

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: McGRAW-EDISON

Report Number: P158129

Luminaire Tested: **VTS-E06-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158129
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-E06-LED-E1-SL2-7030
Description: VENTUS LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

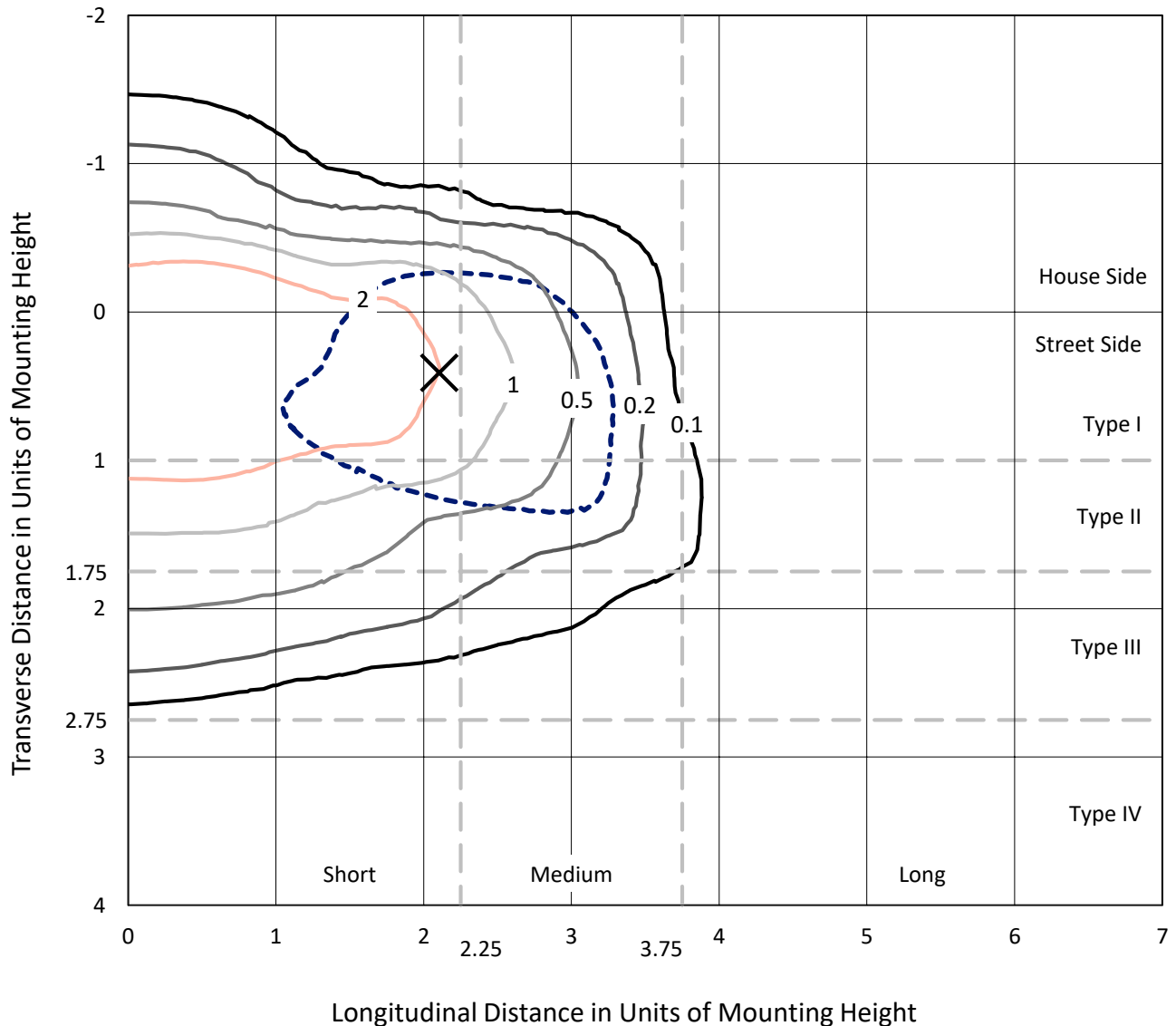
Lumens per Lamp: N/A
Luminaire Lumens: 16488.3 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

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

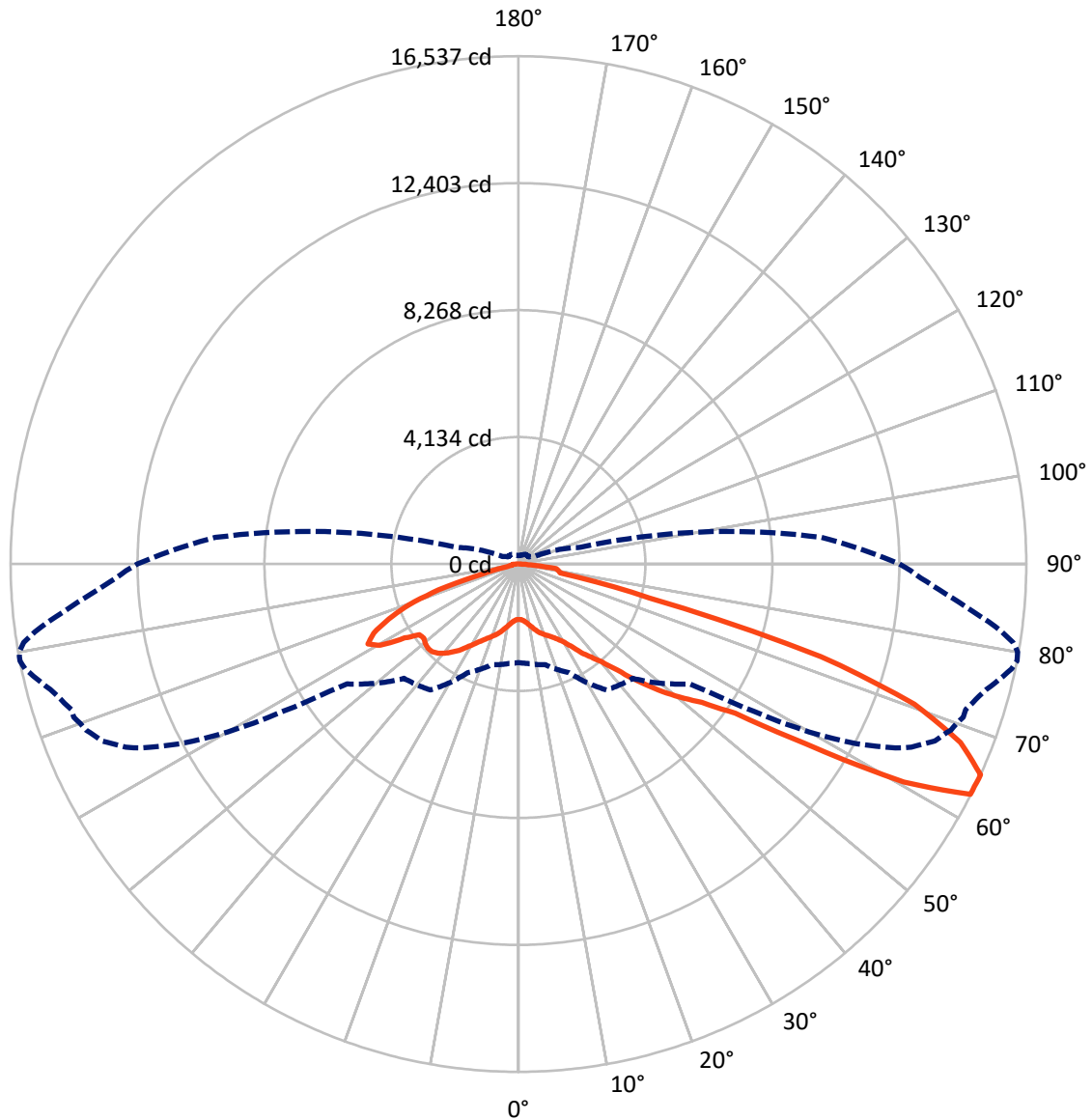
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3788.7	0.0	3788.7
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	12699.6	0.0	12699.6
	% Fixture	77.0	0.0	77.0
Total	Lumens	16488.3	0.0	16488.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.5	1.1
10°-20°	579.7	3.5
20°-30°	999.3	6.1
30°-40°	1636.9	9.9
40°-50°	2741.2	16.6
50°-60°	3707.9	22.5
60°-70°	4566.3	27.7
70°-80°	1767.6	10.7
80°-90°	310.8	1.9
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°	16488.3	100.0
0°-180°	16488.3	100.0



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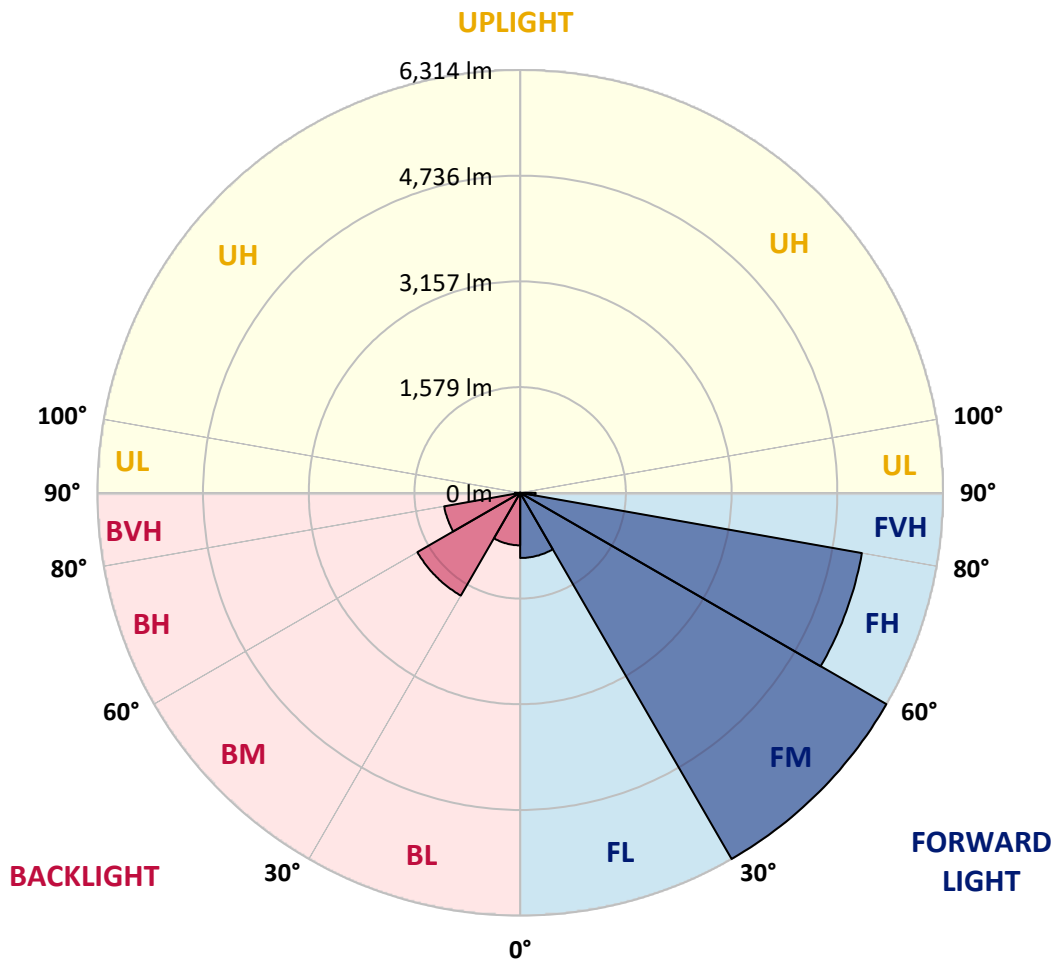
CATALOG NUMBER: VTS-E06-LED-E1-SL2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	973.4	5.9			
FM	(30°-60°)	6314.3	38.3			
FH	(60°-80°)	5181.2	31.4			G3/7500
FVH	(80°-90°)	230.7	1.4			G3/500
BL	(0°-30°)	784.1	4.8	B2/1000		
BM	(30°-60°)	1771.8	10.7	B2/2500		
BH	(60°-80°)	1152.7	7.0	B3/2500		G3/2500
BVH	(80°-90°)	80.2	0.5			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°	56°	57°	58°	59°
0°	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0
2.5°	1807.3	1801.9	1807.3	1811.7	1815.0	1819.4	1818.3	1817.2	1816.1	1817.2	1817.2
5°	1822.7	1821.6	1827.1	1831.5	1839.1	1844.6	1851.2	1851.2	1851.2	1850.1	1852.3
7.5°	1872.0	1870.9	1876.4	1880.8	1887.3	1898.3	1907.1	1911.5	1910.4	1910.4	1910.4
10°	1953.1	1948.7	1948.7	1948.7	1957.5	1965.2	1984.9	1987.1	1991.5	1989.3	1990.4
12.5°	2032.0	2033.1	2029.8	2026.5	2027.6	2043.0	2071.5	2077.0	2078.1	2081.3	2083.5
15°	2103.3	2102.2	2094.5	2086.8	2096.7	2123.0	2160.3	2170.1	2170.1	2176.7	2181.1
17.5°	2169.0	2166.8	2152.6	2139.4	2149.3	2194.2	2252.3	2258.9	2268.8	2272.1	2276.4
20°	2246.8	2242.5	2226.0	2190.9	2190.9	2252.3	2329.0	2335.6	2344.4	2346.6	2354.3
22.5°	2355.3	2344.4	2309.3	2245.7	2228.2	2299.5	2393.7	2397.0	2403.6	2412.3	2418.9
25°	2478.1	2480.3	2423.3	2312.6	2274.2	2348.8	2456.2	2461.7	2473.7	2480.3	2488.0
27.5°	2605.2	2608.5	2545.0	2406.9	2342.2	2416.7	2540.6	2547.2	2561.4	2569.1	2581.1
30°	2749.9	2754.3	2692.9	2553.7	2455.1	2516.5	2665.5	2683.1	2695.1	2705.0	2724.7
32.5°	3097.4	3071.0	3028.3	2880.3	2724.7	2720.3	2867.2	2886.9	2903.4	2924.2	2942.8
35°	3534.7	3551.1	3573.0	3473.3	3336.3	3236.5	3248.6	3237.6	3253.0	3283.7	3302.3
37.5°	3881.0	3917.2	4012.5	4077.2	4071.7	4052.0	3867.9	3867.9	3877.7	3861.3	3859.1
40°	4152.8	4175.8	4370.9	4621.9	4833.4	4937.6	4791.8	4771.0	4781.9	4697.5	4700.8
42.5°	4293.1	4327.1	4607.7	5048.3	5468.0	5802.3	5757.4	5743.1	5710.3	5689.4	5676.3
45°	4364.4	4404.9	4739.2	5344.2	5955.8	6472.0	6704.4	6702.2	6672.6	6648.5	6637.5
47.5°	4328.2	4363.3	4719.5	5434.1	6212.2	6903.8	7417.9	7449.7	7440.9	7476.0	7490.2
50°	4091.4	4136.4	4493.7	5240.1	6104.8	7073.7	7912.2	7971.4	8051.4	8101.8	8168.6
52.5°	3877.7	3915.0	4237.2	4925.5	5751.9	6935.6	8210.3	8331.9	8441.5	8544.6	8624.6
55°	3654.1	3691.4	3974.2	4598.9	5395.7	6527.9	8346.2	8523.8	8694.7	8869.0	9029.0
57.5°	3569.7	3609.2	3819.6	4345.7	5104.2	6123.5	8413.1	8704.6	8983.0	9278.9	9585.8
60°	3788.9	3824.0	3984.0	4352.3	4881.7	5719.0	8278.2	8736.4	9215.3	9703.1	10174.4
62.5°	3722.1	3740.7	3940.2	4511.2	5165.5	5320.1	7694.1	8299.1	8995.0	9709.6	10431.9
65°	3211.3	3247.5	3397.7	3899.6	5006.6	5266.4	6804.1	7412.4	8233.3	9078.3	10046.1
67.5°	2303.8	2253.4	2369.6	2809.1	3884.3	5257.6	5802.3	6252.8	6896.2	7543.9	8337.4
70°	1046.7	1022.6	1113.6	1461.0	2343.3	4155.0	4905.8	5058.1	5297.1	5733.3	6269.2
72.5°	413.2	412.1	471.3	603.9	1108.1	2674.3	4125.4	4213.1	4297.5	4487.1	4718.4
75°	270.7	270.7	288.3	325.5	545.8	1291.1	3489.7	3569.7	3699.1	3752.8	3851.4
77.5°	203.9	205.0	212.6	221.4	301.4	679.5	2462.8	2746.6	2965.8	3129.1	3248.6
80°	144.7	151.3	165.5	171.0	196.2	386.9	1391.9	1596.9	1844.6	2108.7	2440.8
82.5°	108.5	116.2	140.3	146.9	155.6	220.3	628.0	712.4	831.9	1078.5	1550.9
85°	50.4	55.9	96.4	105.2	112.9	127.1	318.9	356.2	404.4	442.8	516.2
87.5°	7.7	5.5	16.4	23.0	36.2	37.3	109.6	130.4	141.4	169.9	176.5
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0
2.5°	1817.2	1818.3	1819.4	1817.2	1818.3	1818.3	1816.1	1815.0	1815.0	1815.0	1816.1
5°	1852.3	1854.5	1852.3	1853.4	1857.8	1856.7	1854.5	1853.4	1857.8	1858.9	1855.6
7.5°	1914.7	1915.8	1911.5	1916.9	1919.1	1920.2	1920.2	1922.4	1922.4	1925.7	1922.4
10°	1994.8	1994.8	2002.4	2001.3	2002.4	2004.6	2005.7	2010.1	2013.4	2013.4	2015.6
12.5°	2086.8	2087.9	2095.6	2096.7	2101.1	2102.2	2108.7	2104.4	2115.3	2115.3	2118.6
15°	2182.2	2189.8	2190.9	2201.9	2204.1	2205.2	2214.0	2214.0	2221.6	2222.7	2224.9
17.5°	2276.4	2283.0	2287.4	2296.2	2303.8	2307.1	2310.4	2317.0	2322.5	2324.7	2330.1
20°	2357.5	2364.1	2368.5	2377.3	2383.8	2389.3	2392.6	2400.3	2405.8	2408.0	2415.6
22.5°	2425.5	2429.9	2437.5	2449.6	2451.8	2458.4	2468.2	2473.7	2475.9	2482.5	2491.3
25°	2497.8	2504.4	2508.8	2519.8	2528.5	2539.5	2548.2	2557.0	2559.2	2568.0	2575.6
27.5°	2594.3	2600.9	2602.0	2623.9	2632.6	2648.0	2657.8	2671.0	2677.6	2685.2	2700.6
30°	2736.8	2752.1	2758.7	2783.9	2788.3	2805.8	2823.3	2827.7	2837.6	2838.7	2863.9
32.5°	2954.9	2976.8	2985.6	3011.9	3018.4	3034.9	3044.7	3067.8	3068.9	3079.8	3085.3
35°	3312.2	3306.7	3340.7	3347.2	3367.0	3381.2	3391.1	3391.1	3411.9	3413.0	3419.6
37.5°	3799.9	3788.9	3797.7	3758.3	3768.1	3750.6	3747.3	3751.7	3742.9	3745.1	3744.0
40°	4580.3	4530.9	4479.4	4357.8	4331.5	4281.1	4241.6	4209.8	4179.1	4146.2	4124.3
42.5°	5559.0	5487.8	5411.1	5216.0	5125.0	5027.4	4932.1	4877.3	4767.7	4700.8	4664.7
45°	6584.9	6501.6	6394.2	6232.0	6102.6	5998.5	5824.3	5742.1	5572.2	5487.8	5373.8
47.5°	7425.5	7426.6	7340.0	7175.6	7037.5	6968.5	6860.0	6701.1	6508.2	6399.7	6196.9
50°	8161.0	8159.9	8154.4	8055.8	7959.3	7883.7	7788.3	7644.7	7486.9	7364.2	7131.8
52.5°	8704.6	8776.9	8807.6	8806.5	8794.5	8759.4	8687.1	8563.2	8403.2	8334.1	8148.9
55°	9154.0	9311.8	9394.0	9573.7	9590.2	9648.3	9584.7	9585.8	9491.5	9498.1	9438.9
57.5°	9834.6	10122.8	10288.3	10686.2	10885.7	11126.8	11084.1	11285.7	11359.2	11452.3	11576.2
60°	10607.3	11145.4	11537.8	12329.1	12651.4	13041.5	13256.4	13485.4	13652.0	13823.0	13949.1
62.5°	11159.7	11866.6	12511.1	13638.9	14057.6	14468.6	14739.3	15016.6	15204.0	15326.7	15417.7
65°	10933.9	11715.4	12477.1	13659.7	14115.6	14413.8	14736.0	14896.0	15083.4	15185.4	15315.8
67.5°	9291.0	10074.6	10891.2	12286.4	12763.2	13175.3	13426.2	13633.4	13784.6	13914.0	14064.1
70°	6909.3	7766.4	8610.3	10140.4	10742.1	11337.2	11633.2	11889.6	12047.5	12177.9	12343.4
72.5°	4972.6	5509.7	6036.9	7750.0	8351.7	9121.1	9428.0	9712.9	9917.9	9911.3	10086.7
75°	3958.8	4176.9	4411.5	5296.0	5727.8	6376.6	6548.7	6708.7	6612.3	6427.1	6416.1
77.5°	3295.7	3385.6	3464.5	3741.8	3805.4	3959.9	3874.4	3785.7	3499.6	3258.5	3131.3
80°	2675.4	2852.9	2969.1	3166.4	3247.5	3293.5	3305.6	3274.9	3169.7	3023.9	2791.6
82.5°	1989.3	2326.9	2557.0	2945.0	3087.5	3117.1	3174.1	3139.0	3070.0	2951.6	2785.0
85°	583.1	659.8	756.3	1025.9	1202.3	1352.5	1505.9	1581.6	1628.7	1562.9	1390.8
87.5°	205.0	231.3	258.7	356.2	379.2	458.1	449.4	530.5	533.8	556.8	532.7
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0
2.5°	1815.0	1815.0	1815.0	1816.1	1816.1	1816.1	1813.9	1812.8	1813.9	1816.1	1816.1
5°	1857.8	1858.9	1861.0	1856.7	1857.8	1861.0	1858.9	1857.8	1858.9	1861.0	1858.9
7.5°	1926.8	1927.9	1925.7	1930.1	1930.1	1932.3	1935.6	1932.3	1933.4	1934.5	1935.6
10°	2016.7	2017.8	2020.0	2023.3	2024.3	2026.5	2028.7	2032.0	2032.0	2029.8	2035.3
12.5°	2124.1	2123.0	2125.2	2129.6	2131.8	2135.0	2141.6	2141.6	2146.0	2144.9	2150.4
15°	2229.3	2234.8	2235.9	2243.6	2246.8	2252.3	2260.0	2264.4	2264.4	2271.0	2273.1
17.5°	2334.5	2338.9	2343.3	2349.9	2354.3	2357.5	2366.3	2371.8	2370.7	2382.7	2382.7
20°	2415.6	2424.4	2429.9	2434.3	2441.9	2447.4	2454.0	2460.6	2464.9	2472.6	2474.8
22.5°	2494.5	2500.0	2507.7	2513.2	2521.9	2528.5	2536.2	2541.7	2549.3	2559.2	2562.5
25°	2582.2	2591.0	2599.8	2607.4	2614.0	2621.7	2634.8	2646.9	2657.8	2666.6	2669.9
27.5°	2703.9	2713.7	2726.9	2732.4	2742.2	2748.8	2768.5	2783.9	2789.4	2804.7	2809.1
30°	2868.3	2879.2	2892.4	2899.0	2916.5	2925.3	2946.1	2962.5	2968.0	2986.7	2989.9
32.5°	3106.1	3112.7	3139.0	3137.9	3162.0	3187.2	3199.3	3212.4	3236.5	3246.4	3249.7
35°	3436.0	3451.4	3470.0	3468.9	3499.6	3513.8	3538.0	3552.2	3569.7	3568.6	3587.3
37.5°	3755.0	3760.4	3767.0	3781.3	3803.2	3822.9	3831.7	3845.9	3859.1	3878.8	3902.9
40°	4102.4	4115.6	4116.7	4124.3	4135.3	4160.5	4176.9	4192.3	4237.2	4265.7	4280.0
42.5°	4623.0	4619.7	4597.8	4612.1	4618.6	4657.0	4669.0	4716.2	4766.6	4826.9	4843.3
45°	5292.7	5248.8	5235.7	5230.2	5265.3	5285.0	5334.3	5422.0	5474.6	5531.6	5559.0
47.5°	6116.9	5979.9	5915.2	5901.0	5937.1	6021.5	6038.0	6124.6	6193.6	6235.3	6262.7
50°	6942.2	6834.8	6698.9	6652.8	6643.0	6720.8	6739.4	6811.8	6881.9	6894.0	6879.7
52.5°	7979.0	7803.7	7579.0	7497.9	7433.2	7438.7	7454.0	7484.7	7529.7	7511.0	7472.7
55°	9305.2	9105.7	8995.0	8841.6	8744.1	8726.5	8659.7	8567.6	8564.3	8576.4	8461.3
57.5°	11513.7	11430.4	11477.5	11461.1	11364.6	11422.7	11121.3	11035.8	10967.9	10849.5	10743.2
60°	14060.8	14146.3	14243.9	14468.6	14458.7	14684.5	14475.1	14422.5	14359.0	13994.0	13815.3
62.5°	15576.6	15610.6	15754.2	15963.5	16169.6	16385.5	16483.1	16517.0	16384.4	16086.3	15713.6
65°	15312.5	15462.7	15601.9	15782.7	15994.2	16210.1	16416.2	16536.8	16506.1	16308.8	15898.9
67.5°	14112.4	14270.2	14474.0	14663.7	14891.6	15079.0	15304.8	15526.2	15532.8	15434.2	15149.2
70°	12360.9	12544.0	12754.4	12860.7	13107.3	13277.2	13464.6	13683.8	13755.1	13767.1	13435.0
72.5°	10049.4	10126.1	10229.2	10173.3	10222.6	10331.1	10280.7	10298.2	10027.5	10077.9	9668.0
75°	6120.2	6050.0	5738.8	5454.9	5108.6	4842.2	4905.8	4397.2	3896.4	3871.1	3509.5
77.5°	3103.9	2992.1	2799.2	2598.7	2304.9	1968.5	1687.9	1385.4	1130.0	984.2	845.0
80°	2643.6	2564.7	2458.4	2312.6	2098.9	1850.1	1557.4	1327.3	1113.6	891.1	713.5
82.5°	2529.6	2288.5	2134.0	2012.3	1781.0	1550.9	1390.8	1233.0	1081.8	944.8	748.6
85°	1254.9	1110.3	939.3	833.0	641.2	502.0	470.2	386.9	360.6	278.4	234.5
87.5°	422.0	345.2	257.6	217.0	173.2	141.4	139.2	123.9	122.8	111.8	103.0
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0
2.5°	1815.0	1817.2	1817.2	1815.0	1816.1	1813.9	1815.0	1816.1	1812.8	1811.7	1808.4
5°	1859.9	1858.9	1858.9	1859.9	1863.2	1864.3	1858.9	1861.0	1862.1	1856.7	1844.6
7.5°	1934.5	1934.5	1937.8	1936.7	1943.2	1941.1	1940.0	1940.0	1940.0	1929.0	1909.3
10°	2035.3	2035.3	2038.6	2043.0	2044.1	2041.9	2041.9	2043.0	2048.5	2026.5	1995.9
12.5°	2148.2	2153.7	2152.6	2152.6	2165.7	2162.4	2158.1	2162.4	2167.9	2137.2	2093.4
15°	2274.2	2277.5	2279.7	2287.4	2285.2	2292.9	2295.1	2292.9	2298.4	2258.9	2185.5
17.5°	2388.2	2394.8	2397.0	2405.8	2405.8	2406.9	2415.6	2412.3	2413.4	2368.5	2263.3
20°	2482.5	2489.1	2492.4	2502.2	2504.4	2508.8	2512.1	2514.3	2519.8	2466.0	2326.9
22.5°	2576.7	2582.2	2587.7	2594.3	2603.0	2608.5	2612.9	2615.1	2625.0	2562.5	2387.1
25°	2682.0	2694.0	2699.5	2710.5	2719.2	2728.0	2734.6	2735.7	2752.1	2674.3	2436.5
27.5°	2822.3	2838.7	2847.5	2865.0	2873.8	2882.5	2880.3	2893.5	2916.5	2802.5	2474.8
30°	3006.4	3027.2	3032.7	3050.2	3064.5	3073.2	3083.1	3094.1	3109.4	2945.0	2493.4
32.5°	3262.9	3294.6	3302.3	3312.2	3333.0	3348.3	3354.9	3372.5	3376.8	3079.8	2488.0
35°	3614.7	3600.4	3637.7	3646.5	3676.1	3688.1	3695.8	3718.8	3701.3	3226.7	2451.8
37.5°	3932.5	3928.1	3964.3	3984.0	4022.4	4013.6	4032.3	4047.6	3985.1	3330.8	2384.9
40°	4320.5	4315.0	4365.4	4372.0	4431.2	4418.1	4425.7	4437.8	4298.6	3403.1	2263.3
42.5°	4861.9	4864.1	4917.8	4924.4	4932.1	4956.2	4916.7	4918.9	4631.8	3422.9	2062.7
45°	5575.5	5613.8	5580.9	5582.0	5579.8	5533.8	5484.5	5426.4	4978.1	3354.9	1804.0
47.5°	6267.0	6240.7	6199.1	6160.7	6128.9	6056.6	5984.3	5885.6	5277.3	3193.8	1515.8
50°	6858.9	6799.7	6762.4	6656.1	6580.5	6486.2	6385.4	6272.5	5522.8	2961.4	1246.2
52.5°	7409.1	7347.7	7208.5	7097.8	6989.3	6864.4	6747.1	6614.5	5739.9	2696.2	1040.1
55°	8323.2	8269.5	8130.3	7927.5	7793.8	7621.7	7467.2	7287.4	6179.4	2481.4	904.2
57.5°	10450.6	10404.5	10111.9	9983.6	9807.2	9375.4	9311.8	9031.2	7357.6	2456.2	824.2
60°	13446.0	13248.7	13005.4	12654.7	12241.5	12099.0	11781.1	11407.4	9253.7	2525.2	759.5
62.5°	15285.1	14835.7	14478.4	14074.0	13693.7	13367.1	13019.6	12650.3	10223.7	2434.3	679.5
65°	15423.2	14894.9	14422.5	13948.0	13520.5	13113.9	12776.3	12407.0	9908.0	2092.3	575.4
67.5°	14662.6	14105.8	13590.7	13052.5	12620.7	12253.5	11823.9	11468.8	9018.1	1628.7	479.0
70°	13094.2	12605.3	12161.4	11581.6	11223.2	10776.1	10503.2	10059.3	7860.7	1110.3	395.7
72.5°	9431.3	9063.0	8918.3	8513.9	8044.8	7781.7	7655.7	7225.0	5808.9	689.4	323.3
75°	3186.1	3277.1	3068.9	2749.9	2905.6	2665.5	2763.1	2558.1	2457.3	395.7	271.8
77.5°	706.9	664.2	613.8	569.9	566.6	532.7	564.5	533.8	571.0	252.1	240.0
80°	557.9	440.6	374.8	342.0	324.4	314.6	306.9	298.1	271.8	214.8	221.4
82.5°	602.8	454.8	333.2	266.3	228.0	213.7	210.4	201.7	199.5	208.2	223.6
85°	192.9	161.1	137.0	129.3	119.5	114.0	111.8	108.5	131.5	226.9	214.8
87.5°	100.8	88.8	78.9	75.6	65.8	61.4	60.3	61.4	92.1	226.9	155.6
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0	1804.0
2.5°	1805.1	1804.0	1801.9	1800.8	1799.7	1794.2	1798.6
5°	1839.1	1828.2	1818.3	1806.2	1799.7	1794.2	1794.2
7.5°	1890.6	1859.9	1834.7	1807.3	1788.7	1774.5	1772.3
10°	1955.3	1896.1	1838.0	1788.7	1753.6	1727.3	1724.0
12.5°	2016.7	1926.8	1834.7	1753.6	1698.8	1661.6	1659.4
15°	2073.7	1943.2	1809.5	1690.1	1607.9	1558.5	1553.1
17.5°	2118.6	1933.4	1752.5	1601.3	1489.5	1431.4	1428.1
20°	2128.5	1893.9	1671.4	1491.7	1373.3	1311.9	1297.7
22.5°	2119.7	1822.7	1570.6	1371.1	1235.2	1173.8	1166.2
25°	2093.4	1736.1	1445.7	1230.8	1104.8	1042.3	1027.0
27.5°	2046.3	1634.2	1310.8	1094.9	970.0	909.7	894.4
30°	1976.1	1511.4	1167.3	967.8	838.5	790.2	774.9
32.5°	1878.6	1362.4	1025.9	837.4	729.9	691.6	685.0
35°	1743.8	1191.4	877.9	729.9	651.0	628.0	624.7
37.5°	1571.7	1020.4	754.1	653.2	596.2	582.0	579.8
40°	1347.0	845.0	666.4	598.4	556.8	544.7	542.5
42.5°	1115.7	713.5	601.7	554.6	520.6	509.6	506.4
45°	913.0	624.7	553.5	518.4	486.6	474.6	473.5
47.5°	761.7	573.2	514.0	485.5	453.8	439.5	440.6
50°	651.0	526.1	481.2	457.0	420.9	407.7	408.8
52.5°	575.4	479.0	450.5	423.1	392.4	379.2	379.2
55°	516.2	440.6	420.9	391.3	367.2	355.1	354.0
57.5°	468.0	409.9	392.4	368.3	344.2	329.9	329.9
60°	438.4	388.0	373.7	351.8	323.3	308.0	306.9
62.5°	420.9	381.4	369.4	338.7	306.9	291.5	288.3
65°	407.7	396.8	381.4	331.0	293.7	277.3	274.0
67.5°	408.8	432.9	411.0	335.4	289.3	265.2	260.9
70°	415.4	461.4	431.8	345.2	308.0	259.8	249.9
72.5°	382.5	417.6	389.1	328.8	300.3	249.9	237.8
75°	318.9	304.7	279.5	267.4	269.6	226.9	222.5
77.5°	258.7	226.9	202.8	212.6	226.9	194.0	189.6
80°	224.7	184.1	172.1	188.5	206.1	165.5	154.5
82.5°	210.4	155.6	148.0	196.2	215.9	142.5	124.9
85°	185.2	127.1	116.2	231.3	215.9	107.4	99.7
87.5°	123.9	75.6	72.3	169.9	148.0	74.5	60.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)