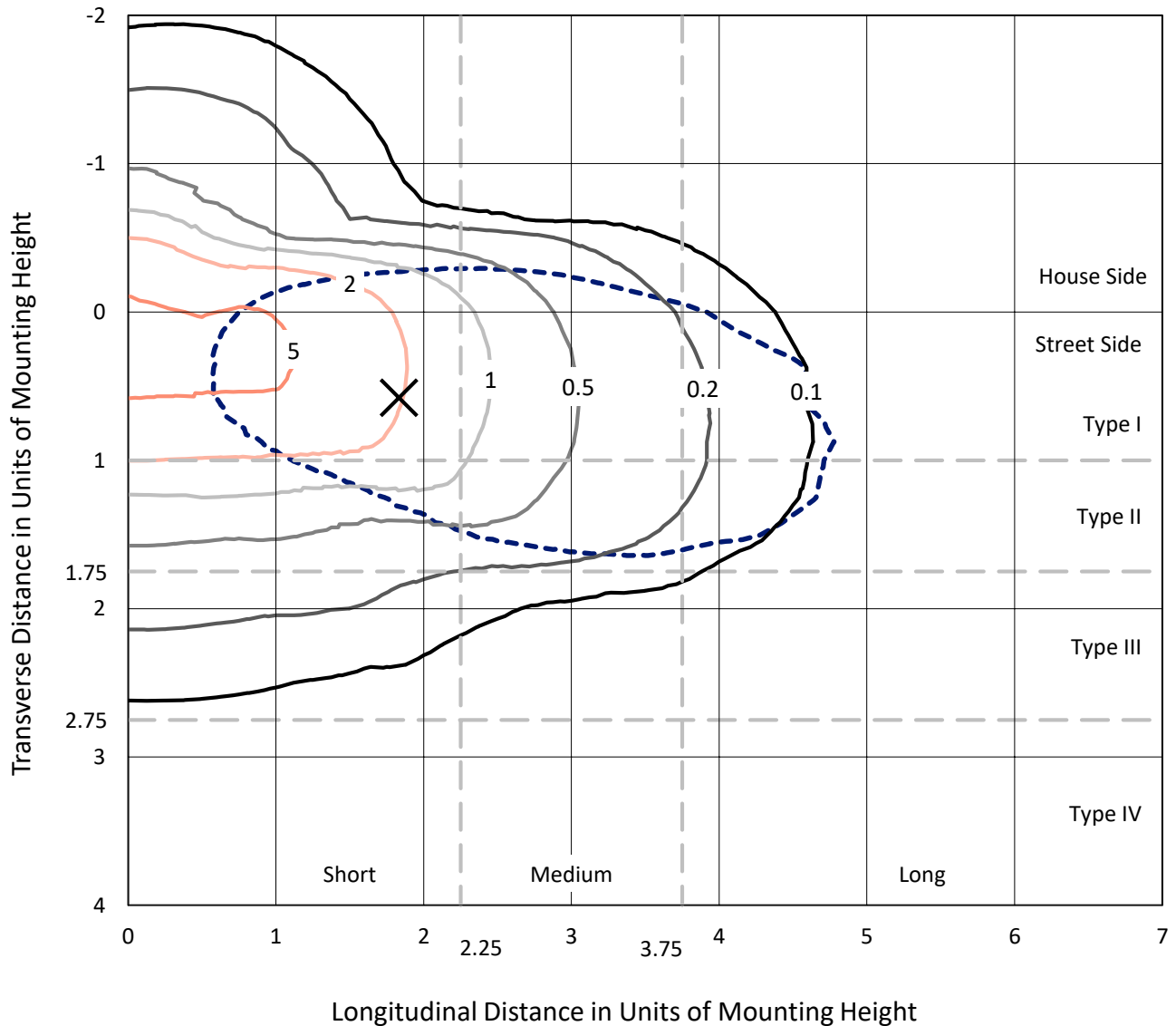
Input Watts (W): 152
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

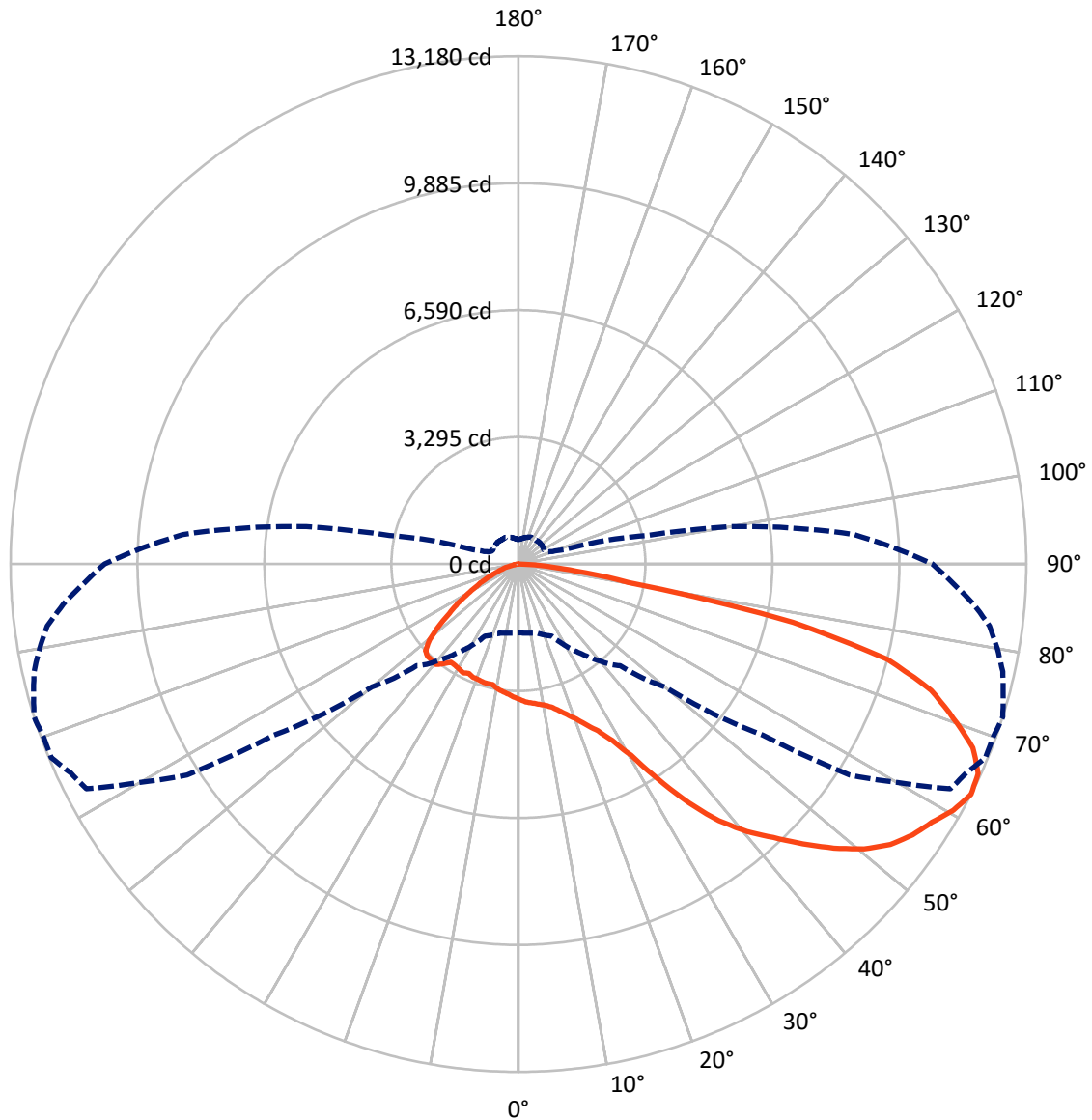


Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
 Type II - Short - Non-Cutoff

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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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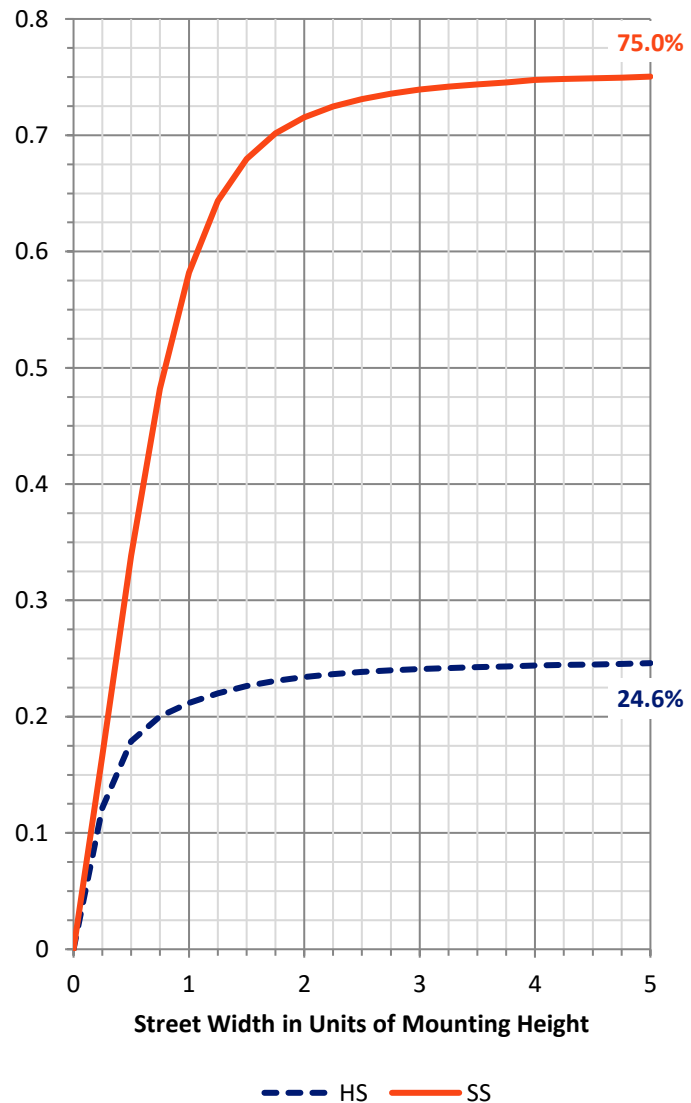
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4892.2	0.0	4892.2
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	14678.8	0.0	14678.8
	% Fixture	75.0	0.0	75.0
Total	Lumens	19571.0	0.0	19571.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.2	1.7
10°-20°	1019.3	5.2
20°-30°	1714.1	8.8
30°-40°	2539.0	13.0
40°-50°	3429.9	17.5
50°-60°	3969.2	20.3
60°-70°	3882.0	19.8
70°-80°	2365.8	12.1
80°-90°	314.5	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°	19571.0	100.0
0°-180°	19571.0	100.0



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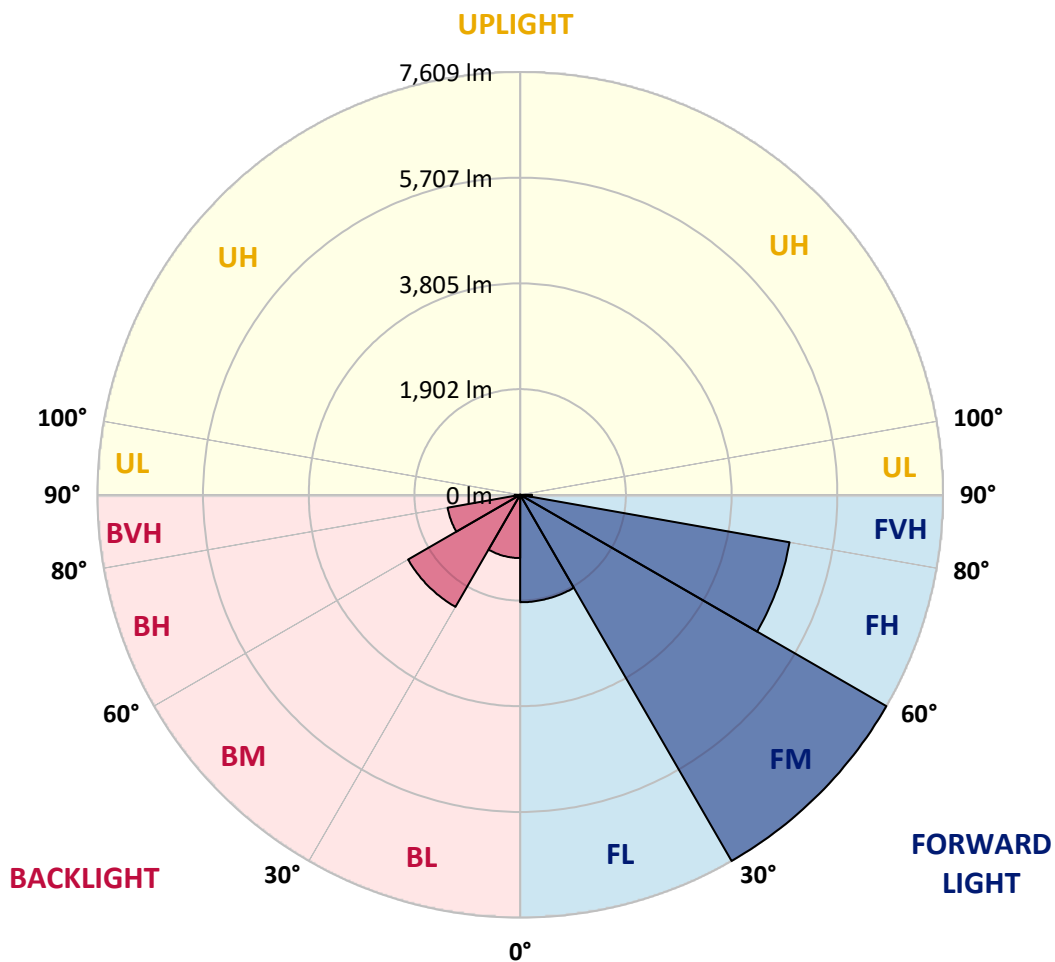
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1932.8	9.9			
FM	(30°-60°)	7609.1	38.9			
FH	(60°-80°)	4922.7	25.2			G2/5000
FVH	(80°-90°)	214.2	1.1			G2/225
BL	(0°-30°)	1137.8	5.8	B3/2500		
BM	(30°-60°)	2329.1	11.9	B2/2500		
BH	(60°-80°)	1325.1	6.8	B3/2500		G3/2500
BVH	(80°-90°)	100.3	0.5			G2/225
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°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3755.4	3742.6	3695.4	3677.5	3664.8	3682.6	3650.7	3645.6	3635.4	3650.7	3609.9
5°	3921.3	3918.8	3874.1	3858.8	3830.7	3833.3	3823.0	3796.2	3775.8	3770.7	3752.8
7.5°	4097.5	4060.5	4024.7	4009.4	3952.0	3957.1	3916.2	3926.4	3892.0	3889.4	3848.6
10°	4278.7	4260.9	4200.9	4177.9	4105.1	4102.6	4072.0	4055.4	4045.2	3999.2	3977.5
12.5°	4454.9	4429.4	4361.7	4341.3	4263.4	4263.4	4248.1	4221.3	4188.1	4165.1	4117.9
15°	4590.2	4580.0	4507.2	4484.3	4429.4	4398.7	4393.6	4366.8	4349.0	4331.1	4301.7
17.5°	4761.3	4751.0	4680.8	4652.8	4618.3	4605.5	4569.8	4548.1	4522.6	4476.6	4484.3
20°	4854.4	4846.8	4789.3	4766.4	4756.1	4756.1	4725.5	4693.6	4693.6	4663.0	4668.1
22.5°	4854.4	4869.8	4834.0	4877.4	4906.8	4922.1	4922.1	4896.6	4872.3	4859.5	4849.3
25°	4911.9	4906.8	4909.3	4971.9	5067.6	5082.9	5098.2	5108.5	5080.4	5072.7	5062.5
27.5°	4844.2	4849.3	4894.0	5054.8	5254.0	5316.5	5321.6	5347.2	5303.8	5362.5	5316.5
30°	4864.6	4872.3	4947.6	5153.1	5437.8	5533.5	5585.9	5606.3	5565.4	5638.2	5585.9
32.5°	4797.0	4805.9	4904.2	5176.1	5557.8	5726.3	5809.2	5882.0	5819.5	5954.8	5887.1
35°	4564.7	4582.5	4728.1	5090.6	5613.9	5829.7	5954.8	6032.6	6018.6	6234.3	6189.6
37.5°	4278.7	4296.6	4527.7	4969.3	5635.6	5912.6	6083.7	6239.4	6252.2	6493.4	6553.4
40°	4072.0	4100.0	4331.1	4813.6	5593.5	5970.1	6213.9	6425.8	6478.1	6862.3	6942.8
42.5°	3791.1	3828.2	4006.9	4543.0	5459.5	5887.1	6182.0	6462.8	6610.9	7089.5	7219.7
45°	3557.5	3586.9	3773.3	4263.4	5293.5	5756.9	6130.9	6513.9	6706.6	7302.7	7486.5
47.5°	3262.7	3295.9	3491.2	3936.7	4966.8	5497.8	5938.2	6410.5	6621.1	7365.3	7655.0
50°	2510.8	2549.1	3140.1	3685.2	4590.2	5171.0	5699.5	6198.6	6470.5	7365.3	7694.6
52.5°	2261.9	2292.6	2463.6	3418.4	4177.9	4725.5	5279.5	5876.9	6184.5	7199.3	7601.4
55°	2121.5	2129.2	2237.7	2865.7	3814.1	4221.3	4720.4	5347.2	5718.6	6845.7	7341.0
57.5°	2028.3	2043.6	2116.4	2440.6	3498.8	3796.2	4165.1	4625.9	5028.0	6176.9	6767.9
60°	1903.2	1930.0	2013.0	2235.1	3135.0	3386.5	3692.8	4040.0	4268.5	5264.2	5837.3
62.5°	1784.5	1797.3	1852.2	2064.1	2837.6	3059.7	3283.1	3532.0	3731.1	4387.2	4962.9
65°	1644.1	1662.0	1734.7	1930.0	2634.6	2863.1	3024.0	3200.1	3348.2	3879.2	4245.6
67.5°	1467.9	1516.5	1579.0	1752.6	2333.4	2598.9	2681.9	2832.5	2953.8	3325.2	3657.1
70°	1327.5	1330.1	1420.7	1556.0	1958.1	2267.0	2350.0	2433.0	2538.9	2815.9	3094.2
72.5°	1083.7	1123.3	1201.2	1304.6	1610.9	1898.1	1955.6	2038.5	2124.1	2267.0	2471.3
75°	912.7	944.6	998.2	1099.0	1309.7	1457.7	1623.7	1644.1	1693.9	1696.4	1854.7
77.5°	472.3	497.8	560.4	635.7	829.7	892.3	1073.5	1058.2	1091.4	1027.6	1161.6
80°	135.3	204.2	389.3	440.4	518.2	528.5	555.3	523.4	515.7	513.1	573.1
82.5°	83.0	108.5	243.8	279.5	311.5	243.8	191.5	160.8	160.8	150.6	158.3
85°	57.4	75.3	83.0	111.1	103.4	83.0	83.0	83.0	83.0	57.4	77.9
87.5°	30.6	25.5	28.1	30.6	30.6	5.1	10.2	25.5	17.9	0.0	7.7
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):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3604.8	3597.1	3584.3	3589.4	3552.4	3571.6	3567.7	3549.9	3584.3	3544.8	3542.2
5°	3728.6	3715.8	3667.3	3667.3	3620.1	3640.5	3604.8	3622.6	3620.1	3599.7	3552.4
7.5°	3853.7	3843.5	3780.9	3793.7	3728.6	3735.0	3677.5	3685.2	3672.4	3667.3	3609.9
10°	3936.7	3934.1	3900.9	3900.9	3838.4	3840.9	3775.8	3773.3	3723.5	3720.9	3698.0
12.5°	4087.3	4050.3	4019.6	4004.3	3962.2	3954.5	3889.4	3853.7	3806.5	3798.8	3791.1
15°	4263.4	4255.8	4221.3	4198.3	4154.9	4138.3	4066.9	4032.4	3946.9	3939.2	3921.3
17.5°	4434.5	4426.8	4387.2	4391.1	4336.2	4320.9	4258.3	4193.2	4112.8	4100.0	4077.1
20°	4637.4	4615.7	4605.5	4590.2	4543.0	4522.6	4434.5	4366.8	4294.1	4268.5	4175.4
22.5°	4839.1	4826.4	4834.0	4799.5	4791.9	4740.8	4698.7	4600.4	4532.8	4462.6	4371.9
25°	5093.1	5067.6	5067.6	5020.4	5020.4	4957.8	4922.1	4844.2	4797.0	4716.6	4652.8
27.5°	5357.4	5316.5	5357.4	5314.0	5326.7	5256.5	5264.2	5171.0	5186.3	5040.8	5000.0
30°	5679.0	5633.1	5689.3	5656.1	5746.7	5681.6	5788.8	5716.1	5762.0	5591.0	5575.6
32.5°	6032.6	6003.3	6156.4	6101.6	6317.3	6284.1	6503.6	6425.8	6649.2	6444.9	6488.3
35°	6390.0	6364.5	6684.9	6679.8	7038.5	7084.4	7489.1	7383.1	7614.2	7352.5	7323.1
37.5°	6830.4	6833.0	7214.6	7307.8	7858.0	7923.1	8345.6	8212.8	8449.0	8160.5	8195.0
40°	7312.9	7372.9	7842.7	7997.1	8682.6	8745.1	9205.9	9034.9	9128.1	8825.6	8816.6
42.5°	7707.4	7837.6	8418.4	8640.5	9408.9	9460.0	9797.0	9657.8	9698.7	9520.0	9387.2
45°	8147.7	8323.9	9040.0	9271.0	10067.6	10123.7	10487.5	10308.8	10357.3	10181.2	10035.7
47.5°	8464.3	8672.4	9579.9	9784.2	10694.3	10704.5	11088.7	10867.9	11016.0	10772.2	10663.7
50°	8697.9	9004.3	10088.0	10303.7	11280.2	11280.2	11664.4	11430.8	11623.6	11301.9	11296.8
52.5°	8801.3	9218.7	10472.2	10728.8	11867.4	11830.4	12199.3	11921.0	12089.5	11752.5	11690.0
55°	8692.8	9278.7	10767.1	11181.9	12323.1	12232.5	12536.3	12328.2	12411.2	12180.1	11996.3
57.5°	8293.3	9105.1	10938.1	11478.1	12665.2	12626.9	12790.3	12684.3	12649.9	12509.5	12292.5
60°	7489.1	8584.3	10844.9	11644.0	12775.0	12855.4	13064.7	12984.3	12966.4	12815.8	12614.1
62.5°	6410.5	7745.7	10191.4	11337.7	12634.6	12823.5	13122.2	13114.5	13179.6	13023.9	12873.3
65°	5472.3	7030.8	9730.6	11148.7	12292.5	12587.3	12981.8	13034.1	13112.0	13085.2	12956.2
67.5°	4569.8	5741.6	8833.2	10673.9	12106.1	12325.6	12526.1	12649.9	12722.6	12655.0	12526.1
70°	3728.6	4512.3	7177.6	9170.2	10887.1	11392.5	11684.9	11830.4	11970.8	11952.9	11679.8
72.5°	2785.3	3230.8	4657.9	6395.1	8728.5	9708.9	10201.6	10762.0	11203.6	11083.6	10876.8
75°	1981.1	2227.5	2852.9	3833.3	5513.1	7330.8	8848.5	9608.0	9896.5	10007.6	9569.7
77.5°	1166.7	1369.7	1669.6	2201.9	3242.2	3941.8	4849.3	6478.1	7282.3	7974.1	7676.7
80°	638.2	700.8	767.2	975.2	1374.8	1613.5	1882.8	2360.2	2893.8	3567.7	3911.1
82.5°	176.2	243.8	264.2	379.1	606.3	799.1	985.4	1302.0	1503.7	1739.8	1872.6
85°	72.8	93.2	62.5	121.3	243.8	397.0	445.5	645.9	711.0	845.0	839.9
87.5°	5.1	20.4	0.0	7.7	0.0	23.0	0.0	15.3	0.0	7.7	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°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3501.4	3521.8	3506.5	3511.6	3519.2	3479.7	3459.2	3449.0	3449.0	3454.1	3441.4
5°	3526.9	3526.9	3516.7	3484.8	3503.9	3464.4	3431.2	3396.7	3389.0	3386.5	3389.0
7.5°	3599.7	3567.7	3549.9	3516.7	3509.0	3438.8	3396.7	3355.9	3355.9	3335.4	3340.5
10°	3635.4	3609.9	3589.4	3516.7	3501.4	3441.4	3373.7	3350.7	3318.8	3283.1	3270.3
12.5°	3692.8	3657.1	3620.1	3552.4	3516.7	3431.2	3366.1	3303.5	3255.0	3195.0	3205.2
15°	3825.6	3760.5	3750.3	3662.2	3609.9	3488.6	3376.3	3308.6	3278.0	3205.2	3184.8
17.5°	3983.9	3911.1	3858.8	3770.7	3708.2	3544.8	3401.8	3303.5	3270.3	3195.0	3158.0
20°	4117.9	4060.5	3969.8	3869.0	3788.6	3594.6	3421.0	3335.4	3265.2	3169.5	3106.9
22.5°	4289.0	4221.3	4105.1	4045.2	3916.2	3703.1	3454.1	3335.4	3293.3	3164.4	3069.9
25°	4509.8	4408.9	4296.6	4180.5	4052.8	3778.4	3503.9	3401.8	3267.8	3117.2	3069.9
27.5°	4831.5	4708.9	4537.9	4403.8	4235.3	3889.4	3599.7	3418.4	3290.8	3169.5	3013.8
30°	5362.5	5279.5	5025.5	4869.8	4592.8	4082.2	3685.2	3491.2	3321.4	3127.4	2981.8
32.5°	6231.8	6130.9	5852.6	5638.2	5311.4	4693.6	3916.2	3604.8	3332.9	3101.8	2923.1
35°	7103.6	6887.9	6589.2	6436.0	6028.8	5314.0	4447.2	3962.2	3544.8	3091.6	2828.7
37.5°	7858.0	7624.4	7372.9	7018.1	6721.9	5796.5	4947.6	4393.6	3863.9	3242.2	2821.0
40°	8443.9	8406.9	7986.9	7748.2	7418.9	6473.0	5319.1	4818.7	4123.0	3376.3	2898.9
42.5°	9029.8	8941.7	8549.8	8323.9	7775.0	6882.8	5788.8	4781.7	4227.7	3355.9	2850.4
45°	9733.1	9507.2	9263.4	8765.6	8446.4	7302.7	5862.9	5082.9	4281.3	3361.0	2818.5
47.5°	10308.8	9994.8	9719.1	9273.6	8980.0	7828.6	6120.7	5030.6	4281.3	3298.4	2606.6
50°	10839.8	10643.3	10211.8	9874.8	9389.8	8119.7	6281.5	5062.5	4248.1	3024.0	2342.3
52.5°	11289.2	11136.0	10640.7	10289.7	9748.4	8350.7	6279.0	4989.7	4012.0	2624.4	1945.3
55°	11714.2	11441.1	11076.0	10560.3	10153.1	8584.3	6259.8	4668.1	3640.5	2199.4	1618.6
57.5°	12074.2	11772.9	11407.9	10870.5	10482.4	8740.0	6201.1	4419.2	3202.7	1872.6	1350.5
60°	12372.9	12121.4	11674.6	11166.6	10653.5	8801.3	5930.5	3884.3	2798.0	1513.9	1153.9
62.5°	12616.7	12333.3	11845.7	11280.2	10741.5	8745.1	5583.3	3423.5	2388.3	1234.4	947.1
65°	12709.9	12411.2	11945.3	11317.2	10650.9	8482.2	5067.6	2898.9	1960.7	1011.0	816.9
67.5°	12338.4	11918.5	11540.6	10860.3	10173.5	7868.2	4569.8	2380.6	1503.7	746.7	684.2
70°	11493.4	11063.2	10707.1	9984.6	9253.2	7001.5	4001.8	1737.3	1081.2	601.2	588.5
72.5°	10699.4	10035.7	9636.1	8645.6	8064.8	6008.4	3155.4	1234.4	723.8	457.0	427.6
75°	9489.3	8801.3	8509.0	7577.2	6978.5	4797.0	2297.7	866.7	534.8	374.0	367.6
77.5°	7792.9	6882.8	6937.6	6026.2	5440.3	3451.6	1535.6	518.2	349.8	218.3	218.3
80°	4356.6	3863.9	4160.0	3604.8	3532.0	2167.5	879.5	296.1	208.1	108.5	88.1
82.5°	2036.0	1857.3	2023.2	1810.0	1752.6	1045.4	360.0	118.7	103.4	57.4	54.9
85°	952.3	777.4	824.6	689.3	703.3	316.6	90.6	10.2	47.2	35.7	35.7
87.5°	15.3	0.0	10.2	0.0	12.8	15.3	12.8	0.0	10.2	10.2	7.7
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):

	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3438.8	3436.3	3413.3	3410.7	3396.7	3396.7	3408.2	3378.8	3371.2	3383.9	3396.7
5°	3396.7	3381.4	3345.6	3348.2	3330.3	3330.3	3318.8	3290.8	3262.7	3275.4	3249.9
7.5°	3330.3	3298.4	3252.5	3247.4	3215.4	3215.4	3189.9	3172.0	3147.8	3122.3	3117.2
10°	3235.9	3220.5	3184.8	3164.4	3142.7	3122.3	3101.8	3072.5	3013.8	3001.0	2961.4
12.5°	3169.5	3161.8	3106.9	3067.4	3024.0	2989.5	2951.2	2923.1	2875.9	2821.0	2777.6
15°	3152.9	3122.3	3054.6	3034.2	2971.6	2941.0	2898.9	2847.8	2762.3	2710.0	2642.3
17.5°	3069.9	3057.2	2992.1	2974.2	2888.7	2850.4	2785.3	2740.6	2662.7	2582.3	2523.6
20°	3029.1	2976.7	2893.8	2868.2	2780.2	2738.0	2692.1	2619.3	2538.9	2435.5	2344.9
22.5°	2992.1	2915.5	2805.7	2780.2	2687.0	2647.4	2551.7	2505.7	2413.8	2269.6	2186.6
25°	2925.7	2832.5	2702.3	2655.1	2541.5	2494.2	2375.5	2320.6	2204.5	2074.3	1958.1
27.5°	2868.2	2787.8	2614.2	2533.8	2422.8	2342.3	2240.2	2157.2	2004.1	1835.6	1724.5
30°	2810.8	2662.7	2505.7	2403.6	2230.0	2152.1	2001.5	1935.1	1776.9	1596.9	1522.8
32.5°	2692.1	2554.2	2333.4	2222.3	2033.4	1947.9	1810.0	1679.8	1508.8	1400.3	1325.0
35°	2582.3	2422.8	2172.6	2030.9	1810.0	1724.5	1540.7	1452.6	1279.0	1198.6	1120.7
37.5°	2468.7	2274.7	1981.1	1838.1	1556.0	1488.4	1337.7	1270.1	1146.3	1018.6	982.9
40°	2375.5	2124.1	1825.4	1628.8	1395.2	1281.6	1198.6	1153.9	1048.0	876.9	869.3
42.5°	2230.0	1913.4	1545.8	1374.8	1151.4	1086.3	1005.9	975.2	866.7	736.5	794.0
45°	2079.4	1704.1	1322.4	1161.6	1027.6	957.4	871.8	842.5	762.1	762.1	837.4
47.5°	1789.6	1418.2	1053.1	957.4	855.2	827.2	788.9	734.0	703.3	741.6	794.0
50°	1437.3	1128.4	897.4	850.1	804.2	791.4	788.9	777.4	744.2	764.6	788.9
52.5°	1151.4	949.7	892.3	855.2	845.0	824.6	834.8	801.6	781.2	777.4	801.6
55°	985.4	879.5	866.7	871.8	855.2	847.6	839.9	816.9	811.8	801.6	799.1
57.5°	876.9	884.6	829.7	852.7	845.0	852.7	845.0	837.4	791.4	871.8	814.4
60°	860.3	832.3	794.0	806.7	809.3	816.9	814.4	804.2	777.4	801.6	796.5
62.5°	824.6	781.2	762.1	757.0	772.3	764.6	788.9	769.7	786.3	764.6	767.2
65°	762.1	744.2	736.5	736.5	757.0	749.3	762.1	757.0	759.5	746.7	716.1
67.5°	663.8	658.7	663.8	666.3	689.3	697.0	726.3	705.9	700.8	700.8	653.6
70°	570.6	578.2	575.7	583.3	611.4	656.1	668.9	668.9	679.1	684.2	628.0
72.5°	430.2	430.2	435.3	442.9	472.3	505.5	575.7	570.6	598.7	606.3	573.1
75°	342.1	331.9	347.2	357.4	374.0	374.0	440.4	459.5	523.4	502.9	474.8
77.5°	191.5	204.2	196.6	196.6	201.7	223.4	274.4	259.1	326.8	432.7	427.6
80°	88.1	95.7	98.3	95.7	88.1	140.4	171.0	165.9	220.8	342.1	404.6
82.5°	62.5	49.8	42.1	52.3	42.1	65.1	93.2	77.9	80.4	220.8	432.7
85°	42.1	38.3	35.7	44.7	25.5	54.9	57.4	65.1	54.9	95.7	371.5
87.5°	0.0	17.9	0.0	7.7	0.0	7.7	5.1	15.3	0.0	25.5	173.6
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°	3511.6	3511.6	3511.6
2.5°	3404.4	3404.4	3413.3
5°	3249.9	3247.4	3247.4
7.5°	3119.7	3117.2	3112.0
10°	2941.0	2928.2	2941.0
12.5°	2759.7	2787.8	2775.1
15°	2637.2	2652.5	2634.6
17.5°	2473.8	2473.8	2484.0
20°	2282.3	2250.4	2255.5
22.5°	2139.4	2098.5	2126.6
25°	1950.5	1916.0	1898.1
27.5°	1704.1	1677.3	1649.2
30°	1460.3	1442.4	1425.8
32.5°	1254.8	1221.6	1224.1
35°	1060.8	1030.1	1005.9
37.5°	910.1	899.9	928.0
40°	839.9	850.1	860.3
42.5°	799.1	816.9	788.9
45°	837.4	857.8	845.0
47.5°	832.3	874.4	866.7
50°	847.6	876.9	860.3
52.5°	827.2	834.8	819.5
55°	794.0	772.3	762.1
57.5°	781.2	734.0	694.4
60°	718.7	681.6	643.3
62.5°	713.5	653.6	633.1
65°	651.0	617.8	606.3
67.5°	565.5	545.1	539.9
70°	550.2	515.7	502.9
72.5°	448.0	386.8	374.0
75°	397.0	352.3	326.8
77.5°	407.2	457.0	430.2
80°	497.8	326.8	316.6
82.5°	371.5	204.2	208.1
85°	215.7	155.7	160.8
87.5°	113.6	72.8	83.0
90°	0.0	0.0	0.0

(END OF REPORT)