

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: LUMARK

Report Number: P600768

Luminaire Tested: **ASWPLED2S-60W-5000K**

Issue Date: 7/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P600768  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 20210926)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: ASWPLED2S-60W-5000K  
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE  
Light Source: (312) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8419.9 lumens  
Efficiency: N/A  
Efficacy: 139.4 lumens/watt  
Luminous Opening: Rectangular (W 0.79' x L: 0.33' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

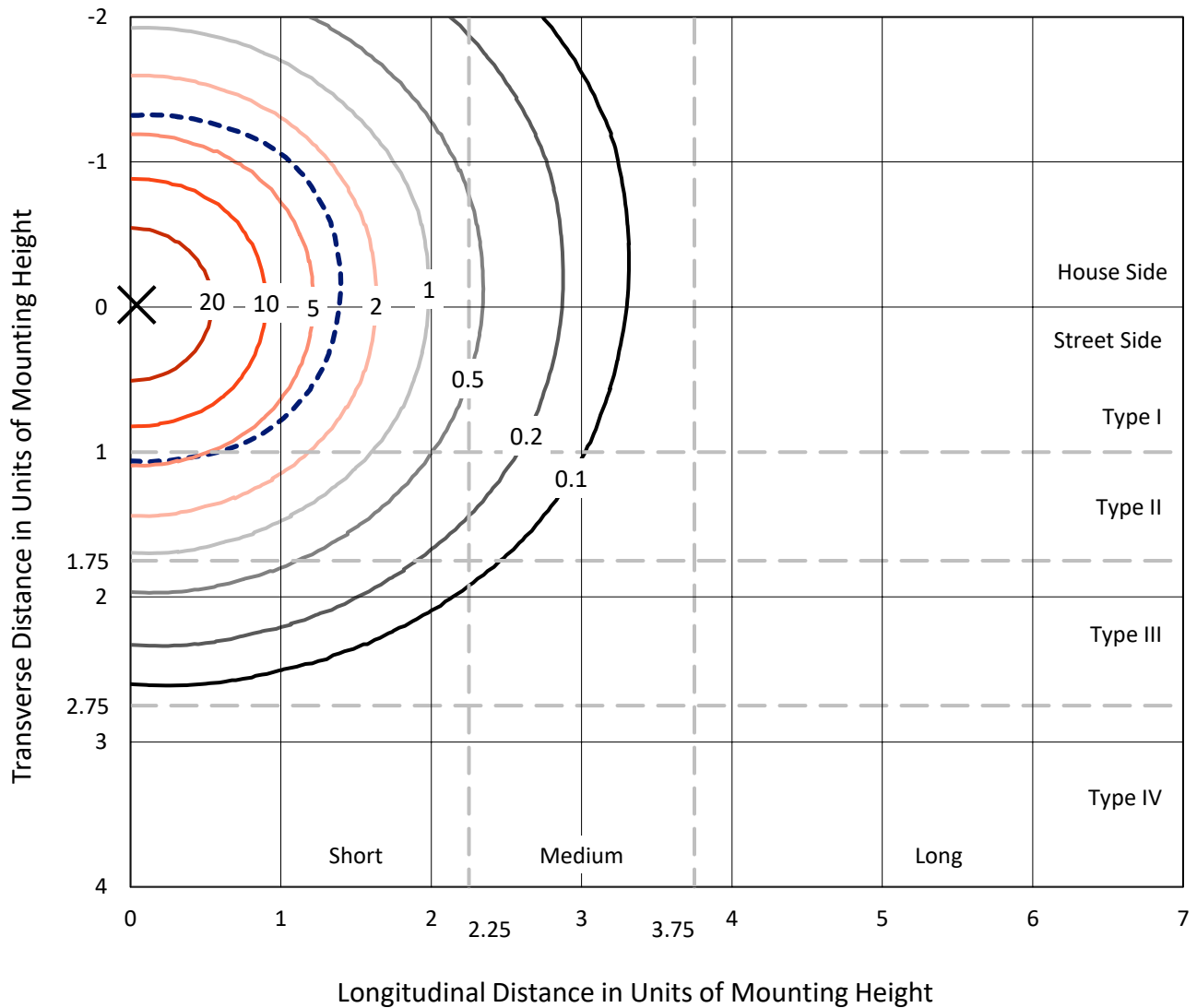
Input Watts (W): 60.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

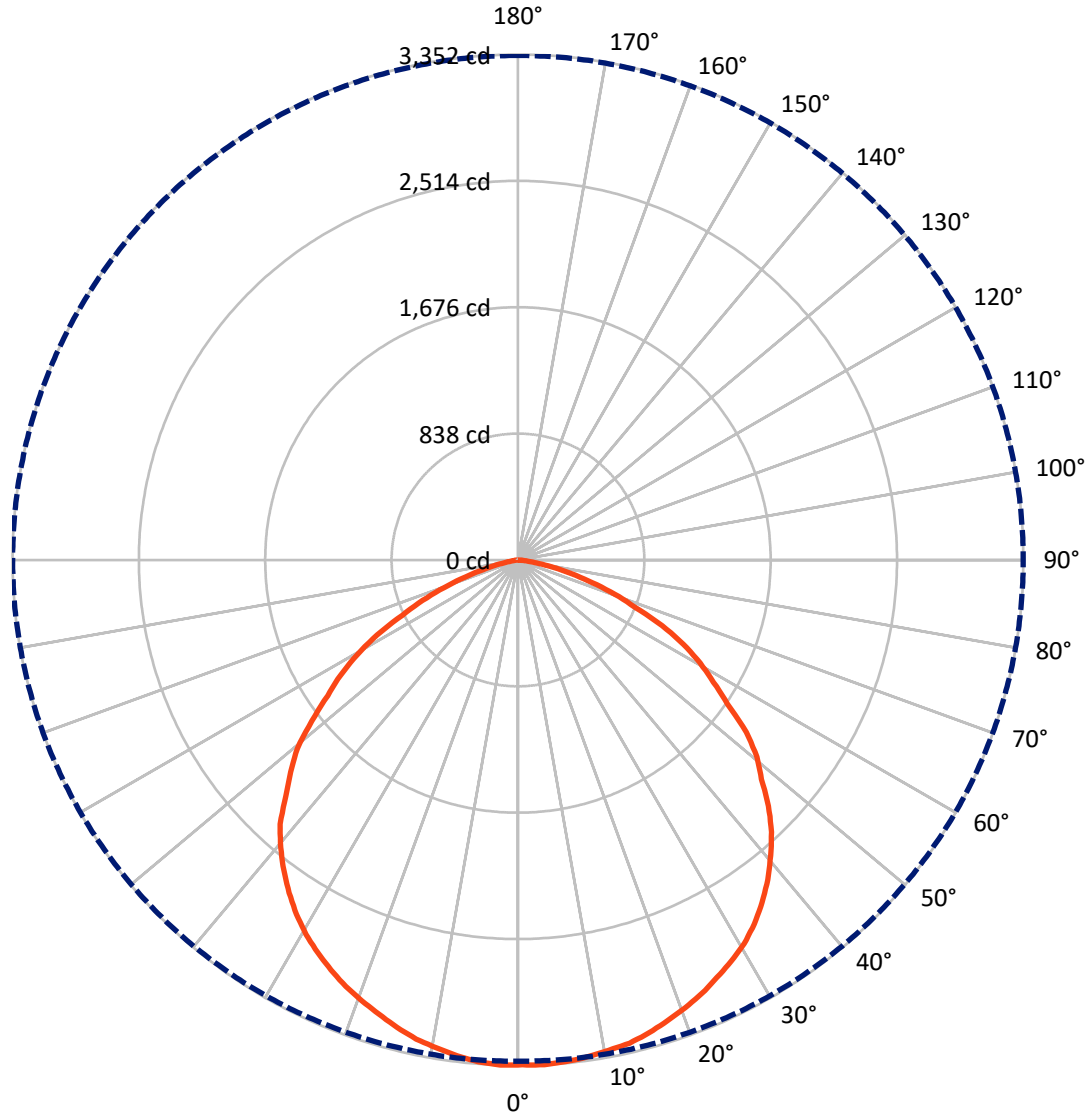
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 33.5 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 110-Deg Lateral    - - - Horizontal Cone Through 2.5-Deg Vertical

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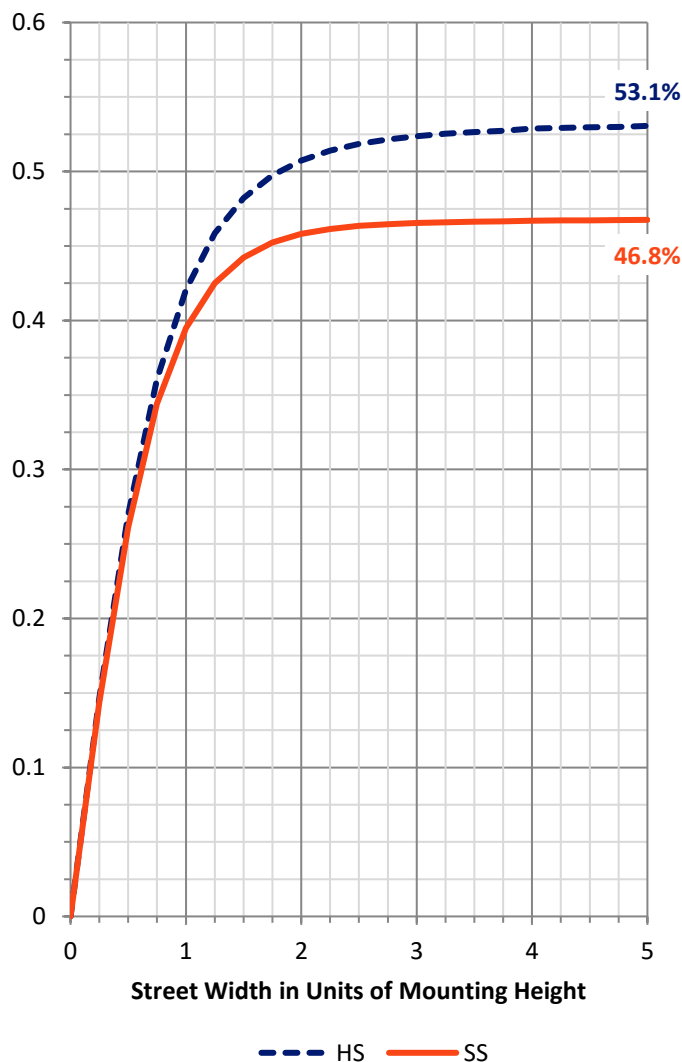
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4493.8	0.0	4493.8
	% Fixture	53.4	0.0	53.4
<b>Street Side</b>	Lumens	3926.0	0.0	3926.0
	% Fixture	46.6	0.0	46.6
<b>Total</b>	Lumens	8419.9	0.0	8419.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	316.5	3.8
10°-20°	905.8	10.8
20°-30°	1384.3	16.4
30°-40°	1679.9	20.0
40°-50°	1671.5	19.9
50°-60°	1346.9	16.0
60°-70°	808.6	9.6
70°-80°	273.3	3.2
80°-90°	33.1	0.4
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°	8419.9	100.0
0°-180°	8419.9	100.0

**Coefficient of Utilization**



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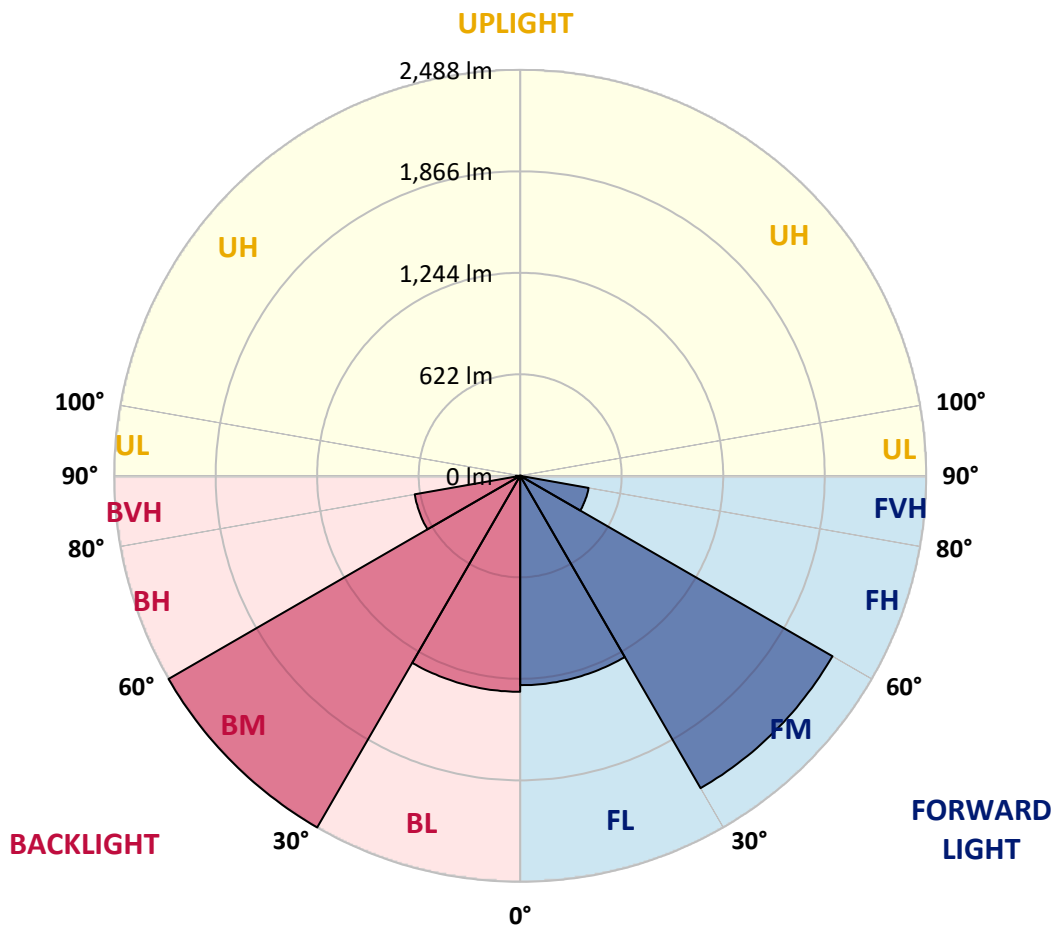
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1283.1	15.2			
FM (30°-60°)	2210.2	26.2			
FH (60°-80°)	425.5	5.1			G0/660
FVH (80°-90°)	7.4	0.1			G0/10
BL (0°-30°)	1323.5	15.7	B3/2500		
BM (30°-60°)	2488.1	29.6	B2/2500		
BH (60°-80°)	656.4	7.8	B2/1000		G0/660
BVH (80°-90°)	25.8	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G1**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8
2.5°	3324.3	3328.8	3333.4	3338.5	3343.8	3347.6	3349.8	3351.5	3351.3	3351.2	3351.8
5°	3298.9	3303.2	3307.5	3314.4	3322.1	3328.6	3333.9	3338.4	3340.6	3342.9	3342.4
7.5°	3257.1	3261.1	3265.2	3274.1	3284.5	3294.6	3304.4	3313.2	3319.0	3324.9	3326.4
10°	3209.9	3213.3	3216.7	3227.1	3239.9	3253.4	3267.6	3280.3	3288.6	3296.9	3301.8
12.5°	3168.5	3171.4	3174.3	3184.2	3196.4	3212.0	3231.0	3247.9	3258.4	3269.0	3278.9
15°	3116.7	3121.0	3125.2	3138.1	3153.9	3170.0	3186.4	3202.0	3215.3	3228.6	3241.7
17.5°	3065.1	3068.1	3071.1	3084.9	3102.3	3118.6	3133.7	3150.1	3170.2	3190.3	3201.6
20°	3011.3	3014.9	3018.6	3033.0	3050.9	3067.6	3083.0	3101.0	3127.2	3153.3	3161.8
22.5°	2950.2	2955.9	2961.6	2975.3	2991.6	3009.3	3028.5	3049.6	3076.8	3104.0	3113.8
25°	2884.7	2890.7	2896.6	2909.2	2924.1	2942.4	2964.1	2987.7	3016.7	3045.7	3056.6
27.5°	2809.7	2818.8	2827.9	2841.7	2857.1	2876.0	2898.5	2923.3	2955.0	2986.7	3000.2
30°	2734.0	2744.0	2754.1	2768.8	2785.1	2804.7	2827.6	2853.3	2887.5	2921.8	2938.4
32.5°	2625.1	2644.5	2664.0	2683.7	2703.5	2724.4	2746.5	2771.6	2806.2	2840.7	2859.5
35°	2426.7	2477.0	2527.2	2566.6	2602.3	2631.0	2652.7	2678.1	2714.6	2751.1	2770.4
37.5°	2280.7	2307.3	2333.8	2402.0	2484.0	2534.9	2554.8	2579.4	2618.0	2656.7	2673.5
40°	2152.4	2171.7	2191.0	2268.7	2365.8	2425.1	2446.5	2472.9	2514.0	2555.2	2567.8
42.5°	1935.5	1993.1	2050.6	2133.2	2224.2	2287.6	2323.3	2356.9	2383.7	2410.6	2438.4
45°	1796.8	1822.5	1848.2	1926.6	2022.7	2096.5	2148.0	2194.8	2227.4	2260.0	2294.8
47.5°	1609.4	1657.9	1706.4	1783.4	1869.8	1943.5	2004.4	2060.7	2103.5	2146.3	2160.1
50°	1441.6	1484.1	1526.7	1616.3	1721.7	1805.7	1868.3	1924.6	1962.3	2000.0	2026.8
52.5°	1251.7	1299.4	1347.2	1425.5	1514.0	1596.1	1671.9	1734.7	1758.5	1782.2	1839.9
55°	1089.3	1120.7	1152.1	1231.2	1326.1	1410.6	1484.6	1549.5	1587.2	1624.8	1655.7
57.5°	889.8	936.5	983.3	1054.9	1134.8	1223.7	1321.6	1403.5	1436.9	1470.4	1500.1
60°	711.8	756.5	801.2	866.4	938.5	1030.8	1143.4	1237.2	1274.7	1312.3	1350.7
62.5°	563.9	599.2	634.6	697.1	768.7	858.1	965.4	1057.5	1104.1	1150.7	1190.9
65°	416.5	449.6	482.6	542.7	611.8	688.2	771.7	847.1	898.1	949.1	999.8
67.5°	284.1	311.1	338.2	390.8	451.9	525.3	611.0	687.0	733.9	780.8	808.1
70°	165.4	188.9	212.3	255.8	305.9	370.5	449.6	520.8	568.2	615.7	648.6
72.5°	121.7	125.6	129.5	159.6	198.3	248.7	310.9	367.3	406.4	445.6	480.7
75°	81.5	86.5	91.5	103.5	117.8	148.4	195.3	238.1	268.7	299.3	334.5
77.5°	47.8	51.9	55.9	62.1	69.0	86.2	113.6	139.6	161.7	183.7	215.9
80°	22.9	26.0	29.1	34.0	39.5	47.0	56.4	66.7	79.6	92.5	117.2
82.5°	7.6	9.1	10.6	13.5	16.9	20.7	24.8	29.2	34.7	40.2	55.0
85°	1.9	2.4	3.0	3.8	4.7	6.6	9.5	11.9	13.2	14.4	21.5
87.5°	1.6	1.5	1.4	1.6	1.9	2.2	2.7	3.3	4.4	5.5	9.5
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):**

	110°	120°	130°	140°	150°	160°	170°	180°
0°	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8	3348.8
2.5°	3352.4	3351.4	3349.8	3348.3	3346.9	3345.9	3346.1	3346.3
5°	3341.9	3343.2	3345.1	3346.5	3347.5	3348.4	3349.1	3349.9
7.5°	3327.9	3331.1	3334.8	3336.2	3335.3	3334.2	3332.6	3331.1
10°	3306.8	3310.1	3313.0	3312.8	3309.5	3306.9	3306.3	3305.7
12.5°	3288.9	3289.4	3286.8	3285.7	3286.2	3286.2	3285.0	3283.9
15°	3254.7	3257.8	3257.5	3257.5	3257.8	3257.0	3252.8	3248.7
17.5°	3212.9	3218.9	3223.1	3221.7	3214.8	3208.2	3202.3	3196.4
20°	3170.3	3177.6	3184.6	3180.8	3166.1	3153.4	3146.7	3140.0
22.5°	3123.6	3128.3	3131.4	3126.1	3112.4	3100.7	3094.9	3089.2
25°	3067.6	3068.3	3065.6	3061.1	3054.9	3048.2	3040.1	3032.0
27.5°	3013.7	3010.7	3002.1	2997.3	2996.2	2993.2	2984.8	2976.4
30°	2955.0	2951.3	2940.8	2935.0	2933.9	2931.8	2926.9	2922.1
32.5°	2878.2	2875.1	2864.7	2862.1	2867.3	2869.3	2861.6	2854.0
35°	2789.7	2789.9	2783.8	2784.0	2790.5	2793.4	2785.2	2777.0
37.5°	2690.4	2695.6	2696.9	2698.6	2700.7	2693.3	2657.2	2621.1
40°	2580.4	2589.4	2597.2	2587.1	2559.0	2526.9	2482.8	2438.8
42.5°	2466.2	2482.4	2494.8	2468.8	2404.4	2353.7	2343.7	2333.7
45°	2329.6	2356.2	2380.1	2360.9	2298.4	2245.1	2219.3	2193.5
47.5°	2174.0	2197.3	2223.6	2208.6	2152.2	2097.6	2048.2	1998.8
50°	2053.7	2055.5	2049.0	2016.8	1958.9	1912.0	1898.1	1884.2
52.5°	1897.5	1907.7	1902.0	1874.0	1823.7	1775.6	1734.2	1692.8
55°	1686.6	1709.6	1730.0	1705.7	1636.7	1577.9	1549.7	1521.6
57.5°	1529.9	1533.5	1528.5	1503.1	1457.1	1414.8	1383.2	1351.7
60°	1389.0	1390.9	1380.7	1348.4	1294.0	1246.4	1219.2	1192.0
62.5°	1231.1	1214.2	1178.3	1145.5	1115.7	1084.3	1048.0	1011.8
65°	1050.5	1036.5	1001.0	965.1	929.0	896.7	875.9	855.1
67.5°	835.4	829.5	812.5	790.1	762.4	735.4	710.6	685.9
70°	681.5	678.7	664.1	639.1	603.7	572.2	552.4	532.7
72.5°	515.8	515.3	503.0	482.5	453.8	426.7	404.7	382.7
75°	369.8	365.8	348.7	330.4	310.9	291.6	273.0	254.5
77.5°	248.1	246.5	233.6	216.4	195.0	176.1	165.1	154.0
80°	141.9	141.9	133.6	126.7	121.2	117.0	116.4	115.8
82.5°	69.7	73.3	73.1	74.8	78.3	80.7	79.6	78.6
85°	28.6	35.1	41.3	45.3	47.0	47.9	46.3	44.7
87.5°	13.5	16.6	19.4	21.1	21.9	22.4	22.0	21.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)