

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: P175607

Luminaire Tested: **VERD-G-A028-E-U-T2-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P175607
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-G-A028-E-U-T2-AP
Description: VERDEON-G ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 4000K LEDS AT 80% STANDARD LUMENS AND TYPE II OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12064 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Luminous Opening: Rectangular (W 0.9' x L: 1.25' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 103
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

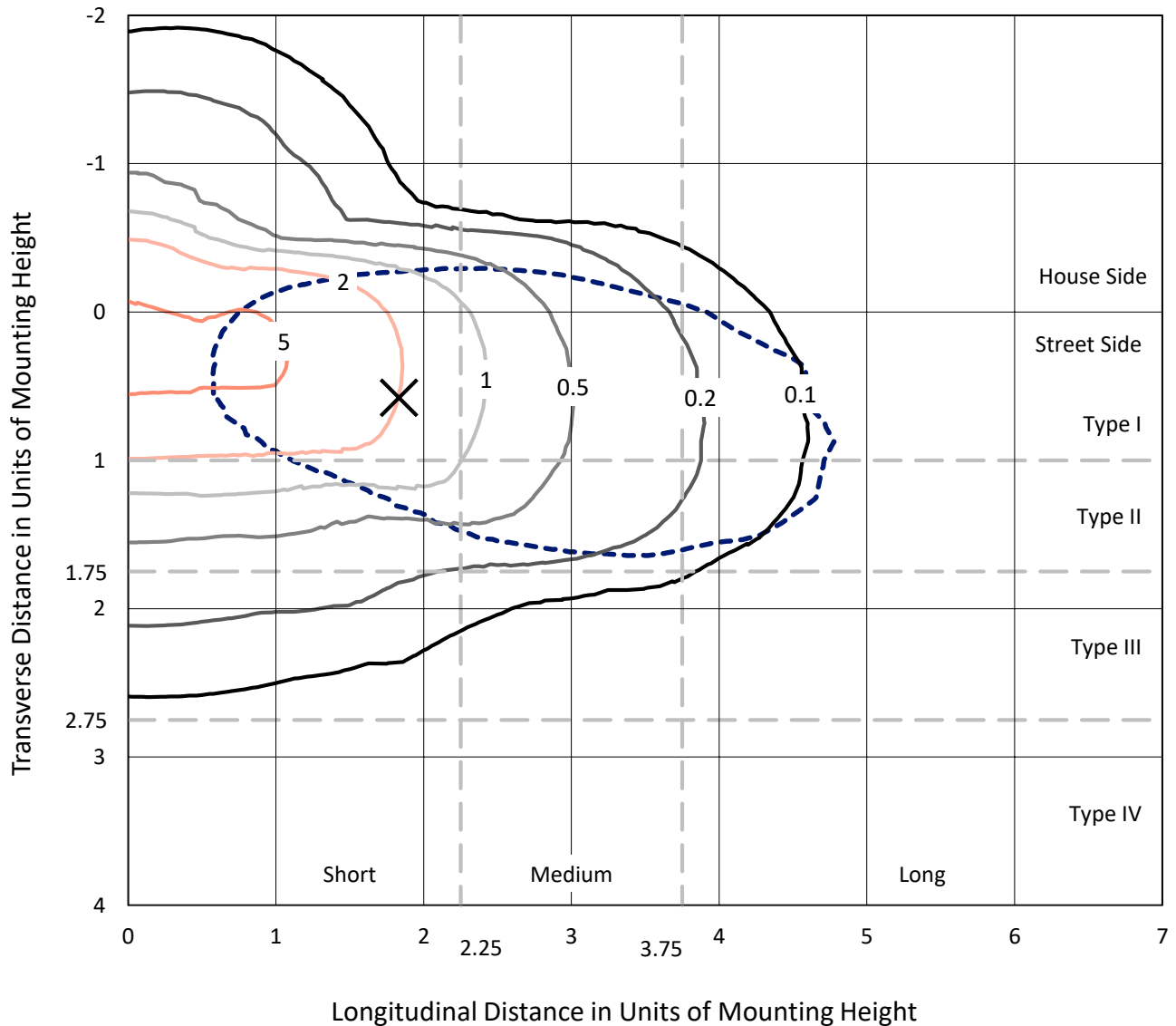


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

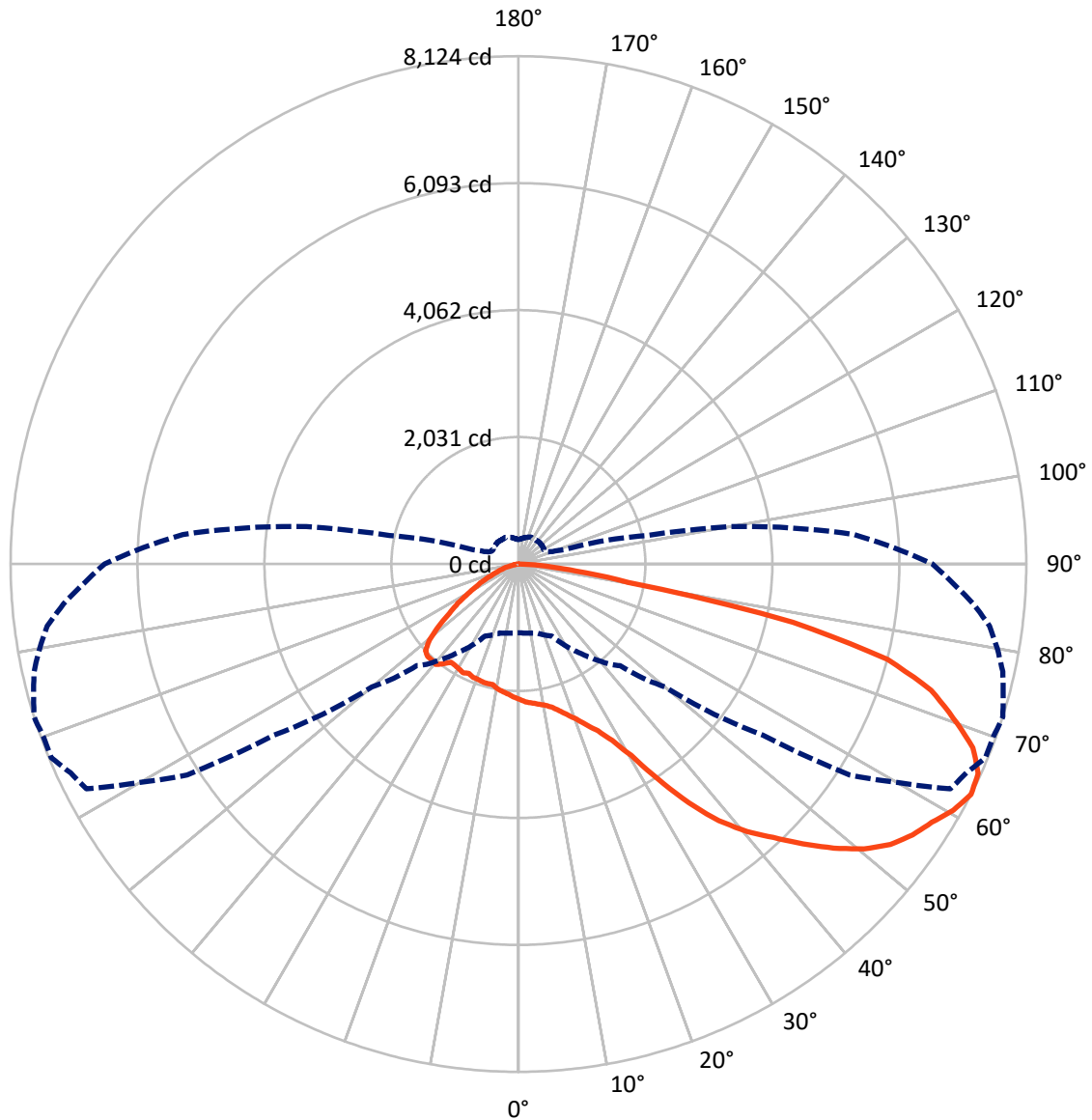


Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
 Type II - Short - Non-Cutoff

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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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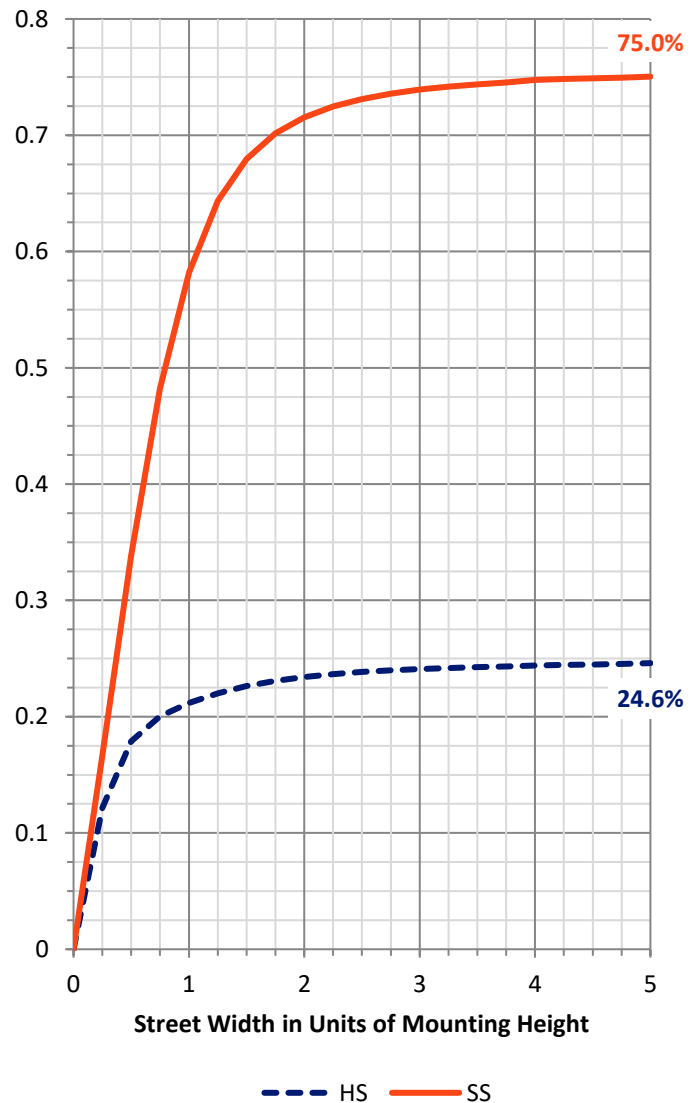
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3015.7	0.0	3015.7
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	9048.3	0.0	9048.3
	% Fixture	75.0	0.0	75.0
Total	Lumens	12064.0	0.0	12064.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.9	1.7
10°-20°	628.3	5.2
20°-30°	1056.6	8.8
30°-40°	1565.1	13.0
40°-50°	2114.3	17.5
50°-60°	2446.7	20.3
60°-70°	2392.9	19.8
70°-80°	1458.3	12.1
80°-90°	193.9	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°	12064.0	100.0
0°-180°	12064.0	100.0



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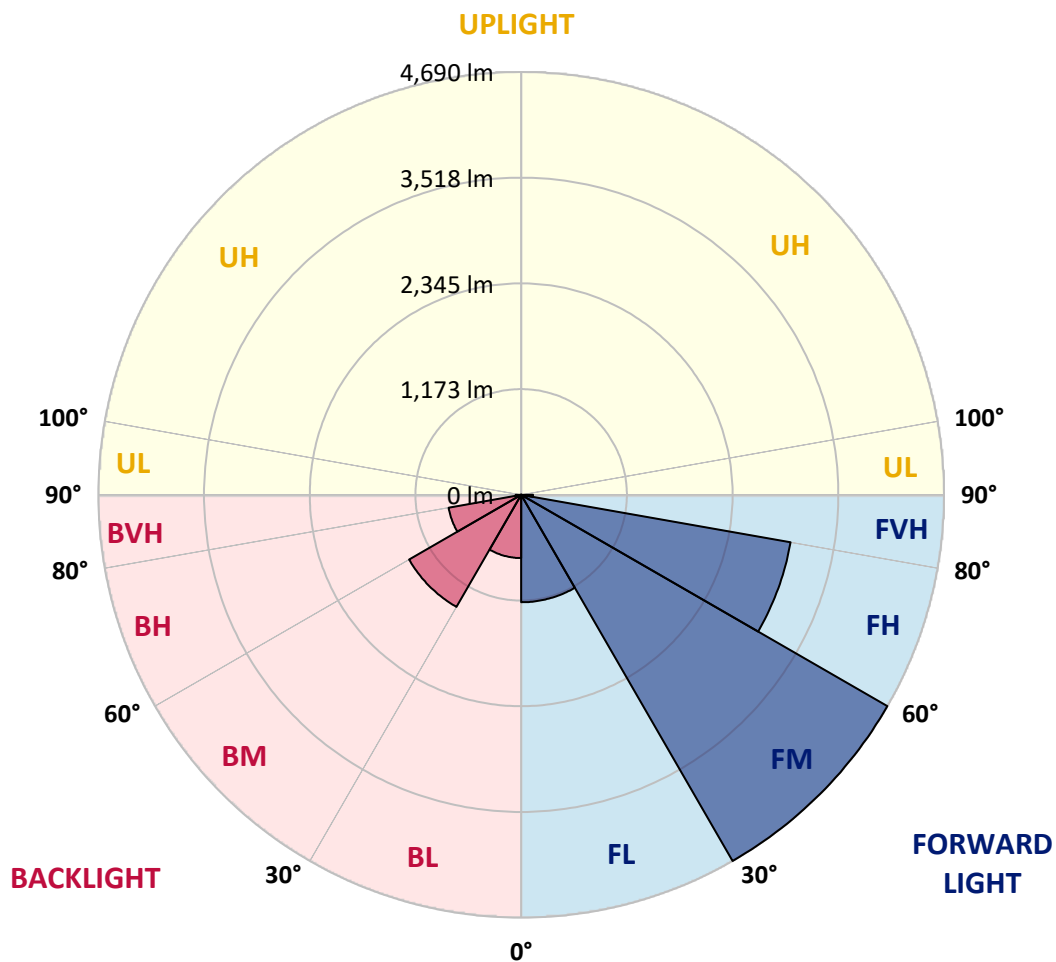
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1191.4	9.9			
FM	(30°-60°)	4690.4	38.9			
FH	(60°-80°)	3034.5	25.2			G2/5000
FVH	(80°-90°)	132.1	1.1			G2/225
BL	(0°-30°)	701.4	5.8	B2/1000		
BM	(30°-60°)	1435.7	11.9	B2/2500		
BH	(60°-80°)	816.8	6.8	B2/1000		G2/1000
BVH	(80°-90°)	61.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

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°	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6
2.5°	2314.9	2307.0	2277.9	2266.9	2259.0	2270.1	2250.4	2247.2	2240.9	2250.4	2225.2
5°	2417.2	2415.6	2388.1	2378.6	2361.3	2362.9	2356.6	2340.1	2327.5	2324.3	2313.3
7.5°	2525.8	2503.0	2480.9	2471.5	2436.1	2439.2	2414.0	2420.3	2399.1	2397.5	2372.3
10°	2637.5	2626.5	2589.5	2575.4	2530.5	2528.9	2510.0	2499.8	2493.5	2465.2	2451.8
12.5°	2746.1	2730.4	2688.7	2676.1	2628.1	2628.1	2618.6	2602.1	2581.6	2567.5	2538.4
15°	2829.5	2823.2	2778.4	2764.2	2730.4	2711.5	2708.3	2691.8	2680.8	2669.8	2651.7
17.5°	2934.9	2928.6	2885.4	2868.1	2846.8	2838.9	2816.9	2803.5	2787.8	2759.5	2764.2
20°	2992.4	2987.7	2952.3	2938.1	2931.8	2931.8	2912.9	2893.2	2893.2	2874.4	2877.5
22.5°	2992.4	3001.8	2979.8	3006.5	3024.6	3034.1	3034.1	3018.3	3003.4	2995.5	2989.2
25°	3027.8	3024.6	3026.2	3064.8	3123.8	3133.2	3142.7	3149.0	3131.7	3126.9	3120.6
27.5°	2986.1	2989.2	3016.8	3115.9	3238.7	3277.2	3280.4	3296.1	3269.4	3305.5	3277.2
30°	2998.7	3003.4	3049.8	3176.5	3352.0	3411.0	3443.2	3455.8	3430.7	3475.5	3443.2
32.5°	2957.0	2962.5	3023.1	3190.7	3425.9	3529.8	3580.9	3625.8	3587.2	3670.6	3628.9
35°	2813.8	2824.8	2914.5	3137.9	3460.6	3593.5	3670.6	3718.6	3710.0	3843.0	3815.4
37.5°	2637.5	2648.5	2790.9	3063.2	3473.9	3644.7	3750.1	3846.1	3854.0	4002.7	4039.7
40°	2510.0	2527.4	2669.8	2967.2	3448.0	3680.1	3830.4	3961.0	3993.3	4230.1	4279.7
42.5°	2336.9	2359.8	2469.9	2800.4	3365.3	3628.9	3810.7	3983.8	4075.1	4370.2	4450.4
45°	2192.9	2211.0	2325.9	2628.1	3263.1	3548.7	3779.2	4015.3	4134.1	4501.6	4614.9
47.5°	2011.2	2031.6	2152.0	2426.6	3061.6	3389.0	3660.4	3951.6	4081.4	4540.1	4718.7
50°	1547.7	1571.3	1935.6	2271.6	2829.5	3187.5	3513.3	3820.9	3988.5	4540.1	4743.1
52.5°	1394.3	1413.2	1518.6	2107.2	2575.4	2912.9	3254.4	3622.6	3812.3	4437.8	4685.7
55°	1307.7	1312.5	1379.3	1766.5	2351.1	2602.1	2909.8	3296.1	3525.1	4219.9	4525.2
57.5°	1250.3	1259.7	1304.6	1504.5	2156.8	2340.1	2567.5	2851.5	3099.4	3807.6	4171.9
60°	1173.2	1189.7	1240.9	1377.8	1932.5	2087.5	2276.4	2490.4	2631.2	3245.0	3598.3
62.5°	1100.0	1107.9	1141.7	1272.3	1749.2	1886.1	2023.8	2177.2	2300.0	2704.4	3059.3
65°	1013.5	1024.5	1069.3	1189.7	1624.1	1764.9	1864.0	1972.6	2063.9	2391.2	2617.1
67.5°	904.9	934.8	973.3	1080.3	1438.4	1602.0	1653.2	1746.0	1820.8	2049.7	2254.3
70°	818.3	819.9	875.8	959.2	1207.0	1397.4	1448.6	1499.7	1565.0	1735.8	1907.3
72.5°	668.0	692.4	740.4	804.2	993.0	1170.0	1205.5	1256.6	1309.3	1397.4	1523.3
75°	562.6	582.3	615.3	677.5	807.3	898.6	1000.9	1013.5	1044.1	1045.7	1143.3
77.5°	291.1	306.9	345.4	391.9	511.5	550.0	661.7	652.3	672.8	633.4	716.0
80°	83.4	125.9	240.0	271.5	319.5	325.8	342.3	322.6	317.9	316.3	353.3
82.5°	51.1	66.9	150.3	172.3	192.0	150.3	118.0	99.1	99.1	92.8	97.6
85°	35.4	46.4	51.1	68.5	63.7	51.1	51.1	51.1	51.1	35.4	48.0
87.5°	18.9	15.7	17.3	18.9	18.9	3.1	6.3	15.7	11.0	0.0	4.7
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°	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6
2.5°	2222.1	2217.3	2209.5	2212.6	2189.8	2201.6	2199.2	2188.2	2209.5	2185.1	2183.5
5°	2298.4	2290.5	2260.6	2260.6	2231.5	2244.1	2222.1	2233.1	2231.5	2218.9	2189.8
7.5°	2375.5	2369.2	2330.6	2338.5	2298.4	2302.3	2266.9	2271.6	2263.8	2260.6	2225.2
10°	2426.6	2425.1	2404.6	2404.6	2366.1	2367.6	2327.5	2325.9	2295.2	2293.7	2279.5
12.5°	2519.5	2496.7	2477.8	2468.3	2442.4	2437.7	2397.5	2375.5	2346.4	2341.7	2336.9
15°	2628.1	2623.4	2602.1	2587.9	2561.2	2551.0	2506.9	2485.7	2432.9	2428.2	2417.2
17.5°	2733.5	2728.8	2704.4	2706.8	2672.9	2663.5	2624.9	2584.8	2535.2	2527.4	2513.2
20°	2858.6	2845.2	2838.9	2829.5	2800.4	2787.8	2733.5	2691.8	2647.0	2631.2	2573.8
22.5°	2982.9	2975.1	2979.8	2958.5	2953.8	2922.4	2896.4	2835.8	2794.1	2750.8	2695.0
25°	3139.5	3123.8	3123.8	3094.7	3094.7	3056.1	3034.1	2986.1	2957.0	2907.4	2868.1
27.5°	3302.4	3277.2	3302.4	3275.6	3283.5	3240.2	3245.0	3187.5	3197.0	3107.3	3082.1
30°	3500.7	3472.4	3507.0	3486.5	3542.4	3502.3	3568.4	3523.5	3551.8	3446.4	3437.0
32.5°	3718.6	3700.5	3795.0	3761.1	3894.1	3873.7	4009.0	3961.0	4098.7	3972.8	3999.5
35°	3939.0	3923.2	4120.7	4117.6	4338.7	4367.0	4616.4	4551.1	4693.5	4532.2	4514.1
37.5°	4210.4	4212.0	4447.3	4504.7	4843.8	4884.0	5144.4	5062.6	5208.1	5030.3	5051.6
40°	4507.9	4544.8	4834.4	4929.6	5352.1	5390.7	5674.7	5569.3	5626.8	5440.3	5434.8
42.5°	4751.0	4831.2	5189.3	5326.2	5799.9	5831.3	6039.1	5953.3	5978.5	5868.3	5786.5
45°	5022.5	5131.0	5572.5	5714.9	6205.9	6240.5	6464.7	6354.6	6384.5	6275.9	6186.2
47.5°	5217.6	5345.8	5905.3	6031.2	6592.2	6598.5	6835.3	6699.2	6790.5	6640.2	6573.3
50°	5361.6	5550.4	6218.5	6351.4	6953.4	6953.4	7190.2	7046.2	7165.0	6966.8	6963.6
52.5°	5425.3	5682.6	6455.3	6613.5	7315.3	7292.5	7519.9	7348.4	7452.2	7244.5	7206.0
55°	5358.4	5719.6	6637.1	6892.8	7596.2	7540.4	7727.6	7599.4	7650.5	7508.1	7394.8
57.5°	5112.2	5612.6	6742.5	7075.3	7807.1	7783.5	7884.2	7818.9	7797.7	7711.1	7577.3
60°	4616.4	5291.6	6685.1	7177.6	7874.8	7924.3	8053.4	8003.8	7992.8	7900.0	7775.6
62.5°	3951.6	4774.6	6282.2	6988.8	7788.2	7904.7	8088.8	8084.1	8124.2	8028.2	7935.4
65°	3373.2	4334.0	5998.1	6872.3	7577.3	7759.1	8002.2	8034.5	8082.5	8066.0	7986.5
67.5°	2816.9	3539.2	5445.0	6579.6	7462.5	7597.8	7721.3	7797.7	7842.5	7800.8	7721.3
70°	2298.4	2781.5	4424.4	5652.7	6711.0	7022.6	7202.8	7292.5	7379.1	7368.0	7199.7
72.5°	1716.9	1991.5	2871.2	3942.1	5380.5	5984.8	6288.5	6633.9	6906.2	6832.2	6704.7
75°	1221.2	1373.0	1758.6	2362.9	3398.4	4518.9	5454.4	5922.6	6100.4	6168.9	5899.0
77.5°	719.2	844.3	1029.2	1357.3	1998.6	2429.8	2989.2	3993.3	4489.0	4915.4	4732.1
80°	393.4	432.0	472.9	601.2	847.4	994.6	1160.6	1454.9	1783.8	2199.2	2410.9
82.5°	108.6	150.3	162.9	233.7	373.8	492.6	607.4	802.6	926.9	1072.5	1154.3
85°	44.9	57.4	38.6	74.8	150.3	244.7	274.6	398.1	438.3	520.9	517.7
87.5°	3.1	12.6	0.0	4.7	0.0	14.2	0.0	9.4	0.0	4.7	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°	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6
2.5°	2158.3	2170.9	2161.5	2164.6	2169.3	2144.9	2132.4	2126.1	2126.1	2129.2	2121.3
5°	2174.1	2174.1	2167.8	2148.1	2159.9	2135.5	2115.0	2093.8	2089.1	2087.5	2089.1
7.5°	2218.9	2199.2	2188.2	2167.8	2163.0	2119.8	2093.8	2068.6	2068.6	2056.0	2059.2
10°	2240.9	2225.2	2212.6	2167.8	2158.3	2121.3	2079.6	2065.5	2045.8	2023.8	2015.9
12.5°	2276.4	2254.3	2231.5	2189.8	2167.8	2115.0	2074.9	2036.4	2006.5	1969.5	1975.8
15°	2358.2	2318.1	2311.8	2257.5	2225.2	2150.5	2081.2	2039.5	2020.6	1975.8	1963.2
17.5°	2455.8	2410.9	2378.6	2324.3	2285.8	2185.1	2096.9	2036.4	2015.9	1969.5	1946.7
20°	2538.4	2503.0	2447.1	2384.9	2335.4	2215.8	2108.8	2056.0	2012.8	1953.7	1915.2
22.5°	2643.8	2602.1	2530.5	2493.5	2414.0	2282.6	2129.2	2056.0	2030.1	1950.6	1892.4
25°	2779.9	2717.8	2648.5	2576.9	2498.2	2329.1	2159.9	2096.9	2014.3	1921.5	1892.4
27.5°	2978.2	2902.7	2797.2	2714.6	2610.8	2397.5	2218.9	2107.2	2028.5	1953.7	1857.7
30°	3305.5	3254.4	3097.8	3001.8	2831.1	2516.3	2271.6	2152.0	2047.4	1927.8	1838.1
32.5°	3841.4	3779.2	3607.7	3475.5	3274.1	2893.2	2414.0	2222.1	2054.5	1912.0	1801.9
35°	4378.8	4245.8	4061.7	3967.3	3716.3	3275.6	2741.4	2442.4	2185.1	1905.7	1743.7
37.5°	4843.8	4699.8	4544.8	4326.1	4143.5	3573.1	3049.8	2708.3	2381.8	1998.6	1738.9
40°	5205.0	5182.2	4923.3	4776.2	4573.2	3990.1	3278.8	2970.4	2541.5	2081.2	1786.9
42.5°	5566.2	5511.9	5270.3	5131.0	4792.7	4242.7	3568.4	2947.5	2606.0	2068.6	1757.0
45°	5999.7	5860.4	5710.2	5403.3	5206.6	4501.6	3614.0	3133.2	2639.1	2071.8	1737.4
47.5°	6354.6	6161.0	5991.1	5716.5	5535.5	4825.7	3772.9	3101.0	2639.1	2033.2	1606.7
50°	6681.9	6560.7	6294.8	6087.1	5788.1	5005.1	3872.1	3120.6	2618.6	1864.0	1443.9
52.5°	6958.9	6864.5	6559.2	6342.8	6009.2	5147.6	3870.5	3075.8	2473.1	1617.8	1199.2
55°	7220.9	7052.5	6827.5	6509.6	6258.6	5291.6	3858.7	2877.5	2244.1	1355.7	997.7
57.5°	7442.8	7257.1	7032.1	6700.8	6461.6	5387.5	3822.5	2724.1	1974.2	1154.3	832.5
60°	7626.9	7471.9	7196.5	6883.3	6567.0	5425.3	3655.7	2394.4	1724.8	933.2	711.3
62.5°	7777.2	7602.5	7301.9	6953.4	6621.3	5390.7	3441.7	2110.3	1472.2	760.9	583.8
65°	7834.6	7650.5	7363.3	6976.2	6565.5	5228.6	3123.8	1786.9	1208.6	623.2	503.6
67.5°	7605.7	7346.8	7113.9	6694.5	6271.2	4850.1	2816.9	1467.5	926.9	460.3	421.8
70°	7084.8	6819.6	6600.1	6154.7	5703.9	4315.9	2466.8	1070.9	666.5	370.6	362.7
72.5°	6595.4	6186.2	5939.9	5329.3	4971.3	3703.7	1945.1	760.9	446.1	281.7	263.6
75°	5849.4	5425.3	5245.1	4670.7	4301.7	2957.0	1416.3	534.3	329.7	230.5	226.6
77.5°	4803.7	4242.7	4276.5	3714.7	3353.5	2127.6	946.6	319.5	215.6	134.6	134.6
80°	2685.5	2381.8	2564.3	2222.1	2177.2	1336.1	542.1	182.5	128.3	66.9	54.3
82.5°	1255.0	1144.9	1247.2	1115.8	1080.3	644.4	221.9	73.2	63.7	35.4	33.8
85°	587.0	479.2	508.3	424.9	433.6	195.1	55.9	6.3	29.1	22.0	22.0
87.5°	9.4	0.0	6.3	0.0	7.9	9.4	7.9	0.0	6.3	6.3	4.7
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°	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6	2164.6
2.5°	2119.8	2118.2	2104.0	2102.5	2093.8	2093.8	2100.9	2082.8	2078.1	2085.9	2093.8
5°	2093.8	2084.4	2062.3	2063.9	2052.9	2052.9	2045.8	2028.5	2011.2	2019.1	2003.3
7.5°	2052.9	2033.2	2004.9	2001.7	1982.1	1982.1	1966.3	1955.3	1940.4	1924.6	1921.5
10°	1994.7	1985.2	1963.2	1950.6	1937.2	1924.6	1912.0	1893.9	1857.7	1849.9	1825.5
12.5°	1953.7	1949.0	1915.2	1890.8	1864.0	1842.8	1819.2	1801.9	1772.8	1738.9	1712.2
15°	1943.5	1924.6	1882.9	1870.3	1831.8	1812.9	1786.9	1755.5	1702.7	1670.5	1628.8
17.5°	1892.4	1884.5	1844.4	1833.4	1780.6	1757.0	1716.9	1689.4	1641.4	1591.8	1555.6
20°	1867.2	1834.9	1783.8	1768.0	1713.8	1687.8	1659.5	1614.6	1565.0	1501.3	1445.4
22.5°	1844.4	1797.2	1729.5	1713.8	1656.3	1631.9	1572.9	1544.6	1487.9	1399.0	1347.9
25°	1803.5	1746.0	1665.8	1636.6	1566.6	1537.5	1464.3	1430.5	1358.9	1278.6	1207.0
27.5°	1768.0	1718.5	1611.5	1561.9	1493.4	1443.9	1380.9	1329.8	1235.4	1131.5	1063.0
30°	1732.6	1641.4	1544.6	1481.6	1374.6	1326.6	1233.8	1192.9	1095.3	984.3	938.7
32.5°	1659.5	1574.5	1438.4	1369.9	1253.4	1200.7	1115.8	1035.5	930.1	863.2	816.7
35°	1591.8	1493.4	1339.2	1251.9	1115.8	1063.0	949.7	895.4	788.4	738.9	690.9
37.5°	1521.8	1402.2	1221.2	1133.1	959.2	917.5	824.6	782.9	706.6	627.9	605.9
40°	1464.3	1309.3	1125.2	1004.0	860.0	790.0	738.9	711.3	646.0	540.6	535.8
42.5°	1374.6	1179.5	952.9	847.4	709.7	669.6	620.0	601.2	534.3	454.0	489.4
45°	1281.8	1050.4	815.2	716.0	633.4	590.1	537.4	519.3	469.7	469.7	516.2
47.5°	1103.2	874.2	649.1	590.1	527.2	509.9	486.3	452.4	433.6	457.2	489.4
50°	886.0	695.6	553.2	524.0	495.7	487.8	486.3	479.2	458.7	471.3	486.3
52.5°	709.7	585.4	550.0	527.2	520.9	508.3	514.6	494.1	481.6	479.2	494.1
55°	607.4	542.1	534.3	537.4	527.2	522.5	517.7	503.6	500.4	494.1	492.6
57.5°	540.6	545.3	511.5	525.6	520.9	525.6	520.9	516.2	487.8	537.4	502.0
60°	530.3	513.0	489.4	497.3	498.9	503.6	502.0	495.7	479.2	494.1	491.0
62.5°	508.3	481.6	469.7	466.6	476.0	471.3	486.3	474.5	484.7	471.3	472.9
65°	469.7	458.7	454.0	454.0	466.6	461.9	469.7	466.6	468.2	460.3	441.4
67.5°	409.2	406.0	409.2	410.7	424.9	429.6	447.7	435.1	432.0	432.0	402.9
70°	351.7	356.4	354.9	359.6	376.9	404.4	412.3	412.3	418.6	421.8	387.1
72.5°	265.2	265.2	268.3	273.0	291.1	311.6	354.9	351.7	369.0	373.8	353.3
75°	210.9	204.6	214.0	220.3	230.5	230.5	271.5	283.3	322.6	310.0	292.7
77.5°	118.0	125.9	121.2	121.2	124.3	137.7	169.2	159.7	201.4	266.7	263.6
80°	54.3	59.0	60.6	59.0	54.3	86.6	105.4	102.3	136.1	210.9	249.4
82.5°	38.6	30.7	26.0	32.3	26.0	40.1	57.4	48.0	49.6	136.1	266.7
85°	26.0	23.6	22.0	27.5	15.7	33.8	35.4	40.1	33.8	59.0	229.0
87.5°	0.0	11.0	0.0	4.7	0.0	4.7	3.1	9.4	0.0	15.7	107.0
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):

	165°	175°	180°
0°	2164.6	2164.6	2164.6
2.5°	2098.5	2098.5	2104.0
5°	2003.3	2001.7	2001.7
7.5°	1923.1	1921.5	1918.3
10°	1812.9	1805.0	1812.9
12.5°	1701.2	1718.5	1710.6
15°	1625.6	1635.1	1624.1
17.5°	1524.9	1524.9	1531.2
20°	1406.9	1387.2	1390.4
22.5°	1318.8	1293.6	1310.9
25°	1202.3	1181.1	1170.0
27.5°	1050.4	1033.9	1016.6
30°	900.2	889.1	878.9
32.5°	773.5	753.0	754.6
35°	653.9	635.0	620.0
37.5°	561.0	554.7	572.0
40°	517.7	524.0	530.3
42.5°	492.6	503.6	486.3
45°	516.2	528.8	520.9
47.5°	513.0	539.0	534.3
50°	522.5	540.6	530.3
52.5°	509.9	514.6	505.2
55°	489.4	476.0	469.7
57.5°	481.6	452.4	428.0
60°	443.0	420.2	396.6
62.5°	439.8	402.9	390.3
65°	401.3	380.8	373.8
67.5°	348.6	336.0	332.8
70°	339.1	317.9	310.0
72.5°	276.2	238.4	230.5
75°	244.7	217.2	201.4
77.5°	251.0	281.7	265.2
80°	306.9	201.4	195.1
82.5°	229.0	125.9	128.3
85°	133.0	96.0	99.1
87.5°	70.0	44.9	51.1
90°	0.0	0.0	0.0

(END OF REPORT)