

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: P151049

Luminaire Tested: **VXS-E06-LED-E1-SL3-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151049
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-SL3-7030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16638.5 lumens
Efficiency: N/A
Efficacy: 110.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 150.5
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: 25 FT



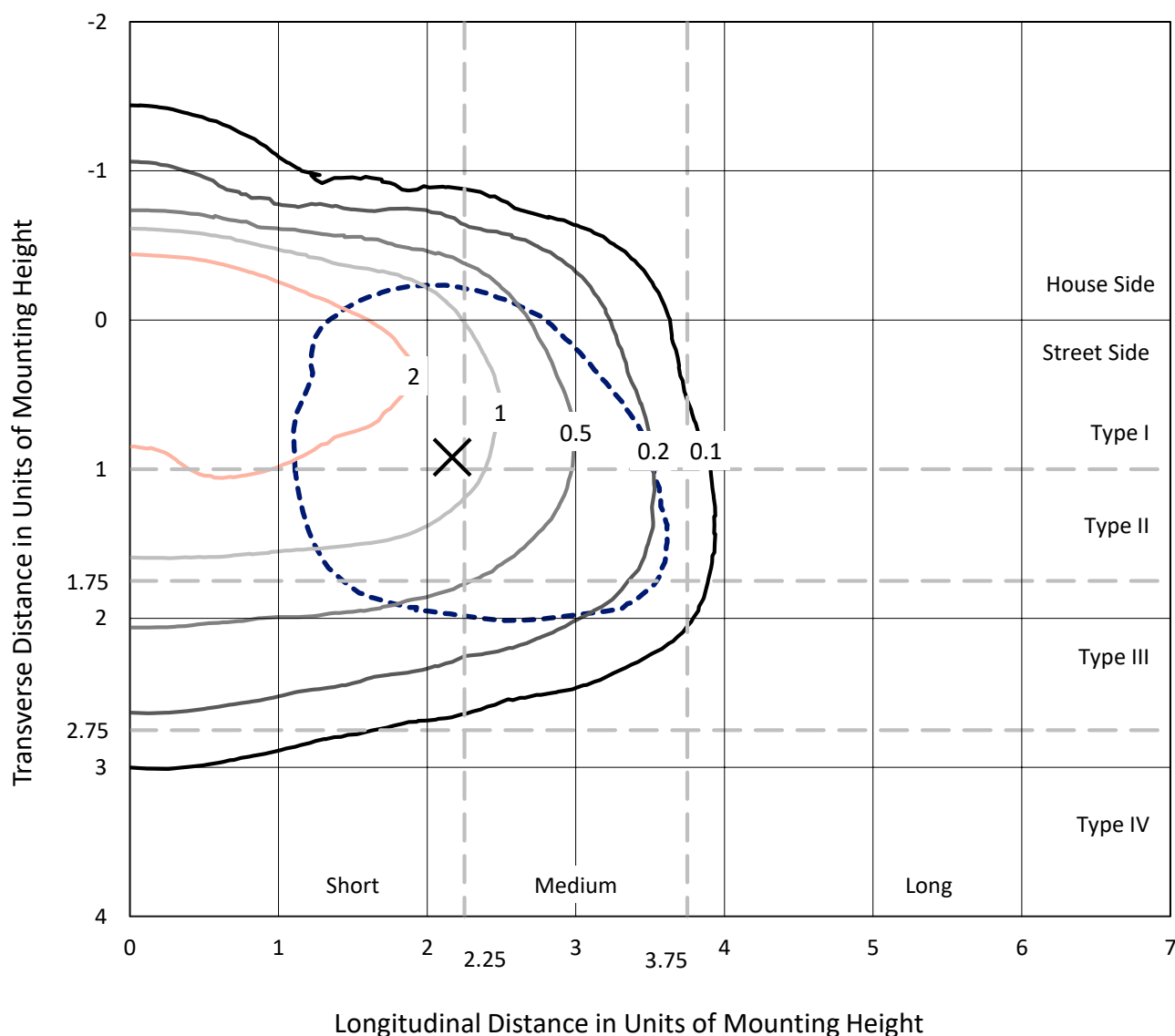
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

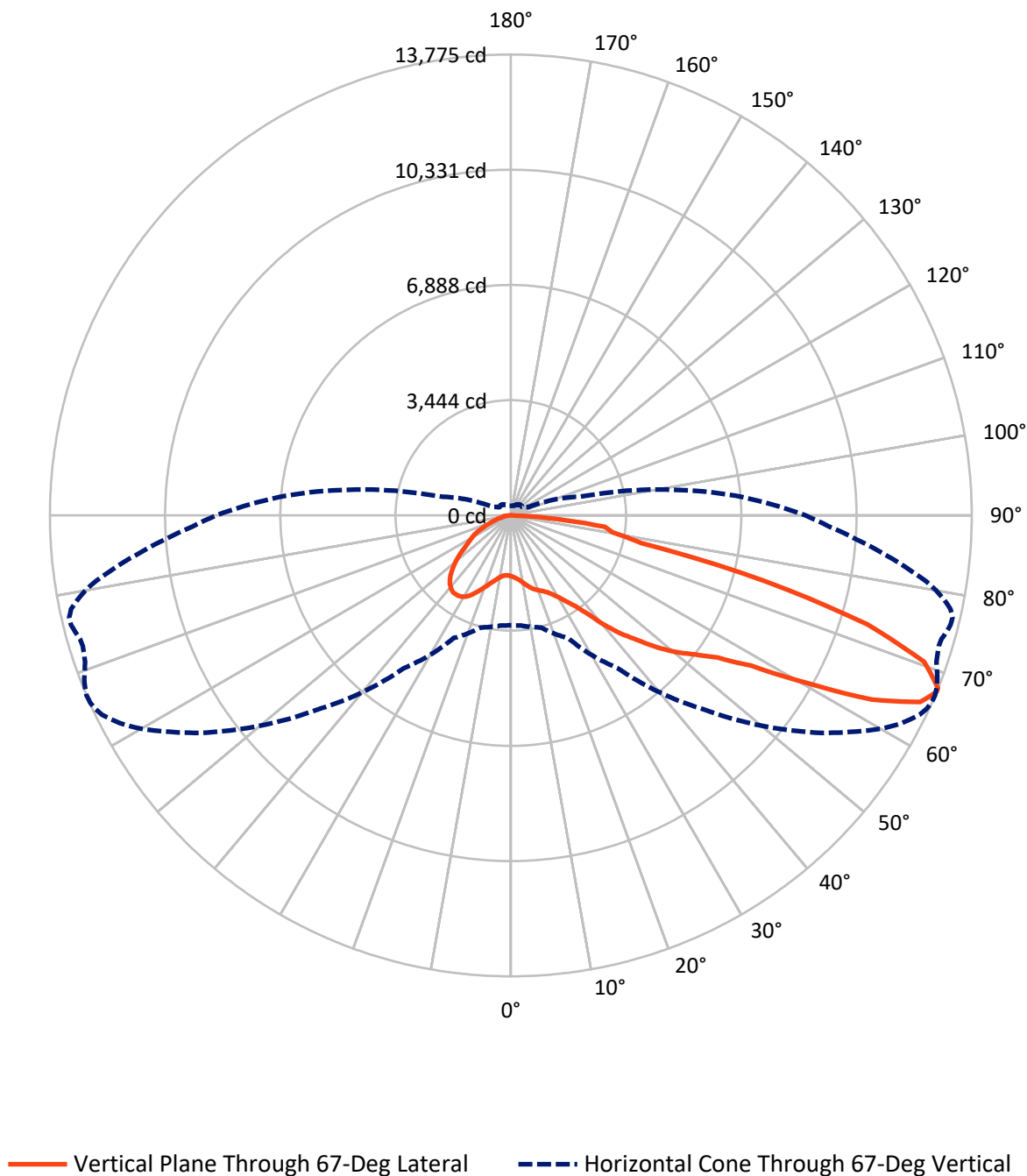


Based on 25 foot mounting height. Maximum calculated value = 3.7 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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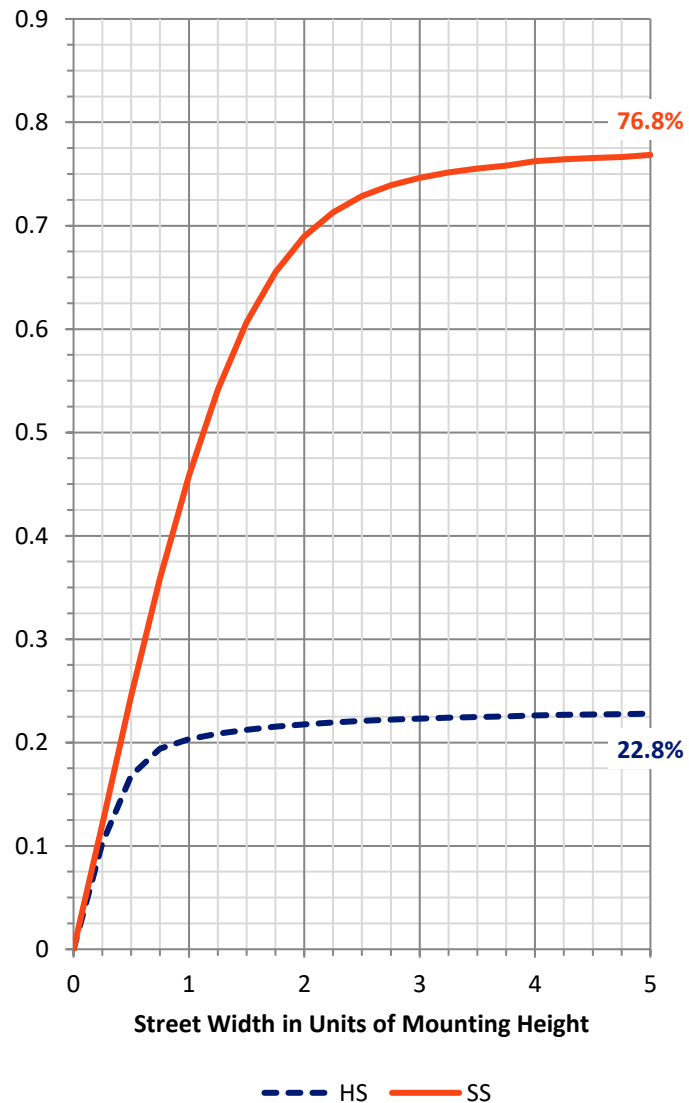
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3839.6	0.0	3839.6
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	12798.9	0.0	12798.9
	% Fixture	76.9	0.0	76.9
Total	Lumens	16638.5	0.0	16638.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.0	1.1
10°-20°	620.5	3.7
20°-30°	1095.6	6.6
30°-40°	1572.7	9.5
40°-50°	2388.5	14.4
50°-60°	3516.7	21.1
60°-70°	4673.5	28.1
70°-80°	2286.4	13.7
80°-90°	303.6	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°	16638.5	100.0
0°-180°	16638.5	100.0

Coefficient of Utilization



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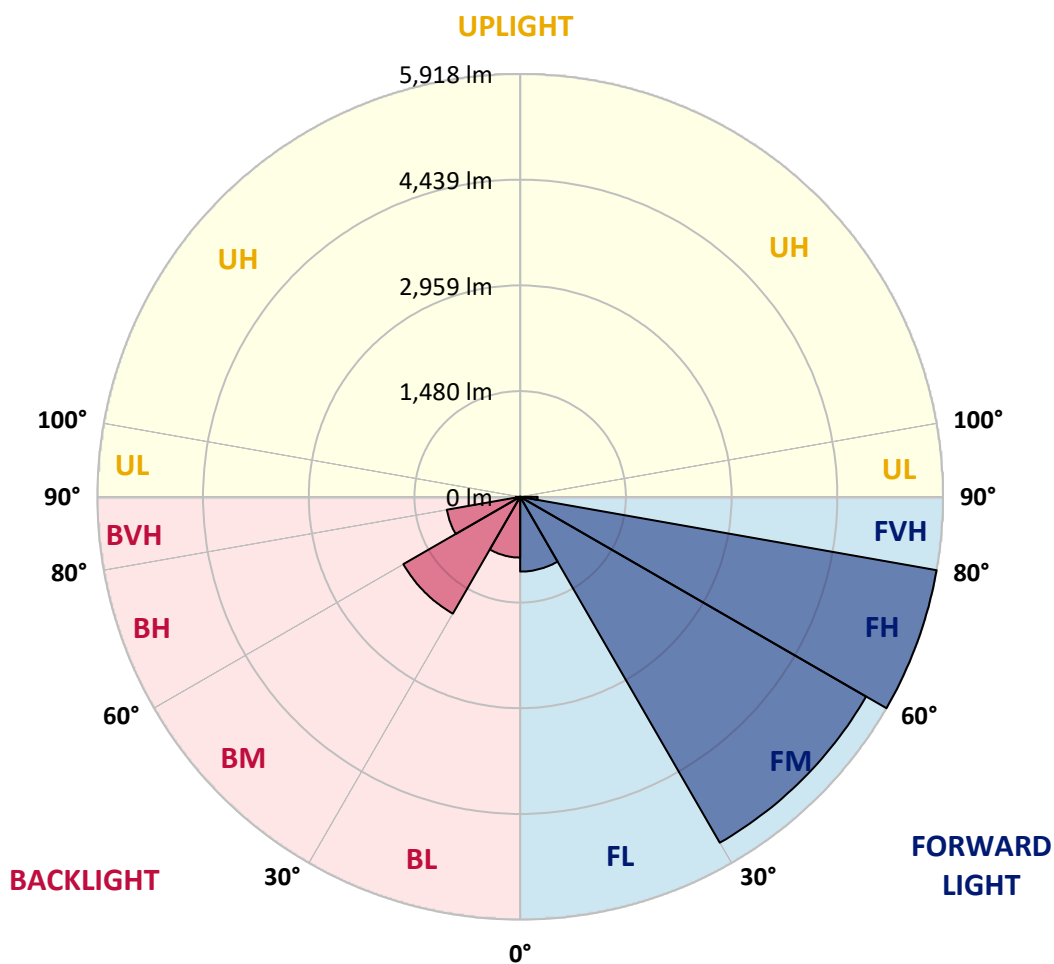
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1046.7	6.3			
FM	(30°-60°)	5590.2	33.6			
FH	(60°-80°)	5918.2	35.6			G3/7500
FVH	(80°-90°)	243.9	1.5			G3/500
BL	(0°-30°)	850.4	5.1	B2/1000		
BM	(30°-60°)	1887.7	11.3	B2/2500		
BH	(60°-80°)	1041.8	6.3	B3/2500		G3/2500
BVH	(80°-90°)	59.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6
2.5°	1903.4	1905.3	1901.6	1899.8	1888.8	1877.8	1870.6	1861.5	1861.5	1861.5	1857.7
5°	2011.2	2003.9	2009.3	1996.6	1974.7	1954.6	1934.5	1918.0	1914.4	1914.4	1907.0
7.5°	2140.9	2131.7	2128.1	2109.8	2077.0	2047.8	2007.6	1991.1	1982.0	1978.3	1974.7
10°	2298.0	2298.0	2274.2	2243.2	2199.4	2148.2	2104.4	2075.1	2073.3	2073.3	2056.9
12.5°	2458.8	2462.4	2431.3	2400.3	2329.0	2261.5	2210.3	2177.4	2175.6	2168.3	2159.2
15°	2606.7	2597.6	2577.5	2531.8	2453.3	2372.8	2308.9	2276.1	2268.8	2261.5	2256.0
17.5°	2729.1	2720.0	2694.4	2636.0	2553.7	2458.8	2380.2	2345.5	2341.9	2338.1	2330.9
20°	2805.8	2798.5	2762.0	2694.4	2608.5	2511.7	2427.7	2403.9	2396.6	2396.6	2393.0
22.5°	2849.6	2838.7	2785.7	2696.2	2612.2	2540.9	2471.5	2456.9	2451.4	2453.3	2453.3
25°	2871.6	2862.5	2787.6	2659.7	2579.3	2559.2	2529.9	2520.8	2522.7	2524.5	2528.2
27.5°	2875.2	2862.5	2774.7	2612.2	2537.3	2593.9	2614.0	2628.6	2628.6	2636.0	2648.7
30°	2847.9	2833.3	2749.2	2575.6	2519.1	2663.3	2743.7	2782.1	2796.7	2793.1	2822.3
32.5°	2800.3	2791.2	2723.6	2575.6	2570.2	2800.3	2942.8	2997.6	3005.0	3008.6	3041.5
35°	2783.9	2782.1	2752.8	2663.3	2729.1	3041.5	3258.9	3300.8	3309.9	3309.9	3333.7
37.5°	2780.2	2789.3	2822.3	2827.8	3008.6	3399.5	3684.5	3748.4	3748.4	3766.6	3766.6
40°	2780.2	2800.3	2924.6	3072.5	3350.2	3865.3	4259.9	4333.0	4333.0	4353.1	4342.1
42.5°	2888.0	2917.2	3121.9	3403.1	3781.2	4345.7	4798.8	4880.9	4886.4	4880.9	4897.4
45°	3099.9	3125.5	3373.9	3777.6	4225.2	4860.8	5313.9	5412.5	5392.4	5405.2	5410.7
47.5°	3381.2	3421.5	3704.6	4186.8	4658.1	5337.6	5891.1	5980.6	5973.3	5978.8	5955.0
50°	3680.8	3722.8	4038.9	4592.3	5089.2	5721.2	6355.1	6488.4	6475.6	6484.8	6497.6
52.5°	3945.7	3971.3	4276.3	4897.4	5416.2	6079.3	6711.3	6877.5	6906.7	6910.4	6919.6
55°	4102.8	4133.8	4413.3	5049.0	5653.7	6429.9	7118.7	7370.8	7427.4	7442.0	7482.2
57.5°	4157.6	4190.5	4444.4	5070.9	5783.3	6758.8	7686.7	8130.7	8178.1	8256.7	8384.6
60°	4155.8	4190.5	4411.5	5021.6	5914.8	7166.1	8570.9	9314.3	9555.4	9635.9	9818.5
62.5°	3985.9	4026.0	4250.8	4871.8	6082.9	7686.7	9886.1	11029.6	11340.2	11486.3	11683.6
65°	3613.3	3642.5	3852.5	4491.8	6035.4	8200.1	10985.8	12412.4	12695.5	12909.3	13261.9
67°	3282.6	3300.8	3465.3	4042.5	5571.4	8218.3	11332.8	12755.9	13002.5	13229.0	13592.4
67.5°	3198.5	3236.9	3364.8	3905.5	5397.9	8114.2	11309.1	12702.9	12954.9	13190.6	13574.2
70°	2603.0	2657.8	2721.8	3085.3	4243.4	6826.4	10470.7	11785.9	12006.9	12226.1	12761.3
72.5°	1605.7	1704.4	1717.1	1947.3	2762.0	4718.3	8472.2	9939.1	10105.3	10262.4	10810.5
75°	946.2	960.8	1006.5	1192.8	1620.3	2820.4	5684.7	7383.5	7537.0	7613.7	8043.0
77.5°	527.9	542.5	580.9	741.7	1245.8	1899.8	3309.9	4338.4	4431.6	4528.4	4459.0
80°	219.2	239.3	257.6	299.6	582.7	1499.7	2276.1	2758.3	2818.5	2875.2	2946.4
82.5°	105.9	113.3	138.9	159.0	211.9	615.6	1784.7	2391.2	2462.4	2544.6	2710.8
85°	49.3	54.8	76.7	91.3	102.3	155.2	597.3	1163.6	1262.3	1280.5	1313.4
87.5°	3.6	3.6	9.1	12.7	18.2	20.1	62.1	87.7	98.7	89.5	113.3
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6
2.5°	1856.0	1854.1	1850.5	1850.5	1848.6	1848.6	1848.6	1845.0	1845.0	1845.0	1843.1
5°	1905.3	1903.4	1897.9	1897.9	1894.3	1894.3	1888.8	1886.9	1883.3	1883.3	1881.5
7.5°	1969.2	1967.4	1960.0	1960.0	1954.6	1952.7	1949.1	1943.6	1943.6	1940.0	1936.3
10°	2056.9	2051.4	2049.5	2040.4	2042.3	2038.5	2034.9	2029.4	2025.8	2022.2	2018.5
12.5°	2155.5	2155.5	2146.4	2140.9	2144.6	2140.9	2133.6	2131.7	2126.3	2126.3	2120.8
15°	2248.7	2248.7	2245.0	2237.7	2239.6	2234.1	2232.2	2228.6	2221.2	2223.1	2221.2
17.5°	2329.0	2329.0	2323.5	2319.9	2319.9	2314.4	2316.3	2312.6	2308.9	2307.2	2301.7
20°	2393.0	2393.0	2389.3	2385.7	2387.5	2387.5	2382.0	2382.0	2382.0	2378.3	2378.3
22.5°	2455.1	2456.9	2456.9	2456.9	2458.8	2460.5	2458.8	2462.4	2460.5	2464.2	2464.2
25°	2537.3	2542.8	2546.4	2546.4	2555.5	2557.4	2559.2	2564.7	2564.7	2570.2	2572.0
27.5°	2659.7	2663.3	2677.9	2681.6	2683.4	2698.0	2699.9	2707.2	2714.5	2716.3	2718.1
30°	2827.8	2836.9	2847.9	2855.1	2855.1	2873.4	2880.7	2877.1	2897.1	2902.6	2909.9
32.5°	3052.4	3059.7	3070.7	3078.0	3085.3	3094.4	3096.3	3105.4	3121.9	3136.5	3127.4
35°	3335.5	3353.8	3335.5	3355.6	3361.1	3373.9	3370.3	3381.2	3388.5	3394.0	3392.2
37.5°	3746.5	3737.4	3733.8	3726.4	3713.7	3757.5	3735.6	3733.8	3722.8	3753.9	3733.8
40°	4287.3	4292.7	4298.2	4269.0	4252.5	4252.5	4247.0	4226.9	4217.8	4245.3	4241.6
42.5°	4851.7	4857.2	4831.6	4813.4	4771.3	4765.9	4740.3	4734.8	4725.7	4740.3	4725.7
45°	5365.0	5368.7	5312.0	5321.1	5288.3	5293.8	5253.6	5270.1	5248.1	5262.7	5290.2
47.5°	5938.7	5945.9	5896.6	5916.7	5883.8	5863.7	5861.9	5872.8	5849.1	5863.7	5871.0
50°	6459.2	6450.1	6424.5	6429.9	6415.3	6419.1	6397.1	6417.2	6389.8	6419.1	6415.3
52.5°	6921.3	6910.4	6905.0	6923.2	6910.4	6910.4	6897.6	6906.7	6910.4	6954.3	6963.4
55°	7482.2	7491.3	7500.4	7533.3	7547.9	7524.1	7547.9	7593.6	7595.4	7699.6	7756.2
57.5°	8382.7	8446.6	8479.6	8499.7	8585.5	8576.4	8631.2	8740.7	8751.7	8992.8	9133.5
60°	9953.7	10066.9	10174.7	10116.3	10289.8	10342.8	10375.6	10580.2	10644.1	10872.5	10994.9
62.5°	11937.5	11950.3	12118.3	12065.4	12164.0	12140.2	12180.4	12273.6	12357.6	12545.8	12660.8
65°	13322.2	13382.4	13448.2	13380.6	13378.8	13298.3	13247.3	13245.4	13296.6	13336.8	13464.6
67°	13698.4	13758.8	13775.1	13725.8	13654.6	13552.3	13457.3	13408.0	13375.1	13393.4	13473.8
67.5°	13694.8	13751.4	13771.5	13724.0	13625.4	13539.5	13439.1	13382.4	13338.5	13347.7	13415.3
70°	12916.6	13039.0	13104.8	13119.4	13106.5	12956.8	12871.0	12819.8	12783.2	12693.8	12688.3
72.5°	10943.7	11091.7	11142.9	11225.1	11261.7	11040.6	10947.5	11004.0	10876.2	10593.1	10605.8
75°	8035.6	8046.6	7874.9	7842.1	7719.6	7219.2	7069.3	6932.3	6713.2	6371.5	6050.1
77.5°	4188.6	4186.8	3989.5	3889.0	3742.9	3441.6	3426.8	3182.1	3010.4	2698.0	2584.8
80°	2975.6	3023.2	3088.9	3121.9	3070.7	2953.8	2793.1	2619.5	2420.4	2224.9	1991.1
82.5°	2767.5	2796.7	2831.4	2703.5	2632.2	2467.9	2345.5	2093.4	1952.7	1729.8	1494.2
85°	1346.3	1435.8	1366.3	1286.0	1258.5	984.6	951.7	794.6	721.6	593.7	553.5
87.5°	85.9	105.9	95.0	85.9	74.9	42.0	56.6	40.2	42.0	31.1	27.4
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°	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6
2.5°	1843.1	1841.3	1839.5	1837.6	1835.9	1835.9	1834.0	1832.2	1830.4	1826.7	1826.7
5°	1877.8	1877.8	1876.1	1872.3	1872.3	1868.7	1863.2	1861.5	1861.5	1857.7	1854.1
7.5°	1934.5	1932.6	1929.0	1927.2	1923.5	1919.9	1916.2	1912.5	1910.8	1905.3	1903.4
10°	2020.3	2016.7	2007.6	2003.9	2002.1	1998.4	1994.7	1991.1	1985.6	1982.0	1980.1
12.5°	2117.1	2115.3	2108.0	2111.7	2102.5	2098.9	2095.2	2086.1	2089.7	2082.5	2078.8
15°	2214.0	2215.8	2212.1	2212.1	2204.9	2199.4	2195.6	2188.4	2186.5	2182.9	2179.3
17.5°	2299.8	2303.4	2298.0	2294.3	2290.7	2287.0	2279.7	2272.4	2272.4	2265.1	2261.5
20°	2378.3	2382.0	2380.2	2376.6	2371.1	2369.2	2365.6	2360.1	2360.1	2356.5	2351.0
22.5°	2467.9	2469.7	2469.7	2467.9	2462.4	2464.2	2460.5	2455.1	2456.9	2449.6	2449.6
25°	2575.6	2579.3	2583.0	2584.8	2581.1	2583.0	2579.3	2575.6	2573.8	2575.6	2573.8
27.5°	2723.6	2727.3	2738.2	2729.1	2738.2	2740.0	2734.6	2727.3	2732.7	2741.9	2736.4
30°	2919.1	2915.4	2930.1	2931.8	2930.1	2931.8	2928.2	2922.7	2926.4	2942.8	2933.7
32.5°	3138.2	3145.6	3149.2	3152.8	3158.3	3165.7	3160.2	3154.7	3163.8	3158.3	3171.2
35°	3403.1	3419.6	3425.1	3419.6	3423.2	3436.1	3434.2	3436.1	3454.3	3436.1	3459.8
37.5°	3737.4	3753.9	3766.6	3759.4	3768.5	3768.5	3783.1	3823.3	3797.7	3830.6	3856.2
40°	4223.3	4248.9	4250.8	4248.9	4258.0	4269.0	4283.6	4327.5	4298.2	4333.0	4356.7
42.5°	4723.8	4754.9	4765.9	4747.6	4767.7	4791.4	4793.3	4831.6	4833.5	4839.0	4851.7
45°	5288.3	5315.6	5337.6	5328.5	5330.4	5361.3	5354.1	5390.6	5363.2	5363.2	5370.5
47.5°	5889.3	5914.8	5929.4	5944.0	5925.8	5953.3	5966.0	5958.7	5925.8	5918.5	5874.7
50°	6437.3	6459.2	6481.1	6521.3	6519.5	6532.3	6541.5	6508.5	6501.2	6461.0	6411.7
52.5°	7018.1	7074.8	7124.1	7208.2	7220.9	7264.8	7248.4	7193.6	7184.5	7118.7	7052.8
55°	7827.5	7989.9	8061.2	8190.9	8278.7	8276.8	8240.2	8231.1	8161.7	8030.2	7951.6
57.5°	9235.8	9489.7	9612.1	9780.2	9807.6	9791.1	9743.6	9659.6	9539.1	9318.0	9175.5
60°	11268.9	11426.0	11568.5	11608.7	11628.8	11597.7	11431.5	11245.2	11009.5	10704.5	10450.6
62.5°	12805.2	12965.9	13071.9	13055.4	12929.4	12770.5	12527.6	12215.1	11884.6	11542.9	11163.0
65°	13587.0	13654.6	13638.1	13510.3	13294.7	13017.1	12662.7	12277.3	11888.2	11484.5	11089.9
67°	13545.0	13546.8	13435.3	13186.9	12911.1	12562.2	12129.3	11709.1	11252.4	10828.7	10359.2
67.5°	13470.1	13462.8	13307.6	13035.3	12737.6	12377.7	11928.4	11493.6	11020.5	10593.1	10107.2
70°	12622.5	12520.2	12169.4	11734.7	11320.1	10834.2	10362.9	9864.1	9330.8	8963.6	8404.7
72.5°	10372.0	10026.7	9422.1	8967.3	8523.4	7887.7	7593.6	6974.3	6599.9	6366.0	5944.0
75°	6006.2	5717.6	5249.9	4824.4	4608.8	4232.4	4053.5	3598.5	3503.6	3500.0	3353.8
77.5°	2292.5	2000.2	1698.9	1368.2	1163.6	924.4	814.7	728.8	663.1	708.8	643.0
80°	1719.0	1413.9	1105.2	803.7	573.6	423.8	363.5	336.1	319.7	306.8	297.7
82.5°	1280.5	1010.2	783.6	511.5	358.0	270.4	233.8	219.2	211.9	199.1	188.2
85°	433.0	347.0	274.0	189.9	149.7	122.4	113.3	109.6	104.1	95.0	89.5
87.5°	23.7	22.0	23.7	18.2	22.0	18.2	20.1	20.1	20.1	18.2	18.2
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°	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6	1817.6
2.5°	1824.9	1824.9	1824.9	1821.2	1815.8	1804.8	1793.8	1784.7	1775.5	1770.1	1766.4
5°	1852.2	1848.6	1846.8	1845.0	1832.2	1810.3	1790.2	1771.9	1753.7	1739.1	1733.6
7.5°	1901.6	1894.3	1892.4	1886.9	1870.6	1837.6	1808.4	1779.2	1753.7	1733.6	1724.5
10°	1976.5	1976.5	1965.5	1958.2	1940.0	1896.2	1854.1	1815.8	1781.0	1759.1	1753.7
12.5°	2071.5	2071.5	2062.4	2056.9	2034.9	1978.3	1927.2	1881.5	1848.6	1826.7	1824.9
15°	2170.2	2168.3	2161.0	2153.7	2129.9	2069.6	2018.5	1978.3	1950.9	1925.4	1918.0
17.5°	2257.8	2257.8	2248.7	2241.3	2217.6	2166.4	2120.8	2091.6	2060.5	2007.6	1967.4
20°	2345.5	2347.4	2340.0	2332.7	2312.6	2268.8	2248.7	2219.5	2150.1	2034.9	1940.0
22.5°	2442.3	2449.6	2440.5	2433.2	2416.7	2398.4	2391.2	2321.8	2175.6	1991.1	1852.2
25°	2566.5	2579.3	2568.3	2564.7	2555.5	2561.0	2539.1	2378.3	2139.1	1896.2	1722.6
27.5°	2736.4	2736.4	2738.2	2738.2	2734.6	2754.7	2674.3	2380.2	2058.7	1773.7	1567.4
30°	2935.5	2946.4	2942.8	2942.8	2957.4	2970.3	2749.2	2340.0	1956.4	1622.1	1377.3
32.5°	3174.8	3183.9	3187.6	3171.2	3229.6	3163.8	2776.6	2266.9	1830.4	1434.0	1150.8
35°	3463.4	3476.2	3485.4	3487.2	3525.5	3331.9	2762.0	2159.2	1649.5	1198.3	902.4
37.5°	3839.7	3865.3	3885.4	3894.5	3896.4	3474.4	2721.8	2016.7	1413.9	935.2	672.2
40°	4340.2	4367.7	4362.2	4380.4	4276.3	3558.4	2630.5	1810.3	1121.6	686.8	518.8
42.5°	4822.5	4826.1	4833.5	4817.0	4605.1	3602.3	2502.6	1558.1	840.3	513.3	443.9
45°	5361.3	5330.4	5295.6	5270.1	4908.4	3618.7	2327.3	1251.3	593.7	431.1	411.0
47.5°	5867.4	5825.4	5754.1	5681.0	5178.7	3593.2	2102.5	937.1	451.2	394.6	389.1
50°	6364.2	6285.7	6185.2	6101.1	5438.1	3554.7	1854.1	675.9	394.6	376.3	370.8
52.5°	6979.8	6848.3	6716.8	6607.2	5776.1	3494.5	1592.8	513.3	370.8	361.7	354.4
55°	7823.7	7641.1	7429.2	7275.8	6234.5	3403.1	1318.9	434.7	359.9	352.5	341.6
57.5°	8992.8	8718.9	8479.6	8229.3	6861.0	3309.9	1083.2	403.7	358.0	347.0	332.4
60°	10187.5	9858.7	9553.7	9195.6	7500.4	3216.8	918.9	400.0	363.5	347.0	325.2
62.5°	10808.6	10468.8	10101.7	9738.1	7776.3	2997.6	805.6	405.5	376.3	352.5	325.2
65°	10666.1	10251.4	9878.8	9508.0	7456.6	2583.0	681.3	412.8	401.9	374.5	330.7
67°	9950.1	9517.1	9159.1	8804.7	6744.1	2162.8	584.6	420.1	429.3	400.0	341.6
67.5°	9697.9	9265.0	8912.4	8567.3	6534.1	2075.1	560.8	423.8	434.7	407.4	345.3
70°	8041.1	7723.3	7348.8	7082.1	5290.2	1536.3	460.3	431.1	467.7	449.3	361.7
72.5°	5786.9	5483.7	5202.5	5054.5	3896.4	1074.1	387.3	423.8	487.8	473.2	369.0
75°	3076.2	3057.9	2955.6	3028.7	2411.3	701.5	341.6	396.4	465.8	433.0	343.4
77.5°	621.0	639.4	750.8	739.8	778.1	390.9	292.2	339.8	359.9	317.8	279.5
80°	288.6	283.1	277.6	281.3	275.9	250.3	237.5	266.7	250.3	204.6	186.3
82.5°	179.1	175.3	169.8	168.1	186.3	199.1	208.3	210.1	166.2	142.5	137.0
85°	85.9	85.9	84.0	87.7	109.6	162.6	175.3	155.2	111.4	102.3	96.8
87.5°	16.5	16.5	18.2	16.5	22.0	38.3	43.8	51.2	42.0	43.8	49.3
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):

	165°	175°	180°
0°	1817.6	1817.6	1817.6
2.5°	1762.8	1759.1	1759.1
5°	1726.2	1724.5	1724.5
7.5°	1717.1	1719.0	1717.1
10°	1751.8	1749.9	1757.3
12.5°	1828.5	1834.0	1832.2
15°	1908.9	1912.5	1912.5
17.5°	1932.6	1919.9	1918.0
20°	1870.6	1846.8	1841.3
22.5°	1753.7	1709.7	1711.6
25°	1605.7	1552.7	1556.4
27.5°	1434.0	1377.3	1375.5
30°	1227.6	1165.4	1134.4
32.5°	979.1	904.2	904.2
35°	736.2	675.9	654.0
37.5°	559.0	524.2	513.3
40°	465.8	449.3	445.7
42.5°	423.8	418.3	416.5
45°	401.9	398.2	396.4
47.5°	381.8	380.0	378.1
50°	367.2	365.4	363.5
52.5°	354.4	350.8	348.9
55°	336.1	336.1	336.1
57.5°	325.2	325.2	323.3
60°	314.2	312.3	312.3
62.5°	305.1	301.5	303.2
65°	299.6	294.1	294.1
67°	296.0	285.0	285.0
67.5°	296.0	281.3	281.3
70°	290.5	266.7	263.0
72.5°	285.0	250.3	244.8
75°	270.4	237.5	232.0
77.5°	232.0	211.9	208.3
80°	179.1	155.2	159.0
82.5°	129.7	111.4	109.6
85°	93.2	80.4	80.4
87.5°	49.3	42.0	43.8
90°	0.0	0.0	0.0

(END OF REPORT)