

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: P154361

Luminaire Tested: **VXM-E06-LED-E1-T2-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154361
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXM-E06-LED-E1-T2-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18863 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - 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



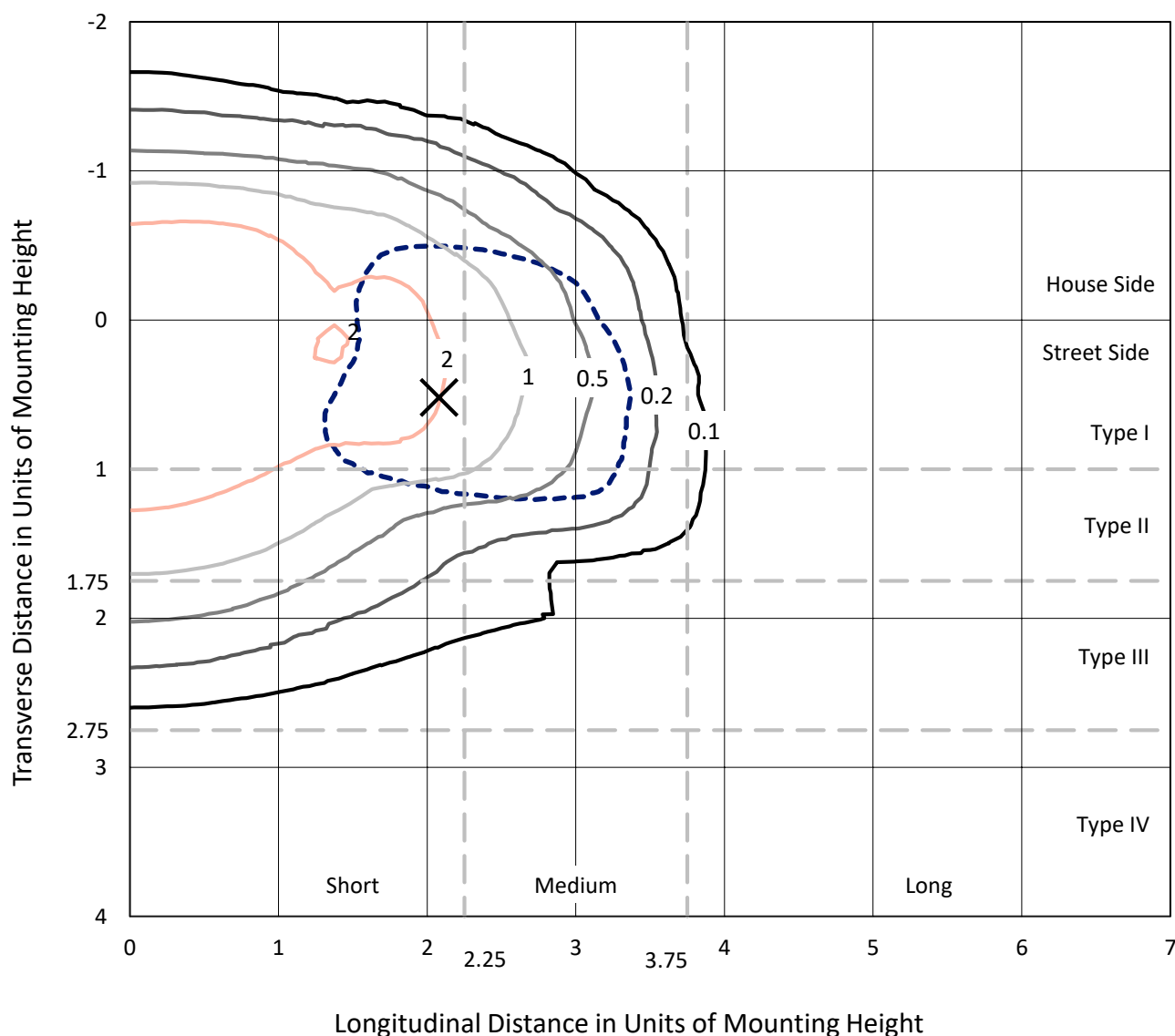
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

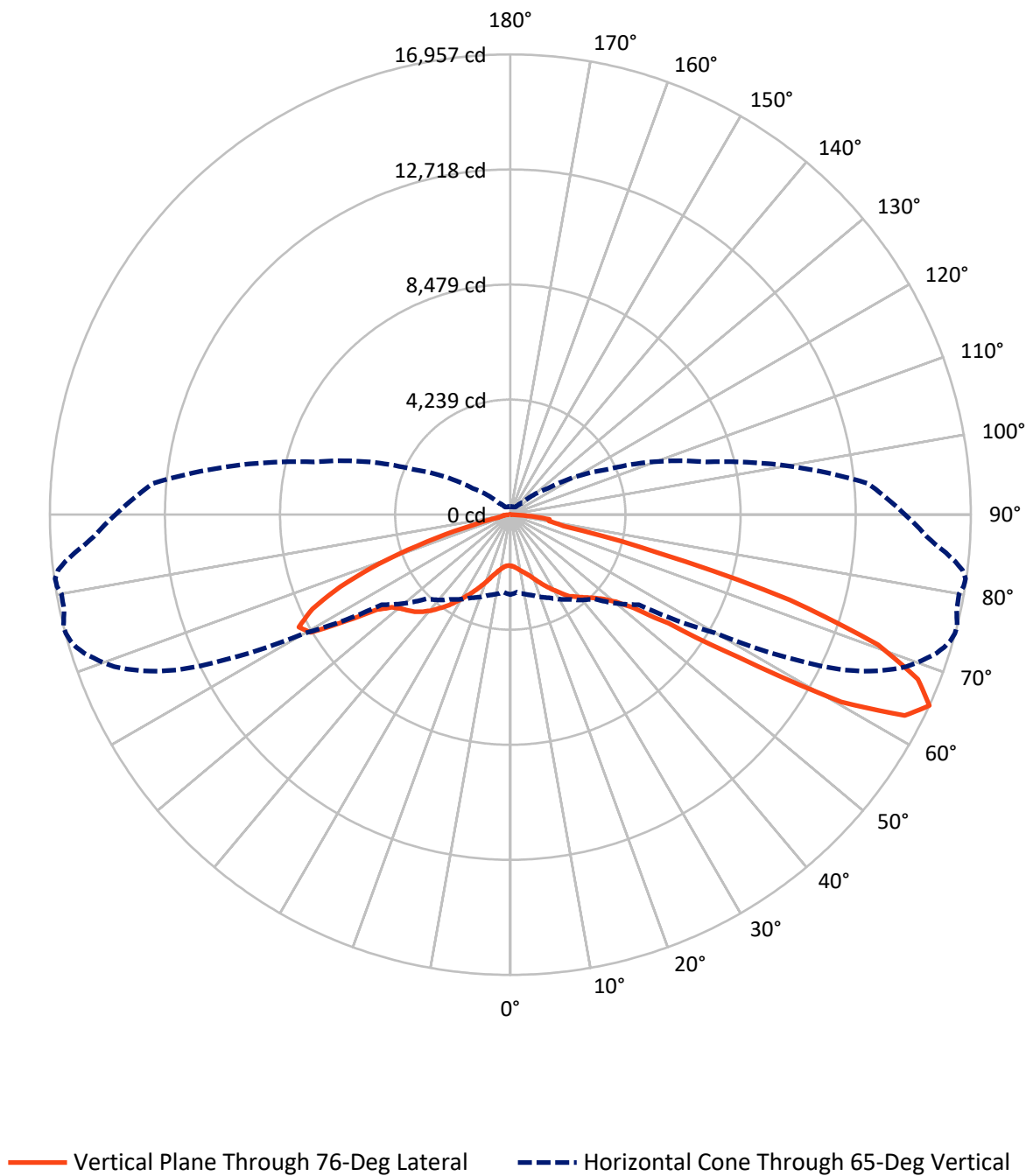


Based on 25 foot mounting height. Maximum calculated value = 3.7 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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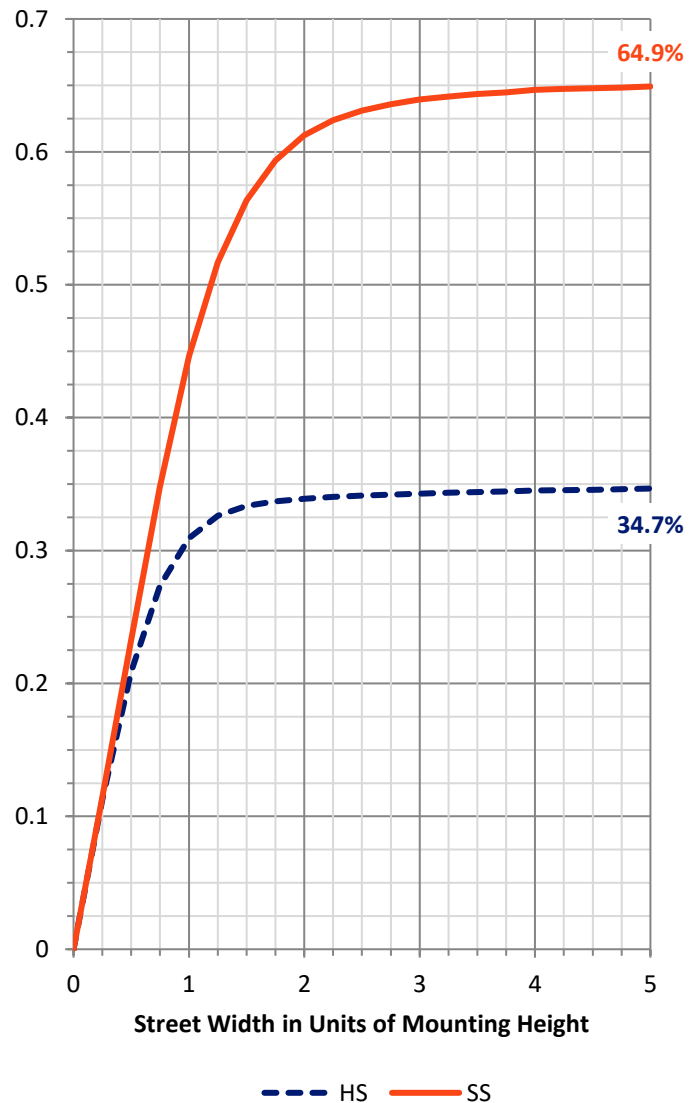
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6605.3	0.0	6605.3
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	12257.7	0.0	12257.7
	% Fixture	65.0	0.0	65.0
Total	Lumens	18863.0	0.0	18863.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.8	1.0
10°-20°	648.7	3.4
20°-30°	1274.4	6.8
30°-40°	2117.5	11.2
40°-50°	3111.5	16.5
50°-60°	4307.8	22.8
60°-70°	5141.8	27.3
70°-80°	1818.4	9.6
80°-90°	254.1	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°	18863.0	100.0
0°-180°	18863.0	100.0

Coefficient of Utilization



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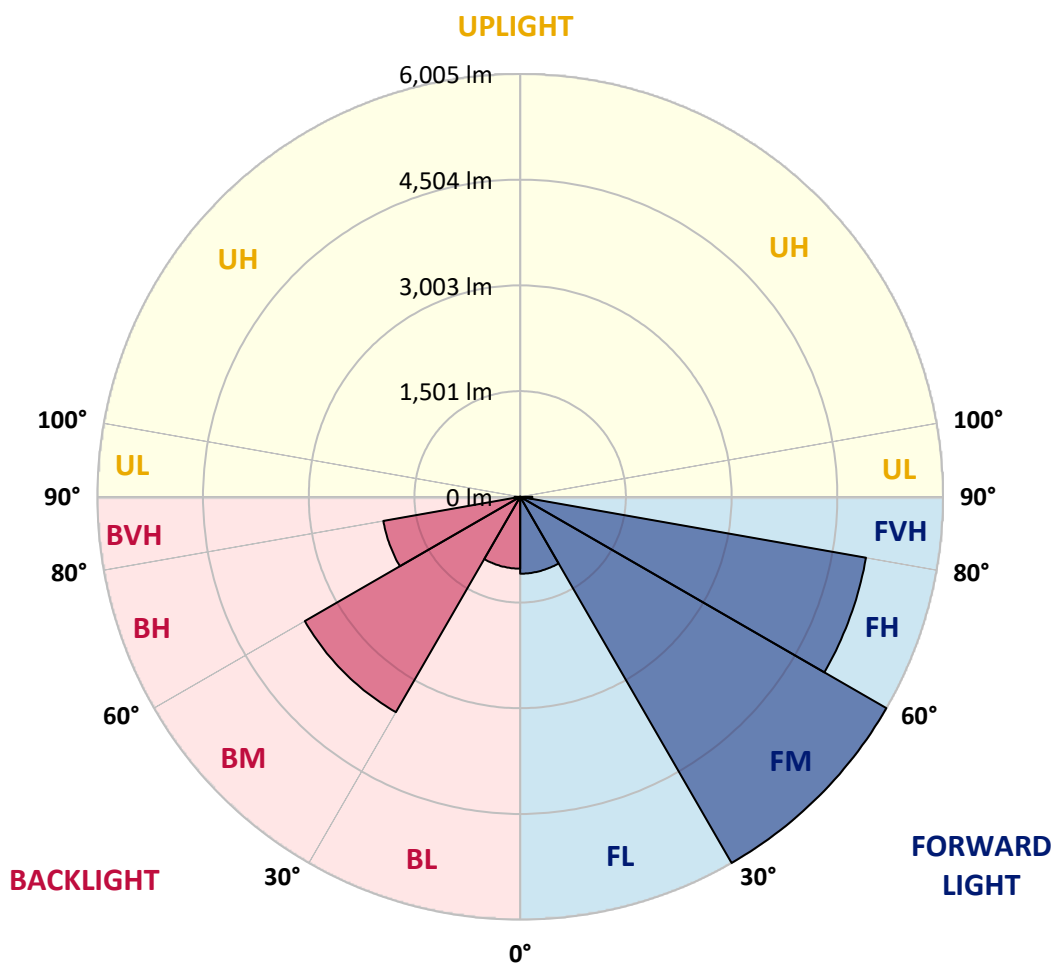
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1091.5	5.8			
FM	(30°-60°)	6005.4	31.8			
FH	(60°-80°)	4987.1	26.4			G2/5000
FVH	(80°-90°)	173.7	0.9			G2/225
BL	(0°-30°)	1020.5	5.4	B3/2500		
BM	(30°-60°)	3531.4	18.7	B3/5000		
BH	(60°-80°)	1973.0	10.5	B3/2500		G3/2500
BVH	(80°-90°)	80.4	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0
2.5°	1968.1	1970.1	1966.0	1964.0	1957.8	1947.5	1939.3	1931.1	1931.1	1931.1	1925.0
5°	2054.3	2058.4	2050.2	2044.0	2025.5	2015.3	2000.9	1990.6	1986.5	1984.5	1978.3
7.5°	2163.0	2156.9	2144.6	2140.5	2126.1	2103.5	2076.8	2056.3	2056.3	2054.3	2056.3
10°	2271.8	2255.4	2249.2	2243.1	2220.5	2191.8	2161.0	2138.4	2136.4	2134.3	2128.1
12.5°	2380.6	2374.4	2368.3	2345.7	2323.1	2278.0	2243.1	2220.5	2218.4	2220.5	2212.3
15°	2524.2	2509.9	2503.7	2464.7	2415.5	2366.2	2323.1	2302.6	2296.4	2298.5	2292.3
17.5°	2635.0	2635.0	2620.7	2577.6	2514.0	2446.2	2401.1	2388.8	2386.7	2386.7	2388.8
20°	2723.3	2721.2	2706.9	2672.0	2596.0	2528.3	2505.7	2501.6	2499.6	2499.6	2505.7
22.5°	2772.5	2768.4	2762.3	2723.3	2663.8	2618.6	2620.7	2633.0	2637.1	2641.2	2649.4
25°	2797.2	2791.0	2789.0	2762.3	2719.2	2713.0	2750.0	2782.8	2791.0	2799.2	2809.5
27.5°	2838.2	2827.9	2832.1	2821.8	2811.5	2830.0	2905.9	2940.8	2947.0	2957.2	2963.4
30°	2951.1	2947.0	2963.4	2967.5	2975.7	3002.4	3072.2	3105.0	3119.4	3119.4	3148.1
32.5°	3166.6	3168.6	3172.7	3215.8	3230.2	3248.6	3285.6	3312.3	3314.3	3316.4	3343.1
35°	3455.9	3468.2	3503.1	3540.1	3575.0	3572.9	3550.3	3564.7	3554.4	3566.7	3568.8
37.5°	3821.2	3804.8	3856.1	3940.2	3993.6	3979.2	3878.7	3813.0	3831.5	3823.3	3817.1
40°	4102.4	4120.8	4219.3	4330.2	4371.2	4416.4	4285.0	4172.1	4155.7	4124.9	4106.5
42.5°	4490.2	4492.3	4572.3	4654.4	4773.4	4871.9	4787.8	4625.7	4576.4	4539.5	4459.5
45°	4849.4	4843.2	4908.9	5009.4	5151.0	5292.7	5323.4	5146.9	5128.5	5062.8	4958.1
47.5°	5089.5	5081.3	5126.4	5257.8	5487.6	5719.5	5846.7	5793.4	5758.5	5731.8	5567.6
50°	5251.6	5235.2	5286.5	5426.0	5682.6	6039.7	6372.1	6417.3	6402.9	6402.9	6298.2
52.5°	5372.7	5372.7	5409.6	5522.5	5783.1	6228.5	6823.6	7051.4	7069.9	7090.4	7084.2
55°	5305.0	5315.2	5407.6	5571.8	5846.7	6359.8	7197.1	7695.8	7798.4	7884.6	7983.1
57.5°	5073.1	5108.0	5231.1	5499.9	5863.2	6458.3	7611.7	8598.8	8888.1	9138.5	9528.4
60°	4734.5	4779.6	4958.1	5300.9	5742.1	6298.2	7757.4	9362.2	9821.9	10367.8	11385.7
62.5°	4153.7	4198.8	4373.3	4716.0	5093.6	5684.6	7154.0	9475.1	10209.7	10983.4	12522.6
65°	2942.9	2871.0	3072.2	3380.0	3813.0	4385.6	5781.1	8717.8	9774.7	10823.4	12723.7
67.5°	1639.7	1633.6	1756.7	1986.5	2401.1	3016.8	3983.3	6686.1	7658.9	8847.1	11180.4
70°	1130.8	1143.1	1221.1	1469.4	1812.1	2343.6	2838.2	4198.8	4898.6	5705.1	7999.5
72.5°	794.2	820.9	864.0	1011.7	1362.7	1974.2	2899.8	2509.9	2858.7	3408.7	4810.4
75°	465.9	484.3	515.1	586.9	775.7	1319.6	3002.4	2206.1	2206.1	2335.4	2910.0
77.5°	287.3	287.3	305.8	334.5	412.5	646.4	2138.4	2479.1	2409.3	2335.4	2341.6
80°	147.8	158.0	184.7	199.1	229.8	295.5	960.4	2312.8	2536.5	2686.3	2581.7
82.5°	67.7	75.9	112.9	121.1	133.4	156.0	330.4	1315.5	1762.8	2321.1	2899.8
85°	34.9	34.9	59.5	73.9	80.0	71.8	121.1	531.5	804.5	1227.2	1920.9
87.5°	6.2	6.2	10.3	12.3	18.5	16.4	20.5	30.8	51.3	55.4	57.5
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0
2.5°	1922.9	1925.0	1922.9	1920.9	1916.8	1916.8	1916.8	1914.7	1914.7	1914.7	1912.7
5°	1978.3	1970.1	1972.2	1968.1	1966.0	1964.0	1966.0	1961.9	1957.8	1959.9	1957.8
7.5°	2048.1	2044.0	2035.8	2035.8	2033.7	2029.6	2029.6	2023.5	2021.4	2017.3	2015.3
10°	2126.1	2115.8	2119.9	2115.8	2117.9	2109.7	2105.6	2101.5	2097.4	2097.4	2099.4
12.5°	2206.1	2204.1	2197.9	2193.8	2193.8	2187.7	2189.7	2187.7	2181.5	2179.4	2173.3
15°	2288.2	2288.2	2282.1	2284.1	2282.1	2278.0	2273.8	2273.8	2269.7	2265.6	2267.7
17.5°	2384.7	2384.7	2384.7	2384.7	2386.7	2380.6	2382.6	2378.5	2374.4	2382.6	2382.6
20°	2509.9	2518.1	2518.1	2516.0	2526.3	2520.1	2518.1	2528.3	2518.1	2532.4	2530.4
22.5°	2653.5	2661.7	2661.7	2669.9	2672.0	2678.1	2682.2	2678.1	2686.3	2694.6	2694.6
25°	2813.6	2821.8	2827.9	2840.3	2846.4	2842.3	2844.4	2854.6	2858.7	2866.9	2875.1
27.5°	2981.9	2983.9	2992.1	3006.5	3016.8	3020.9	3022.9	3039.3	3041.4	3045.5	3053.7
30°	3146.0	3166.6	3162.5	3180.9	3187.1	3193.2	3205.6	3211.7	3226.1	3234.3	3234.3
32.5°	3338.9	3334.8	3351.3	3365.6	3375.9	3386.1	3396.4	3404.6	3412.8	3416.9	3437.5
35°	3579.1	3587.3	3587.3	3589.3	3613.9	3616.0	3624.2	3642.7	3648.8	3661.1	3669.4
37.5°	3817.1	3802.7	3800.7	3800.7	3792.5	3798.6	3800.7	3802.7	3811.0	3813.0	3821.2
40°	4083.9	4065.4	4049.0	4038.8	4022.3	3999.8	3995.7	3985.4	3991.6	3989.5	3991.6
42.5°	4449.2	4397.9	4358.9	4330.2	4297.3	4272.7	4254.2	4227.6	4209.1	4186.5	4182.4
45°	4915.0	4818.6	4752.9	4705.7	4658.5	4590.8	4551.8	4510.8	4473.8	4436.9	4406.1
47.5°	5526.6	5424.0	5319.3	5233.1	5159.3	5050.5	4939.7	4878.1	4806.3	4742.7	4697.5
50°	6246.9	6123.8	6074.5	5953.5	5861.1	5696.9	5559.4	5458.9	5315.2	5218.8	5134.6
52.5°	6983.7	6952.9	6926.2	6823.6	6714.8	6620.4	6499.4	6322.9	6177.2	6066.3	5893.9
55°	7987.2	8001.6	7991.3	7935.9	7896.9	7806.6	7757.4	7603.4	7537.8	7377.7	7197.1
57.5°	9676.2	9791.1	9936.8	9994.3	10072.3	9998.4	10084.6	10189.2	9928.6	10018.9	9856.8
60°	11833.0	12360.5	12674.5	13060.3	13312.7	13665.7	13729.3	13821.6	13795.0	13846.3	13950.9
62.5°	13150.6	13776.5	14377.8	14814.9	15282.8	15541.4	15853.3	16070.9	16296.6	16448.5	16405.4
65°	13538.4	14182.8	14728.7	15206.9	15625.5	15941.6	16230.9	16503.9	16711.2	16856.9	16943.1
67.5°	12114.2	12955.6	13530.2	14090.5	14630.2	14962.7	15204.8	15469.6	15773.3	16025.7	16075.0
70°	9115.9	10378.0	11192.8	11863.8	12498.0	12945.3	13284.0	13530.2	13766.2	13946.8	14143.8
72.5°	5701.0	6805.1	7736.8	8607.0	9280.1	9895.8	10181.0	10726.9	10655.1	10792.6	10940.3
75°	3416.9	3954.6	4467.7	5081.3	5434.3	5947.3	6039.7	6130.0	6082.8	5928.8	6043.8
77.5°	2374.4	2462.7	2458.5	2423.7	2386.7	2296.4	2179.4	2115.8	2072.7	2011.2	2035.8
80°	2388.8	2197.9	1906.5	1602.8	1323.7	1139.0	1065.1	1065.1	1141.0	1249.8	1358.6
82.5°	2854.6	2651.5	2364.1	1978.3	1567.9	1276.5	1081.5	1003.5	1017.9	1128.7	1268.3
85°	1925.0	1970.1	1728.0	1580.2	1251.8	974.8	816.8	662.9	586.9	605.4	685.4
87.5°	69.8	84.1	30.8	41.0	28.7	24.6	24.6	26.7	18.5	22.6	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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0
2.5°	1910.6	1908.6	1908.6	1904.5	1904.5	1902.4	1902.4	1900.3	1898.3	1898.3	1896.2
5°	1955.8	1953.7	1949.6	1947.5	1943.4	1943.4	1941.4	1937.3	1937.3	1933.2	1931.1
7.5°	2019.4	2015.3	2011.2	2009.1	2007.1	2000.9	2000.9	1996.8	1996.8	1992.7	1990.6
10°	2095.3	2091.2	2087.1	2089.2	2083.0	2080.9	2076.8	2076.8	2070.7	2068.6	2068.6
12.5°	2177.4	2175.3	2175.3	2169.2	2167.1	2165.1	2156.9	2156.9	2156.9	2152.8	2154.8
15°	2265.6	2267.7	2261.5	2267.7	2265.6	2259.5	2259.5	2259.5	2251.3	2261.5	2253.3
17.5°	2384.7	2390.8	2386.7	2388.8	2384.7	2384.7	2386.7	2384.7	2388.8	2388.8	2401.1
20°	2532.4	2534.5	2544.7	2540.6	2540.6	2538.6	2542.7	2544.7	2553.0	2548.8	2557.1
22.5°	2694.6	2704.8	2706.9	2715.1	2715.1	2713.0	2717.1	2725.3	2729.4	2735.6	2733.5
25°	2879.3	2885.4	2893.6	2883.4	2899.8	2899.8	2903.9	2914.1	2916.2	2916.2	2930.6
27.5°	3051.6	3068.1	3070.1	3080.4	3074.2	3078.3	3092.7	3098.8	3107.0	3107.0	3111.2
30°	3246.6	3252.8	3256.9	3269.2	3267.1	3269.2	3271.2	3281.5	3281.5	3291.7	3302.0
32.5°	3447.7	3451.8	3455.9	3468.2	3472.3	3480.5	3476.4	3484.7	3494.9	3497.0	3503.1
35°	3687.8	3691.9	3696.0	3714.5	3716.6	3730.9	3735.0	3730.9	3747.3	3737.1	3747.3
37.5°	3827.4	3845.8	3849.9	3862.3	3858.2	3868.4	3874.6	3882.8	3886.9	3895.1	3911.5
40°	3997.7	4003.9	4016.2	4022.3	4030.5	4032.6	4040.8	4047.0	4053.1	4071.6	4090.1
42.5°	4172.1	4180.4	4186.5	4194.7	4205.0	4213.2	4219.3	4237.8	4241.9	4254.2	4289.1
45°	4383.5	4379.4	4381.5	4383.5	4387.6	4397.9	4416.4	4434.8	4447.1	4475.9	4504.6
47.5°	4646.2	4619.5	4609.3	4592.8	4597.0	4619.5	4623.6	4654.4	4679.0	4705.7	4740.6
50°	5044.3	4972.5	4929.4	4886.3	4882.2	4894.5	4910.9	4943.8	4972.5	5007.4	5056.6
52.5°	5713.4	5575.9	5489.7	5370.6	5337.8	5331.6	5319.3	5337.8	5346.0	5393.2	5485.6
55°	7067.8	6813.3	6649.2	6464.5	6292.1	6240.8	6142.3	6162.8	6142.3	6171.0	6308.5
57.5°	9895.8	9692.6	9532.5	9296.5	9001.0	8687.0	8609.0	8286.8	8350.4	8535.1	8416.1
60°	14002.2	13928.4	13813.4	13700.6	13296.3	13068.5	12697.0	12656.0	12395.4	12397.4	12227.1
62.5°	16300.7	16395.1	16325.3	16292.5	16269.9	16198.1	16013.4	15791.8	15459.3	15219.2	14866.2
65°	16957.4	16877.4	16801.5	16791.2	16785.0	16902.0	16928.7	16772.7	16471.0	16097.5	15691.2
67.5°	16191.9	16146.8	16150.9	16064.7	16118.1	16321.2	16462.8	16419.7	16142.7	15691.2	15174.0
70°	14369.6	14281.3	14371.6	14484.5	14564.5	14681.5	14823.1	14858.0	14605.6	14141.8	13614.4
72.5°	10759.7	10774.1	10860.3	10891.1	11213.3	11180.4	11307.7	10893.1	10710.5	10269.3	9998.4
75°	5662.0	5569.7	5809.8	5300.9	5091.5	5237.2	4828.9	4436.9	4519.0	4586.7	4098.3
77.5°	2000.9	1871.6	1652.0	1563.8	1301.1	1102.0	900.9	812.7	765.5	740.8	710.1
80°	1436.5	1477.6	1432.4	1325.7	1126.7	903.0	712.1	562.3	482.3	439.2	410.4
82.5°	1453.0	1615.1	1686.9	1656.1	1475.5	1116.4	736.7	470.0	348.9	291.4	270.9
85°	779.8	853.7	820.9	691.6	621.8	371.5	254.5	170.3	143.7	131.3	121.1
87.5°	30.8	24.6	20.5	20.5	22.6	24.6	20.5	22.6	20.5	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°	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0	1886.0
2.5°	1892.1	1892.1	1892.1	1890.1	1886.0	1875.7	1865.5	1857.3	1851.1	1844.9	1836.7
5°	1929.1	1925.0	1925.0	1925.0	1908.6	1892.1	1877.8	1863.4	1851.1	1840.8	1832.6
7.5°	1990.6	1988.6	1980.4	1978.3	1966.0	1939.3	1922.9	1898.3	1883.9	1869.6	1865.5
10°	2064.5	2062.5	2060.4	2058.4	2041.9	2015.3	1994.7	1972.2	1951.7	1931.1	1910.6
12.5°	2150.7	2148.7	2146.6	2140.5	2134.3	2119.9	2097.4	2072.7	2048.1	2005.0	1982.4
15°	2257.4	2261.5	2257.4	2255.4	2251.3	2253.3	2239.0	2204.1	2165.1	2109.7	2062.5
17.5°	2399.0	2394.9	2392.9	2401.1	2399.0	2409.3	2405.2	2360.0	2300.5	2212.3	2130.2
20°	2555.0	2555.0	2563.2	2569.4	2587.8	2614.5	2602.2	2546.8	2438.0	2314.9	2208.2
22.5°	2741.8	2745.9	2754.1	2750.0	2778.7	2821.8	2825.9	2747.9	2606.3	2436.0	2286.2
25°	2936.7	2940.8	2932.6	2944.9	2992.1	3053.7	3066.0	2955.2	2768.4	2546.8	2351.8
27.5°	3121.4	3125.5	3125.5	3141.9	3187.1	3291.7	3304.1	3180.9	2932.6	2643.2	2399.0
30°	3302.0	3318.4	3322.5	3326.6	3394.4	3540.1	3566.7	3388.2	3076.3	2715.1	2431.9
32.5°	3529.8	3536.0	3544.2	3554.4	3632.4	3811.0	3811.0	3566.7	3168.6	2760.2	2438.0
35°	3774.0	3776.1	3794.5	3796.6	3907.4	4086.0	4051.1	3714.5	3234.3	2750.0	2392.9
37.5°	3921.8	3930.0	3948.5	3973.1	4090.1	4342.5	4262.4	3841.7	3246.6	2682.2	2290.3
40°	4104.4	4120.8	4139.3	4163.9	4338.4	4603.1	4441.0	3921.8	3195.3	2548.8	2136.4
42.5°	4301.4	4324.0	4352.7	4397.9	4605.2	4833.0	4576.4	3934.1	3078.3	2399.0	1953.7
45°	4523.1	4564.1	4597.0	4650.3	4884.3	5032.0	4658.5	3862.3	2930.6	2202.0	1758.7
47.5°	4779.6	4812.4	4869.9	4927.4	5161.3	5167.5	4666.7	3722.7	2729.4	2005.0	1551.5
50°	5095.6	5116.2	5202.4	5237.2	5456.8	5309.1	4607.2	3533.9	2518.1	1783.4	1321.6
52.5°	5516.3	5545.1	5655.9	5709.3	5865.2	5502.0	4523.1	3328.7	2275.9	1535.1	1085.6
55°	6347.5	6472.7	6550.7	6643.0	6743.6	5939.1	4486.1	3109.1	2003.0	1247.7	859.9
57.5°	8680.9	8639.8	8812.2	9021.5	9019.5	6938.5	4707.8	2920.3	1680.8	954.3	660.8
60°	12157.3	12196.3	12108.0	12233.2	11835.1	8178.1	5011.5	2721.2	1317.5	710.1	504.8
62.5°	14741.0	14515.3	14390.1	14242.3	13366.0	8313.5	4789.9	2312.8	958.4	498.7	387.9
65°	15352.6	15087.9	14819.0	14537.9	13216.2	7494.7	3930.0	1697.2	619.8	342.7	307.8
67.5°	14749.2	14324.4	13981.7	13692.4	12110.1	6212.0	2873.1	1042.5	355.0	277.0	262.7
70°	13185.5	12715.5	12161.4	11837.2	10197.4	4578.5	1840.8	562.3	272.9	246.3	240.1
72.5°	9651.5	9265.7	8660.3	8288.9	7322.3	2782.8	1028.2	316.0	254.5	236.0	227.8
75°	3759.7	3558.5	3306.1	3326.6	2969.5	1231.3	465.9	272.9	248.3	231.9	223.7
77.5°	646.4	630.0	582.8	582.8	662.9	449.4	309.9	275.0	246.3	227.8	213.4
80°	387.9	379.7	361.2	357.1	344.8	316.0	297.6	279.1	242.2	215.5	197.0
82.5°	254.5	244.2	238.1	236.0	256.5	277.0	279.1	277.0	229.8	186.8	160.1
85°	108.8	108.8	108.8	110.8	147.8	223.7	229.8	246.3	188.8	145.7	114.9
87.5°	18.5	22.6	22.6	24.6	26.7	49.3	61.6	80.0	63.6	61.6	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°	1886.0	1886.0	1886.0
2.5°	1834.7	1830.6	1830.6
5°	1828.5	1824.4	1826.5
7.5°	1853.1	1844.9	1847.0
10°	1898.3	1890.1	1886.0
12.5°	1955.8	1945.5	1945.5
15°	2015.3	1990.6	1988.6
17.5°	2064.5	2033.7	2029.6
20°	2119.9	2078.9	2072.7
22.5°	2171.2	2115.8	2107.6
25°	2208.2	2140.5	2130.2
27.5°	2224.6	2144.6	2136.4
30°	2236.9	2146.6	2134.3
32.5°	2224.6	2128.1	2117.9
35°	2156.9	2052.2	2046.1
37.5°	2039.9	1922.9	1914.7
40°	1886.0	1762.8	1742.3
42.5°	1689.0	1574.0	1551.5
45°	1498.1	1366.8	1356.5
47.5°	1292.9	1167.7	1173.9
50°	1077.4	964.5	962.5
52.5°	872.2	773.7	767.5
55°	687.5	617.7	611.6
57.5°	543.8	506.9	500.7
60°	443.3	424.8	418.7
62.5°	357.1	350.9	348.9
65°	297.6	297.6	297.6
67.5°	258.6	260.6	260.6
70°	238.1	240.1	238.1
72.5°	229.8	236.0	236.0
75°	223.7	227.8	219.6
77.5°	219.6	221.6	207.3
80°	217.5	215.5	188.8
82.5°	188.8	182.6	160.1
85°	172.4	131.3	110.8
87.5°	88.2	61.6	47.2
90°	0.0	0.0	0.0

(END OF REPORT)