

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P640352

Luminaire Tested: GWS-SA5D-760-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640352
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-37)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA5D-760-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (80) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28406 lumens
Efficiency: N/A
Efficacy: 138.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

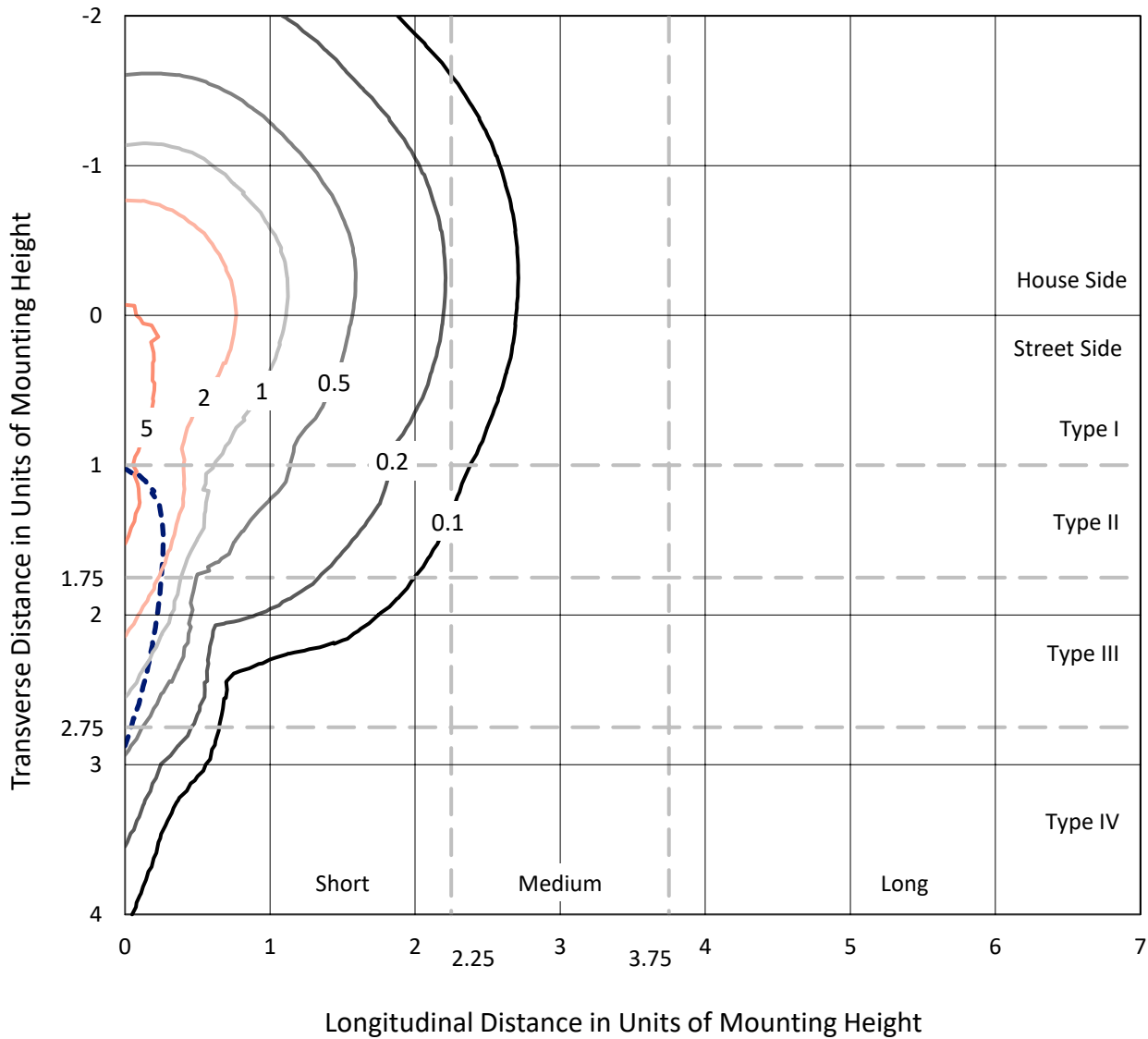
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

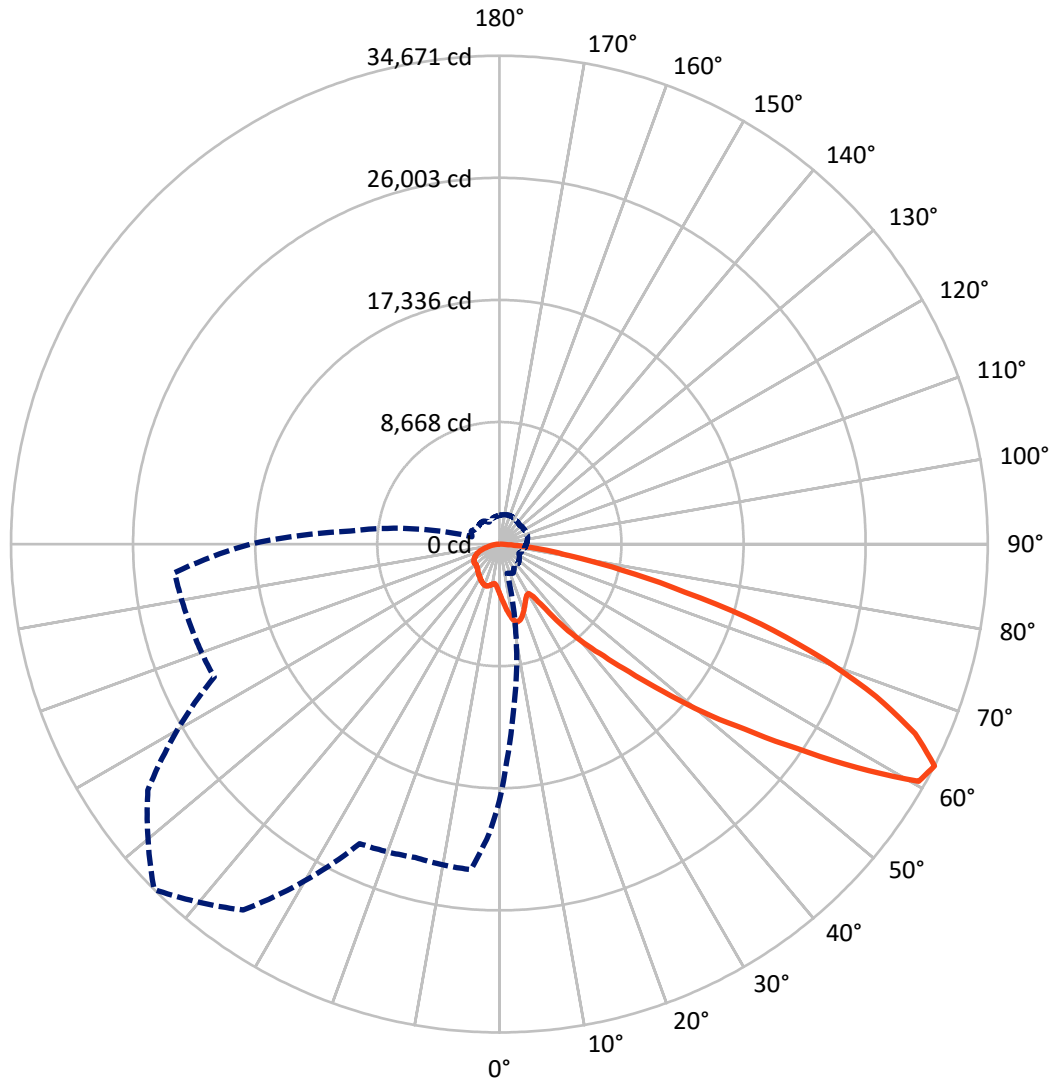
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6791.9	0.0	6791.9
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	21614.1	0.0	21614.1
	% Fixture	76.1	0.0	76.1
Total	Lumens	28406.0	0.0	28406.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	348.9	1.2
10°-20°	1133.9	4.0
20°-30°	1785.1	6.3
30°-40°	2446.8	8.6
40°-50°	3817.7	13.4
50°-60°	6582.5	23.2
60°-70°	7628.3	26.9
70°-80°	4026.6	14.2
80°-90°	636.1	2.2
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°	28406.0	100.0
0°-180°	28406.0	100.0

Coefficient of Utilization



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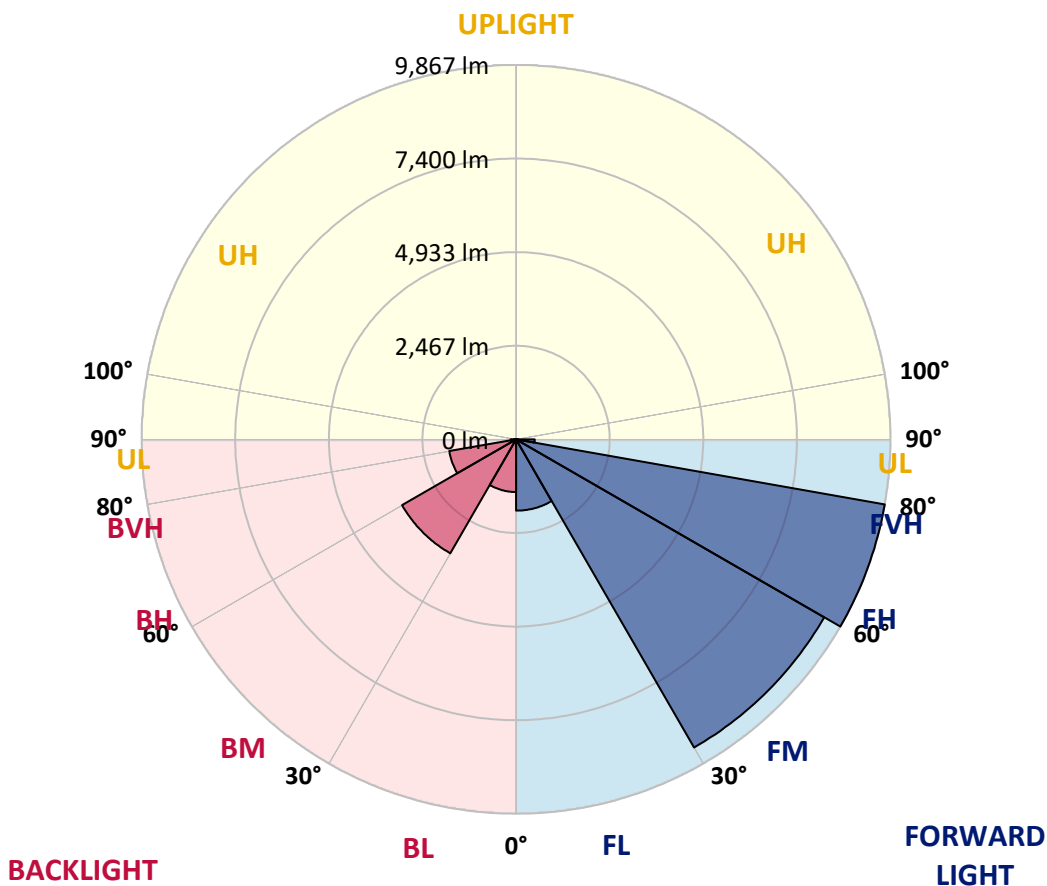
CATALOG NUMBER: GWS-SA5D-760-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1878.7	6.6			
FM (30°-60°)	9377.8	33.0			
FH (60°-80°)	9866.6	34.7			G4/12000
FVH (80°-90°)	491.0	1.7			G3/500
BL (0°-30°)	1389.2	4.9	B3/2500		
BM (30°-60°)	3469.3	12.2	B3/5000		
BH (60°-80°)	1788.3	6.3	B3/2500		G3/2500
BVH (80°-90°)	145.1	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6
2.5°	3848.0	3832.8	3811.1	3737.2	3691.6	3639.4	3585.1	3522.1	3450.4	3400.4	3350.4
5°	4173.9	4150.0	4097.9	3921.9	3800.2	3667.7	3556.8	3430.8	3307.0	3222.2	3137.5
7.5°	4486.8	4456.4	4376.0	4106.6	3908.8	3717.6	3550.3	3367.8	3183.1	3057.1	2957.2
10°	4799.7	4736.7	4634.6	4282.6	4021.8	3800.2	3609.0	3385.2	3139.7	2968.0	2861.6
12.5°	5038.7	4980.0	4869.2	4443.3	4134.8	3856.7	3641.6	3435.2	3226.6	3044.1	2935.4
15°	5262.5	5186.4	5060.4	4593.3	4228.2	3854.5	3576.4	3396.1	3365.6	3320.0	3178.8
17.5°	5423.3	5353.7	5223.4	4714.9	4280.4	3787.2	3396.1	3289.6	3426.5	3565.5	3430.8
20°	5564.5	5484.1	5351.6	4799.7	4291.3	3637.2	3176.6	3178.8	3393.9	3585.1	3552.5
22.5°	5684.0	5594.9	5477.6	4895.3	4286.9	3428.7	2985.4	3115.8	3330.9	3480.8	3485.1
25°	5831.8	5757.9	5660.1	5036.5	4286.9	3215.7	2846.3	3039.7	3224.4	3350.4	3346.1
27.5°	6012.1	5962.1	5881.7	5251.6	4326.0	3037.6	2768.1	2942.0	3087.5	3196.2	3194.0
30°	6214.2	6168.5	6107.7	5479.8	4393.4	2905.0	2724.7	2820.3	2926.7	3013.7	3013.7
32.5°	6420.6	6403.2	6338.0	5662.3	4341.2	2863.7	2687.7	2698.6	2755.1	2826.8	2820.3
35°	6707.4	6690.0	6607.4	5803.5	4115.3	2805.1	2629.1	2574.8	2581.3	2626.9	2642.1
37.5°	7126.7	7100.7	6979.0	5968.6	3774.1	2657.3	2533.5	2444.4	2424.8	2444.4	2472.6
40°	7633.0	7593.9	7428.8	6192.4	3380.9	2457.4	2383.5	2309.7	2277.1	2283.6	2316.2
42.5°	8267.4	8184.9	7948.0	6429.3	2991.9	2281.4	2216.2	2170.6	2133.7	2129.3	2192.3
45°	9297.3	9071.4	8695.5	6640.0	2663.8	2188.0	2066.3	2033.7	2003.3	2020.7	2094.6
47.5°	11096.4	10679.2	9947.0	6820.4	2463.9	2190.2	1946.8	1912.1	1909.9	1944.6	2027.2
50°	13569.0	12967.2	11837.3	6942.0	2359.6	2216.2	1875.1	1818.6	1859.9	1894.7	1972.9
52.5°	15937.4	15018.3	13673.3	6939.9	2314.0	2220.6	1894.7	1731.7	1859.9	1868.6	1942.5
55°	17960.2	16295.9	14168.7	6227.2	2248.8	2203.2	1970.7	1664.4	1836.0	1868.6	1927.3
57.5°	19568.1	17108.5	14131.8	5030.0	2446.6	2107.6	2016.3	1649.1	1766.5	1872.9	1940.3
60°	19389.9	16737.0	13221.4	3087.5	2427.0	1938.1	2009.8	1677.4	1649.1	1814.3	1925.1
62.5°	18205.8	15405.0	11654.8	2142.4	2279.3	1840.3	1903.4	1727.4	1540.5	1729.5	1851.2
65°	16547.9	13686.4	9712.4	1642.6	1888.2	1844.7	1723.0	1692.6	1444.9	1594.8	1725.2
67.5°	14355.6	11554.9	7667.8	1301.5	1316.7	1597.0	1564.4	1503.6	1355.8	1475.3	1592.7
70°	10792.2	8432.6	5275.5	1047.3	997.3	1334.1	1405.8	1351.5	1268.9	1303.7	1427.5
72.5°	7604.7	5505.8	2889.8	830.0	769.2	1025.6	1221.1	1212.4	1121.2	1147.2	1268.9
75°	5651.4	3895.8	1805.6	656.2	625.8	734.4	1023.4	1049.5	973.4	1003.8	1097.3
77.5°	3761.1	2522.6	1003.8	486.7	486.7	536.7	762.6	884.3	827.8	851.7	916.9
80°	2075.0	1284.1	501.9	319.4	328.1	369.4	556.2	636.6	638.8	697.5	714.8
82.5°	656.2	408.5	223.8	186.9	176.0	210.8	358.5	456.3	425.9	543.2	499.7
85°	149.9	95.6	41.3	41.3	45.6	69.5	136.9	243.4	310.7	373.7	271.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	95.6	141.2	126.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6
2.5°	3320.0	3276.6	3263.5	3226.6	3222.2	3187.5	3174.4	3174.4	3189.6	3189.6	3204.9
5°	3102.7	3048.4	3018.0	2974.5	2963.7	2937.6	2920.2	2922.4	2942.0	2955.0	2981.1
7.5°	2911.5	2874.6	2852.9	2833.3	2829.0	2824.6	2805.1	2802.9	2809.4	2829.0	2848.5
10°	2831.1	2805.1	2811.6	2826.8	2850.7	2863.7	2846.3	2837.7	2831.1	2844.2	2861.6
12.5°	2909.4	2883.3	2896.3	2922.4	2955.0	2968.0	2961.5	2959.3	2965.9	3015.8	3052.8
15°	3081.0	3031.0	3013.7	3024.5	3050.6	3063.6	3057.1	3065.8	3107.1	3237.5	3330.9
17.5°	3293.9	3172.3	3102.7	3083.2	3094.0	3104.9	3104.9	3126.6	3198.3	3389.5	3506.9
20°	3409.1	3250.5	3133.2	3085.4	3089.7	3100.6	3100.6	3131.0	3211.4	3415.6	3491.7
22.5°	3378.7	3233.1	3089.7	3037.6	3039.7	3048.4	3048.4	3074.5	3146.2	3326.5	3361.3
25°	3259.2	3131.0	2989.8	2944.1	2948.5	2963.7	2959.3	2974.5	3028.9	3176.6	3196.2
27.5°	3115.8	3002.8	2863.7	2829.0	2848.5	2878.9	2852.9	2855.0	2905.0	3028.9	3031.0
30°	2961.5	2868.1	2744.2	2718.2	2755.1	2770.3	2746.4	2746.4	2796.4	2881.1	2878.9
32.5°	2794.2	2735.5	2646.5	2618.2	2659.5	2683.4	2653.0	2657.3	2696.4	2752.9	2731.2
35°	2637.8	2607.3	2566.1	2546.5	2572.6	2594.3	2574.8	2583.4	2620.4	2635.6	2605.2
37.5°	2487.8	2483.5	2487.8	2487.8	2494.4	2500.9	2487.8	2509.6	2542.2	2522.6	2487.8
40°	2357.5	2374.9	2416.1	2405.3	2398.8	2405.3	2396.6	2433.5	2466.1	2431.3	2390.1
42.5°	2248.8	2281.4	2344.4	2344.4	2331.4	2335.7	2331.4	2377.0	2400.9	2353.1	2307.5
45°	2155.4	2203.2	2283.6	2294.5	2272.7	2272.7	2281.4	2337.9	2346.6	2281.4	2233.6
47.5°	2090.2	2148.9	2240.1	2259.7	2227.1	2224.9	2248.8	2309.7	2309.7	2233.6	2179.3
50°	2044.6	2109.8	2218.4	2244.5	2211.9	2203.2	2242.3	2301.0	2287.9	2196.7	2142.4
52.5°	2014.2	2081.5	2216.2	2253.2	2231.5	2222.8	2261.9	2303.2	2270.6	2172.8	2116.3
55°	1994.6	2068.5	2222.8	2253.2	2229.3	2214.1	2253.2	2290.1	2272.7	2159.7	2105.4
57.5°	2005.5	2079.4	2214.1	2229.3	2201.0	2175.0	2220.6	2272.7	2266.2	2164.1	2109.8
60°	1988.1	2055.5	2166.3	2170.6	2122.8	2081.5	2148.9	2227.1	2227.1	2148.9	2101.1
62.5°	1907.7	1975.1	2072.8	2077.2	2022.9	1977.2	2055.5	2148.9	2146.7	2083.7	2033.7
65°	1775.2	1838.2	1949.0	1959.9	1905.5	1857.7	1938.1	2025.0	2031.6	1975.1	1931.6
67.5°	1629.6	1686.1	1768.6	1812.1	1766.5	1716.5	1790.4	1872.9	1870.8	1803.4	1757.8
70°	1455.8	1507.9	1584.0	1620.9	1592.7	1544.9	1612.2	1655.7	1636.1	1603.5	1573.1
72.5°	1284.1	1334.1	1405.8	1405.8	1375.4	1329.7	1349.3	1427.5	1451.4	1427.5	1408.0
75°	1103.8	1147.2	1197.2	1208.1	1140.7	1058.1	1149.4	1216.8	1245.0	1234.1	1210.2
77.5°	919.1	951.7	1025.6	1006.0	880.0	836.5	910.4	1010.3	1029.9	1023.4	990.8
80°	708.3	727.9	806.1	767.0	669.2	641.0	673.6	751.8	756.1	734.4	693.1
82.5°	475.8	501.9	554.1	478.0	475.8	449.8	423.7	432.4	471.5	467.1	438.9
85°	243.4	256.4	306.4	286.8	245.5	212.9	202.1	215.1	193.4	176.0	152.1
87.5°	102.1	110.8	152.1	84.7	26.1	0.0	0.0	13.0	19.6	28.2	30.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6
2.5°	3239.6	3263.5	3322.2	3396.1	3467.8	3541.6	3622.0	3672.0	3732.8	3811.1	3813.2
5°	3013.7	3068.0	3152.7	3265.7	3383.0	3517.7	3674.2	3804.5	3961.0	4084.8	4134.8
7.5°	2874.6	2952.8	3059.3	3202.7	3357.0	3524.3	3728.5	3948.0	4204.3	4369.5	4467.2
10°	2887.6	3007.1	3113.6	3235.3	3374.3	3554.7	3817.6	4108.7	4423.8	4641.1	4762.7
12.5°	3120.1	3246.1	3226.6	3220.1	3313.5	3532.9	3889.3	4271.7	4656.3	4873.6	5019.1
15°	3413.4	3461.2	3276.6	3137.5	3194.0	3454.7	3928.4	4417.3	4849.7	5114.7	5258.1
17.5°	3563.4	3467.8	3244.0	3035.4	3020.2	3335.2	3948.0	4565.0	5066.9	5332.0	5484.1
20°	3493.8	3354.8	3165.7	2968.0	2859.4	3172.3	3937.1	4682.4	5264.7	5560.2	5684.0
22.5°	3343.9	3222.2	3074.5	2885.5	2729.0	2994.1	3908.8	4799.7	5440.7	5738.3	5847.0
25°	3181.0	3089.7	2968.0	2802.9	2655.1	2837.7	3889.3	4956.1	5642.7	5927.4	5996.9
27.5°	3018.0	2950.6	2850.7	2722.5	2637.8	2729.0	3895.8	5160.4	5903.5	6172.9	6144.6
30°	2857.2	2798.5	2729.0	2672.5	2635.6	2702.9	3878.4	5377.6	6190.3	6440.1	6272.8
32.5°	2705.1	2650.8	2607.3	2616.0	2637.8	2713.8	3789.3	5575.4	6453.2	6666.1	6411.9
35°	2574.8	2518.3	2518.3	2548.7	2629.1	2676.9	3559.0	5729.6	6744.3	6957.3	6609.6
37.5°	2453.1	2403.1	2435.7	2485.7	2561.7	2576.9	3263.5	5879.6	7168.0	7367.9	6916.0
40°	2346.6	2296.6	2355.3	2418.3	2457.4	2450.9	2963.7	6088.1	7667.8	7874.2	7322.3
42.5°	2261.9	2216.2	2268.4	2348.8	2355.3	2361.8	2744.2	6288.0	8247.9	8510.8	8021.9
45°	2192.3	2159.7	2185.8	2266.2	2266.2	2366.2	2607.3	6455.3	9121.4	9586.3	9306.0
47.5°	2138.0	2118.5	2131.5	2157.6	2201.0	2444.4	2520.4	6583.5	10711.8	11624.4	11341.9
50°	2107.6	2088.0	2105.4	2051.1	2181.5	2483.5	2492.2	6681.3	12808.6	14238.3	13888.4
52.5°	2081.5	2075.0	2085.9	1959.9	2224.9	2457.4	2470.5	6550.9	14214.4	16810.8	17156.3
55°	2072.8	2077.2	2025.0	1892.5	2277.1	2370.5	2405.3	5618.8	14596.8	19029.3	21173.8
57.5°	2077.2	2064.1	1931.6	1899.0	2279.3	2196.7	2498.7	4008.8	14040.5	19994.0	25104.4
60°	2062.0	1996.8	1818.6	1957.7	2179.3	1992.4	2431.3	2613.9	12573.9	19253.1	25332.5
62.5°	1994.6	1899.0	1720.8	1990.3	2001.1	1870.8	2207.5	2014.2	10618.4	17666.9	23133.6
65°	1896.8	1768.6	1638.3	1922.9	1820.8	1814.3	1660.0	1614.4	8539.0	15778.8	21047.8
67.5°	1736.1	1607.9	1577.4	1768.6	1638.3	1607.9	1334.1	1338.4	6813.9	13766.8	18951.0
70°	1553.5	1425.3	1449.2	1599.2	1457.9	1336.3	1079.9	1114.6	5169.1	11470.1	16124.2
72.5°	1434.0	1262.4	1264.6	1408.0	1281.9	1082.0	888.7	919.1	3280.9	8645.5	12819.4
75°	1210.2	1112.5	1064.7	1140.7	1088.6	843.0	747.4	740.9	1944.6	6196.8	9599.4
77.5°	1010.3	934.3	910.4	940.8	812.6	623.6	601.9	591.0	1101.6	3969.7	6290.2
80°	732.2	712.7	710.5	725.7	625.8	458.5	458.5	460.6	593.2	2155.4	3546.0
82.5°	465.0	508.4	449.8	499.7	425.9	325.9	304.2	345.5	341.1	919.1	1494.9
85°	193.4	265.1	247.7	262.9	202.1	178.2	191.2	206.4	197.7	354.2	582.3
87.5°	36.9	43.5	47.8	45.6	45.6	56.5	63.0	76.0	76.0	102.1	176.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6	3541.6
2.5°	3895.8	3958.8	3945.8	3974.0	3937.1	3950.1	3876.2	3856.7	3843.7	3848.0
5°	4295.6	4423.8	4447.7	4495.5	4462.9	4462.9	4332.5	4234.8	4200.0	4173.9
7.5°	4701.9	4886.6	5008.3	5021.3	5003.9	4969.2	4780.1	4604.1	4541.1	4486.8
10°	5062.6	5284.2	5421.1	5486.3	5453.7	5399.4	5164.7	4923.5	4847.5	4799.7
12.5°	5338.5	5534.1	5625.3	5668.8	5664.5	5644.9	5453.7	5193.0	5112.6	5038.7
15°	5516.7	5614.5	5579.7	5577.5	5608.0	5686.2	5627.5	5423.3	5329.8	5262.5
17.5°	5631.9	5538.4	5384.2	5312.5	5377.6	5562.3	5697.0	5581.9	5497.1	5423.3
20°	5673.1	5340.7	5116.9	4984.4	5060.4	5327.7	5660.1	5697.0	5625.3	5564.5
22.5°	5625.3	5099.5	4795.3	4638.9	4712.8	5032.2	5551.5	5790.5	5742.7	5684.0
25°	5508.0	4847.5	4482.5	4341.2	4421.6	4747.5	5358.1	5877.4	5879.6	5831.8
27.5°	5362.4	4615.0	4263.0	4130.5	4208.7	4512.9	5169.1	5953.4	6029.5	6012.1
30°	5214.7	4475.9	4158.7	4065.3	4123.9	4393.4	4975.7	6031.7	6183.7	6214.2
32.5°	5147.3	4543.3	4404.2	4445.5	4369.5	4462.9	4906.1	6142.5	6370.6	6420.6
35°	5236.4	5140.8	5492.8	5655.8	5386.3	5032.2	4995.2	6309.8	6633.5	6707.4
37.5°	5668.8	6420.6	6946.4	7520.0	7052.9	6272.8	5436.3	6594.4	7009.4	7126.7
40°	6609.6	7537.4	8486.9	9227.8	8521.7	7472.2	6275.0	7018.1	7526.5	7633.0
42.5°	7496.1	8584.7	9892.7	10850.9	9934.0	8452.1	7178.9	7730.8	8208.8	8267.4
45°	8365.2	9612.4	11594.0	12925.9	11680.9	9384.3	8102.3	8934.5	9295.2	9297.3
47.5°	9384.3	10770.5	13727.7	15624.5	13999.3	10416.3	8969.3	10840.0	11341.9	11096.4
50°	10603.2	11922.1	15924.3	18764.2	16826.0	11685.2	10070.9	13162.7	13847.2	13569.0
52.5°	12235.0	13191.0	18344.8	21825.6	19907.1	13130.1	11667.9	16230.7	16456.7	15937.4
55°	14531.6	15022.6	21451.9	25606.3	23346.6	14909.7	14003.6	20080.9	19448.6	17960.2
57.5°	19761.5	17921.1	25441.1	29919.3	27238.0	18142.8	19122.7	24326.5	22077.7	19568.1
60°	24137.5	21441.0	29132.7	34199.6	30573.3	21706.1	23928.9	25065.3	21979.9	19389.9
62.5°	22662.2	22338.4	30464.6	34671.1	31711.8	23459.6	23035.9	23203.2	20545.9	18205.8
65°	19883.2	20606.7	29276.1	32435.3	30449.4	21888.6	20837.0	21482.3	18905.4	16547.9
67.5°	18242.7	18775.0	27162.0	28856.8	28155.0	20189.5	19127.0	18659.9	16358.9	14355.6
70°	16565.3	17006.4	24194.0	24365.6	24576.4	17364.9	15639.7	14249.1	12193.7	10792.2
72.5°	14314.3	14338.2	20441.6	19446.4	19846.2	13588.6	12589.1	10653.2	8875.8	7604.7
75°	12009.0	11352.8	16180.7	13592.9	14394.7	10570.6	10453.3	8028.4	6694.4	5651.4
77.5°	9156.1	8389.1	11820.0	8938.8	10110.0	7039.8	7859.0	5445.0	4710.6	3761.1
80°	6146.8	5668.8	6531.4	5045.2	6614.0	4851.8	5125.6	3085.4	2674.7	2075.0
82.5°	3241.8	2768.1	4037.0	2991.9	3989.2	2666.0	1922.9	953.9	812.6	656.2
85°	1255.9	1453.6	1979.4	1064.7	1547.0	951.7	556.2	236.8	197.7	149.9
87.5°	243.4	375.9	206.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)