

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: P151050

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151050
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
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18217 lumens
Efficiency: N/A
Efficacy: 121.0 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

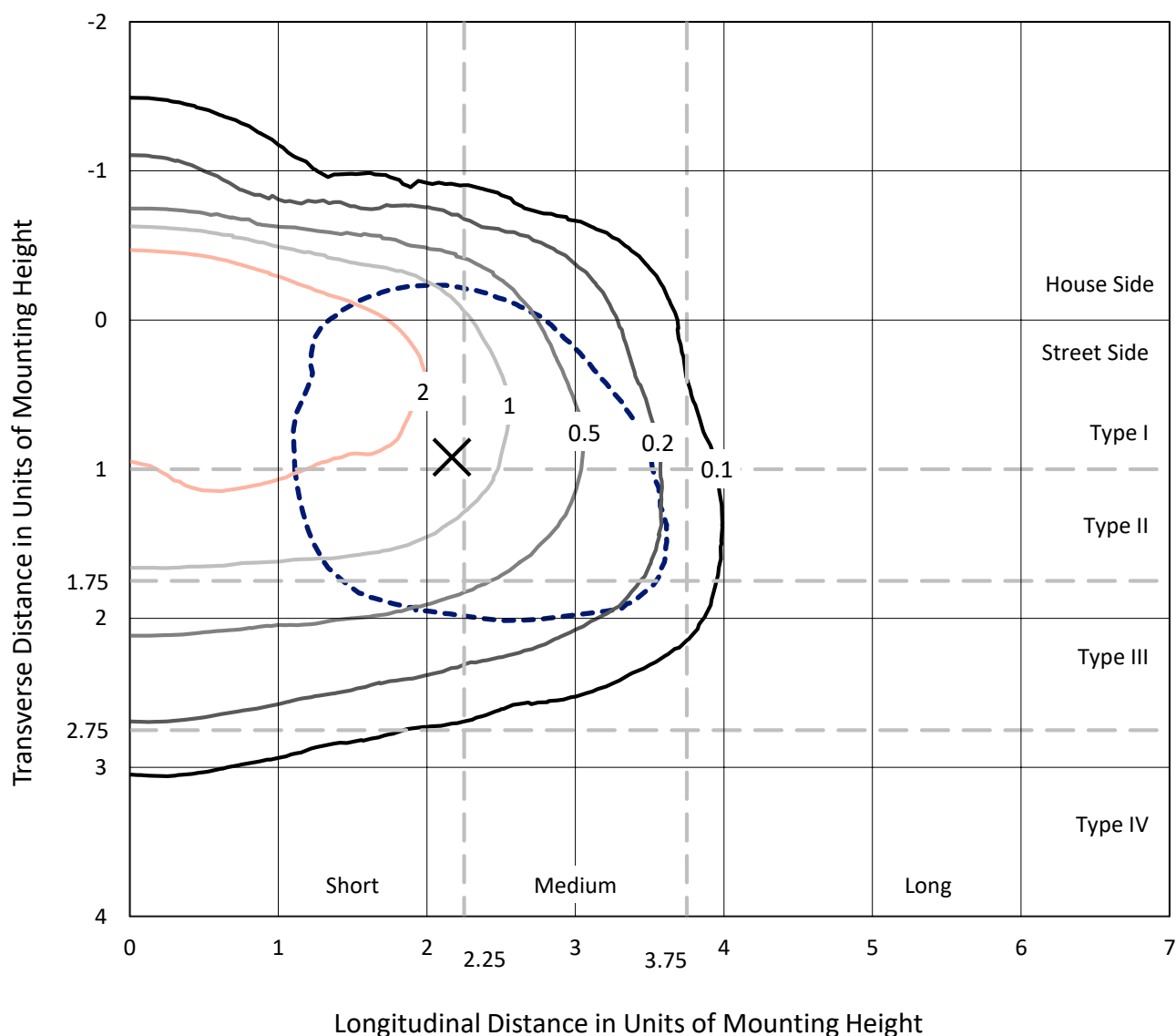


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

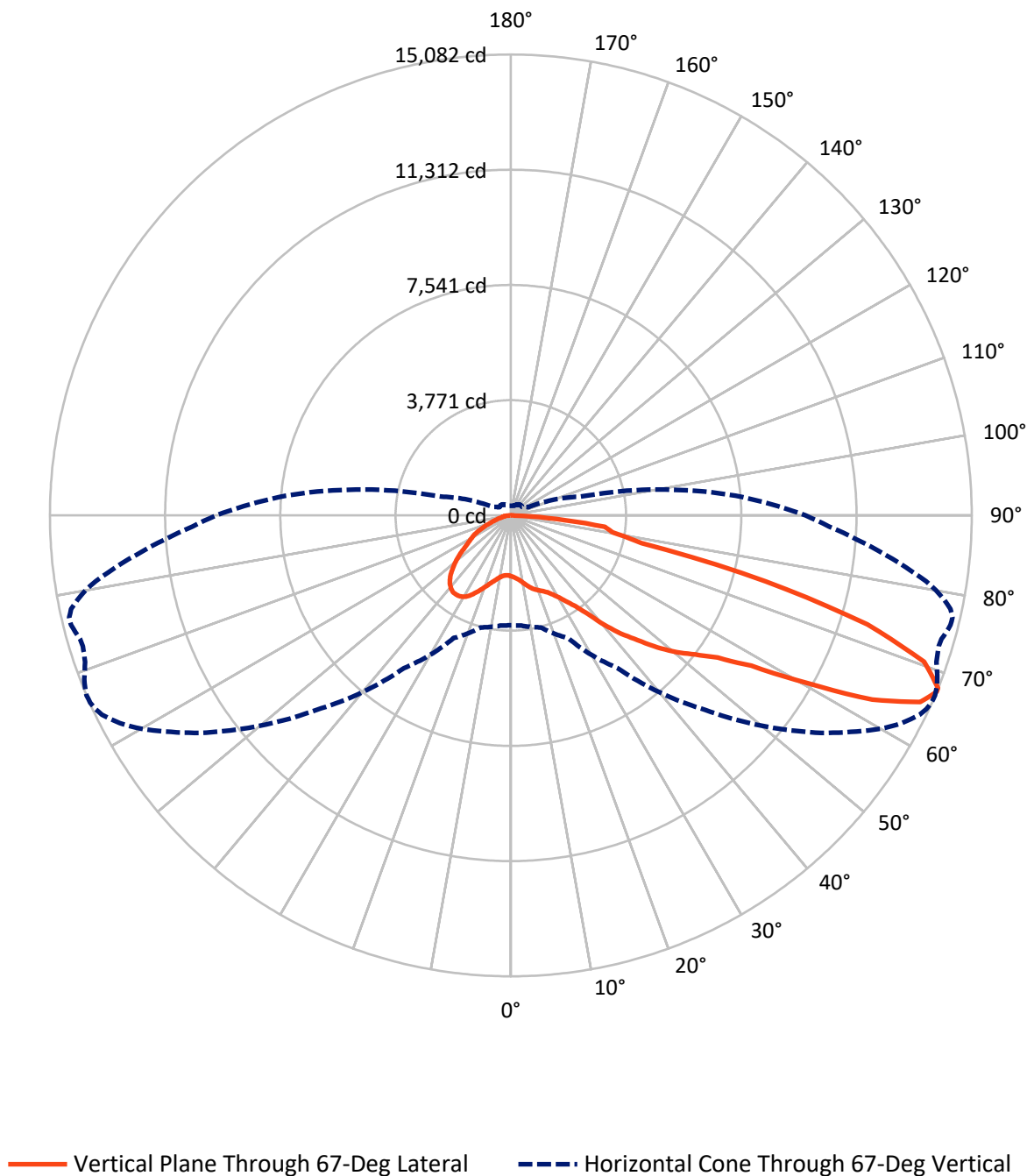


Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4203.8	0.0	4203.8
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	14013.2	0.0	14013.2
	% Fixture	76.9	0.0	76.9
Total	Lumens	18217.0	0.0	18217.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.1	1.1
10°-20°	679.4	3.7
20°-30°	1199.6	6.6
30°-40°	1721.8	9.5
40°-50°	2615.1	14.4
50°-60°	3850.3	21.1
60°-70°	5116.9	28.1
70°-80°	2503.3	13.7
80°-90°	332.4	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°	18217.0	100.0
0°-180°	18217.0	100.0

Coefficient of Utilization



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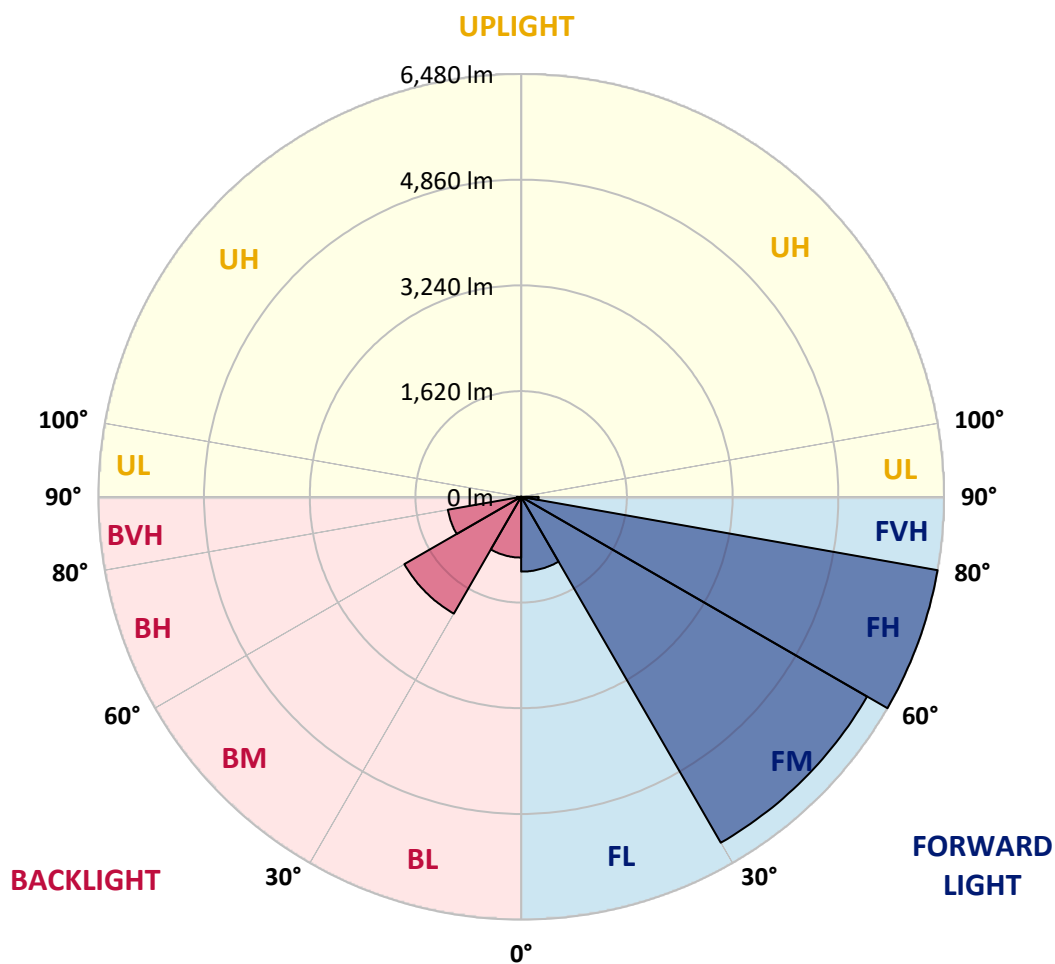
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1146.0	6.3			
FM	(30°-60°)	6120.5	33.6			
FH	(60°-80°)	6479.6	35.6			G3/7500
FVH	(80°-90°)	267.0	1.5			G3/500
BL	(0°-30°)	931.0	5.1	B2/1000		
BM	(30°-60°)	2066.8	11.3	B2/2500		
BH	(60°-80°)	1140.6	6.3	B3/2500		G3/2500
BVH	(80°-90°)	65.4	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°	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1
2.5°	2084.0	2086.0	2082.0	2080.0	2068.0	2056.0	2048.0	2038.0	2038.0	2038.0	2034.0
5°	2202.0	2194.0	2200.0	2186.0	2162.0	2140.0	2118.0	2100.0	2096.0	2096.0	2088.0
7.5°	2344.0	2334.0	2329.9	2310.1	2274.0	2242.0	2198.0	2180.0	2169.9	2166.0	2162.0
10°	2516.0	2516.0	2489.9	2456.0	2408.0	2352.0	2304.0	2272.0	2269.9	2269.9	2252.0
12.5°	2692.0	2696.0	2662.0	2628.0	2550.1	2476.0	2420.0	2384.0	2382.0	2374.0	2364.0
15°	2854.0	2844.0	2822.0	2772.0	2686.0	2598.0	2528.0	2492.0	2484.0	2476.0	2469.9
17.5°	2988.0	2978.0	2950.1	2886.0	2796.0	2692.0	2606.0	2568.0	2564.0	2560.0	2552.0
20°	3072.0	3064.0	3024.0	2950.1	2856.0	2750.1	2658.0	2632.0	2624.0	2624.0	2620.0
22.5°	3120.0	3108.0	3049.9	2952.0	2860.0	2782.0	2706.0	2689.9	2684.0	2686.0	2686.0
25°	3144.0	3134.0	3052.0	2912.0	2824.0	2802.0	2769.9	2760.0	2762.0	2764.0	2768.0
27.5°	3148.0	3134.0	3038.0	2860.0	2778.0	2840.0	2862.0	2878.0	2878.0	2886.0	2900.0
30°	3118.0	3102.0	3009.9	2820.0	2758.0	2916.0	3004.0	3046.0	3062.0	3058.0	3089.9
32.5°	3066.0	3056.0	2982.0	2820.0	2814.0	3066.0	3222.0	3282.0	3289.9	3294.0	3329.9
35°	3048.0	3046.0	3014.0	2916.0	2988.0	3329.9	3568.0	3614.0	3624.0	3624.0	3649.9
37.5°	3044.0	3054.0	3089.9	3096.0	3294.0	3722.0	4034.0	4104.0	4104.0	4124.0	4124.0
40°	3044.0	3066.0	3202.0	3364.0	3668.0	4232.0	4664.0	4744.0	4744.0	4766.0	4754.0
42.5°	3162.0	3194.0	3418.0	3726.0	4140.0	4758.0	5254.0	5344.0	5350.1	5344.0	5362.0
45°	3394.0	3422.0	3694.0	4136.0	4626.0	5322.0	5818.0	5926.0	5904.0	5918.0	5924.0
47.5°	3702.0	3746.0	4056.0	4584.0	5100.0	5844.0	6449.9	6548.0	6540.0	6546.0	6520.0
50°	4030.1	4076.0	4422.0	5028.0	5572.0	6264.0	6958.0	7104.0	7089.9	7100.0	7114.0
52.5°	4320.0	4348.0	4682.0	5362.0	5929.9	6656.0	7348.0	7529.9	7562.0	7566.0	7576.0
55°	4492.0	4526.0	4832.0	5528.0	6189.9	7040.0	7794.0	8070.1	8132.0	8148.0	8192.0
57.5°	4552.0	4588.0	4866.0	5552.0	6332.0	7400.0	8416.0	8902.0	8954.0	9040.0	9180.0
60°	4550.1	4588.0	4830.1	5498.0	6476.0	7846.0	9384.0	10198.0	10462.0	10550.1	10750.1
62.5°	4364.0	4408.0	4654.0	5334.0	6660.0	8416.0	10824.0	12076.0	12416.0	12576.0	12792.0
65°	3956.0	3988.0	4218.0	4918.0	6608.0	8978.0	12028.0	13590.1	13900.0	14134.0	14520.0
67°	3594.0	3614.0	3794.0	4426.0	6100.0	8998.0	12408.0	13966.0	14236.0	14484.0	14882.0
67.5°	3502.0	3544.0	3684.0	4276.0	5910.1	8884.0	12382.0	13908.0	14184.0	14442.0	14862.0
70°	2849.9	2910.1	2980.0	3378.0	4646.0	7474.0	11464.0	12904.0	13146.0	13386.0	13972.0
72.5°	1758.0	1866.0	1880.0	2132.0	3024.0	5166.0	9276.0	10882.0	11064.0	11236.0	11836.0
75°	1036.0	1052.0	1102.0	1306.0	1774.0	3088.0	6224.0	8084.0	8252.0	8336.0	8806.0
77.5°	578.0	594.0	636.0	812.0	1364.0	2080.0	3624.0	4750.1	4852.0	4958.0	4882.0
80°	240.0	262.0	282.0	328.0	638.0	1642.0	2492.0	3020.0	3086.0	3148.0	3226.0
82.5°	116.0	124.0	152.0	174.0	232.0	674.0	1954.0	2618.0	2696.0	2786.0	2968.0
85°	54.0	60.0	84.0	100.0	112.0	169.9	654.0	1274.0	1382.0	1402.0	1438.0
87.5°	4.0	4.0	9.9	14.0	20.0	22.0	68.0	96.0	108.0	98.0	124.0
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1
2.5°	2032.0	2030.1	2026.0	2026.0	2024.0	2024.0	2024.0	2020.0	2020.0	2020.0	2018.0
5°	2086.0	2084.0	2078.0	2078.0	2074.0	2074.0	2068.0	2066.0	2062.0	2062.0	2060.0
7.5°	2156.0	2154.0	2146.0	2146.0	2140.0	2138.0	2134.0	2128.0	2128.0	2124.0	2120.0
10°	2252.0	2246.0	2244.0	2234.0	2236.0	2232.0	2228.0	2222.0	2218.0	2214.0	2209.9
12.5°	2360.0	2360.0	2350.1	2344.0	2348.0	2344.0	2336.0	2334.0	2328.0	2328.0	2322.0
15°	2462.0	2462.0	2458.0	2449.9	2452.0	2446.0	2444.0	2440.0	2432.0	2434.0	2432.0
17.5°	2550.1	2550.1	2544.0	2540.0	2540.0	2534.0	2536.0	2532.0	2528.0	2526.0	2520.0
20°	2620.0	2620.0	2616.0	2612.0	2614.0	2614.0	2608.0	2608.0	2608.0	2604.0	2604.0
22.5°	2688.0	2689.9	2689.9	2689.9	2692.0	2694.0	2692.0	2696.0	2694.0	2698.0	2698.0
25°	2778.0	2784.0	2788.0	2788.0	2798.0	2800.0	2802.0	2808.0	2808.0	2814.0	2816.0
27.5°	2912.0	2916.0	2932.0	2936.0	2938.0	2954.0	2956.0	2964.0	2972.0	2974.0	2976.0
30°	3096.0	3106.0	3118.0	3126.0	3126.0	3146.0	3154.0	3150.1	3172.0	3178.0	3186.0
32.5°	3342.0	3350.1	3362.0	3369.9	3378.0	3388.0	3390.1	3400.0	3418.0	3434.0	3424.0
35°	3652.0	3672.0	3652.0	3674.0	3680.0	3694.0	3689.9	3702.0	3710.1	3716.0	3714.0
37.5°	4102.0	4092.0	4088.0	4080.0	4066.0	4114.0	4089.9	4088.0	4076.0	4110.1	4088.0
40°	4694.0	4700.0	4706.0	4674.0	4656.0	4656.0	4649.9	4628.0	4618.0	4648.0	4644.0
42.5°	5312.0	5318.0	5289.9	5270.1	5224.0	5218.0	5189.9	5184.0	5174.0	5189.9	5174.0
45°	5874.0	5878.0	5816.0	5826.0	5789.9	5796.0	5752.0	5769.9	5746.0	5762.0	5792.0
47.5°	6502.0	6510.1	6456.0	6478.0	6442.0	6420.0	6418.0	6430.1	6404.0	6420.0	6428.0
50°	7072.0	7062.0	7034.0	7040.0	7024.0	7028.0	7004.0	7026.0	6996.0	7028.0	7024.0
52.5°	7578.0	7566.0	7560.0	7580.0	7566.0	7566.0	7552.0	7562.0	7566.0	7614.0	7624.0
55°	8192.0	8202.0	8212.0	8248.0	8264.0	8238.0	8264.0	8314.0	8316.0	8430.1	8492.0
57.5°	9178.0	9248.0	9284.0	9306.0	9400.0	9390.1	9449.9	9569.9	9582.0	9846.0	10000.0
60°	10898.0	11022.0	11140.0	11076.0	11266.0	11324.0	11360.0	11584.0	11654.0	11904.0	12038.0
62.5°	13070.1	13084.0	13268.0	13209.9	13318.0	13292.0	13336.0	13438.0	13529.9	13736.0	13862.0
65°	14586.0	14652.0	14724.0	14649.9	14648.0	14560.0	14504.0	14502.0	14558.0	14602.0	14742.0
67°	14998.0	15064.0	15082.0	15028.0	14950.1	14838.0	14734.0	14680.0	14644.0	14664.0	14752.0
67.5°	14994.0	15056.0	15078.0	15026.0	14918.0	14824.0	14714.0	14652.0	14604.0	14614.0	14688.0
70°	14142.0	14276.0	14348.0	14364.0	14350.1	14186.0	14092.0	14036.0	13996.0	13898.0	13892.0
72.5°	11982.0	12144.0	12200.0	12289.9	12329.9	12088.0	11986.0	12048.0	11908.0	11598.0	11612.0
75°	8798.0	8809.9	8622.0	8586.0	8452.0	7904.0	7740.0	7590.1	7350.1	6976.0	6624.0
77.5°	4586.0	4584.0	4368.0	4258.0	4098.0	3768.0	3752.0	3484.0	3296.0	2954.0	2830.1
80°	3258.0	3310.1	3382.0	3418.0	3362.0	3234.0	3058.0	2868.0	2649.9	2436.0	2180.0
82.5°	3030.1	3062.0	3100.0	2960.0	2882.0	2702.0	2568.0	2292.0	2138.0	1894.0	1636.0
85°	1474.0	1572.0	1496.0	1408.0	1378.0	1078.0	1042.0	870.1	790.1	649.9	606.0
87.5°	94.0	116.0	104.0	94.0	82.0	46.0	62.0	44.0	46.0	34.0	30.1
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1
2.5°	2018.0	2016.0	2014.0	2012.0	2009.9	2009.9	2008.0	2006.0	2004.0	2000.0	2000.0
5°	2056.0	2056.0	2054.0	2049.9	2049.9	2046.0	2040.0	2038.0	2038.0	2034.0	2030.1
7.5°	2118.0	2116.0	2112.0	2110.1	2106.0	2102.0	2098.0	2094.0	2092.0	2086.0	2084.0
10°	2212.0	2208.0	2198.0	2194.0	2192.0	2188.0	2184.0	2180.0	2174.0	2169.9	2168.0
12.5°	2318.0	2316.0	2308.0	2312.0	2302.0	2298.0	2294.0	2284.0	2288.0	2280.0	2276.0
15°	2424.0	2426.0	2422.0	2422.0	2414.0	2408.0	2404.0	2396.0	2394.0	2390.1	2386.0
17.5°	2518.0	2522.0	2516.0	2512.0	2508.0	2504.0	2496.0	2488.0	2488.0	2480.0	2476.0
20°	2604.0	2608.0	2606.0	2602.0	2596.0	2594.0	2590.1	2584.0	2584.0	2580.0	2574.0
22.5°	2702.0	2704.0	2704.0	2702.0	2696.0	2698.0	2694.0	2688.0	2689.9	2682.0	2682.0
25°	2820.0	2824.0	2828.0	2830.1	2826.0	2828.0	2824.0	2820.0	2818.0	2820.0	2818.0
27.5°	2982.0	2986.0	2998.0	2988.0	2998.0	3000.0	2994.0	2986.0	2992.0	3002.0	2996.0
30°	3196.0	3192.0	3208.0	3209.9	3208.0	3209.9	3206.0	3200.0	3204.0	3222.0	3212.0
32.5°	3436.0	3444.0	3448.0	3452.0	3458.0	3466.0	3460.0	3454.0	3464.0	3458.0	3472.0
35°	3726.0	3744.0	3750.1	3744.0	3748.0	3762.0	3760.0	3762.0	3782.0	3762.0	3788.0
37.5°	4092.0	4110.1	4124.0	4116.0	4126.0	4126.0	4142.0	4186.0	4158.0	4194.0	4222.0
40°	4624.0	4652.0	4654.0	4652.0	4662.0	4674.0	4689.9	4738.0	4706.0	4744.0	4769.9
42.5°	5172.0	5206.0	5218.0	5198.0	5220.0	5246.0	5248.0	5289.9	5292.0	5298.0	5312.0
45°	5789.9	5820.0	5844.0	5834.0	5836.0	5870.1	5862.0	5902.0	5872.0	5872.0	5880.0
47.5°	6448.0	6476.0	6492.0	6508.0	6488.0	6518.0	6532.0	6524.0	6488.0	6480.0	6432.0
50°	7048.0	7072.0	7096.0	7140.0	7138.0	7152.0	7162.0	7126.0	7118.0	7074.0	7020.0
52.5°	7684.0	7746.0	7800.0	7892.0	7906.0	7954.0	7936.0	7876.0	7866.0	7794.0	7722.0
55°	8569.9	8748.0	8826.0	8968.0	9064.0	9062.0	9022.0	9012.0	8936.0	8792.0	8706.0
57.5°	10112.0	10390.1	10524.0	10708.0	10738.0	10720.0	10668.0	10576.0	10444.0	10202.0	10046.0
60°	12338.0	12510.1	12666.0	12710.1	12732.0	12698.0	12516.0	12312.0	12054.0	11720.0	11442.0
62.5°	14020.0	14196.0	14312.0	14294.0	14156.0	13982.0	13716.0	13374.0	13012.0	12638.0	12222.0
65°	14876.0	14950.1	14932.0	14792.0	14556.0	14252.0	13864.0	13442.0	13016.0	12574.0	12142.0
67°	14830.1	14832.0	14710.1	14438.0	14136.0	13754.0	13280.0	12820.0	12320.0	11856.0	11342.0
67.5°	14748.0	14740.0	14569.9	14272.0	13946.0	13552.0	13060.0	12584.0	12066.0	11598.0	11066.0
70°	13820.0	13708.0	13324.0	12848.0	12394.0	11862.0	11346.0	10800.0	10216.0	9814.0	9202.0
72.5°	11356.0	10978.0	10316.0	9818.0	9332.0	8636.0	8314.0	7636.0	7226.0	6969.9	6508.0
75°	6576.0	6260.0	5748.0	5282.0	5046.0	4634.0	4438.0	3940.0	3836.0	3832.0	3672.0
77.5°	2510.1	2190.1	1860.0	1498.0	1274.0	1012.0	892.0	798.0	726.0	776.0	704.0
80°	1882.0	1548.0	1209.9	880.0	628.0	464.0	398.0	368.0	350.1	336.0	326.0
82.5°	1402.0	1106.0	858.0	560.0	392.0	296.0	256.0	240.0	232.0	218.0	206.0
85°	474.0	380.0	300.0	208.0	164.0	134.0	124.0	120.0	114.0	104.0	98.0
87.5°	26.0	24.0	26.0	20.0	24.0	20.0	22.0	22.0	22.0	20.0	20.0
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1	1990.1
2.5°	1998.0	1998.0	1998.0	1994.0	1988.0	1976.0	1964.0	1954.0	1944.0	1938.0	1934.0
5°	2028.0	2024.0	2022.0	2020.0	2006.0	1982.0	1960.0	1940.0	1920.0	1904.0	1898.0
7.5°	2082.0	2074.0	2072.0	2066.0	2048.0	2012.0	1980.0	1948.0	1920.0	1898.0	1888.0
10°	2164.0	2164.0	2152.0	2144.0	2124.0	2076.0	2030.1	1988.0	1950.1	1926.0	1920.0
12.5°	2268.0	2268.0	2258.0	2252.0	2228.0	2166.0	2110.1	2060.0	2024.0	2000.0	1998.0
15°	2376.0	2374.0	2366.0	2358.0	2332.0	2266.0	2209.9	2166.0	2136.0	2108.0	2100.0
17.5°	2472.0	2472.0	2462.0	2454.0	2428.0	2372.0	2322.0	2289.9	2256.0	2198.0	2154.0
20°	2568.0	2569.9	2562.0	2554.0	2532.0	2484.0	2462.0	2430.1	2354.0	2228.0	2124.0
22.5°	2674.0	2682.0	2672.0	2664.0	2646.0	2626.0	2618.0	2542.0	2382.0	2180.0	2028.0
25°	2809.9	2824.0	2812.0	2808.0	2798.0	2804.0	2780.0	2604.0	2342.0	2076.0	1886.0
27.5°	2996.0	2996.0	2998.0	2998.0	2994.0	3016.0	2928.0	2606.0	2254.0	1942.0	1716.0
30°	3214.0	3226.0	3222.0	3222.0	3238.0	3252.0	3009.9	2562.0	2142.0	1776.0	1508.0
32.5°	3476.0	3486.0	3489.9	3472.0	3536.0	3464.0	3040.0	2482.0	2004.0	1569.9	1260.0
35°	3792.0	3806.0	3816.0	3818.0	3860.0	3648.0	3024.0	2364.0	1806.0	1312.0	988.0
37.5°	4204.0	4232.0	4254.0	4264.0	4266.0	3804.0	2980.0	2208.0	1548.0	1024.0	736.0
40°	4752.0	4782.0	4776.0	4796.0	4682.0	3896.0	2880.0	1982.0	1228.0	752.0	568.0
42.5°	5280.0	5284.0	5292.0	5274.0	5042.0	3944.0	2740.0	1706.0	920.0	562.0	486.0
45°	5870.1	5836.0	5798.0	5769.9	5374.0	3962.0	2548.0	1369.9	649.9	472.0	449.9
47.5°	6424.0	6378.0	6300.0	6220.0	5670.1	3934.0	2302.0	1026.0	494.0	432.0	426.0
50°	6968.0	6882.0	6772.0	6680.0	5954.0	3892.0	2030.1	740.0	432.0	412.0	406.0
52.5°	7642.0	7498.0	7354.0	7234.0	6324.0	3826.0	1744.0	562.0	406.0	396.0	388.0
55°	8566.0	8366.0	8134.0	7966.0	6826.0	3726.0	1444.0	476.0	394.0	386.0	374.0
57.5°	9846.0	9546.0	9284.0	9009.9	7512.0	3624.0	1186.0	442.0	392.0	380.0	364.0
60°	11154.0	10794.0	10460.0	10068.0	8212.0	3522.0	1006.0	438.0	398.0	380.0	356.0
62.5°	11834.0	11462.0	11060.0	10662.0	8514.0	3282.0	882.0	444.0	412.0	386.0	356.0
65°	11678.0	11224.0	10816.0	10409.9	8164.0	2828.0	746.0	452.0	440.0	409.9	362.0
67°	10894.0	10420.0	10028.0	9640.0	7384.0	2368.0	640.0	460.0	470.1	438.0	374.0
67.5°	10618.0	10144.0	9758.0	9380.0	7154.0	2272.0	614.0	464.0	476.0	446.0	378.0
70°	8804.0	8456.0	8046.0	7754.0	5792.0	1682.0	504.0	472.0	512.0	492.0	396.0
72.5°	6336.0	6004.0	5696.0	5534.0	4266.0	1176.0	424.0	464.0	534.0	518.0	404.0
75°	3368.0	3348.0	3236.0	3316.0	2640.0	768.0	374.0	434.0	510.1	474.0	376.0
77.5°	680.0	700.0	822.0	809.9	852.0	428.0	320.0	372.0	394.0	348.0	306.0
80°	316.0	310.1	304.0	308.0	302.0	274.0	260.0	292.0	274.0	224.0	204.0
82.5°	196.0	192.0	186.0	184.0	204.0	218.0	228.0	230.1	182.0	156.0	150.1
85°	94.0	94.0	92.0	96.0	120.0	178.0	192.0	169.9	122.0	112.0	106.0
87.5°	18.0	18.0	20.0	18.0	24.0	42.0	48.0	56.0	46.0	48.0	54.0
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):

	165°	175°	180°
0°	1990.1	1990.1	1990.1
2.5°	1929.9	1926.0	1926.0
5°	1889.9	1888.0	1888.0
7.5°	1880.0	1882.0	1880.0
10°	1918.0	1916.0	1924.0
12.5°	2002.0	2008.0	2006.0
15°	2089.9	2094.0	2094.0
17.5°	2116.0	2102.0	2100.0
20°	2048.0	2022.0	2016.0
22.5°	1920.0	1872.0	1874.0
25°	1758.0	1700.0	1704.0
27.5°	1569.9	1508.0	1506.0
30°	1344.0	1276.0	1242.0
32.5°	1072.0	990.1	990.1
35°	806.0	740.0	716.0
37.5°	612.0	574.0	562.0
40°	510.1	492.0	488.0
42.5°	464.0	458.0	456.0
45°	440.0	436.0	434.0
47.5°	418.0	416.0	414.0
50°	402.0	400.0	398.0
52.5°	388.0	384.0	382.0
55°	368.0	368.0	368.0
57.5°	356.0	356.0	354.0
60°	344.0	342.0	342.0
62.5°	334.0	329.9	332.0
65°	328.0	322.0	322.0
67°	324.0	312.0	312.0
67.5°	324.0	308.0	308.0
70°	318.0	292.0	288.0
72.5°	312.0	274.0	268.0
75°	296.0	260.0	254.0
77.5°	254.0	232.0	228.0
80°	196.0	169.9	174.0
82.5°	142.0	122.0	120.0
85°	102.0	88.0	88.0
87.5°	54.0	46.0	48.0
90°	0.0	0.0	0.0

(END OF REPORT)