

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: INVUE

Report Number: P151048

Luminaire Tested: **VXS-E06-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151048
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-E06-LED-E1-SL3-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15375 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G3

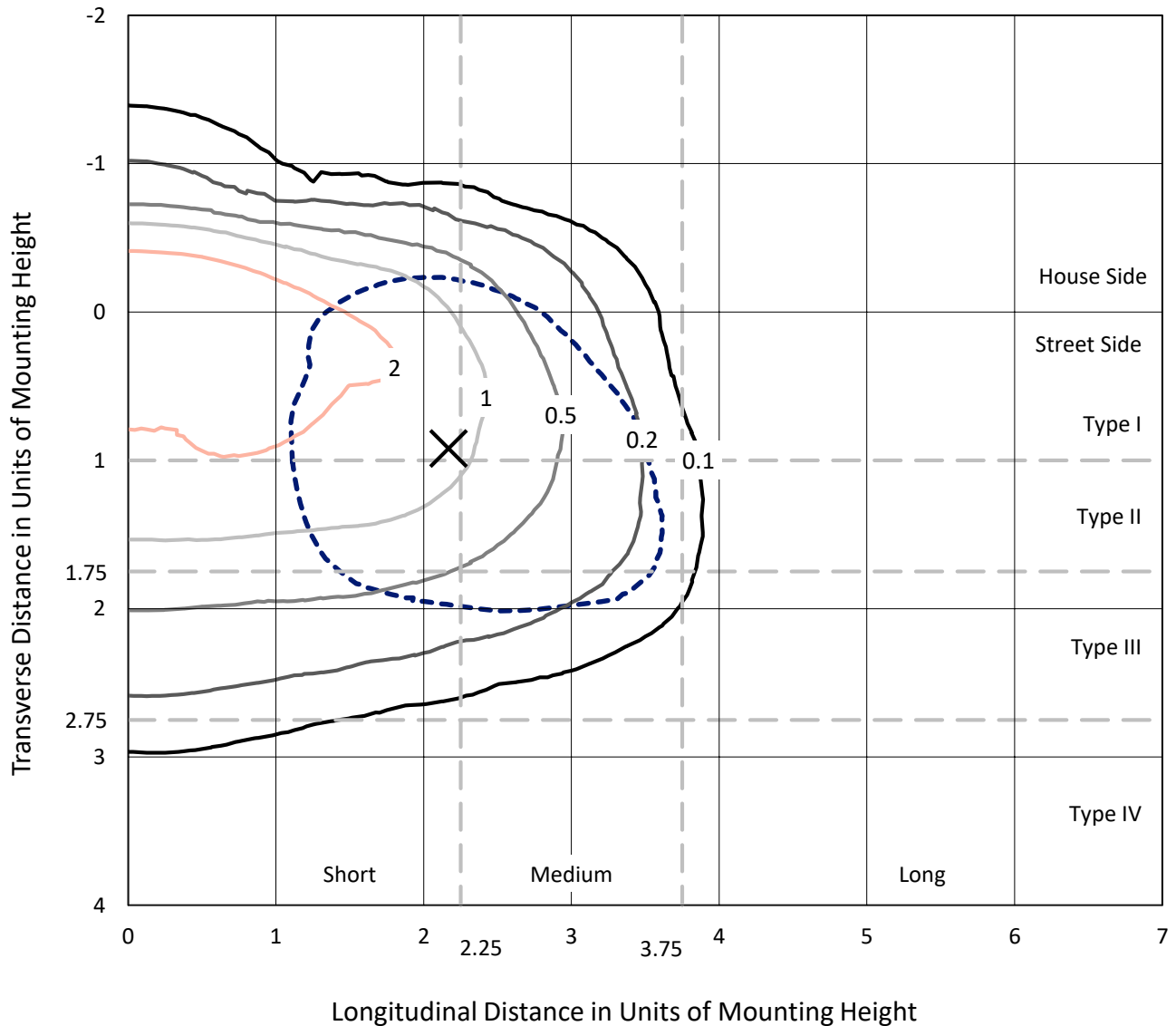
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

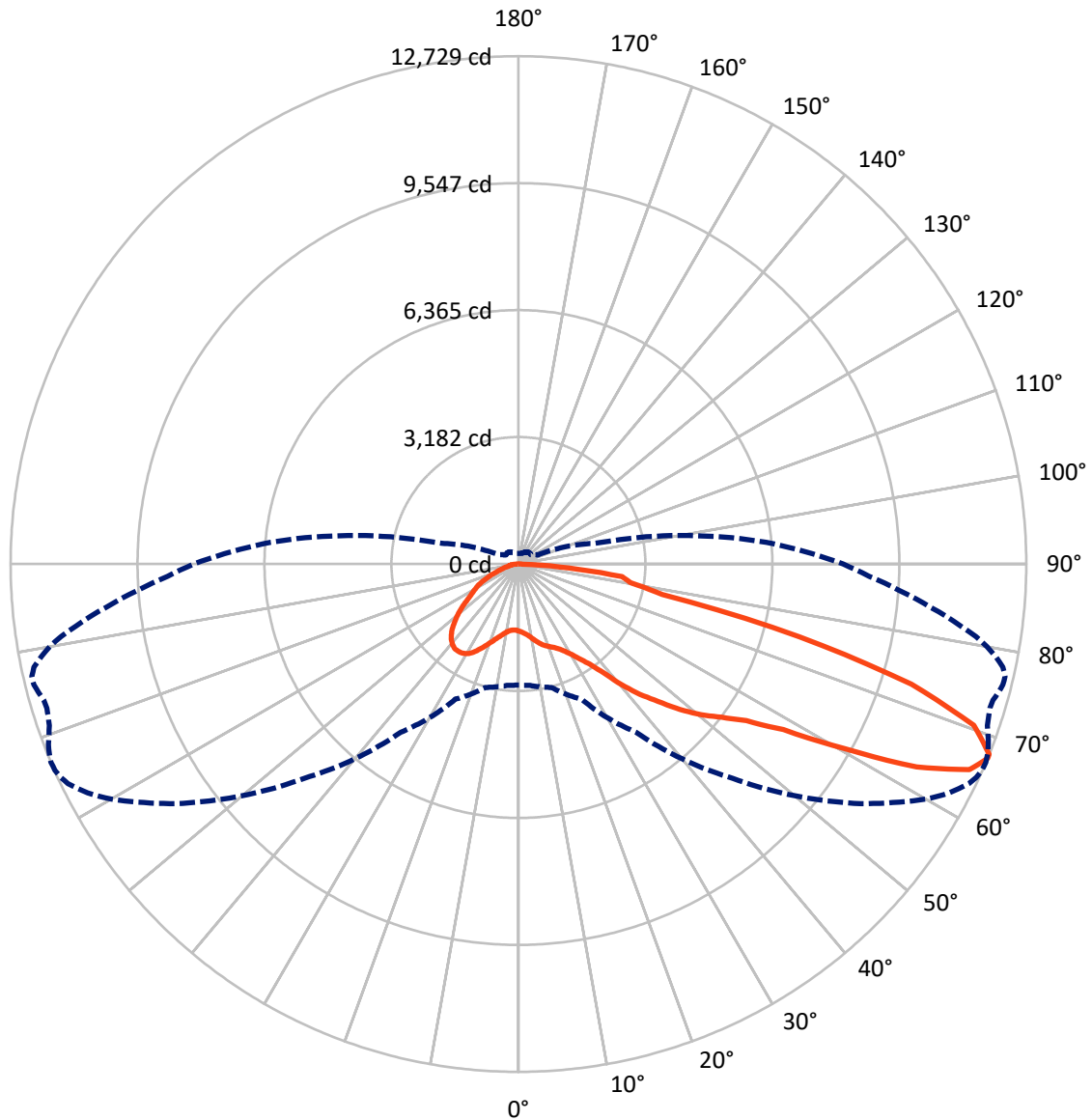
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3548.0	0.0	3548.0
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	11827.0	0.0	11827.0
	% Fixture	76.9	0.0	76.9
Total	Lumens	15375.0	0.0	15375.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.2	1.1
10°-20°	573.4	3.7
20°-30°	1012.4	6.6
30°-40°	1453.2	9.5
40°-50°	2207.1	14.4
50°-60°	3249.6	21.1
60°-70°	4318.6	28.1
70°-80°	2112.8	13.7
80°-90°	280.5	1.8
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°	15375.0	100.0
0°-180°	15375.0	100.0



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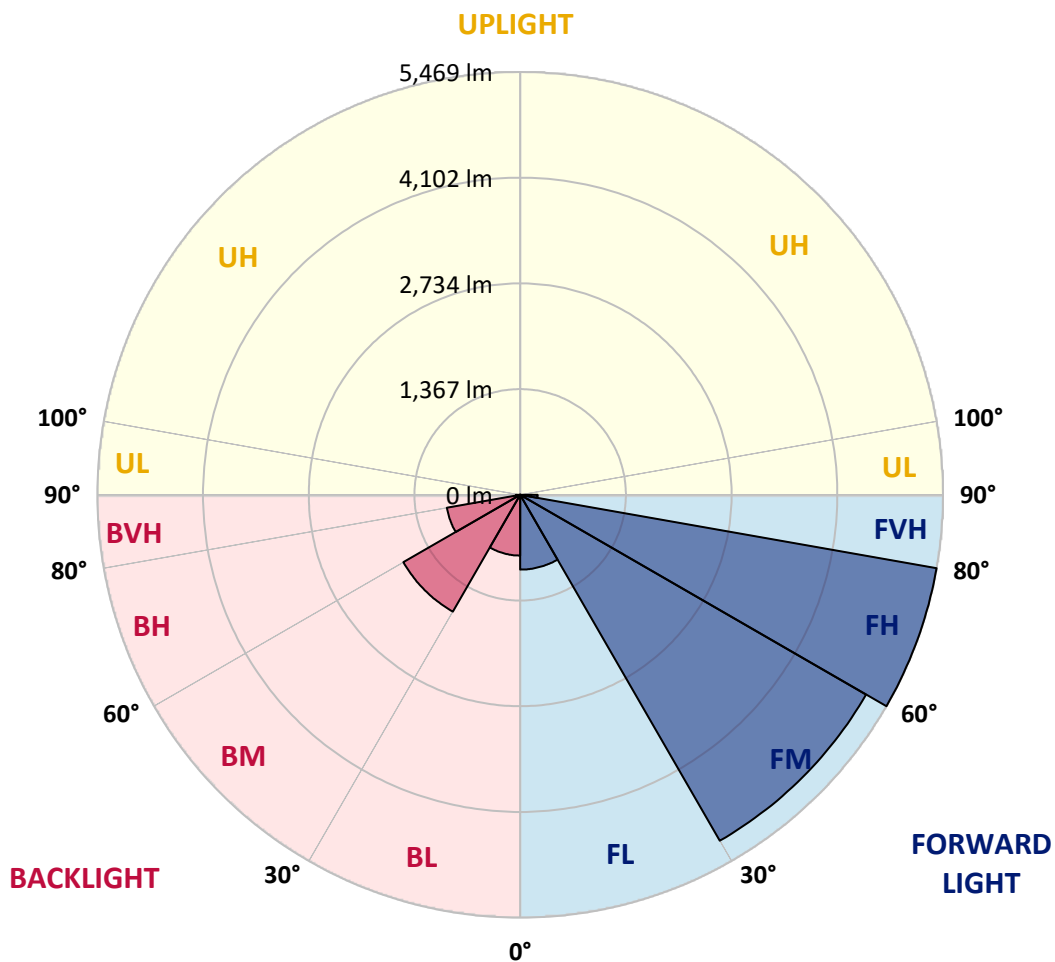
CATALOG NUMBER: VXS-E06-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	967.2	6.3			
FM	(30°-60°)	5165.7	33.6			
FH	(60°-80°)	5468.7	35.6			G3/7500
FVH	(80°-90°)	225.3	1.5			G3/500
BL	(0°-30°)	785.8	5.1	B2/1000		
BM	(30°-60°)	1744.3	11.3	B2/2500		
BH	(60°-80°)	962.7	6.3	B2/1000		G2/1000
BVH	(80°-90°)	55.2	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6
2.5°	1758.9	1760.5	1757.2	1755.5	1745.4	1735.2	1728.5	1720.1	1720.1	1720.1	1716.7
5°	1858.4	1851.7	1856.8	1845.0	1824.7	1806.1	1787.6	1772.3	1769.0	1769.0	1762.3
7.5°	1978.3	1969.8	1966.5	1949.6	1919.3	1892.2	1855.1	1839.9	1831.5	1828.1	1824.7
10°	2123.5	2123.5	2101.6	2072.8	2032.3	1985.1	1944.6	1917.5	1915.9	1915.9	1900.6
12.5°	2272.0	2275.4	2246.7	2218.0	2152.2	2089.7	2042.5	2012.1	2010.4	2003.6	1995.2
15°	2408.7	2400.3	2381.8	2339.6	2266.9	2192.6	2133.6	2103.2	2096.5	2089.7	2084.7
17.5°	2521.9	2513.4	2489.7	2435.8	2359.8	2272.0	2199.5	2167.4	2164.0	2160.6	2153.9
20°	2592.7	2586.0	2552.2	2489.7	2410.5	2320.9	2243.3	2221.3	2214.6	2214.6	2211.3
22.5°	2633.3	2623.1	2574.2	2491.5	2413.8	2348.0	2283.8	2270.4	2265.3	2266.9	2266.9
25°	2653.5	2645.1	2575.9	2457.7	2383.4	2364.9	2337.8	2329.4	2331.1	2332.7	2336.2
27.5°	2656.9	2645.1	2564.0	2413.8	2344.6	2396.9	2415.5	2429.0	2429.0	2435.8	2447.6
30°	2631.6	2618.0	2540.4	2380.1	2327.8	2461.0	2535.3	2570.8	2584.2	2580.9	2608.0
32.5°	2587.7	2579.3	2516.8	2380.1	2375.0	2587.7	2719.4	2769.9	2776.7	2780.1	2810.5
35°	2572.4	2570.8	2543.8	2461.0	2521.9	2810.5	3011.4	3050.2	3058.7	3058.7	3080.5
37.5°	2569.1	2577.5	2608.0	2613.0	2780.1	3141.3	3404.7	3463.7	3463.7	3480.6	3480.6
40°	2569.1	2587.7	2702.5	2839.2	3095.8	3571.8	3936.4	4003.9	4003.9	4022.5	4012.3
42.5°	2668.7	2695.8	2884.8	3144.7	3494.1	4015.8	4434.3	4510.3	4515.3	4510.3	4525.5
45°	2864.5	2888.2	3117.7	3490.8	3904.4	4491.7	4910.4	5001.5	4982.9	4994.7	4999.8
47.5°	3124.5	3161.6	3423.2	3868.8	4304.4	4932.3	5443.7	5526.4	5519.7	5524.8	5502.8
50°	3401.2	3440.1	3732.1	4243.6	4702.7	5286.7	5872.5	5995.8	5983.9	5992.3	6004.1
52.5°	3646.0	3669.6	3951.6	4525.5	5004.9	5617.6	6201.7	6355.2	6382.3	6385.6	6394.1
55°	3791.2	3819.9	4078.1	4665.6	5224.4	5941.7	6578.0	6811.0	6863.3	6876.8	6914.0
57.5°	3841.9	3872.2	4106.8	4685.8	5344.1	6245.5	7103.0	7513.2	7557.1	7629.6	7747.9
60°	3840.2	3872.2	4076.5	4640.3	5465.7	6622.0	7920.0	8607.0	8829.8	8904.1	9073.0
62.5°	3683.2	3720.3	3928.0	4501.9	5620.9	7103.0	9135.3	10192.0	10479.0	10614.0	10796.4
65°	3338.9	3365.8	3560.0	4150.8	5577.1	7577.3	10151.5	11469.8	11731.5	11929.0	12254.7
67°	3033.3	3050.2	3202.1	3735.5	5148.4	7594.2	10472.2	11787.2	12015.0	12224.4	12560.3
67.5°	2955.6	2991.1	3109.2	3608.9	4988.0	7498.0	10450.3	11738.2	11971.2	12188.9	12543.4
70°	2405.4	2456.1	2515.1	2851.0	3921.1	6308.0	9675.5	10890.9	11095.1	11297.6	11792.2
72.5°	1483.7	1574.9	1586.7	1799.4	2552.2	4360.1	7828.8	9184.4	9337.9	9483.1	9989.4
75°	874.4	887.9	930.1	1102.3	1497.2	2606.2	5253.0	6822.8	6964.7	7035.5	7432.2
77.5°	487.9	501.3	536.8	685.3	1151.2	1755.5	3058.7	4008.9	4095.0	4184.5	4120.4
80°	202.6	221.1	238.0	276.8	538.4	1385.8	2103.2	2548.8	2604.6	2656.9	2722.7
82.5°	97.9	104.7	128.3	146.8	195.9	568.8	1649.1	2209.5	2275.4	2351.4	2505.0
85°	45.6	50.7	70.9	84.4	94.5	143.5	552.0	1075.2	1166.4	1183.3	1213.7
87.5°	3.4	3.4	8.4	11.8	16.9	18.5	57.4	81.0	91.2	82.7	104.7
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6
2.5°	1715.0	1713.3	1709.9	1709.9	1708.2	1708.2	1708.2	1704.9	1704.9	1704.9	1703.2
5°	1760.5	1758.9	1753.8	1753.8	1750.5	1750.5	1745.4	1743.7	1740.3	1740.3	1738.7
7.5°	1819.7	1817.9	1811.2	1811.2	1806.1	1804.5	1801.0	1796.1	1796.1	1792.6	1789.2
10°	1900.6	1895.6	1893.9	1885.5	1887.2	1883.8	1880.4	1875.3	1872.0	1868.6	1865.2
12.5°	1991.8	1991.8	1983.4	1978.3	1981.7	1978.3	1971.6	1969.8	1964.8	1964.8	1959.8
15°	2077.9	2077.9	2074.5	2067.8	2069.4	2064.4	2062.7	2059.4	2052.5	2054.3	2052.5
17.5°	2152.2	2152.2	2147.2	2143.7	2143.7	2138.7	2140.3	2137.0	2133.6	2131.9	2126.8
20°	2211.3	2211.3	2207.9	2204.5	2206.2	2206.2	2201.1	2201.1	2201.1	2197.7	2197.7
22.5°	2268.6	2270.4	2270.4	2270.4	2272.0	2273.7	2272.0	2275.4	2273.7	2277.1	2277.1
25°	2344.6	2349.6	2353.1	2353.1	2361.5	2363.2	2364.9	2369.9	2369.9	2375.0	2376.7
27.5°	2457.7	2461.0	2474.6	2477.9	2479.7	2493.2	2494.8	2501.6	2508.3	2510.1	2511.7
30°	2613.0	2621.5	2631.6	2638.3	2638.3	2655.2	2662.0	2658.5	2677.1	2682.2	2688.9
32.5°	2820.6	2827.4	2837.5	2844.2	2851.0	2859.5	2861.1	2869.5	2884.8	2898.2	2889.8
35°	3082.3	3099.2	3082.3	3100.8	3105.9	3117.7	3114.3	3124.5	3131.2	3136.3	3134.6
37.5°	3462.1	3453.6	3450.3	3443.5	3431.7	3472.2	3451.9	3450.3	3440.1	3468.8	3450.3
40°	3961.7	3966.7	3971.8	3944.8	3929.6	3929.6	3924.6	3906.0	3897.5	3922.9	3919.5
42.5°	4483.3	4488.4	4464.7	4447.9	4409.0	4403.9	4380.3	4375.2	4366.8	4380.3	4366.8
45°	4957.6	4960.9	4908.6	4917.1	4886.7	4891.8	4854.6	4869.8	4849.5	4863.1	4888.4
47.5°	5487.7	5494.4	5448.8	5467.4	5437.0	5418.4	5416.7	5426.8	5404.9	5418.4	5425.2
50°	5968.7	5960.3	5936.7	5941.7	5928.2	5931.6	5911.3	5929.8	5904.6	5931.6	5928.2
52.5°	6395.8	6385.6	6380.6	6397.4	6385.6	6385.6	6373.8	6382.3	6385.6	6426.1	6434.6
55°	6914.0	6922.4	6930.9	6961.2	6974.7	6952.7	6974.7	7016.9	7018.7	7114.8	7167.2
57.5°	7746.1	7805.2	7835.6	7854.2	7933.5	7925.1	7975.8	8077.0	8087.2	8309.9	8439.9
60°	9197.8	9302.5	9402.1	9348.1	9508.4	9557.3	9587.8	9776.8	9835.9	10046.8	10160.0
62.5°	11031.0	11042.8	11198.0	11149.1	11240.3	11218.3	11255.4	11341.6	11419.2	11593.1	11699.4
65°	12310.5	12366.1	12426.9	12364.5	12362.8	12288.5	12241.2	12239.6	12286.8	12323.9	12442.1
67°	12658.1	12713.9	12729.1	12683.5	12617.6	12523.1	12435.3	12389.7	12359.4	12376.3	12450.6
67.5°	12654.8	12707.2	12725.7	12681.8	12590.7	12511.3	12418.4	12366.1	12325.6	12334.1	12396.6
70°	11935.8	12048.8	12109.5	12123.1	12111.3	11972.8	11893.5	11846.2	11812.5	11729.7	11724.8
72.5°	10112.7	10249.4	10296.7	10372.6	10406.4	10202.2	10116.1	10168.4	10050.3	9788.6	9800.4
75°	7425.4	7435.5	7276.9	7246.5	7133.4	6670.9	6532.5	6405.9	6203.3	5887.7	5590.6
77.5°	3870.6	3868.8	3686.5	3593.7	3458.7	3180.2	3166.6	2940.4	2781.8	2493.2	2388.5
80°	2749.7	2793.6	2854.4	2884.8	2837.5	2729.4	2580.9	2420.5	2236.6	2056.0	1839.9
82.5°	2557.3	2584.2	2616.4	2498.2	2432.3	2280.4	2167.4	1934.4	1804.5	1598.5	1380.7
85°	1244.0	1326.7	1262.6	1188.3	1163.0	909.8	879.5	734.3	666.7	548.6	511.5
87.5°	79.4	97.9	87.8	79.4	69.2	38.9	52.3	37.1	38.9	28.7	25.3
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6
2.5°	1703.2	1701.5	1699.8	1698.1	1696.4	1696.4	1694.7	1693.1	1691.4	1688.0	1688.0
5°	1735.2	1735.2	1733.6	1730.2	1730.2	1726.8	1721.8	1720.1	1720.1	1716.7	1713.3
7.5°	1787.6	1785.9	1782.5	1780.8	1777.4	1774.1	1770.7	1767.4	1765.6	1760.5	1758.9
10°	1866.9	1863.5	1855.1	1851.7	1850.1	1846.6	1843.3	1839.9	1834.8	1831.5	1829.7
12.5°	1956.4	1954.7	1948.0	1951.3	1942.9	1939.5	1936.2	1927.7	1931.1	1924.2	1920.9
15°	2045.8	2047.6	2044.1	2044.1	2037.4	2032.3	2028.9	2022.2	2020.5	2017.1	2013.8
17.5°	2125.2	2128.5	2123.5	2120.1	2116.7	2113.4	2106.6	2099.9	2099.9	2093.1	2089.7
20°	2197.7	2201.1	2199.5	2196.1	2191.0	2189.3	2185.9	2180.8	2180.8	2177.5	2172.4
22.5°	2280.4	2282.2	2282.2	2280.4	2275.4	2277.1	2273.7	2268.6	2270.4	2263.6	2263.6
25°	2380.1	2383.4	2386.8	2388.5	2385.1	2386.8	2383.4	2380.1	2378.3	2380.1	2378.3
27.5°	2516.8	2520.2	2530.3	2521.9	2530.3	2532.0	2526.9	2520.2	2525.2	2533.7	2528.6
30°	2697.4	2694.0	2707.6	2709.2	2707.6	2709.2	2705.8	2700.7	2704.1	2719.4	2710.9
32.5°	2900.0	2906.7	2910.1	2913.5	2918.5	2925.3	2920.2	2915.1	2923.6	2918.5	2930.4
35°	3144.7	3159.9	3165.0	3159.9	3163.3	3175.1	3173.4	3175.1	3192.0	3175.1	3197.0
37.5°	3453.6	3468.8	3480.6	3473.9	3482.3	3482.3	3495.9	3533.0	3509.3	3539.7	3563.3
40°	3902.6	3926.2	3928.0	3926.2	3934.7	3944.8	3958.3	3998.9	3971.8	4003.9	4025.8
42.5°	4365.1	4393.8	4403.9	4387.0	4405.6	4427.6	4429.2	4464.7	4466.4	4471.5	4483.3
45°	4886.7	4912.0	4932.3	4923.8	4925.5	4954.2	4947.5	4981.2	4956.0	4956.0	4962.7
47.5°	5442.1	5465.7	5479.2	5492.6	5475.9	5501.1	5513.0	5506.2	5475.9	5469.0	5428.6
50°	5948.5	5968.7	5988.9	6026.1	6024.5	6036.3	6044.7	6014.3	6007.6	5970.4	5924.8
52.5°	6485.2	6537.5	6583.1	6660.7	6672.6	6713.1	6697.9	6647.3	6638.9	6578.0	6517.3
55°	7233.0	7383.2	7449.0	7568.9	7649.9	7648.3	7614.5	7606.0	7541.9	7420.4	7347.8
57.5°	8534.4	8769.0	8882.2	9037.4	9062.8	9047.6	9003.7	8926.0	8814.6	8610.4	8478.8
60°	10413.2	10558.3	10689.9	10727.2	10745.7	10717.0	10563.4	10391.2	10173.5	9891.6	9657.0
62.5°	11832.7	11981.2	12079.2	12064.0	11947.6	11800.7	11576.2	11287.6	10982.0	10666.3	10315.2
65°	12555.2	12617.6	12602.5	12484.4	12285.2	12028.6	11701.1	11345.0	10985.4	10612.3	10247.8
67°	12516.4	12518.0	12415.1	12185.5	11930.7	11608.3	11208.2	10820.0	10397.9	10006.3	9572.5
67.5°	12447.2	12440.4	12297.0	12045.4	11770.3	11437.7	11022.5	10620.8	10183.6	9788.6	9339.6
70°	11663.9	11569.4	11245.3	10843.6	10460.4	10011.4	9576.0	9115.1	8622.2	8282.9	7766.4
72.5°	9584.4	9265.3	8706.6	8286.3	7876.2	7288.7	7016.9	6444.7	6098.7	5882.6	5492.6
75°	5550.1	5283.4	4851.3	4457.9	4258.8	3911.1	3745.6	3325.3	3237.5	3234.2	3099.2
77.5°	2118.4	1848.3	1569.8	1264.2	1075.2	854.1	752.8	673.5	612.7	654.9	594.2
80°	1588.4	1306.5	1021.2	742.7	530.1	391.6	336.0	310.6	295.4	283.6	275.1
82.5°	1183.3	933.5	724.1	472.6	330.9	249.8	216.1	202.6	195.9	184.0	173.9
85°	400.0	320.7	253.2	175.5	138.4	113.1	104.7	101.2	96.2	87.8	82.7
87.5°	22.0	20.2	22.0	16.9	20.2	16.9	18.5	18.5	18.5	16.9	16.9
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6	1679.6
2.5°	1686.3	1686.3	1686.3	1682.9	1677.8	1667.8	1657.6	1649.1	1640.7	1635.6	1632.2
5°	1711.6	1708.2	1706.5	1704.9	1693.1	1672.7	1654.2	1637.3	1620.4	1606.9	1601.9
7.5°	1757.2	1750.5	1748.7	1743.7	1728.5	1698.1	1671.1	1644.1	1620.4	1601.9	1593.5
10°	1826.4	1826.4	1816.3	1809.5	1792.6	1752.1	1713.3	1677.8	1645.8	1625.5	1620.4
12.5°	1914.2	1914.2	1905.7	1900.6	1880.4	1828.1	1780.8	1738.7	1708.2	1688.0	1686.3
15°	2005.3	2003.6	1996.9	1990.2	1968.2	1912.4	1865.2	1828.1	1802.8	1779.2	1772.3
17.5°	2086.3	2086.3	2077.9	2071.2	2049.2	2002.0	1959.8	1932.7	1904.0	1855.1	1817.9
20°	2167.4	2169.0	2162.3	2155.5	2137.0	2096.5	2077.9	2050.9	1986.7	1880.4	1792.6
22.5°	2256.8	2263.6	2255.1	2248.4	2233.2	2216.3	2209.5	2145.4	2010.4	1839.9	1711.6
25°	2371.6	2383.4	2373.3	2369.9	2361.5	2366.5	2346.3	2197.7	1976.6	1752.1	1591.8
27.5°	2528.6	2528.6	2530.3	2530.3	2526.9	2545.5	2471.2	2199.5	1902.4	1639.1	1448.3
30°	2712.5	2722.7	2719.4	2719.4	2732.8	2744.7	2540.4	2162.3	1807.9	1499.0	1272.7
32.5°	2933.7	2942.2	2945.5	2930.4	2984.4	2923.6	2565.7	2094.8	1691.4	1325.1	1063.4
35°	3200.4	3212.2	3220.6	3222.4	3257.8	3078.9	2552.2	1995.2	1524.2	1107.4	833.9
37.5°	3548.2	3571.8	3590.4	3598.8	3600.4	3210.6	2515.1	1863.5	1306.5	864.2	621.1
40°	4010.7	4036.0	4030.9	4047.8	3951.6	3288.2	2430.7	1672.7	1036.4	634.7	479.4
42.5°	4456.3	4459.7	4466.4	4451.2	4255.4	3328.7	2312.5	1439.9	776.5	474.3	410.2
45°	4954.2	4925.5	4893.5	4869.8	4535.6	3343.9	2150.5	1156.3	548.6	398.3	379.8
47.5°	5421.8	5383.0	5317.1	5249.6	4785.4	3320.3	1942.9	865.9	416.9	364.6	359.6
50°	5880.9	5808.4	5715.5	5637.8	5025.1	3284.8	1713.3	624.6	364.6	347.8	342.7
52.5°	6449.7	6328.3	6206.7	6105.4	5337.4	3229.1	1471.9	474.3	342.7	334.2	327.5
55°	7229.6	7060.8	6865.0	6723.2	5761.0	3144.7	1218.8	401.8	332.5	325.8	315.6
57.5°	8309.9	8056.8	7835.6	7604.4	6340.1	3058.7	1000.9	373.1	330.9	320.7	307.3
60°	9413.9	9110.1	8828.2	8497.3	6930.9	2972.5	849.0	369.6	336.0	320.7	300.4
62.5°	9987.8	9673.8	9334.5	8998.7	7185.7	2769.9	744.4	374.7	347.8	325.8	300.4
65°	9856.2	9473.0	9128.6	8785.9	6890.4	2386.8	629.6	381.5	371.4	346.0	305.5
67°	9194.4	8794.4	8463.5	8136.1	6232.0	1998.5	540.1	388.2	396.7	369.6	315.6
67.5°	8961.5	8561.5	8235.6	7916.7	6037.9	1917.5	518.2	391.6	401.8	376.4	319.1
70°	7430.5	7136.8	6790.8	6544.4	4888.4	1419.6	425.4	398.3	432.1	415.2	334.2
72.5°	5347.6	5067.4	4807.4	4670.7	3600.4	992.5	357.8	391.6	450.7	437.2	340.9
75°	2842.6	2825.7	2731.2	2798.7	2228.2	648.2	315.6	366.3	430.5	400.0	317.3
77.5°	573.9	590.8	693.8	683.6	719.1	361.2	270.1	314.0	332.5	293.7	258.2
80°	266.7	261.7	256.6	260.0	254.9	231.3	219.5	246.4	231.3	189.0	172.1
82.5°	165.4	162.1	157.0	155.3	172.1	184.0	192.4	194.1	153.6	131.7	126.6
85°	79.4	79.4	77.6	81.0	101.2	150.3	162.1	143.5	103.0	94.5	89.4
87.5°	15.2	15.2	16.9	15.2	20.2	35.4	40.5	47.3	38.9	40.5	45.6
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°	1679.6	1679.6	1679.6
2.5°	1628.9	1625.5	1625.5
5°	1595.1	1593.5	1593.5
7.5°	1586.7	1588.4	1586.7
10°	1618.8	1617.1	1623.8
12.5°	1689.6	1694.7	1693.1
15°	1763.9	1767.4	1767.4
17.5°	1785.9	1774.1	1772.3
20°	1728.5	1706.5	1701.5
22.5°	1620.4	1580.0	1581.7
25°	1483.7	1434.8	1438.1
27.5°	1325.1	1272.7	1271.1
30°	1134.3	1076.9	1048.2
32.5°	904.8	835.5	835.5
35°	680.2	624.6	604.2
37.5°	516.5	484.5	474.3
40°	430.5	415.2	411.9
42.5°	391.6	386.5	384.9
45°	371.4	368.0	366.3
47.5°	352.7	351.1	349.4
50°	339.3	337.6	336.0
52.5°	327.5	324.0	322.4
55°	310.6	310.6	310.6
57.5°	300.4	300.4	298.8
60°	290.4	288.6	288.6
62.5°	281.9	278.5	280.2
65°	276.8	271.8	271.8
67°	273.5	263.3	263.3
67.5°	273.5	260.0	260.0
70°	268.4	246.4	243.1
72.5°	263.3	231.3	226.2
75°	249.8	219.5	214.4
77.5°	214.4	195.9	192.4
80°	165.4	143.5	146.8
82.5°	119.9	103.0	101.2
85°	86.1	74.3	74.3
87.5°	45.6	38.9	40.5
90°	0.0	0.0	0.0

(END OF REPORT)