

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: P175623

Luminaire Tested: **VERD-G-A028-E-U-T3-7030-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P175623
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-G-A028-E-U-T3-7030-AP
Description: VERDEON-G ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 3000K LEDS AT 80% STANDARD LUMENS AND TYPE III OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11484 lumens
Efficiency: N/A
Efficacy: 111.5 lumens/watt
Luminous Opening: Rectangular (W 0.9' x L: 1.25' x H: 0')
IES Classification: Type III - Medium - Semi-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

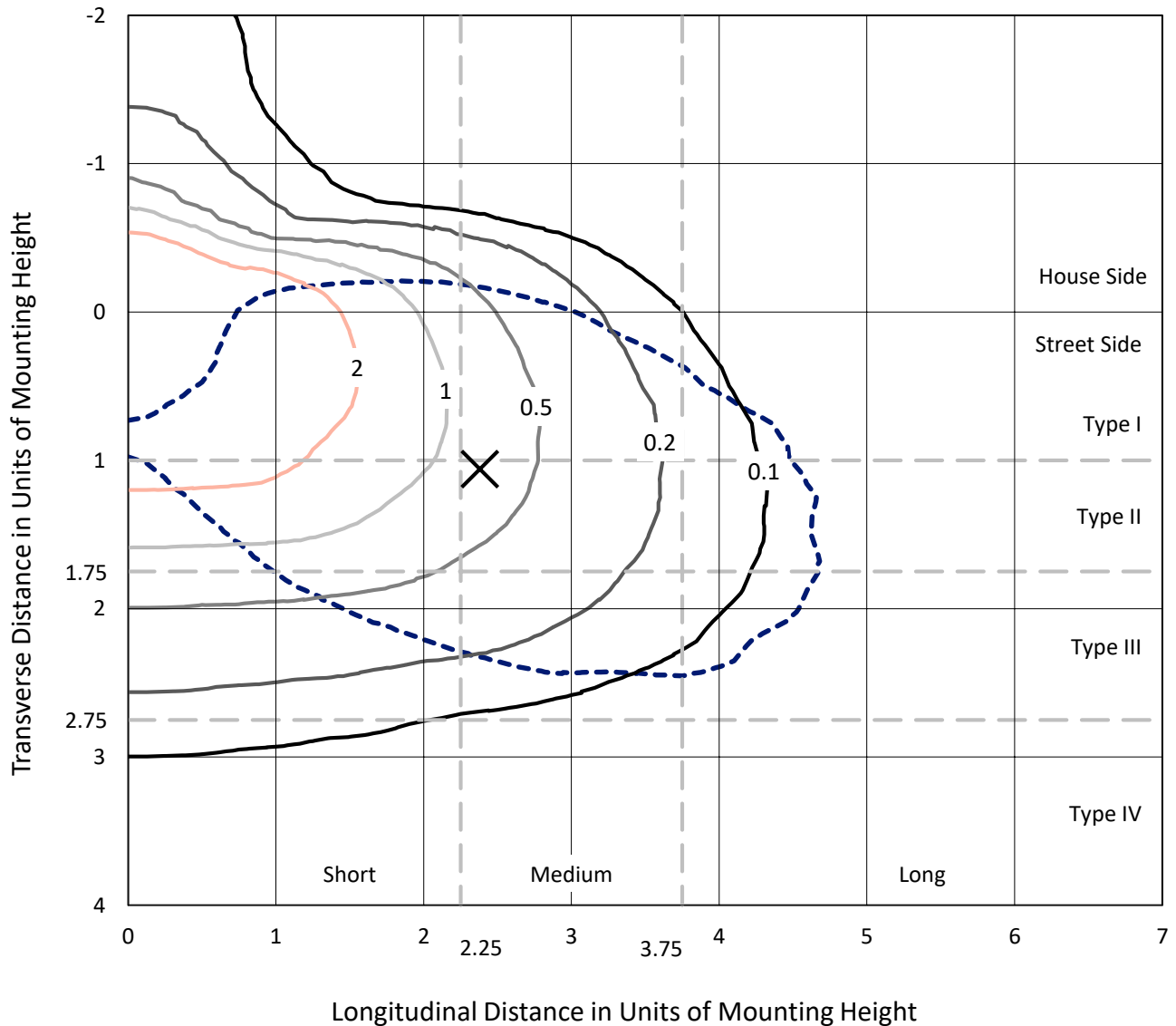


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

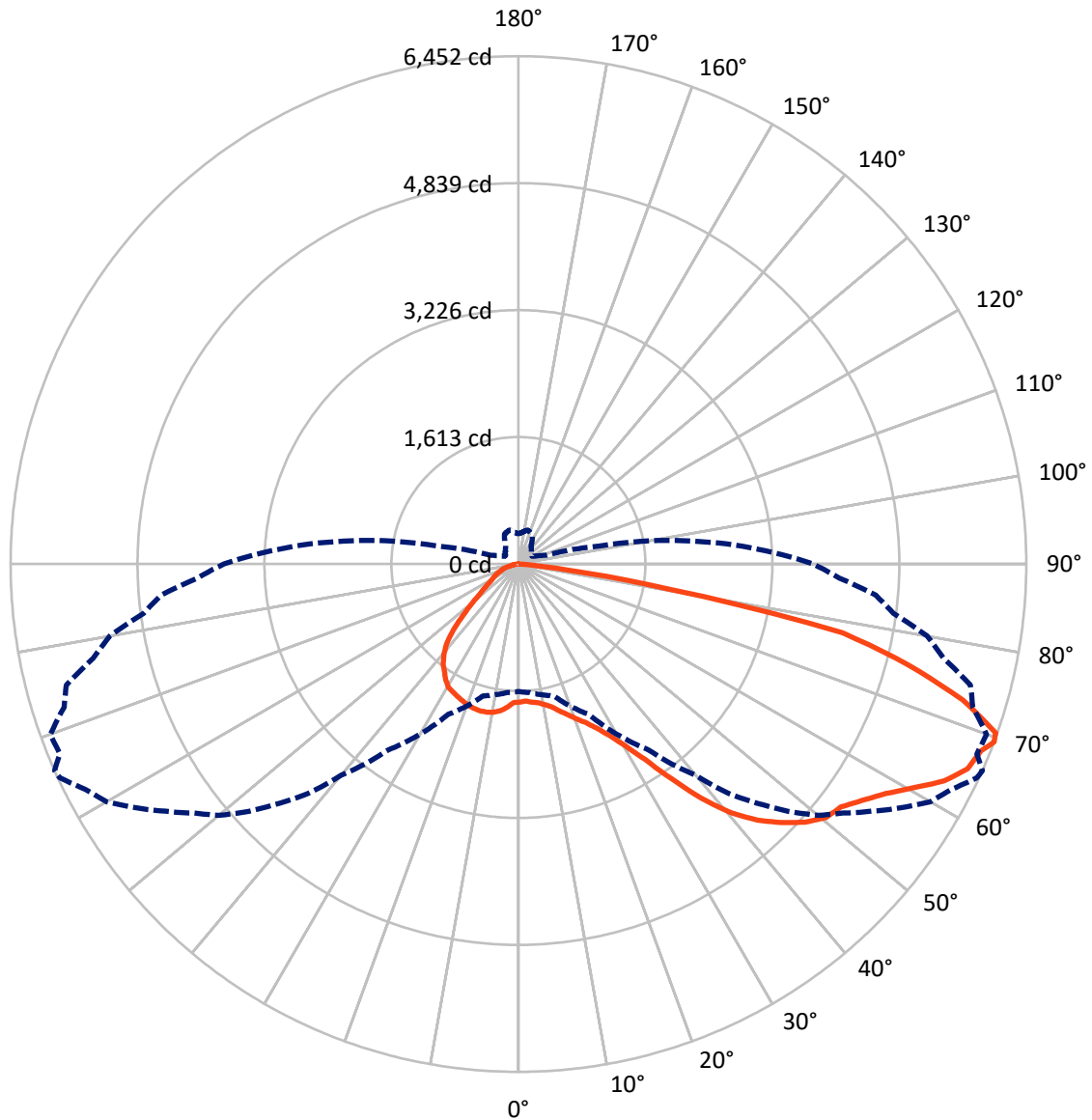


Based on 20 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Medium - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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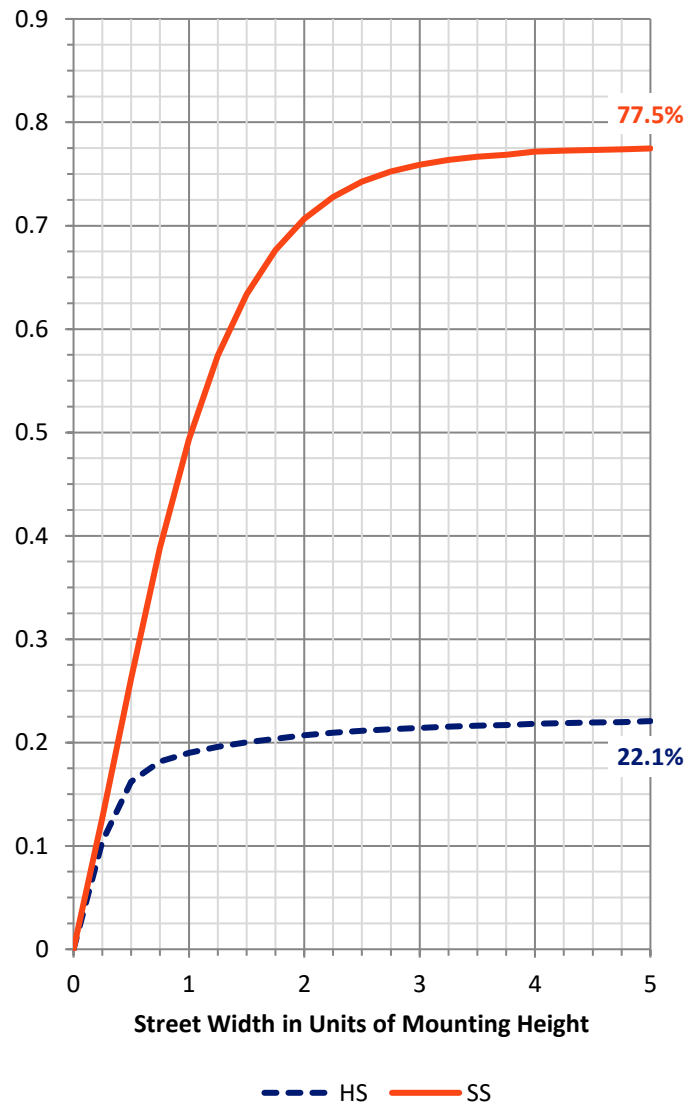
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2580.6	0.0	2580.6
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	8903.4	0.0	8903.4
	% Fixture	77.5	0.0	77.5
Total	Lumens	11484.0	0.0	11484.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.7	1.5
10°-20°	561.5	4.9
20°-30°	961.7	8.4
30°-40°	1442.1	12.6
40°-50°	1962.2	17.1
50°-60°	2308.7	20.1
60°-70°	2424.3	21.1
70°-80°	1502.1	13.1
80°-90°	144.7	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°	11484.0	100.0
0°-180°	11484.0	100.0



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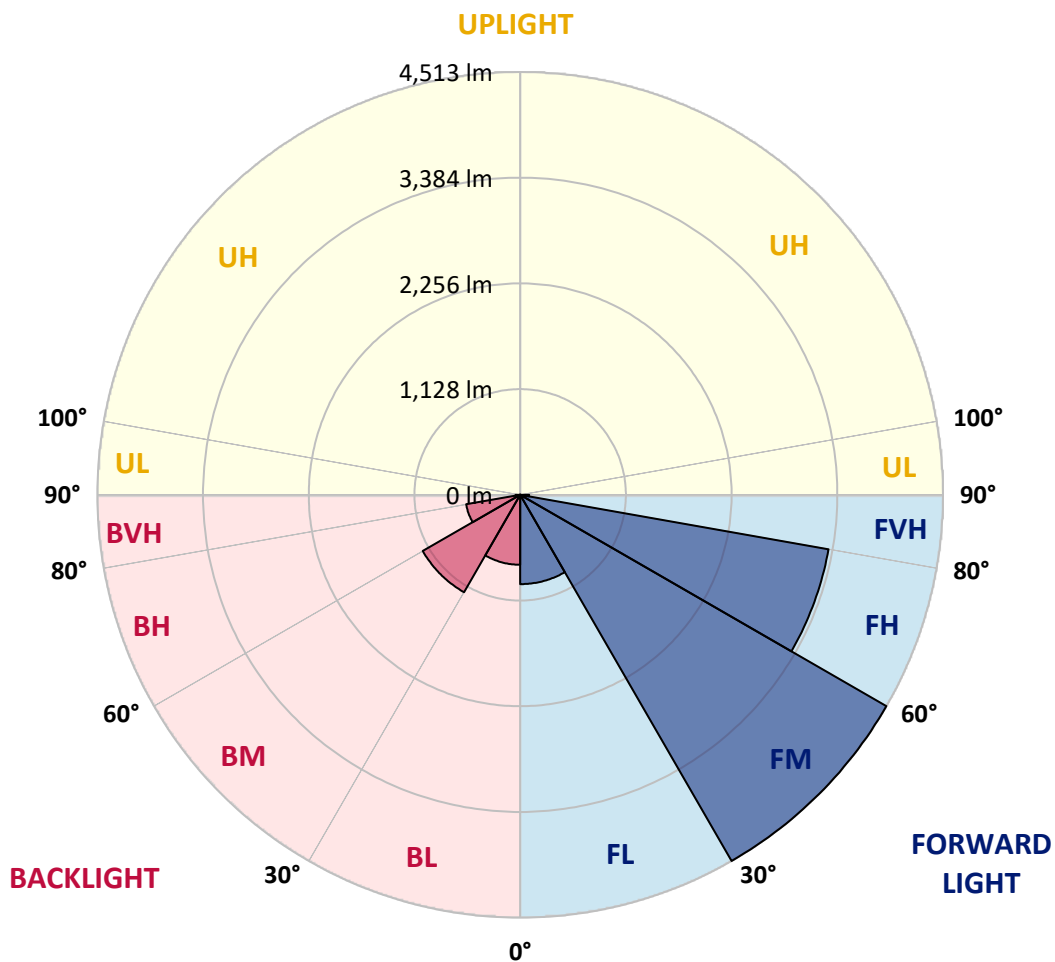
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	953.4	8.3			
FM (30°-60°)	4512.6	39.3			
FH (60°-80°)	3341.3	29.1			G2/5000
FVH (80°-90°)	96.2	0.8			G1/100
BL (0°-30°)	746.6	6.5	B2/1000		
BM (30°-60°)	1200.4	10.5	B2/2500		
BH (60°-80°)	585.1	5.1	B2/1000		G2/1000
BVH (80°-90°)	48.5	0.4			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1
2.5°	1782.9	1782.9	1764.0	1760.9	1757.9	1748.8	1742.8	1742.8	1736.7	1742.8	1745.8
5°	1819.2	1810.1	1790.4	1788.9	1779.9	1779.9	1779.9	1770.0	1764.0	1760.9	1760.9
7.5°	1871.4	1860.8	1845.7	1832.0	1820.7	1813.1	1795.0	1810.1	1799.5	1798.0	1799.5
10°	1954.6	1947.0	1919.0	1916.0	1890.3	1881.2	1865.3	1865.3	1859.3	1856.3	1847.2
12.5°	2031.7	2028.7	1999.2	1993.2	1965.2	1951.6	1942.5	1939.5	1925.8	1921.3	1906.9
15°	2145.2	2131.6	2109.7	2099.1	2062.0	2052.9	2034.8	2019.6	2011.3	2006.8	2002.2
17.5°	2249.6	2242.0	2219.3	2201.9	2160.3	2148.2	2127.1	2124.0	2099.1	2090.0	2077.9
20°	2369.9	2357.0	2334.3	2326.7	2297.2	2265.5	2237.5	2237.5	2208.0	2182.3	2177.7
22.5°	2498.5	2484.8	2453.8	2449.3	2422.1	2406.2	2369.9	2357.0	2322.2	2301.8	2273.0
25°	2642.9	2624.8	2603.6	2596.8	2575.6	2566.5	2520.4	2514.3	2462.1	2443.2	2422.1
27.5°	2769.3	2776.8	2766.2	2758.7	2742.8	2726.1	2692.1	2692.1	2630.8	2621.7	2590.7
30°	2941.0	2928.9	2934.9	2930.4	2910.7	2907.7	2885.7	2882.7	2829.0	2833.5	2781.4
32.5°	3073.3	3076.4	3090.7	3093.8	3099.8	3104.3	3082.4	3061.2	3027.2	3049.1	2993.9
35°	3177.7	3177.7	3228.4	3296.5	3308.6	3356.2	3328.2	3319.2	3262.4	3313.1	3254.9
37.5°	3263.9	3268.5	3304.0	3390.3	3472.7	3528.7	3518.9	3537.8	3493.1	3574.8	3531.7
40°	3328.2	3329.8	3391.8	3496.2	3634.6	3712.5	3718.6	3746.5	3729.9	3832.8	3815.4
42.5°	3267.0	3276.1	3390.3	3594.5	3779.1	3878.9	3912.2	3977.3	3984.8	4105.8	4102.8
45°	3193.6	3205.7	3333.5	3630.1	3903.1	4032.5	4105.8	4214.0	4236.7	4376.6	4378.2
47.5°	3125.5	3145.9	3276.1	3603.6	4015.8	4183.0	4287.4	4419.8	4472.0	4594.5	4602.8
50°	3061.2	3079.4	3222.3	3583.9	4115.7	4321.4	4450.8	4607.3	4658.0	4776.0	4771.5
52.5°	2925.8	2947.8	3114.9	3517.3	4163.3	4388.7	4527.2	4668.6	4745.8	4877.4	4868.3
55°	2800.3	2827.5	2993.9	3437.9	4166.4	4401.6	4558.2	4696.6	4785.1	4932.6	4926.6
57.5°	2658.8	2669.4	2842.6	3313.1	4105.8	4364.5	4518.1	4696.6	4786.6	4960.6	4987.1
60°	2471.2	2500.0	2661.8	3142.9	3998.4	4302.5	4512.0	4720.8	4831.2	5055.9	5109.6
62.5°	2295.7	2311.6	2468.2	2941.0	3815.4	4164.8	4407.7	4668.6	4850.2	5096.0	5232.9
65°	2071.8	2097.6	2232.9	2673.9	3551.4	3906.1	4192.1	4515.1	4765.4	5049.9	5240.5
67.5°	1798.0	1817.7	1934.9	2344.9	3159.6	3506.8	3829.8	4238.2	4539.3	4831.2	5088.4
69°	1619.5	1639.9	1733.7	2105.1	2882.7	3202.7	3503.7	3955.3	4298.0	4650.5	4966.6
70°	1487.9	1498.5	1593.8	1930.4	2672.4	2981.0	3242.8	3718.6	4096.8	4536.2	4868.3
72.5°	1121.8	1136.9	1208.0	1465.9	2045.4	2326.7	2560.5	2944.7	3378.9	3916.0	4278.3
75°	762.5	761.0	828.3	986.4	1279.9	1462.9	1662.6	2012.8	2392.6	2867.6	3350.2
77.5°	251.9	257.9	299.5	445.5	576.4	621.0	648.3	777.6	1089.2	1352.5	1860.8
80°	98.3	101.4	167.2	221.6	287.4	310.1	326.0	384.3	439.5	509.8	651.3
82.5°	61.3	84.7	116.5	132.4	133.9	126.3	119.5	144.5	180.0	224.7	262.5
85°	40.1	53.7	53.7	56.7	56.7	52.2	40.1	58.2	80.2	89.3	107.4
87.5°	21.2	32.5	31.0	26.5	19.7	12.1	0.0	6.1	12.1	15.1	7.6
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):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1
2.5°	1745.8	1744.3	1727.7	1744.3	1733.7	1742.8	1742.8	1727.7	1747.3	1751.9	1756.4
5°	1757.9	1762.5	1754.9	1756.4	1754.9	1757.9	1762.5	1757.9	1767.0	1773.0	1767.0
7.5°	1785.9	1793.5	1770.0	1787.4	1767.0	1770.0	1778.3	1770.0	1790.4	1795.0	1788.9
10°	1835.1	1835.1	1829.0	1829.0	1816.2	1817.7	1814.6	1810.1	1816.2	1804.1	1820.7
12.5°	1884.2	1887.3	1868.4	1879.7	1862.3	1862.3	1859.3	1850.2	1859.3	1856.3	1856.3
15°	1966.7	1973.5	1948.5	1959.1	1939.5	1936.4	1934.9	1933.4	1928.9	1917.5	1933.4
17.5°	2055.9	2051.4	2034.8	2022.7	2006.8	2009.8	2008.3	2009.8	2000.7	1994.7	2003.8
20°	2148.2	2146.7	2130.1	2116.5	2102.1	2096.0	2097.6	2096.0	2087.0	2090.0	2091.5
22.5°	2271.5	2243.5	2246.6	2216.3	2206.5	2195.9	2188.3	2203.4	2182.3	2209.5	2188.3
25°	2413.0	2380.5	2391.0	2341.9	2332.8	2313.1	2309.3	2329.8	2311.6	2354.0	2331.3
27.5°	2572.6	2538.5	2541.6	2501.5	2486.4	2468.2	2468.2	2511.3	2484.8	2523.4	2480.3
30°	2775.3	2744.3	2769.3	2700.4	2701.9	2678.5	2681.5	2741.3	2705.0	2754.1	2703.4
32.5°	3021.1	2970.5	3009.0	2946.3	2968.9	2946.3	2962.9	3046.1	3009.0	3082.4	2992.4
35°	3288.9	3239.7	3313.1	3267.0	3319.2	3335.1	3351.7	3460.6	3439.4	3531.7	3459.1
37.5°	3605.1	3572.6	3639.1	3634.6	3734.4	3746.5	3773.0	3912.2	3886.5	4010.5	3917.5
40°	3925.1	3889.5	4007.5	3983.3	4115.7	4129.3	4155.0	4306.3	4260.2	4333.5	4224.6
42.5°	4204.2	4195.1	4275.3	4273.8	4404.6	4418.2	4445.5	4558.2	4503.0	4530.2	4427.3
45°	4490.1	4459.8	4555.2	4536.2	4677.7	4673.2	4685.3	4794.9	4742.7	4729.9	4630.0
47.5°	4683.7	4662.6	4763.9	4745.8	4890.3	4878.9	4900.8	4963.6	4897.8	4902.4	4801.0
50°	4868.3	4842.6	4932.6	4916.0	5030.9	5046.8	5063.5	5102.0	5021.9	4966.6	4885.0
52.5°	4966.6	4916.0	4991.6	5000.7	5108.1	5108.1	5127.8	5148.2	5111.1	5105.1	5033.2
55°	5003.7	4983.3	5052.9	5071.0	5221.6	5266.2	5298.7	5332.8	5315.4	5304.8	5218.5
57.5°	5089.9	5077.1	5203.4	5248.0	5409.2	5464.4	5499.9	5569.5	5535.5	5467.4	5360.0
60°	5277.5	5304.8	5455.3	5495.4	5698.1	5745.8	5770.7	5799.5	5782.8	5683.0	5550.6
62.5°	5403.1	5489.3	5673.9	5770.7	5981.0	6058.2	6070.3	6067.2	5999.2	5857.7	5718.5
65°	5443.2	5572.5	5821.4	5984.0	6189.8	6265.4	6270.0	6245.0	6192.8	5993.1	5845.6
67.5°	5326.7	5534.0	5821.4	6015.0	6232.9	6335.8	6337.3	6279.0	6273.0	6039.3	5922.8
69°	5197.4	5475.7	5763.2	6039.3	6198.9	6428.1	6451.5	6304.0	6328.2	6051.4	5945.5
70°	5129.3	5432.6	5744.2	6039.3	6232.9	6397.8	6432.6	6337.3	6299.5	5993.1	5864.5
72.5°	4604.3	4954.5	5391.0	5661.0	5793.4	5913.7	5900.8	5845.6	5807.0	5498.4	5386.5
75°	3740.5	4081.6	4487.1	4757.9	4886.5	5100.5	5115.7	5062.0	5089.9	4779.1	4699.6
77.5°	2304.8	2866.1	3291.9	3691.3	3823.7	4158.8	4212.5	4201.2	4261.7	3980.3	3894.0
80°	759.4	968.2	1167.9	1497.0	1450.8	1862.3	1944.0	1945.5	2059.0	1592.3	1765.5
82.5°	289.0	359.3	427.4	512.1	540.8	580.9	585.5	568.8	619.5	552.9	546.9
85°	86.2	98.3	86.2	99.8	101.4	124.8	110.4	83.2	113.5	89.3	84.7
87.5°	6.1	9.1	9.1	19.7	0.0	19.7	12.1	9.1	9.1	12.1	10.6
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):

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1
2.5°	1754.9	1748.8	1751.9	1750.4	1751.9	1759.4	1754.9	1745.8	1748.8	1756.4	1745.8
5°	1770.0	1760.9	1779.9	1748.8	1767.0	1776.8	1779.9	1782.9	1782.9	1784.4	1798.0
7.5°	1788.9	1771.5	1788.9	1787.4	1798.0	1799.5	1811.6	1822.2	1835.1	1829.0	1841.1
10°	1819.2	1820.7	1826.0	1822.2	1832.0	1830.5	1850.2	1866.8	1881.2	1873.7	1875.2
12.5°	1887.3	1866.8	1884.2	1871.4	1884.2	1884.2	1893.3	1890.3	1914.5	1902.4	1893.3
15°	1954.6	1937.9	1951.6	1937.9	1948.5	1945.5	1941.0	1927.4	1945.5	1941.0	1936.4
17.5°	2028.7	2003.8	2022.7	1996.2	2003.8	1984.1	1966.7	1939.5	1960.6	1937.9	1927.4
20°	2102.1	2091.5	2090.0	2065.0	2052.9	2042.3	1997.7	1962.2	1970.5	1950.0	1917.5
22.5°	2191.3	2176.2	2167.1	2127.1	2114.2	2094.5	2039.3	1984.1	1970.5	1953.1	1924.3
25°	2323.7	2286.7	2277.6	2232.9	2222.4	2180.8	2093.0	2024.2	2003.8	1978.0	1933.4
27.5°	2480.3	2425.1	2410.0	2346.4	2338.8	2273.0	2185.3	2079.4	2031.7	1979.5	1942.5
30°	2698.1	2602.1	2596.8	2508.3	2498.5	2403.1	2279.1	2157.3	2090.0	2024.2	1957.6
32.5°	3033.2	2901.6	2913.7	2787.4	2775.3	2620.2	2410.0	2231.4	2136.1	2059.0	1951.6
35°	3546.8	3400.9	3387.2	3247.3	3211.8	3047.6	2767.7	2416.0	2234.5	2094.5	1954.6
37.5°	3919.0	3807.8	3774.5	3646.7	3512.8	3382.7	3061.2	2661.8	2449.3	2243.5	1997.7
40°	4183.0	4063.5	3989.4	3855.5	3749.6	3620.2	3280.6	2872.1	2621.7	2375.9	2090.0
42.5°	4385.7	4273.8	4192.1	4069.5	3961.4	3789.7	3419.0	2939.4	2680.0	2449.3	2099.1
45°	4573.3	4461.4	4373.6	4239.7	4121.7	3972.7	3562.0	2970.5	2673.9	2403.1	2055.9
47.5°	4735.9	4614.9	4490.1	4353.9	4223.1	4081.6	3655.8	3021.1	2642.9	2332.8	1911.5
50°	4807.0	4707.2	4601.3	4462.9	4318.4	4183.0	3718.6	2996.9	2520.4	2183.8	1723.9
52.5°	4948.5	4801.0	4680.7	4540.8	4382.7	4221.6	3708.0	2909.2	2338.8	1957.6	1493.9
55°	5108.1	4977.2	4810.1	4676.2	4478.0	4284.4	3742.0	2804.8	2179.2	1802.5	1324.5
57.5°	5246.5	5100.5	4899.3	4751.8	4515.1	4306.3	3666.4	2673.9	2034.8	1653.5	1180.0
60°	5381.9	5239.0	5012.8	4831.2	4549.1	4293.4	3593.0	2596.8	1930.4	1522.7	1005.3
62.5°	5504.5	5338.8	5037.8	4841.1	4496.2	4239.7	3496.2	2452.3	1748.8	1366.1	823.7
65°	5581.6	5381.9	5012.8	4798.0	4416.7	4149.0	3335.1	2245.1	1549.1	1141.4	645.2
67.5°	5581.6	5347.9	4914.5	4691.3	4238.2	3926.6	3033.2	1933.4	1254.1	894.1	460.7
69°	5532.5	5270.7	4804.0	4556.7	4081.6	3742.0	2764.7	1701.2	1057.5	710.3	366.1
70°	5467.4	5200.4	4677.7	4403.1	3940.2	3574.8	2569.6	1553.7	925.1	587.0	335.1
72.5°	5009.8	4751.8	4164.8	3888.0	3381.2	3046.1	2094.5	1080.2	522.7	335.1	270.8
75°	4296.5	4089.2	3479.5	3207.2	2677.0	2378.9	1419.8	503.8	295.0	254.9	208.8
77.5°	3381.2	3170.2	2649.0	2338.8	1788.9	1501.5	574.9	269.3	221.6	177.0	138.4
80°	1358.5	1301.8	801.8	788.2	491.7	436.5	281.4	187.6	150.5	121.0	86.2
82.5°	445.5	434.9	366.1	336.6	276.8	262.5	187.6	130.9	98.3	80.2	49.2
85°	64.3	78.7	74.1	74.1	52.2	59.8	44.6	35.6	28.0	22.7	12.1
87.5°	0.0	4.5	3.0	7.6	6.1	9.1	12.1	12.1	3.0	12.1	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°	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1	1754.1
2.5°	1762.5	1764.0	1759.4	1767.0	1770.0	1776.8	1776.8	1782.9	1776.8	1779.9	1802.5
5°	1816.2	1829.0	1822.2	1829.0	1838.1	1838.1	1851.7	1862.3	1856.3	1863.8	1905.4
7.5°	1856.3	1884.2	1875.2	1890.3	1891.8	1905.4	1899.4	1927.4	1916.0	1917.5	1954.6
10°	1897.9	1905.4	1913.0	1917.5	1921.3	1942.5	1930.4	1942.5	1947.0	1947.0	1976.5
12.5°	1908.4	1924.3	1925.8	1939.5	1922.8	1951.6	1936.4	1954.6	1944.0	1942.5	1962.2
15°	1931.9	1933.4	1922.8	1930.4	1927.4	1963.7	1944.0	1957.6	1931.9	1936.4	1950.0
17.5°	1919.0	1921.3	1917.5	1924.3	1913.0	1930.4	1908.4	1921.3	1900.9	1888.8	1887.3
20°	1931.9	1921.3	1893.3	1899.4	1887.3	1896.3	1871.4	1871.4	1844.2	1830.5	1785.9
22.5°	1914.5	1893.3	1871.4	1850.2	1833.6	1832.0	1808.6	1813.1	1765.5	1722.4	1668.7
25°	1906.9	1859.3	1847.2	1801.0	1798.0	1776.8	1730.7	1720.9	1676.2	1611.9	1540.1
27.5°	1917.5	1850.2	1813.1	1767.0	1733.7	1681.5	1650.5	1607.4	1552.2	1481.1	1357.0
30°	1900.9	1838.1	1776.8	1687.6	1659.6	1583.2	1532.5	1478.0	1422.8	1330.5	1177.0
32.5°	1888.8	1792.0	1702.7	1595.3	1550.7	1453.8	1409.2	1321.5	1266.2	1149.8	956.1
35°	1841.1	1723.9	1616.5	1500.0	1437.2	1330.5	1257.2	1158.8	1081.7	943.3	733.0
37.5°	1827.5	1650.5	1544.6	1379.7	1295.7	1167.9	1086.2	962.2	885.0	734.5	585.5
40°	1841.1	1576.4	1425.9	1238.3	1120.3	971.2	866.9	740.5	655.8	543.9	451.6
42.5°	1822.2	1472.0	1284.4	1041.6	903.9	728.4	618.0	522.7	482.6	413.0	342.7
45°	1729.2	1336.6	1078.7	786.7	652.8	503.8	428.9	369.1	357.8	321.5	304.1
47.5°	1571.8	1115.7	865.3	574.9	464.4	369.1	341.1	313.2	316.9	304.1	296.5
50°	1381.2	931.2	689.9	451.6	379.7	353.2	329.0	316.9	316.9	302.6	301.1
52.5°	1170.9	746.6	545.4	372.2	333.6	316.9	298.0	301.1	284.4	275.3	275.3
55°	1009.8	615.0	469.0	344.2	311.6	295.0	299.5	282.9	279.9	270.8	281.4
57.5°	865.3	506.8	405.4	326.0	302.6	282.9	287.4	264.0	269.3	267.0	279.9
60°	705.7	424.4	367.6	304.1	281.4	273.8	264.0	254.9	251.9	247.3	272.3
62.5°	561.3	375.2	335.1	285.9	261.0	248.9	245.8	248.9	244.3	248.9	275.3
65°	442.5	332.1	308.6	267.8	247.3	248.9	238.3	239.8	247.3	251.9	285.9
67.5°	360.8	282.9	267.0	233.7	223.1	211.8	217.8	227.7	230.7	236.8	287.4
69°	316.9	267.8	239.8	211.8	199.7	199.7	198.2	211.8	221.6	230.7	279.9
70°	290.5	227.7	229.2	193.6	183.1	178.5	192.1	196.7	204.2	227.7	285.9
72.5°	245.8	208.8	205.7	172.5	174.0	168.7	174.0	202.7	192.1	223.1	295.0
75°	183.1	159.6	156.6	141.5	139.9	144.5	150.5	162.6	177.0	199.7	272.3
77.5°	130.9	107.4	119.5	95.3	102.9	92.3	107.4	119.5	133.9	158.1	244.3
80°	86.2	74.1	83.2	61.3	70.3	64.3	81.7	86.2	78.7	110.4	183.1
82.5°	55.2	52.2	53.7	37.1	44.6	40.1	43.1	40.1	50.7	59.8	116.5
85°	13.6	12.1	26.5	21.2	12.1	15.1	16.6	28.0	26.5	28.0	44.6
87.5°	0.0	0.0	10.6	0.0	3.0	0.0	3.0	15.1	12.1	15.1	12.1
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°	1754.1	1754.1	1754.1	1754.1
2.5°	1826.0	1850.2	1844.2	1859.3
5°	1930.4	1962.2	1962.2	1982.6
7.5°	1973.5	2006.8	2006.8	2022.7
10°	1999.2	2034.8	2036.3	2055.9
12.5°	1972.0	2000.7	2006.8	2028.7
15°	1939.5	1945.5	1948.5	1963.7
17.5°	1856.3	1862.3	1865.3	1871.4
20°	1760.9	1751.9	1747.3	1757.9
22.5°	1635.4	1608.9	1592.3	1592.3
25°	1461.4	1447.8	1410.7	1404.7
27.5°	1269.3	1240.5	1211.0	1205.0
30°	1065.0	1024.9	1000.7	1011.3
32.5°	831.3	819.2	819.2	832.8
35°	664.1	679.3	685.3	694.4
37.5°	549.9	584.0	596.1	611.9
40°	425.9	472.0	512.1	537.8
42.5°	353.2	413.8	453.1	464.4
45°	336.6	391.8	427.4	430.4
47.5°	333.6	382.7	419.8	430.4
50°	335.1	396.4	428.9	433.4
52.5°	316.9	369.1	399.4	396.4
55°	332.1	381.2	396.4	396.4
57.5°	338.1	396.4	433.4	439.5
60°	351.7	466.0	505.3	506.8
62.5°	393.3	540.8	500.7	482.6
65°	462.9	577.9	512.1	485.6
67.5°	428.9	466.0	410.0	405.4
69°	416.8	447.0	397.9	384.3
70°	402.4	438.0	397.9	393.3
72.5°	407.0	445.5	347.2	326.0
75°	382.7	425.9	330.6	301.1
77.5°	362.3	400.9	326.0	298.0
80°	301.1	366.1	323.0	313.2
82.5°	207.3	289.0	279.9	298.0
85°	107.4	180.0	226.2	264.0
87.5°	35.6	71.9	105.9	119.5
90°	0.0	0.0	0.0	0.0

(END OF REPORT)