

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: P151051

Luminaire Tested: **VXS-E06-LED-E1-SL3-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151051
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-SL3-7050
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18692.5 lumens
Efficiency: N/A
Efficacy: 124.2 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



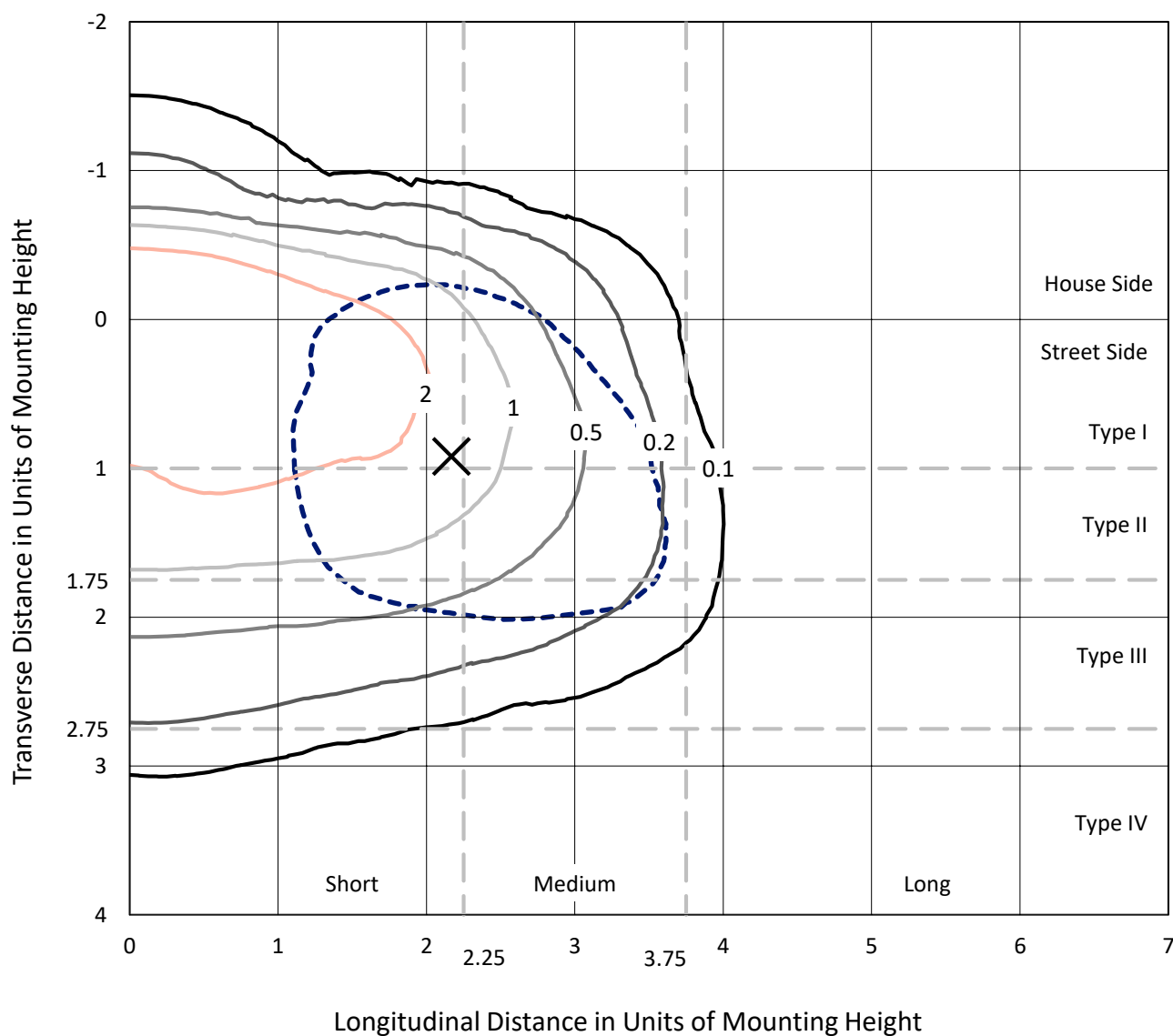
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

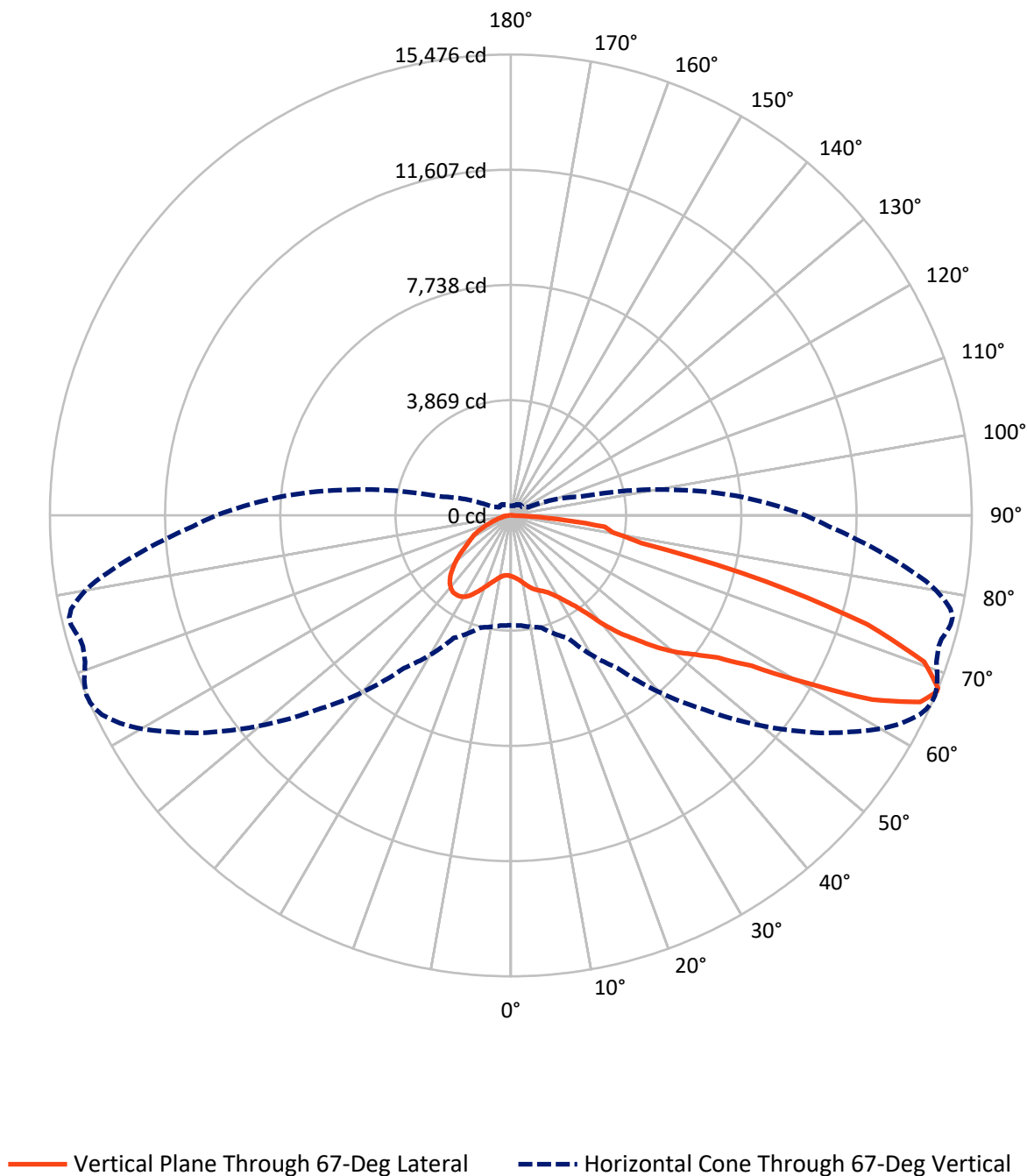


Based on 25 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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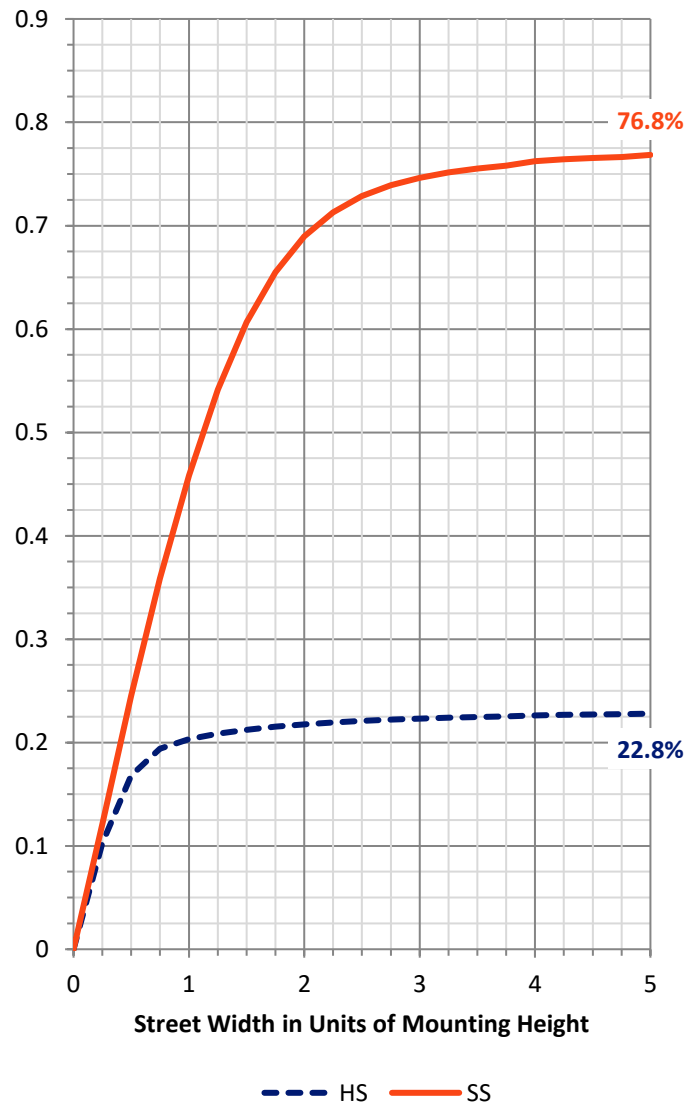
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4313.5	0.0	4313.5
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	14379.0	0.0	14379.0
	% Fixture	76.9	0.0	76.9
Total	Lumens	18692.5	0.0	18692.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.3	1.1
10°-20°	697.1	3.7
20°-30°	1230.9	6.6
30°-40°	1766.8	9.5
40°-50°	2683.4	14.4
50°-60°	3950.8	21.1
60°-70°	5250.5	28.1
70°-80°	2568.7	13.7
80°-90°	341.1	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°	18692.5	100.0
0°-180°	18692.5	100.0

Coefficient of Utilization



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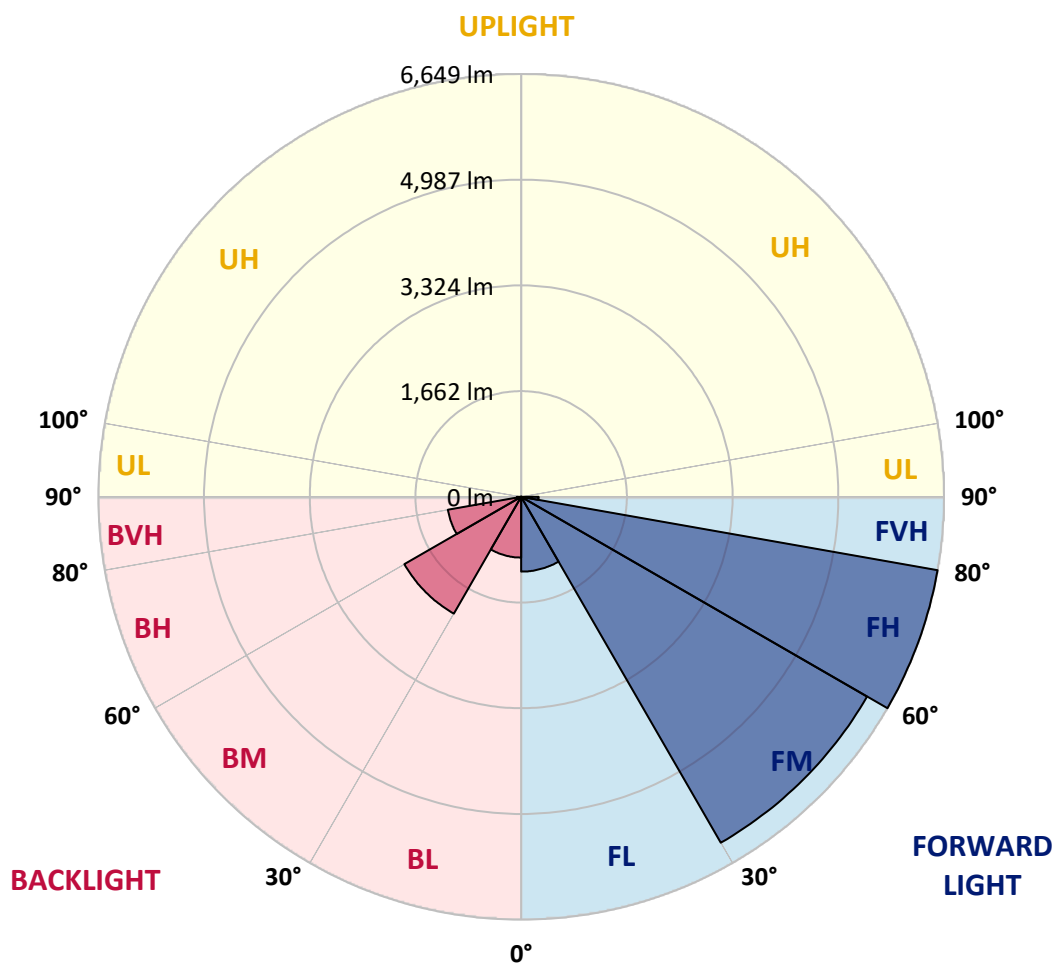
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1176.0	6.3			
FM	(30°-60°)	6280.3	33.6			
FH	(60°-80°)	6648.8	35.6			G3/7500
FVH	(80°-90°)	274.0	1.5			G3/500
BL	(0°-30°)	955.3	5.1	B2/1000		
BM	(30°-60°)	2120.7	11.3	B2/2500		
BH	(60°-80°)	1170.4	6.3	B3/2500		G3/2500
BVH	(80°-90°)	67.1	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°	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0
2.5°	2138.4	2140.4	2136.4	2134.3	2122.0	2109.6	2101.5	2091.2	2091.2	2091.2	2087.2
5°	2259.5	2251.3	2257.4	2243.1	2218.4	2195.9	2173.3	2154.8	2150.7	2150.7	2142.5
7.5°	2405.2	2394.9	2390.8	2370.3	2333.4	2300.5	2255.3	2236.9	2226.6	2222.6	2218.4
10°	2581.7	2581.7	2555.0	2520.1	2470.9	2413.4	2364.1	2331.3	2329.2	2329.2	2310.8
12.5°	2762.3	2766.4	2731.5	2696.6	2616.6	2540.6	2483.2	2446.2	2444.1	2436.0	2425.7
15°	2928.5	2918.2	2895.6	2844.4	2756.2	2665.8	2594.0	2557.1	2548.8	2540.6	2534.5
17.5°	3066.0	3055.8	3027.0	2961.3	2869.0	2762.3	2674.0	2635.0	2631.0	2626.8	2618.7
20°	3152.2	3143.9	3102.9	3027.0	2930.6	2821.8	2727.4	2700.7	2692.5	2692.5	2688.4
22.5°	3201.5	3189.1	3129.6	3029.0	2934.6	2854.6	2776.7	2760.2	2754.1	2756.2	2756.2
25°	3226.1	3215.9	3131.7	2988.0	2897.7	2875.1	2842.3	2832.0	2834.1	2836.2	2840.3
27.5°	3230.2	3215.9	3117.3	2934.6	2850.6	2914.1	2936.7	2953.2	2953.2	2961.3	2975.8
30°	3199.4	3183.0	3088.6	2893.6	2829.9	2992.1	3082.4	3125.5	3142.0	3137.8	3170.7
32.5°	3146.0	3135.8	3059.9	2893.6	2887.5	3146.0	3306.1	3367.7	3375.9	3380.0	3416.9
35°	3127.6	3125.5	3092.6	2992.1	3066.0	3416.9	3661.1	3708.4	3718.7	3718.7	3745.3
37.5°	3123.4	3133.7	3170.7	3176.8	3380.0	3819.2	4139.3	4211.1	4211.1	4231.7	4231.7
40°	3123.4	3146.0	3285.6	3451.8	3763.7	4342.5	4785.8	4867.9	4867.9	4890.5	4878.1
42.5°	3244.6	3277.4	3507.3	3823.3	4248.1	4882.2	5391.2	5483.5	5489.6	5483.5	5502.0
45°	3482.6	3511.3	3790.5	4243.9	4746.7	5460.9	5969.8	6080.7	6058.1	6072.5	6078.7
47.5°	3798.7	3843.8	4161.9	4703.6	5233.2	5996.6	6618.3	6719.0	6710.8	6716.9	6690.3
50°	4135.2	4182.4	4537.4	5159.3	5717.4	6427.6	7139.7	7289.4	7275.1	7285.4	7299.7
52.5°	4432.7	4461.6	4804.2	5502.0	6084.8	6829.7	7539.8	7726.5	7759.4	7763.5	7773.8
55°	4609.2	4644.1	4958.1	5672.3	6351.6	7223.7	7997.5	8280.6	8344.2	8360.7	8405.9
57.5°	4670.9	4707.8	4993.1	5696.9	6497.3	7593.2	8635.8	9134.4	9187.8	9276.0	9419.7
60°	4668.8	4707.8	4956.1	5641.6	6645.1	8050.8	9629.0	10464.2	10735.1	10825.4	11030.7
62.5°	4477.9	4523.1	4775.5	5473.3	6833.9	8635.8	11106.5	12391.3	12740.1	12904.4	13125.9
65°	4059.3	4092.1	4328.1	5046.4	6780.5	9212.3	12342.0	13944.8	14262.9	14503.0	14899.1
67°	3687.8	3708.4	3893.1	4541.6	6259.3	9232.8	12731.9	14330.6	14607.7	14862.1	15270.5
67.5°	3593.5	3636.5	3780.2	4387.7	6064.2	9116.0	12705.3	14271.1	14554.3	14819.0	15249.9
70°	2924.4	2986.0	3057.8	3466.2	4767.3	7669.1	11763.3	13240.8	13489.2	13735.4	14336.8
72.5°	1803.9	1914.7	1929.1	2187.7	3102.9	5300.8	9518.1	11166.1	11352.8	11529.3	12145.0
75°	1063.0	1079.5	1130.8	1340.1	1820.3	3168.6	6386.5	8295.0	8467.5	8553.6	9035.9
77.5°	593.1	609.5	652.6	833.2	1399.6	2134.3	3718.7	4874.0	4978.7	5087.5	5009.4
80°	246.2	268.8	289.3	336.6	654.6	1684.9	2557.1	3098.9	3166.5	3230.2	3310.3
82.5°	119.1	127.3	156.0	178.5	238.0	691.6	2005.0	2686.3	2766.4	2858.8	3045.5
85°	55.4	61.6	86.2	102.6	114.9	174.4	671.1	1307.3	1418.0	1438.5	1475.5
87.5°	4.1	4.1	10.3	14.4	20.5	22.6	69.7	98.5	110.8	100.5	127.3
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°	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0
2.5°	2085.1	2083.0	2078.9	2078.9	2076.8	2076.8	2076.8	2072.7	2072.7	2072.7	2070.7
5°	2140.4	2138.4	2132.2	2132.2	2128.2	2128.2	2122.0	2119.9	2115.9	2115.9	2113.8
7.5°	2212.3	2210.3	2202.1	2202.1	2195.9	2193.8	2189.7	2183.5	2183.5	2179.5	2175.3
10°	2310.8	2304.7	2302.6	2292.3	2294.4	2290.3	2286.1	2280.0	2275.9	2271.8	2267.7
12.5°	2421.7	2421.7	2411.4	2405.2	2409.3	2405.2	2397.0	2394.9	2388.8	2388.8	2382.6
15°	2526.3	2526.3	2522.2	2514.0	2516.1	2509.8	2507.8	2503.7	2495.4	2497.5	2495.4
17.5°	2616.6	2616.6	2610.4	2606.3	2606.3	2600.1	2602.2	2598.1	2594.0	2591.9	2585.8
20°	2688.4	2688.4	2684.2	2680.2	2682.3	2682.3	2676.1	2676.1	2676.1	2672.0	2672.0
22.5°	2758.1	2760.2	2760.2	2760.2	2762.3	2764.4	2762.3	2766.4	2764.4	2768.4	2768.4
25°	2850.6	2856.7	2860.8	2860.8	2871.1	2873.1	2875.1	2881.3	2881.3	2887.5	2889.5
27.5°	2988.0	2992.1	3008.5	3012.6	3014.7	3031.1	3033.2	3041.3	3049.5	3051.6	3053.7
30°	3176.8	3187.0	3199.4	3207.6	3207.6	3228.1	3236.4	3232.2	3254.8	3260.9	3269.2
32.5°	3429.2	3437.4	3449.7	3457.9	3466.2	3476.5	3478.5	3488.8	3507.3	3523.6	3513.4
35°	3747.4	3767.9	3747.4	3769.9	3776.1	3790.5	3786.3	3798.7	3806.8	3813.1	3811.0
37.5°	4209.1	4198.9	4194.7	4186.5	4172.1	4221.3	4196.8	4194.7	4182.4	4217.3	4194.7
40°	4816.6	4822.7	4828.8	4796.1	4777.5	4777.5	4771.4	4748.8	4738.5	4769.3	4765.3
42.5°	5450.7	5456.8	5428.1	5407.6	5360.4	5354.2	5325.5	5319.4	5309.1	5325.5	5309.1
45°	6027.4	6031.4	5967.9	5978.1	5941.1	5947.4	5902.2	5920.6	5896.0	5912.4	5943.2
47.5°	6671.7	6679.9	6624.6	6647.2	6610.2	6587.6	6585.6	6597.8	6571.2	6587.6	6595.9
50°	7256.6	7246.3	7217.6	7223.7	7207.4	7211.5	7186.8	7209.4	7178.7	7211.5	7207.4
52.5°	7775.9	7763.5	7757.3	7777.9	7763.5	7763.5	7749.1	7759.4	7763.5	7812.7	7823.0
55°	8405.9	8416.2	8426.4	8463.3	8479.7	8453.1	8479.7	8531.1	8533.1	8650.1	8713.7
57.5°	9417.6	9489.4	9526.3	9548.9	9645.4	9635.1	9696.7	9819.8	9832.1	10103.0	10261.0
60°	11182.5	11309.7	11430.8	11365.2	11560.1	11619.6	11656.6	11886.4	11958.2	12214.7	12352.2
62.5°	13411.2	13425.6	13614.4	13554.8	13665.7	13639.0	13684.1	13788.8	13883.2	14094.6	14223.8
65°	14966.7	15034.5	15108.4	15032.4	15030.4	14940.1	14882.6	14880.6	14938.0	14983.2	15126.8
67°	15389.5	15457.2	15475.8	15420.3	15340.3	15225.4	15118.7	15063.2	15026.3	15046.8	15137.1
67.5°	15385.4	15449.0	15471.6	15418.2	15307.5	15211.0	15098.1	15034.5	14985.3	14995.5	15071.4
70°	14511.2	14648.7	14722.6	14739.0	14724.7	14556.4	14459.9	14402.4	14361.3	14260.8	14254.6
72.5°	12294.8	12461.0	12518.4	12610.9	12651.9	12403.5	12298.9	12362.5	12218.9	11900.7	11915.1
75°	9027.7	9040.0	8847.0	8810.2	8672.6	8110.4	7942.1	7788.2	7541.9	7158.1	6796.9
77.5°	4705.7	4703.6	4482.1	4369.1	4205.0	3866.3	3849.9	3574.9	3382.1	3031.1	2903.8
80°	3343.0	3396.4	3470.3	3507.3	3449.7	3318.4	3137.8	2942.9	2719.2	2499.6	2236.9
82.5°	3109.1	3142.0	3180.9	3037.3	2957.2	2772.5	2635.0	2351.8	2193.8	1943.4	1678.8
85°	1512.4	1613.1	1535.0	1444.8	1414.0	1106.1	1069.2	892.7	810.7	666.9	621.9
87.5°	96.5	119.1	106.7	96.5	84.1	47.2	63.6	45.2	47.2	34.9	30.8
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°	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0
2.5°	2070.7	2068.6	2066.5	2064.6	2062.5	2062.5	2060.4	2058.3	2056.3	2052.2	2052.2
5°	2109.6	2109.6	2107.7	2103.5	2103.5	2099.4	2093.3	2091.2	2091.2	2087.2	2083.0
7.5°	2173.3	2171.2	2167.2	2165.1	2160.9	2156.9	2152.7	2148.7	2146.6	2140.4	2138.4
10°	2269.7	2265.6	2255.3	2251.3	2249.2	2245.1	2241.0	2236.9	2230.8	2226.6	2224.6
12.5°	2378.5	2376.5	2368.3	2372.3	2362.1	2358.0	2353.9	2343.6	2347.8	2339.5	2335.4
15°	2487.3	2489.3	2485.2	2485.2	2477.0	2470.9	2466.7	2458.5	2456.5	2452.4	2448.3
17.5°	2583.7	2587.9	2581.7	2577.6	2573.5	2569.3	2561.1	2553.0	2553.0	2544.8	2540.6
20°	2672.0	2676.1	2674.0	2669.9	2663.7	2661.8	2657.6	2651.5	2651.5	2647.4	2641.2
22.5°	2772.5	2774.6	2774.6	2772.5	2766.4	2768.4	2764.4	2758.1	2760.2	2752.0	2752.0
25°	2893.6	2897.7	2901.9	2903.8	2899.8	2901.9	2897.7	2893.6	2891.6	2893.6	2891.6
27.5°	3059.9	3063.9	3076.3	3066.0	3076.3	3078.3	3072.1	3063.9	3070.2	3080.4	3074.2
30°	3279.5	3275.3	3291.7	3293.8	3291.7	3293.8	3289.7	3283.5	3287.7	3306.1	3295.9
32.5°	3525.7	3533.9	3538.0	3542.1	3548.3	3556.5	3550.4	3544.1	3554.4	3548.3	3562.6
35°	3823.3	3841.8	3847.9	3841.8	3845.8	3860.2	3858.1	3860.2	3880.7	3860.2	3886.8
37.5°	4198.9	4217.3	4231.7	4223.4	4233.7	4233.7	4250.2	4295.2	4266.5	4303.5	4332.2
40°	4744.7	4773.5	4775.5	4773.5	4783.7	4796.1	4812.4	4861.7	4828.8	4867.9	4894.5
42.5°	5307.0	5341.9	5354.2	5333.7	5356.3	5382.9	5385.0	5428.1	5430.2	5436.3	5450.7
45°	5941.1	5971.9	5996.6	5986.3	5988.4	6023.2	6015.0	6056.1	6025.3	6025.3	6033.5
47.5°	6616.4	6645.1	6661.5	6677.9	6657.4	6688.2	6702.5	6694.3	6657.4	6649.1	6599.9
50°	7232.0	7256.6	7281.2	7326.4	7324.4	7338.8	7349.0	7312.0	7303.8	7258.7	7203.2
52.5°	7884.6	7948.2	8003.6	8098.0	8112.4	8161.7	8143.2	8081.7	8071.3	7997.5	7923.6
55°	8793.7	8976.4	9056.4	9202.1	9300.6	9298.5	9257.5	9247.3	9169.3	9021.6	8933.3
57.5°	10376.0	10661.2	10798.8	10987.6	11018.3	10999.9	10946.5	10852.1	10716.7	10468.3	10308.3
60°	12660.1	12836.6	12996.7	13041.8	13064.4	13029.5	12842.7	12633.4	12368.7	12025.9	11740.7
62.5°	14386.0	14566.6	14685.6	14667.2	14525.6	14347.0	14074.1	13723.1	13351.7	12967.9	12541.0
65°	15264.4	15340.3	15321.8	15178.1	14936.0	14624.0	14225.9	13793.0	13355.8	12902.3	12459.0
67°	15217.1	15219.2	15094.0	14814.9	14505.1	14113.1	13626.6	13154.7	12641.7	12165.5	11638.1
67.5°	15133.0	15124.8	14950.4	14644.6	14310.1	13905.8	13400.9	12912.5	12381.0	11900.7	11354.9
70°	14180.8	14065.8	13671.8	13183.4	12717.5	12171.7	11642.2	11082.0	10482.7	10070.2	9442.2
72.5°	11652.4	11264.6	10585.3	10074.3	9575.6	8861.5	8531.1	7835.3	7414.6	7151.9	6677.9
75°	6747.7	6423.4	5898.0	5419.9	5177.7	4754.9	4553.9	4042.9	3936.2	3932.0	3767.9
77.5°	2575.5	2247.2	1908.6	1537.1	1307.3	1038.4	915.3	818.9	745.0	796.3	722.4
80°	1931.1	1588.4	1241.6	903.0	644.4	476.1	408.4	377.6	359.2	344.8	334.5
82.5°	1438.5	1134.9	880.4	574.6	402.3	303.7	262.7	246.2	238.0	223.7	211.4
85°	486.4	389.9	307.9	213.5	168.3	137.5	127.3	123.1	117.0	106.7	100.5
87.5°	26.6	24.7	26.6	20.5	24.7	20.5	22.6	22.6	22.6	20.5	20.5
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0	2042.0
2.5°	2050.2	2050.2	2050.2	2046.0	2039.9	2027.6	2015.2	2005.0	1994.7	1988.6	1984.5
5°	2080.9	2076.8	2074.8	2072.7	2058.3	2033.8	2011.2	1990.7	1970.2	1953.7	1947.6
7.5°	2136.4	2128.2	2126.1	2119.9	2101.5	2064.6	2031.7	1998.9	1970.2	1947.6	1937.3
10°	2220.5	2220.5	2208.2	2200.0	2179.5	2130.2	2083.0	2039.9	2000.9	1976.3	1970.2
12.5°	2327.3	2327.3	2317.0	2310.8	2286.1	2222.6	2165.1	2113.8	2076.8	2052.2	2050.2
15°	2438.0	2436.0	2427.8	2419.6	2392.8	2325.2	2267.7	2222.6	2191.7	2163.0	2154.8
17.5°	2536.6	2536.6	2526.3	2518.0	2491.4	2433.9	2382.6	2349.7	2314.9	2255.3	2210.3
20°	2635.0	2637.1	2628.9	2620.6	2598.1	2548.8	2526.3	2493.5	2415.4	2286.1	2179.5
22.5°	2743.8	2752.0	2741.8	2733.6	2715.0	2694.5	2686.3	2608.4	2444.1	2236.9	2080.9
25°	2883.3	2897.7	2885.4	2881.3	2871.1	2877.2	2852.5	2672.0	2403.1	2130.2	1935.2
27.5°	3074.2	3074.2	3076.3	3076.3	3072.1	3094.7	3004.5	2674.0	2312.8	1992.7	1760.8
30°	3297.9	3310.3	3306.1	3306.1	3322.5	3336.9	3088.6	2628.9	2197.9	1822.4	1547.4
32.5°	3566.7	3577.0	3581.1	3562.6	3628.3	3554.4	3119.4	2546.8	2056.3	1611.0	1292.8
35°	3891.0	3905.4	3915.6	3917.7	3960.7	3743.2	3102.9	2425.7	1853.2	1346.2	1013.8
37.5°	4313.8	4342.5	4365.1	4375.3	4377.4	3903.3	3057.8	2265.6	1588.4	1050.8	755.2
40°	4876.1	4906.8	4900.7	4921.2	4804.2	3997.7	2955.2	2033.8	1260.1	771.6	582.8
42.5°	5417.8	5422.0	5430.2	5411.7	5173.6	4046.9	2811.5	1750.6	944.0	576.7	498.7
45°	6023.2	5988.4	5949.3	5920.6	5514.3	4065.4	2614.5	1405.8	666.9	484.4	461.8
47.5°	6591.7	6544.5	6464.5	6382.4	5818.0	4036.7	2362.1	1052.7	506.9	443.3	437.1
50°	7149.9	7061.7	6948.8	6854.4	6109.4	3993.6	2083.0	759.3	443.3	422.8	416.6
52.5°	7841.5	7693.8	7546.0	7422.8	6489.1	3925.9	1789.5	576.7	416.6	406.3	398.1
55°	8789.6	8584.4	8346.3	8174.0	7004.1	3823.3	1481.7	488.4	404.2	396.1	383.7
57.5°	10103.0	9795.2	9526.3	9245.2	7708.1	3718.7	1217.0	453.6	402.3	389.9	373.5
60°	11445.2	11075.8	10733.1	10330.9	8426.4	3614.0	1032.2	449.4	408.4	389.9	365.3
62.5°	12142.9	11761.2	11348.7	10940.3	8736.3	3367.7	905.0	455.5	422.8	396.1	365.3
65°	11982.9	11517.0	11098.3	10681.8	8377.1	2901.9	765.5	463.8	451.5	420.7	371.4
67°	11178.3	10692.0	10289.7	9891.6	7576.8	2429.8	656.7	472.0	482.3	449.4	383.7
67.5°	10895.2	10408.8	10012.7	9624.9	7340.7	2331.3	630.1	476.1	488.4	457.6	387.9
70°	9033.8	8676.8	8256.1	7956.4	5943.2	1725.9	517.2	484.4	525.4	504.9	406.3
72.5°	6501.5	6160.7	5844.7	5678.4	4377.4	1206.7	435.0	476.1	548.0	531.5	414.5
75°	3456.0	3435.4	3320.5	3402.6	2708.9	788.1	383.7	445.3	523.3	486.4	385.8
77.5°	697.7	718.2	843.4	831.2	874.2	439.2	328.4	381.8	404.2	357.1	314.0
80°	324.2	318.1	311.9	316.1	309.8	281.1	266.7	299.6	281.1	229.8	209.3
82.5°	201.1	197.0	190.9	188.8	209.3	223.7	234.0	236.0	186.7	160.1	153.9
85°	96.5	96.5	94.4	98.5	123.1	182.7	197.0	174.4	125.2	114.9	108.8
87.5°	18.4	18.4	20.5	18.4	24.7	43.1	49.2	57.5	47.2	49.2	55.4
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):

	165°	175°	180°
0°	2042.0	2042.0	2042.0
2.5°	1980.4	1976.3	1976.3
5°	1939.4	1937.3	1937.3
7.5°	1929.1	1931.1	1929.1
10°	1968.1	1966.0	1974.2
12.5°	2054.3	2060.4	2058.3
15°	2144.6	2148.7	2148.7
17.5°	2171.2	2156.9	2154.8
20°	2101.5	2074.8	2068.6
22.5°	1970.2	1920.8	1922.9
25°	1803.9	1744.4	1748.5
27.5°	1611.0	1547.4	1545.3
30°	1379.1	1309.3	1274.4
32.5°	1100.0	1015.9	1015.9
35°	827.0	759.3	734.7
37.5°	628.0	589.0	576.7
40°	523.3	504.9	500.7
42.5°	476.1	469.9	467.9
45°	451.5	447.4	445.3
47.5°	428.9	426.8	424.8
50°	412.5	410.5	408.4
52.5°	398.1	394.0	392.0
55°	377.6	377.6	377.6
57.5°	365.3	365.3	363.2
60°	353.0	350.9	350.9
62.5°	342.7	338.7	340.6
65°	336.6	330.4	330.4
67°	332.4	320.1	320.1
67.5°	332.4	316.1	316.1
70°	326.3	299.6	295.5
72.5°	320.1	281.1	275.0
75°	303.7	266.7	260.6
77.5°	260.6	238.0	234.0
80°	201.1	174.4	178.5
82.5°	145.7	125.2	123.1
85°	104.7	90.3	90.3
87.5°	55.4	47.2	49.2
90°	0.0	0.0	0.0

(END OF REPORT)