

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: P600765

Luminaire Tested: **ASWPLED2S-50W-5000K**

Issue Date: 7/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P600765  
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-50W-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: 7201.3 lumens  
Efficiency: N/A  
Efficacy: 143.5 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

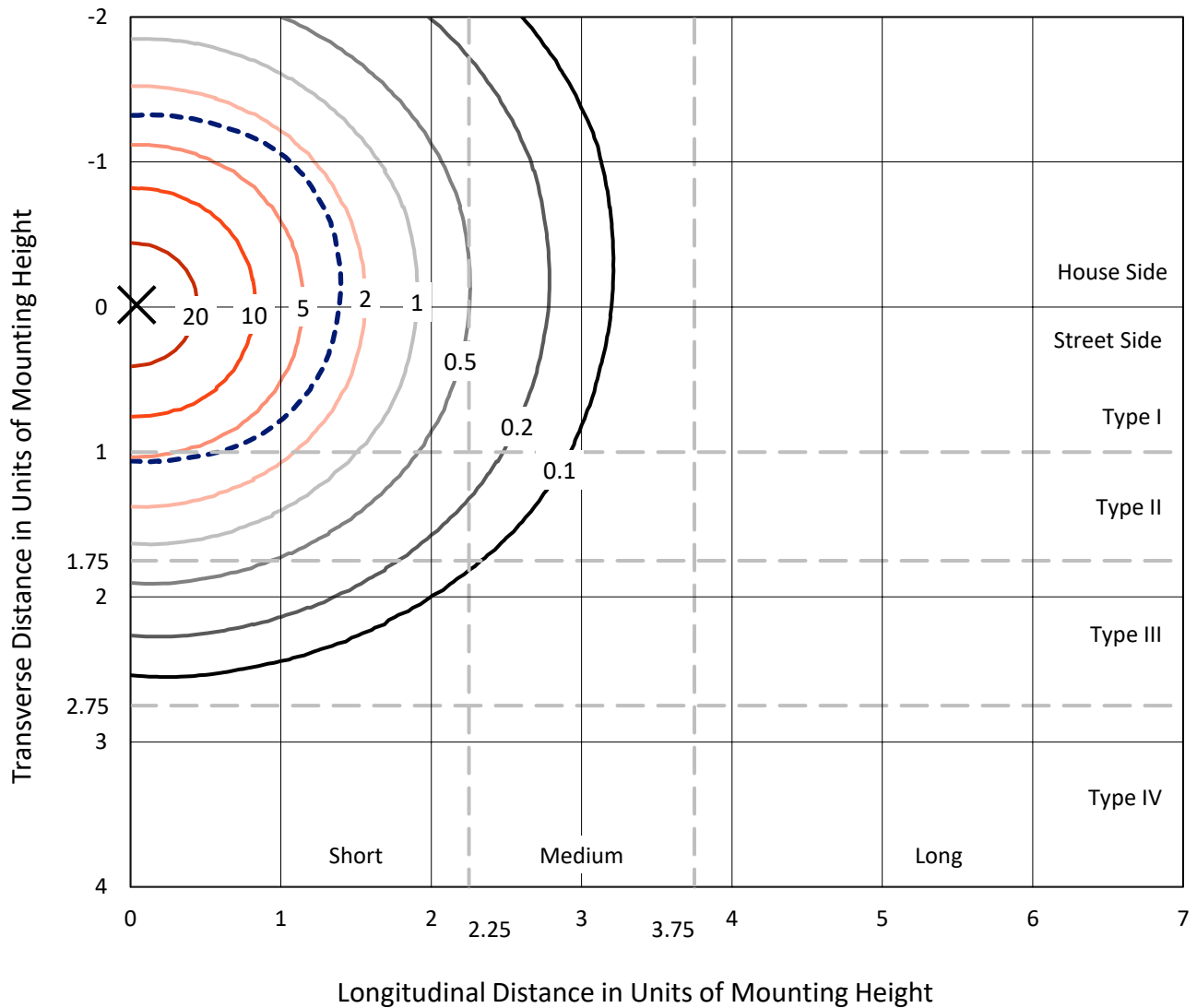
Input Watts (W): 50.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

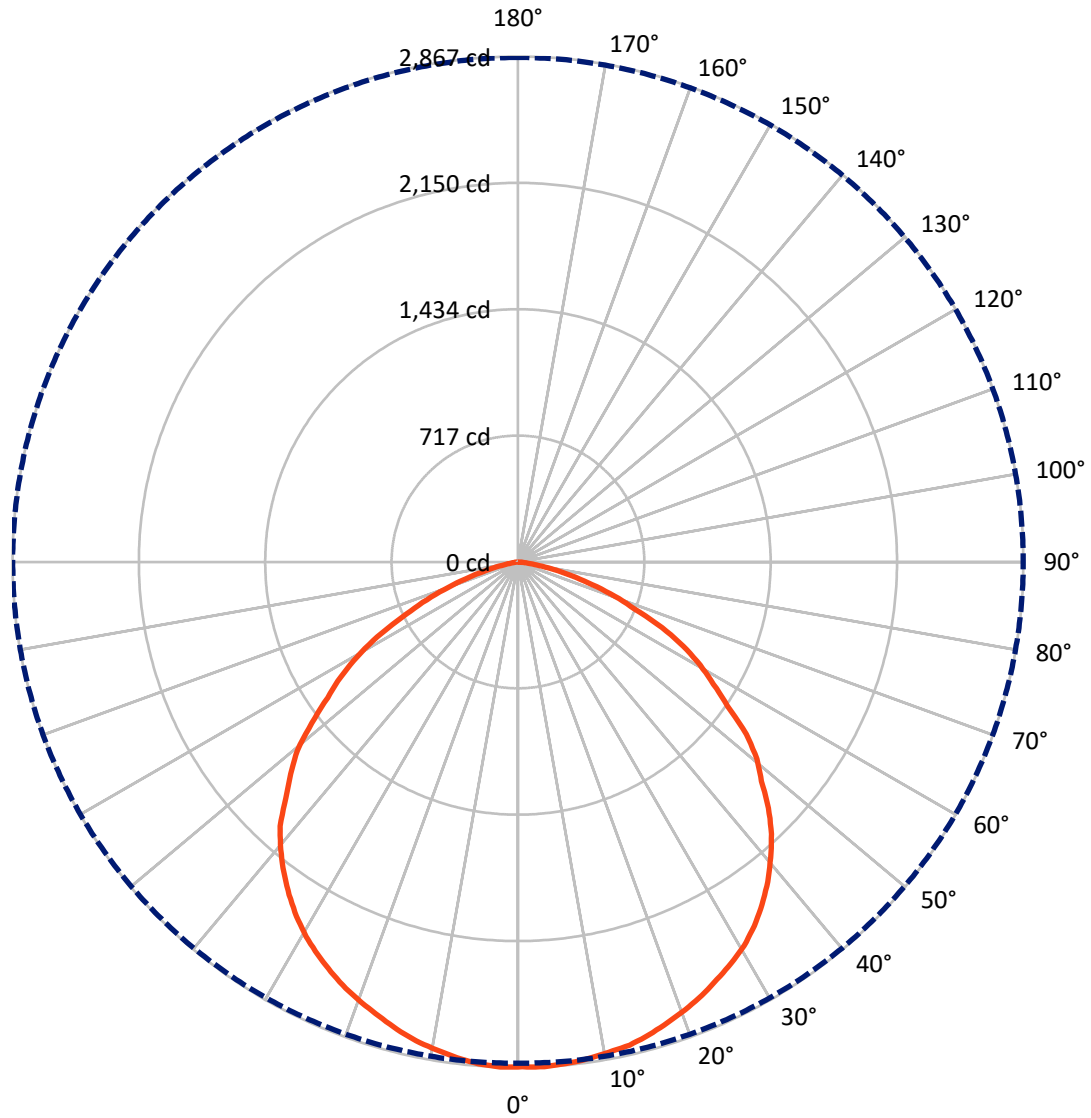
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 28.6 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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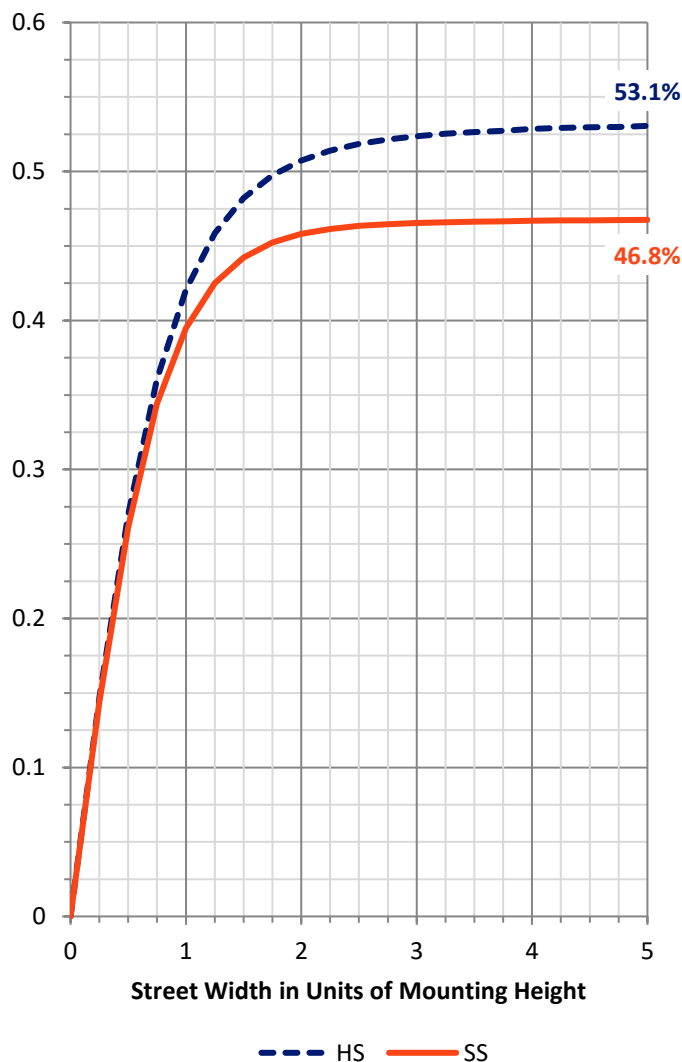
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3843.5	0.0	3843.5
	% Fixture	53.4	0.0	53.4
<b>Street Side</b>	Lumens	3357.9	0.0	3357.9
	% Fixture	46.6	0.0	46.6
<b>Total</b>	Lumens	7201.3	0.0	7201.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	270.7	3.8
10°-20°	774.7	10.8
20°-30°	1184.0	16.4
30°-40°	1436.7	20.0
40°-50°	1429.6	19.9
50°-60°	1151.9	16.0
60°-70°	691.6	9.6
70°-80°	233.7	3.2
80°-90°	28.3	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°	7201.3	100.0
0°-180°	7201.3	100.0

**Coefficient of Utilization**



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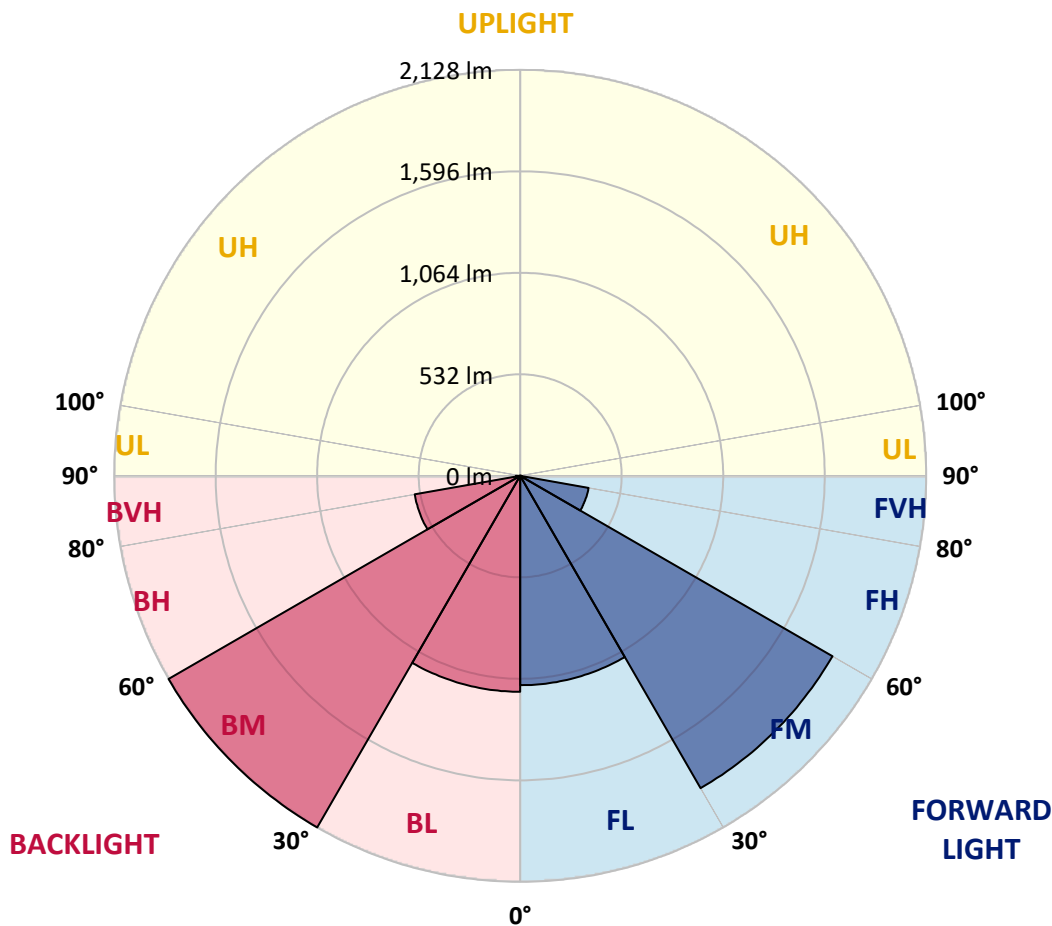
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1097.4	15.2			
FM (30°-60°)	1890.3	26.2			
FH (60°-80°)	363.9	5.1			G0/660
FVH (80°-90°)	6.3	0.1			G0/10
BL (0°-30°)	1132.0	15.7	B3/2500		
BM (30°-60°)	2128.0	29.6	B2/2500		
BH (60°-80°)	561.4	7.8	B2/1000		G0/660
BVH (80°-90°)	22.0	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°	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2
2.5°	2843.3	2847.1	2851.0	2855.4	2859.9	2863.1	2865.1	2866.5	2866.3	2866.2	2866.8
5°	2821.4	2825.1	2828.9	2834.8	2841.4	2846.9	2851.4	2855.2	2857.2	2859.2	2858.8
7.5°	2785.8	2789.2	2792.6	2800.2	2809.2	2817.9	2826.2	2833.7	2838.7	2843.7	2845.0
10°	2745.3	2748.2	2751.1	2760.0	2771.0	2782.6	2794.7	2805.6	2812.7	2819.8	2824.0
12.5°	2709.9	2712.4	2714.9	2723.4	2733.8	2747.1	2763.4	2777.8	2786.8	2795.8	2804.4
15°	2665.7	2669.3	2673.0	2684.0	2697.5	2711.2	2725.3	2738.6	2750.0	2761.3	2772.5
17.5°	2621.5	2624.1	2626.6	2638.4	2653.3	2667.3	2680.2	2694.3	2711.5	2728.7	2738.3
20°	2575.5	2578.7	2581.8	2594.1	2609.4	2623.7	2636.8	2652.2	2674.6	2697.0	2704.2
22.5°	2523.2	2528.1	2533.0	2544.7	2558.6	2573.8	2590.2	2608.3	2631.5	2654.8	2663.2
25°	2467.3	2472.4	2477.4	2488.2	2500.9	2516.6	2535.2	2555.3	2580.2	2605.0	2614.3
27.5°	2403.1	2410.9	2418.7	2430.5	2443.6	2459.8	2479.1	2500.3	2527.4	2554.5	2566.0
30°	2338.3	2346.9	2355.5	2368.1	2382.1	2398.9	2418.4	2440.4	2469.7	2499.0	2513.2
32.5°	2245.2	2261.8	2278.4	2295.3	2312.2	2330.1	2349.0	2370.5	2400.0	2429.6	2445.6
35°	2075.5	2118.5	2161.5	2195.1	2225.6	2250.2	2268.8	2290.5	2321.7	2352.9	2369.4
37.5°	1950.6	1973.3	1996.1	2054.4	2124.5	2168.1	2185.1	2206.1	2239.2	2272.2	2286.6
40°	1840.9	1857.4	1873.9	1940.3	2023.4	2074.2	2092.5	2115.0	2150.2	2185.4	2196.2
42.5°	1655.4	1704.6	1753.8	1824.5	1902.3	1956.5	1987.1	2015.8	2038.8	2061.8	2085.5
45°	1536.8	1558.8	1580.7	1647.8	1729.9	1793.0	1837.1	1877.2	1905.1	1933.0	1962.7
47.5°	1376.5	1418.0	1459.4	1525.3	1599.2	1662.2	1714.3	1762.5	1799.1	1835.6	1847.5
50°	1233.0	1269.4	1305.7	1382.4	1472.5	1544.4	1597.9	1646.2	1678.4	1710.6	1733.5
52.5°	1070.5	1111.4	1152.2	1219.2	1294.9	1365.1	1430.0	1483.7	1504.0	1524.3	1573.6
55°	931.6	958.5	985.4	1053.0	1134.2	1206.4	1269.7	1325.2	1357.4	1389.6	1416.0
57.5°	761.0	801.0	841.0	902.2	970.5	1046.6	1130.4	1200.4	1229.0	1257.6	1283.0
60°	608.8	647.1	685.3	741.1	802.6	881.6	977.9	1058.1	1090.3	1122.4	1155.2
62.5°	482.3	512.5	542.7	596.2	657.4	733.9	825.6	904.4	944.2	984.1	1018.5
65°	356.2	384.5	412.8	464.2	523.3	588.5	659.9	724.4	768.1	811.7	855.1
67.5°	243.0	266.1	289.3	334.3	386.6	449.3	522.6	587.5	627.7	667.8	691.2
70°	141.4	161.5	181.6	218.8	261.7	316.9	384.6	445.4	486.0	526.6	554.7
72.5°	104.0	107.4	110.8	136.4	169.5	212.7	265.9	314.2	347.6	381.1	411.1
75°	69.7	74.0	78.3	88.6	100.8	126.9	167.0	203.6	229.8	256.0	286.1
77.5°	40.9	44.4	47.9	53.2	59.1	73.7	97.1	119.4	138.2	157.1	184.6
80°	19.6	22.3	24.9	29.1	33.8	40.1	48.2	57.1	68.1	79.1	100.2
82.5°	6.5	7.8	9.1	11.6	14.5	17.7	21.2	24.9	29.7	34.4	47.0
85°	1.6	2.1	2.6	3.3	4.0	5.6	8.1	10.2	11.2	12.3	18.4
87.5°	1.4	1.3	1.2	1.3	1.5	1.9	2.3	2.8	3.7	4.7	8.1
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):**

	110°	120°	130°	140°	150°	160°	170°	180°
0°	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2	2864.2
2.5°	2867.3	2866.4	2865.0	2863.7	2862.5	2861.6	2861.8	2862.0
5°	2858.3	2859.4	2861.0	2862.2	2863.0	2863.8	2864.4	2865.1
7.5°	2846.3	2849.0	2852.2	2853.4	2852.6	2851.7	2850.3	2849.0
10°	2828.2	2831.1	2833.5	2833.3	2830.6	2828.4	2827.8	2827.3
12.5°	2812.9	2813.4	2811.2	2810.2	2810.6	2810.6	2809.6	2808.6
15°	2783.7	2786.3	2786.0	2786.0	2786.3	2785.6	2782.1	2778.6
17.5°	2747.9	2753.0	2756.6	2755.4	2749.6	2743.9	2738.8	2733.8
20°	2711.5	2717.8	2723.7	2720.4	2707.9	2697.1	2691.3	2685.6
22.5°	2671.6	2675.6	2678.2	2673.6	2661.9	2651.9	2647.0	2642.1
25°	2623.6	2624.2	2621.9	2618.1	2612.8	2607.1	2600.1	2593.2
27.5°	2577.6	2575.0	2567.7	2563.5	2562.6	2560.1	2552.9	2545.7
30°	2527.4	2524.2	2515.2	2510.2	2509.3	2507.6	2503.4	2499.2
32.5°	2461.6	2459.0	2450.1	2447.9	2452.3	2454.0	2447.5	2441.0
35°	2386.0	2386.1	2380.8	2381.0	2386.7	2389.1	2382.1	2375.1
37.5°	2301.1	2305.5	2306.6	2308.0	2309.9	2303.5	2272.6	2241.8
40°	2207.0	2214.7	2221.3	2212.6	2188.6	2161.2	2123.5	2085.9
42.5°	2109.3	2123.2	2133.8	2111.5	2056.5	2013.0	2004.5	1996.0
45°	1992.5	2015.2	2035.7	2019.2	1965.8	1920.3	1898.2	1876.1
47.5°	1859.4	1879.3	1901.8	1888.9	1840.7	1794.0	1751.8	1709.6
50°	1756.5	1758.0	1752.4	1724.9	1675.4	1635.3	1623.5	1611.6
52.5°	1623.0	1631.7	1626.8	1602.8	1559.8	1518.6	1483.2	1447.9
55°	1442.5	1462.2	1479.6	1458.8	1399.8	1349.5	1325.4	1301.4
57.5°	1308.4	1311.6	1307.3	1285.5	1246.2	1210.0	1183.1	1156.1
60°	1188.0	1189.6	1180.9	1153.2	1106.7	1066.0	1042.7	1019.5
62.5°	1052.9	1038.5	1007.8	979.7	954.2	927.4	896.4	865.4
65°	898.5	886.5	856.1	825.5	794.6	767.0	749.2	731.4
67.5°	714.5	709.5	694.9	675.8	652.1	629.0	607.8	586.6
70°	582.9	580.5	568.0	546.6	516.3	489.4	472.5	455.6
72.5°	441.1	440.7	430.1	412.6	388.1	365.0	346.1	327.3
75°	316.3	312.8	298.2	282.5	265.8	249.3	233.5	217.7
77.5°	212.2	210.8	199.8	185.1	166.8	150.7	141.2	131.8
80°	121.3	121.3	114.2	108.3	103.6	100.0	99.5	99.0
82.5°	59.6	62.7	62.6	64.0	67.0	69.0	68.1	67.3
85°	24.5	30.0	35.3	38.7	40.2	41.0	39.6	38.2
87.5°	11.6	14.3	16.6	18.1	18.7	19.1	18.8	18.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)