

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: P175605

Luminaire Tested: **VERD-G-A028-E-U-T2-7030-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P175605
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-T2-7030-AP
Description: VERDEON-G ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 3000K 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: 11598 lumens
Efficiency: N/A
Efficacy: 112.6 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

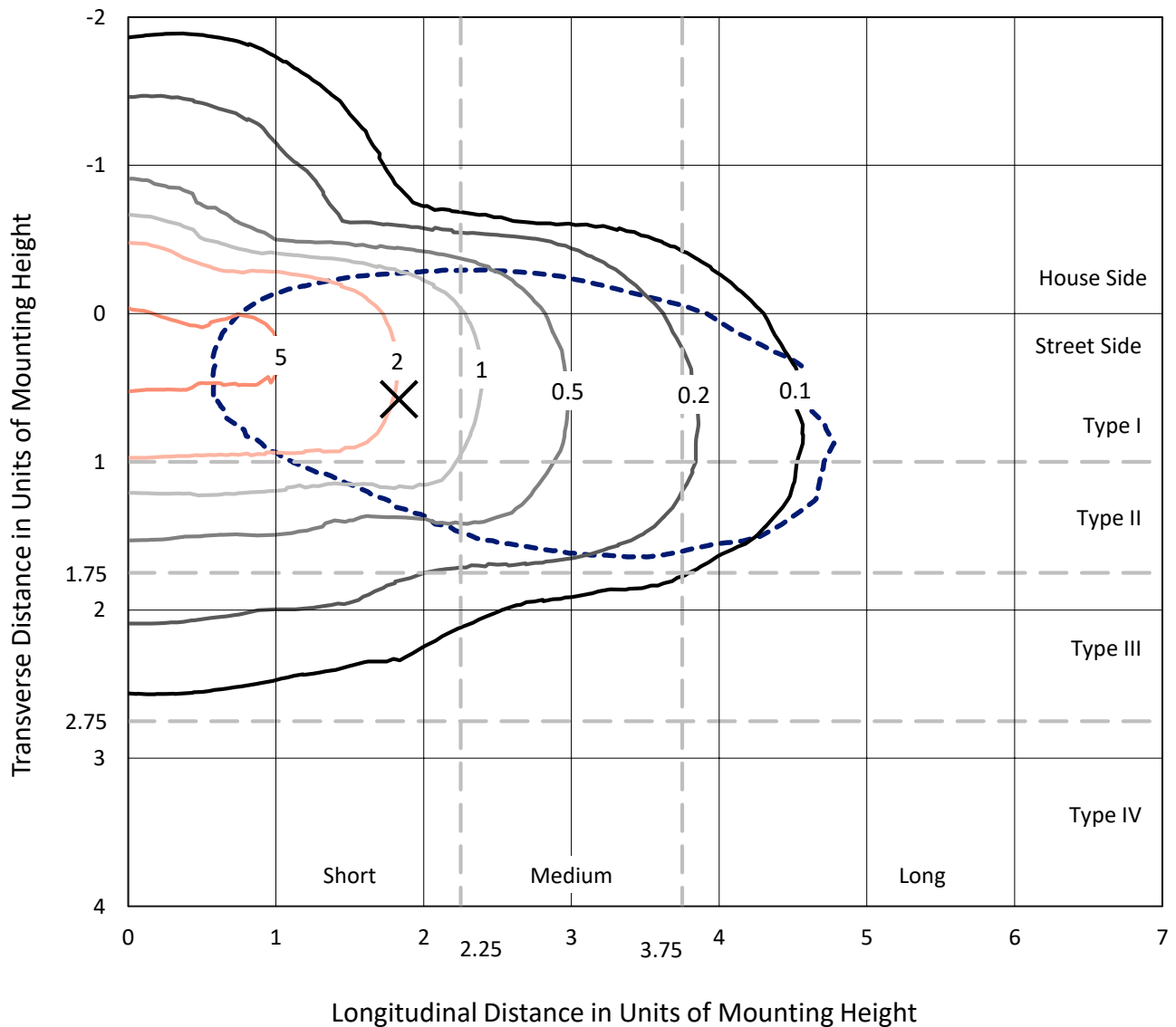


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

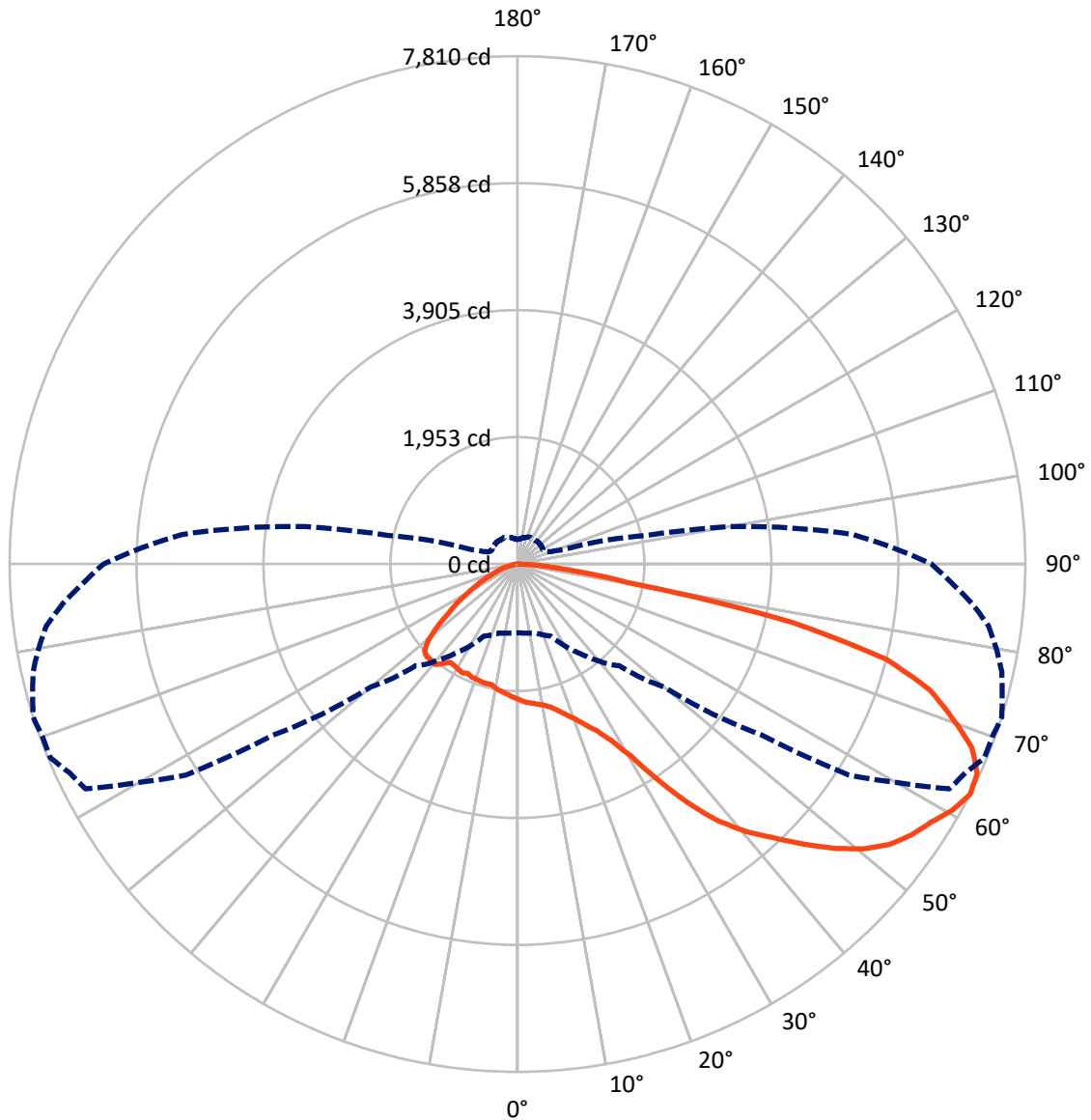


Based on 20 foot mounting height. Maximum calculated value = 6.2 fc
 Type II - Short - Non-Cutoff

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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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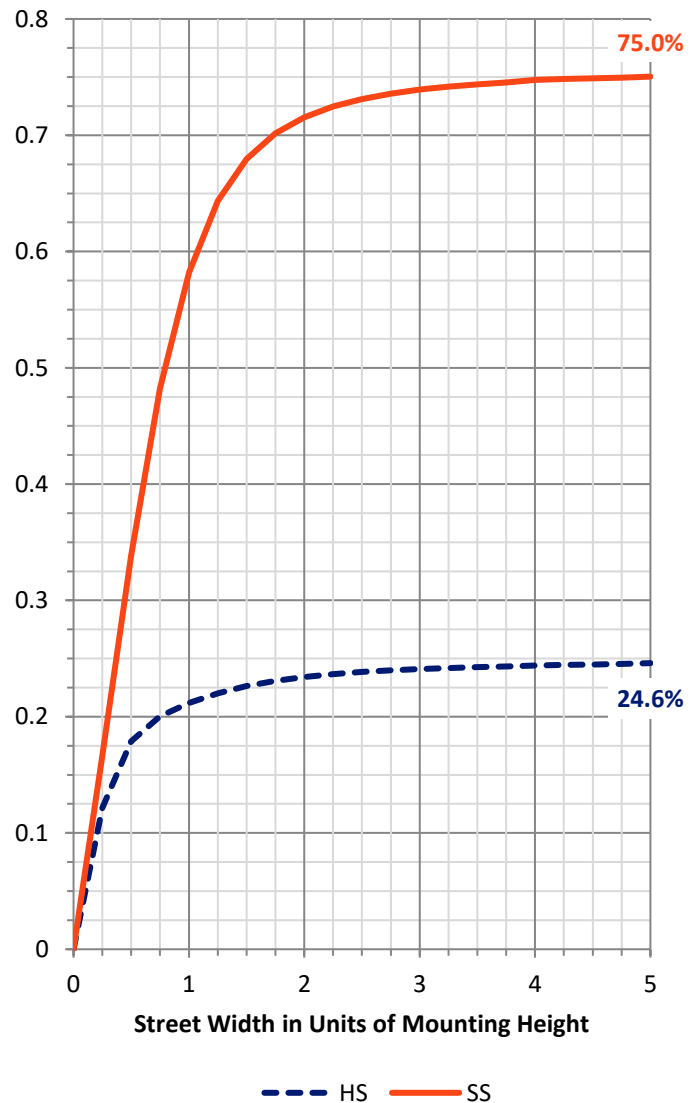
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2899.2	0.0	2899.2
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	8698.8	0.0	8698.8
	% Fixture	75.0	0.0	75.0
Total	Lumens	11598.0	0.0	11598.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.8	1.7
10°-20°	604.1	5.2
20°-30°	1015.8	8.8
30°-40°	1504.7	13.0
40°-50°	2032.6	17.5
50°-60°	2352.2	20.3
60°-70°	2300.5	19.8
70°-80°	1402.0	12.1
80°-90°	186.4	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°	11598.0	100.0
0°-180°	11598.0	100.0



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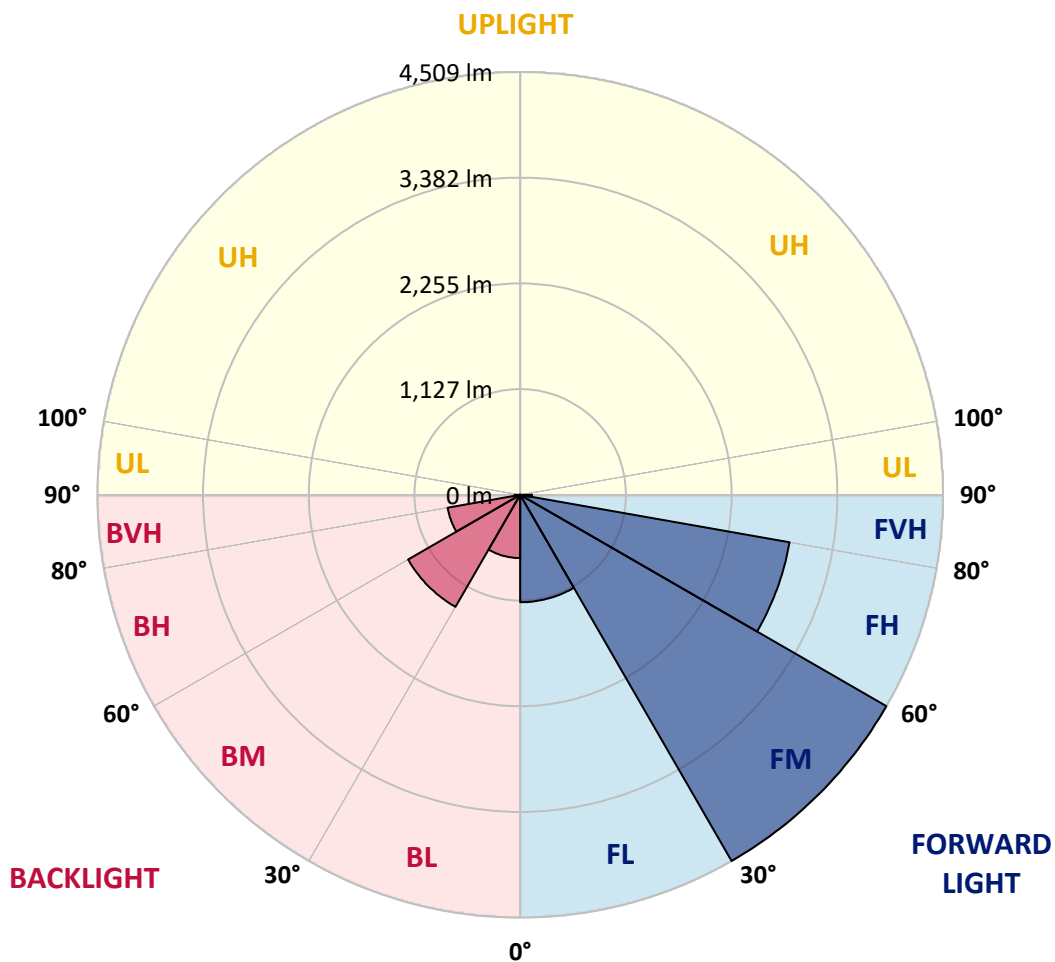
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1145.4	9.9			
FM	(30°-60°)	4509.2	38.9			
FH	(60°-80°)	2917.3	25.2			G2/5000
FVH	(80°-90°)	127.0	1.1			G2/225
BL	(0°-30°)	674.3	5.8	B2/1000		
BM	(30°-60°)	1380.2	11.9	B2/2500		
BH	(60°-80°)	785.2	6.8	B2/1000		G2/1000
BVH	(80°-90°)	59.4	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0
2.5°	2225.5	2217.9	2189.9	2179.3	2171.8	2182.4	2163.5	2160.4	2154.4	2163.5	2139.3
5°	2323.8	2322.3	2295.8	2286.8	2270.1	2271.6	2265.6	2249.7	2237.6	2234.6	2224.0
7.5°	2428.2	2406.3	2385.1	2376.0	2342.0	2345.0	2320.8	2326.9	2306.4	2304.9	2280.7
10°	2535.6	2525.0	2489.5	2475.9	2432.8	2431.2	2413.1	2403.3	2397.2	2370.0	2357.1
12.5°	2640.0	2624.9	2584.8	2572.7	2526.6	2526.6	2517.5	2501.6	2481.9	2468.3	2440.3
15°	2720.2	2714.2	2671.0	2657.4	2624.9	2606.7	2603.7	2587.8	2577.2	2566.6	2549.3
17.5°	2821.6	2815.5	2773.9	2757.3	2736.9	2729.3	2708.1	2695.2	2680.1	2652.9	2657.4
20°	2876.8	2872.3	2838.2	2824.6	2818.5	2818.5	2800.4	2781.5	2781.5	2763.3	2766.4
22.5°	2876.8	2885.9	2864.7	2890.4	2907.8	2916.9	2916.9	2901.8	2887.4	2879.8	2873.8
25°	2910.8	2907.8	2909.3	2946.4	3003.1	3012.2	3021.3	3027.3	3010.7	3006.1	3000.1
27.5°	2870.7	2873.8	2900.2	2995.6	3113.6	3150.6	3153.7	3168.8	3143.1	3177.9	3150.6
30°	2882.8	2887.4	2932.0	3053.8	3222.5	3279.2	3310.2	3322.3	3298.1	3341.3	3310.2
32.5°	2842.8	2848.1	2906.3	3067.4	3293.6	3393.5	3442.6	3485.7	3448.7	3528.9	3488.8
35°	2705.1	2715.7	2801.9	3016.7	3326.9	3454.7	3528.9	3575.0	3566.7	3694.5	3668.0
37.5°	2535.6	2546.2	2683.1	2944.9	3339.7	3503.9	3605.3	3697.5	3705.1	3848.1	3883.6
40°	2413.1	2429.7	2566.6	2852.6	3314.8	3537.9	3682.4	3808.0	3839.0	4066.7	4114.4
42.5°	2246.7	2268.6	2374.5	2692.2	3235.4	3488.8	3663.5	3829.9	3917.7	4201.3	4278.5
45°	2108.2	2125.6	2236.1	2526.6	3137.0	3411.6	3633.2	3860.2	3974.4	4327.7	4436.6
47.5°	1933.5	1953.2	2068.9	2332.9	2943.4	3258.0	3519.0	3798.9	3923.7	4364.7	4536.5
50°	1487.9	1510.6	1860.9	2183.9	2720.2	3064.4	3377.6	3673.3	3834.5	4364.7	4559.9
52.5°	1340.4	1358.6	1460.0	2025.8	2475.9	2800.4	3128.7	3482.7	3665.0	4266.4	4504.7
55°	1257.2	1261.8	1326.1	1698.2	2260.3	2501.6	2797.4	3168.8	3388.9	4056.9	4350.4
57.5°	1202.0	1211.1	1254.2	1446.3	2073.4	2249.7	2468.3	2741.4	2979.7	3660.5	4010.7
60°	1127.9	1143.8	1192.9	1324.6	1857.9	2006.9	2188.4	2394.2	2529.6	3119.6	3459.3
62.5°	1057.5	1065.1	1097.6	1223.2	1681.6	1813.2	1945.6	2093.1	2211.1	2599.9	2941.1
65°	974.3	984.9	1028.0	1143.8	1561.3	1696.7	1792.0	1896.4	1984.2	2298.9	2516.0
67.5°	869.9	898.7	935.7	1038.6	1382.8	1540.1	1589.3	1678.6	1750.4	1970.6	2167.2
70°	786.7	788.2	841.9	922.1	1160.4	1343.5	1392.6	1441.8	1504.6	1668.7	1833.6
72.5°	642.2	665.7	711.8	773.1	954.6	1124.8	1158.9	1208.1	1258.7	1343.5	1464.5
75°	540.9	559.8	591.5	651.3	776.1	863.9	962.2	974.3	1003.8	1005.3	1099.1
77.5°	279.9	295.0	332.1	376.7	491.7	528.8	636.2	627.1	646.8	608.9	688.4
80°	80.2	121.0	230.7	261.0	307.1	313.2	329.1	310.1	305.6	304.1	339.6
82.5°	49.2	64.3	144.5	165.7	184.6	144.5	113.5	95.3	95.3	89.3	93.8
85°	34.0	44.6	49.2	65.8	61.3	49.2	49.2	49.2	49.2	34.0	46.1
87.5°	18.2	15.1	16.6	18.2	18.2	3.0	6.1	15.1	10.6	0.0	4.5
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°	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0
2.5°	2136.2	2131.7	2124.1	2127.1	2105.2	2116.6	2114.3	2103.7	2124.1	2100.7	2099.2
5°	2209.6	2202.0	2173.3	2173.3	2145.3	2157.4	2136.2	2146.8	2145.3	2133.2	2105.2
7.5°	2283.7	2277.7	2240.6	2248.2	2209.6	2213.4	2179.3	2183.9	2176.3	2173.3	2139.3
10°	2332.9	2331.4	2311.7	2311.7	2274.7	2276.2	2237.6	2236.1	2206.6	2205.1	2191.4
12.5°	2422.2	2400.2	2382.1	2373.0	2348.0	2343.5	2304.9	2283.7	2255.7	2251.2	2246.7
15°	2526.6	2522.0	2501.6	2488.0	2462.3	2452.4	2410.1	2389.6	2339.0	2334.4	2323.8
17.5°	2627.9	2623.4	2599.9	2602.2	2569.7	2560.6	2523.5	2485.0	2437.3	2429.7	2416.1
20°	2748.2	2735.3	2729.3	2720.2	2692.2	2680.1	2627.9	2587.8	2544.7	2529.6	2474.4
22.5°	2867.7	2860.2	2864.7	2844.3	2839.7	2809.5	2784.5	2726.3	2686.2	2644.6	2590.9
25°	3018.3	3003.1	3003.1	2975.1	2975.1	2938.1	2916.9	2870.7	2842.8	2795.1	2757.3
27.5°	3174.8	3150.6	3174.8	3149.1	3156.7	3115.1	3119.6	3064.4	3073.5	2987.2	2963.0
30°	3365.5	3338.2	3371.5	3351.8	3405.6	3367.0	3430.5	3387.4	3414.6	3313.3	3304.2
32.5°	3575.0	3557.6	3648.4	3615.9	3743.7	3724.0	3854.1	3808.0	3940.4	3819.3	3845.1
35°	3786.8	3771.7	3961.6	3958.5	4171.1	4198.3	4438.1	4375.3	4512.2	4357.2	4339.8
37.5°	4047.8	4049.3	4275.5	4330.7	4656.7	4695.3	4945.7	4867.0	5007.0	4836.0	4856.4
40°	4333.7	4369.3	4647.7	4739.2	5145.4	5182.5	5455.5	5354.2	5409.4	5230.1	5224.8
42.5°	4567.5	4644.6	4988.8	5120.4	5575.8	5606.1	5805.8	5723.3	5747.5	5641.6	5563.0
45°	4828.4	4932.8	5357.2	5494.1	5966.2	5999.4	6215.0	6109.1	6137.9	6033.5	5947.2
47.5°	5016.0	5139.3	5677.2	5798.2	6337.6	6343.6	6571.3	6440.5	6528.2	6383.7	6319.4
50°	5154.5	5336.0	5978.3	6106.1	6684.8	6684.8	6912.5	6774.0	6888.3	6697.6	6694.6
52.5°	5215.8	5463.1	6206.0	6358.0	7032.8	7010.8	7229.4	7064.5	7164.4	6964.7	6927.6
55°	5151.5	5498.7	6380.7	6626.5	7302.8	7249.1	7429.1	7305.8	7355.0	7218.1	7109.2
57.5°	4914.7	5395.8	6482.1	6802.0	7505.5	7482.8	7579.7	7516.9	7496.5	7413.3	7284.7
60°	4438.1	5087.2	6426.8	6900.4	7570.6	7618.3	7742.3	7694.7	7684.1	7594.8	7475.3
62.5°	3798.9	4590.2	6039.5	6718.8	7487.4	7599.3	7776.3	7771.8	7810.4	7718.1	7628.8
65°	3242.9	4166.5	5766.5	6606.9	7284.7	7459.4	7693.1	7724.2	7770.3	7754.4	7678.0
67.5°	2708.1	3402.5	5234.7	6325.5	7174.2	7304.3	7423.1	7496.5	7539.6	7499.5	7423.1
70°	2209.6	2674.1	4253.5	5434.4	6451.8	6751.4	6924.6	7010.8	7094.0	7083.4	6921.6
72.5°	1650.6	1914.6	2760.3	3789.8	5172.6	5753.6	6045.6	6377.7	6639.4	6568.3	6445.7
75°	1174.0	1320.0	1690.7	2271.6	3267.1	4344.3	5243.7	5693.8	5864.8	5930.6	5671.1
77.5°	691.4	811.7	989.4	1304.9	1921.4	2335.9	2873.8	3839.0	4315.6	4725.6	4549.3
80°	378.2	415.3	454.6	577.9	814.7	956.2	1115.8	1398.7	1714.9	2114.3	2317.8
82.5°	104.4	144.5	156.6	224.7	359.3	473.5	584.0	771.6	891.1	1031.0	1109.7
85°	43.1	55.2	37.1	71.9	144.5	235.3	264.0	382.8	421.3	500.8	497.7
87.5°	3.0	12.1	0.0	4.5	0.0	13.6	0.0	9.1	0.0	4.5	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°	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0
2.5°	2075.0	2087.1	2078.0	2081.0	2085.5	2062.1	2050.0	2043.9	2043.9	2047.0	2039.4
5°	2090.1	2090.1	2084.0	2065.1	2076.5	2053.0	2033.3	2012.9	2008.4	2006.9	2008.4
7.5°	2133.2	2114.3	2103.7	2084.0	2079.5	2037.9	2012.9	1988.7	1988.7	1976.6	1979.6
10°	2154.4	2139.3	2127.1	2084.0	2075.0	2039.4	1999.3	1985.7	1966.8	1945.6	1938.0
12.5°	2188.4	2167.2	2145.3	2105.2	2084.0	2033.3	1994.8	1957.7	1929.0	1893.4	1899.5
15°	2267.1	2228.5	2222.5	2170.3	2139.3	2067.4	2000.8	1960.7	1942.6	1899.5	1887.4
17.5°	2360.9	2317.8	2286.8	2234.6	2197.5	2100.7	2016.0	1957.7	1938.0	1893.4	1871.5
20°	2440.3	2406.3	2352.6	2292.8	2245.2	2130.2	2027.3	1976.6	1935.0	1878.3	1841.2
22.5°	2541.7	2501.6	2432.8	2397.2	2320.8	2194.5	2047.0	1976.6	1951.7	1875.2	1819.3
25°	2672.6	2612.8	2546.2	2477.4	2401.7	2239.1	2076.5	2016.0	1936.5	1847.3	1819.3
27.5°	2863.2	2790.6	2689.2	2609.8	2509.9	2304.9	2133.2	2025.8	1950.1	1878.3	1786.0
30°	3177.9	3128.7	2978.2	2885.9	2721.7	2419.1	2183.9	2068.9	1968.3	1853.3	1767.1
32.5°	3693.0	3633.2	3468.3	3341.3	3147.6	2781.5	2320.8	2136.2	1975.1	1838.2	1732.3
35°	4209.7	4081.8	3904.8	3814.0	3572.7	3149.1	2635.5	2348.0	2100.7	1832.1	1676.3
37.5°	4656.7	4518.3	4369.3	4159.0	3983.5	3435.1	2932.0	2603.7	2289.8	1921.4	1671.8
40°	5003.9	4982.0	4733.1	4591.7	4396.5	3836.0	3152.1	2855.6	2443.3	2000.8	1717.9
42.5°	5351.2	5299.0	5066.7	4932.8	4607.6	4078.8	3430.5	2833.7	2505.4	1988.7	1689.2
45°	5768.0	5634.1	5489.6	5194.6	5005.5	4327.7	3474.4	3012.2	2537.1	1991.7	1670.3
47.5°	6109.1	5923.0	5759.6	5495.6	5321.7	4639.3	3627.2	2981.2	2537.1	1954.7	1544.7
50°	6423.8	6307.3	6051.6	5851.9	5564.5	4811.8	3722.5	3000.1	2517.5	1792.0	1388.1
52.5°	6690.1	6599.3	6305.8	6097.8	5777.0	4948.7	3721.0	2957.0	2377.5	1555.3	1152.8
55°	6942.0	6780.1	6563.8	6258.1	6016.8	5087.2	3709.7	2766.4	2157.4	1303.4	959.2
57.5°	7155.3	6976.8	6760.4	6442.0	6212.0	5179.4	3674.9	2618.8	1897.9	1109.7	800.3
60°	7332.3	7183.3	6918.5	6617.5	6313.4	5215.8	3514.5	2301.9	1658.1	897.2	683.8
62.5°	7476.8	7308.9	7019.9	6684.8	6365.6	5182.5	3308.7	2028.8	1415.3	731.5	561.3
65°	7532.0	7355.0	7078.9	6706.7	6311.9	5026.6	3003.1	1717.9	1161.9	599.1	484.1
67.5°	7311.9	7063.0	6839.1	6435.9	6028.9	4662.8	2708.1	1410.8	891.1	442.5	405.5
70°	6811.1	6556.2	6345.1	5917.0	5483.5	4149.2	2371.5	1029.5	640.7	356.3	348.7
72.5°	6340.6	5947.2	5710.5	5123.5	4779.3	3560.6	1870.0	731.5	428.9	270.8	253.4
75°	5623.5	5215.8	5042.5	4490.3	4135.5	2842.8	1361.6	513.6	317.0	221.6	217.9
77.5°	4618.2	4078.8	4111.3	3571.2	3224.0	2045.5	910.0	307.1	207.3	129.4	129.4
80°	2581.8	2289.8	2465.3	2136.2	2093.1	1284.5	521.2	175.5	123.3	64.3	52.2
82.5°	1206.5	1100.6	1199.0	1072.7	1038.6	619.5	213.3	70.4	61.3	34.0	32.5
85°	564.3	460.7	488.7	408.5	416.8	187.6	53.7	6.1	28.0	21.2	21.2
87.5°	9.1	0.0	6.1	0.0	7.6	9.1	7.6	0.0	6.1	6.1	4.5
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°	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0	2081.0
2.5°	2037.9	2036.4	2022.8	2021.2	2012.9	2012.9	2019.7	2002.3	1997.8	2005.4	2012.9
5°	2012.9	2003.8	1982.7	1984.2	1973.6	1973.6	1966.8	1950.1	1933.5	1941.1	1925.9
7.5°	1973.6	1954.7	1927.4	1924.4	1905.5	1905.5	1890.4	1879.8	1865.4	1850.3	1847.3
10°	1917.6	1908.5	1887.4	1875.2	1862.4	1850.3	1838.2	1820.8	1786.0	1778.4	1755.0
12.5°	1878.3	1873.7	1841.2	1817.8	1792.0	1771.6	1748.9	1732.3	1704.3	1671.8	1646.0
15°	1868.4	1850.3	1810.2	1798.1	1761.0	1742.9	1717.9	1687.6	1637.0	1606.0	1565.9
17.5°	1819.3	1811.7	1773.1	1762.5	1711.9	1689.2	1650.6	1624.1	1578.0	1530.3	1495.5
20°	1795.1	1764.1	1714.9	1699.8	1647.6	1622.6	1595.4	1552.2	1504.6	1443.3	1389.6
22.5°	1773.1	1727.7	1662.7	1647.6	1592.3	1568.9	1512.2	1484.9	1430.5	1345.0	1295.8
25°	1733.8	1678.6	1601.4	1573.4	1506.1	1478.1	1407.8	1375.2	1306.4	1229.2	1160.4
27.5°	1699.8	1652.1	1549.2	1501.6	1435.8	1388.1	1327.6	1278.4	1187.6	1087.8	1022.0
30°	1665.7	1578.0	1484.9	1424.4	1321.5	1275.4	1186.1	1146.8	1053.0	946.3	902.4
32.5°	1595.4	1513.7	1382.8	1317.0	1205.0	1154.3	1072.7	995.5	894.1	829.8	785.2
35°	1530.3	1435.8	1287.5	1203.5	1072.7	1022.0	913.0	860.8	758.0	710.3	664.2
37.5°	1463.0	1348.0	1174.0	1089.3	922.1	882.0	792.8	752.7	679.3	603.7	582.5
40°	1407.8	1258.7	1081.7	965.2	826.8	759.5	710.3	683.8	621.0	519.7	515.1
42.5°	1321.5	1133.9	916.1	814.7	682.3	643.7	596.1	577.9	513.6	436.5	470.5
45°	1232.3	1009.9	783.7	688.4	608.9	567.3	516.7	499.3	451.6	451.6	496.2
47.5°	1060.5	840.4	624.1	567.3	506.8	490.2	467.5	435.0	416.8	439.5	470.5
50°	851.8	668.7	531.8	503.8	476.6	469.0	467.5	460.7	441.0	453.1	467.5
52.5°	682.3	562.8	528.8	506.8	500.8	488.7	494.7	475.1	462.9	460.7	475.1
55°	584.0	521.2	513.6	516.7	506.8	502.3	497.7	484.1	481.1	475.1	473.5
57.5°	519.7	524.2	491.7	505.3	500.8	505.3	500.8	496.2	469.0	516.7	482.6
60°	509.9	493.2	470.5	478.1	479.6	484.1	482.6	476.6	460.7	475.1	472.0
62.5°	488.7	462.9	451.6	448.6	457.7	453.1	467.5	456.1	466.0	453.1	454.6
65°	451.6	441.0	436.5	436.5	448.6	444.0	451.6	448.6	450.1	442.5	424.4
67.5°	393.4	390.3	393.4	394.9	408.5	413.0	430.4	418.3	415.3	415.3	387.3
70°	338.1	342.7	341.2	345.7	362.3	388.8	396.4	396.4	402.4	405.5	372.2
72.5°	254.9	254.9	258.0	262.5	279.9	299.6	341.2	338.1	354.8	359.3	339.6
75°	202.7	196.7	205.8	211.8	221.6	221.6	261.0	272.3	310.1	298.0	281.4
77.5°	113.5	121.0	116.5	116.5	119.5	132.4	162.6	153.6	193.7	256.4	253.4
80°	52.2	56.7	58.2	56.7	52.2	83.2	101.4	98.3	130.9	202.7	239.8
82.5°	37.1	29.5	25.0	31.0	25.0	38.6	55.2	46.1	47.7	130.9	256.4
85°	25.0	22.7	21.2	26.5	15.1	32.5	34.0	38.6	32.5	56.7	220.1
87.5°	0.0	10.6	0.0	4.5	0.0	4.5	3.0	9.1	0.0	15.1	102.9
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°	2081.0	2081.0	2081.0
2.5°	2017.5	2017.5	2022.8
5°	1925.9	1924.4	1924.4
7.5°	1848.8	1847.3	1844.2
10°	1742.9	1735.3	1742.9
12.5°	1635.5	1652.1	1644.5
15°	1562.8	1571.9	1561.3
17.5°	1466.0	1466.0	1472.1
20°	1352.5	1333.6	1336.7
22.5°	1267.8	1243.6	1260.3
25°	1155.9	1135.4	1124.8
27.5°	1009.9	994.0	977.3
30°	865.4	854.8	845.0
32.5°	743.6	723.9	725.4
35°	628.6	610.5	596.1
37.5°	539.4	533.3	549.9
40°	497.7	503.8	509.9
42.5°	473.5	484.1	467.5
45°	496.2	508.3	500.8
47.5°	493.2	518.2	513.6
50°	502.3	519.7	509.9
52.5°	490.2	494.7	485.6
55°	470.5	457.7	451.6
57.5°	462.9	435.0	411.5
60°	425.9	403.9	381.3
62.5°	422.9	387.3	375.2
65°	385.8	366.1	359.3
67.5°	335.1	323.0	320.0
70°	326.0	305.6	298.0
72.5°	265.5	229.2	221.6
75°	235.3	208.8	193.7
77.5°	241.3	270.8	254.9
80°	295.0	193.7	187.6
82.5°	220.1	121.0	123.3
85°	127.8	92.3	95.3
87.5°	67.3	43.1	49.2
90°	0.0	0.0	0.0

(END OF REPORT)