

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: P600764

Luminaire Tested: **ASWPLED2S-50W-4000K**

Issue Date: 7/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P600764  
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-4000K  
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE  
Light Source: (312) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7433 lumens  
Efficiency: N/A  
Efficacy: 148.1 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

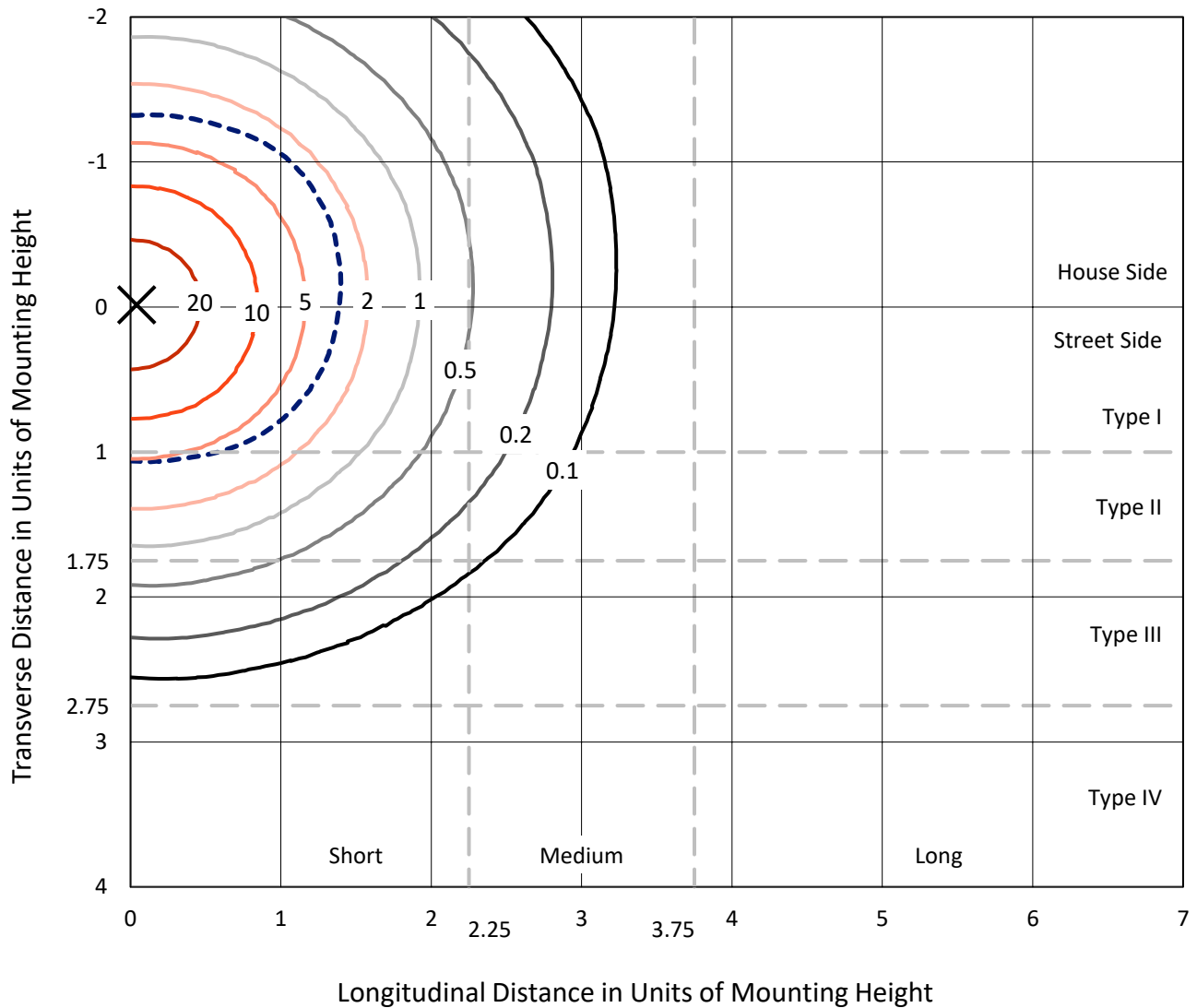
Input Watts (W): 50.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

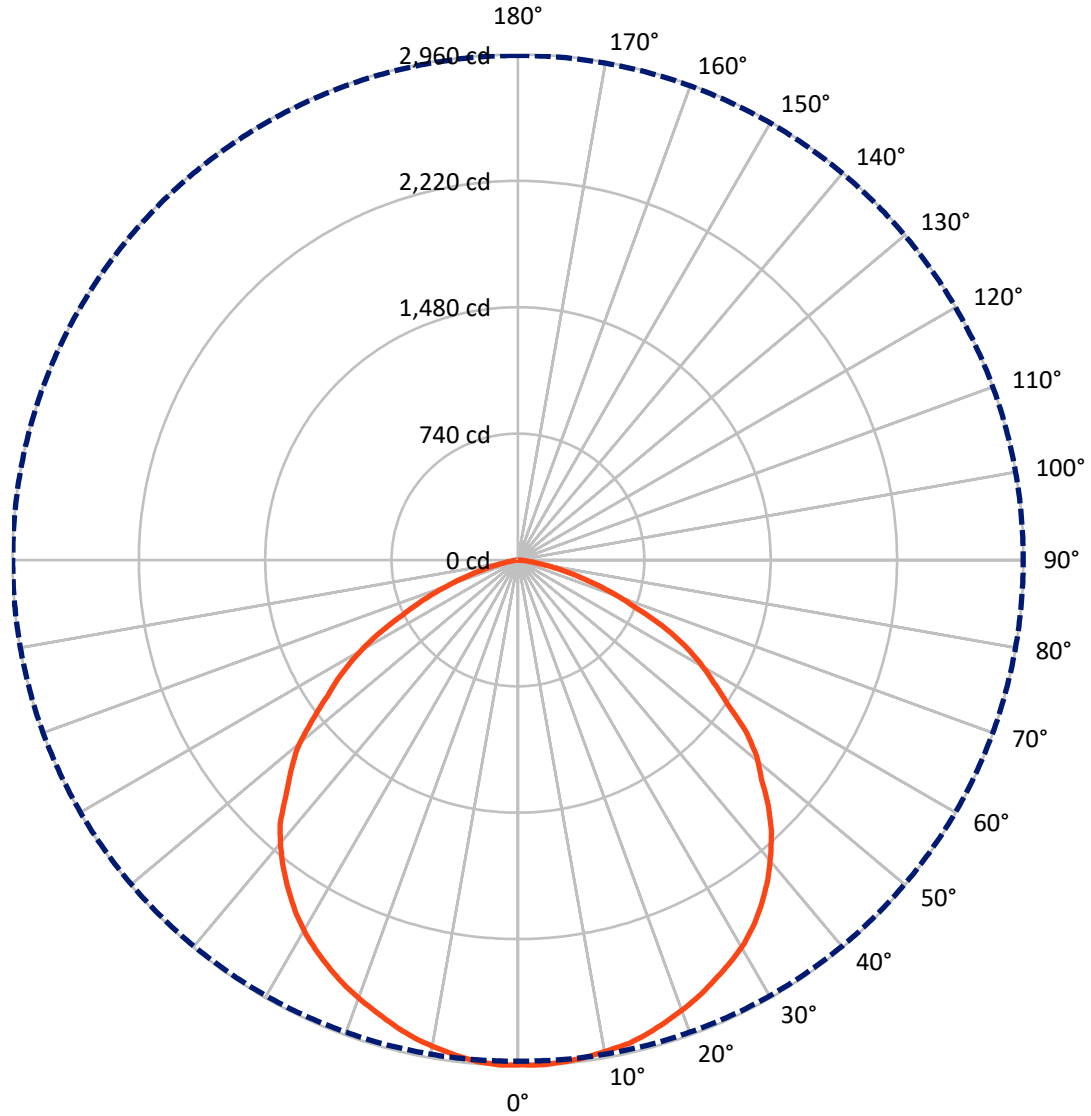
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 29.6 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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CATALOG NUMBER: ASWPLED2S-50W-4000K

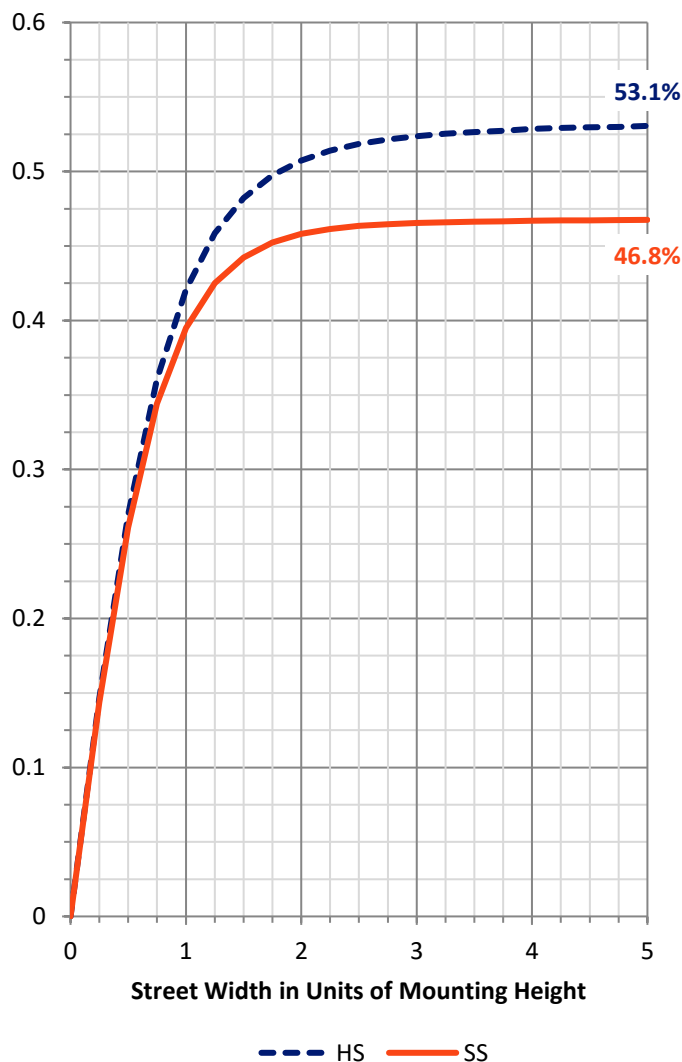
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3967.1	0.0	3967.1
	% Fixture	53.4	0.0	53.4
<b>Street Side</b>	Lumens	3465.9	0.0	3465.9
	% Fixture	46.6	0.0	46.6
<b>Total</b>	Lumens	7433.0	0.0	7433.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	279.4	3.8
10°-20°	799.6	10.8
20°-30°	1222.1	16.4
30°-40°	1483.0	20.0
40°-50°	1475.6	19.9
50°-60°	1189.0	16.0
60°-70°	713.9	9.6
70°-80°	241.2	3.2
80°-90°	29.2	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°	7433.0	100.0
0°-180°	7433.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P600764

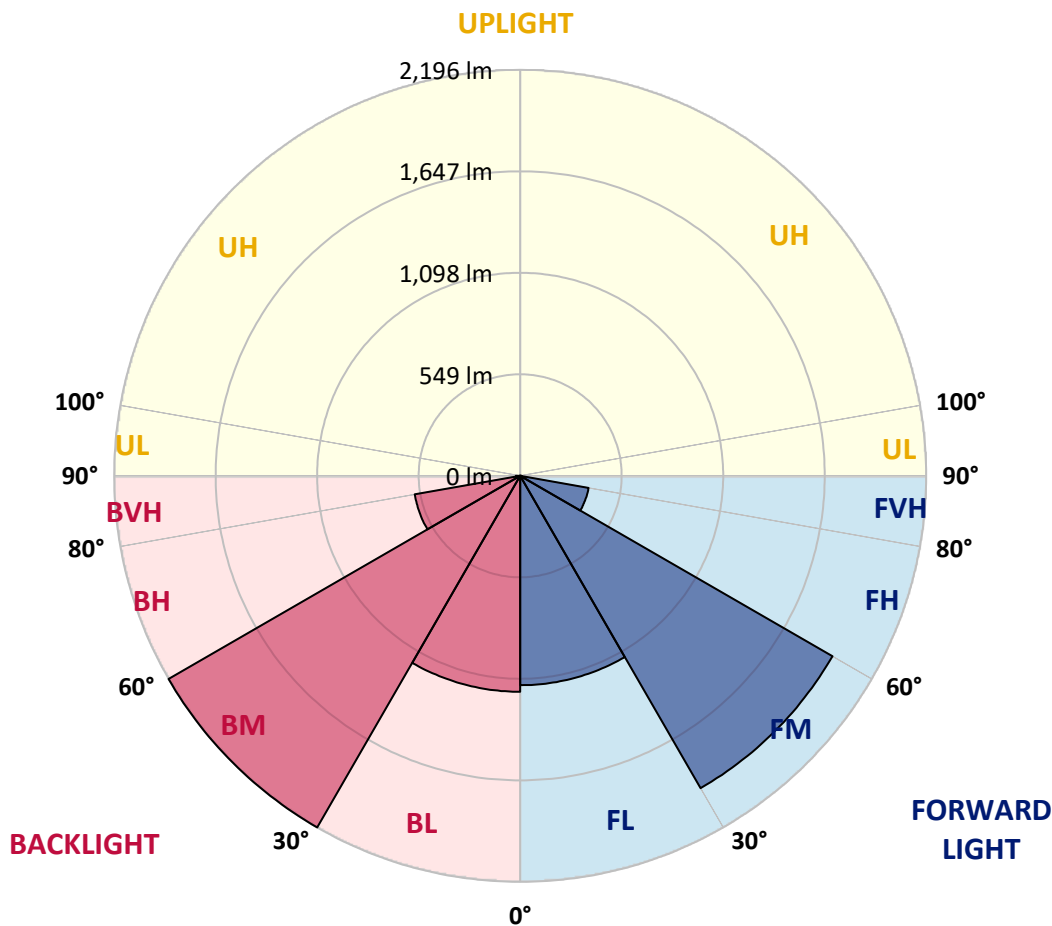
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1132.7	15.2			
FM (30°-60°)	1951.1	26.2			
FH (60°-80°)	375.6	5.1			G0/660
FVH (80°-90°)	6.5	0.1			G0/10
BL (0°-30°)	1168.4	15.7	B3/2500		
BM (30°-60°)	2196.5	29.6	B2/2500		
BH (60°-80°)	579.5	7.8	B2/1000		G0/660
BVH (80°-90°)	22.8	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°	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3
2.5°	2934.7	2938.7	2942.7	2947.2	2951.9	2955.2	2957.2	2958.6	2958.5	2958.4	2959.0
5°	2912.2	2916.0	2919.8	2925.9	2932.8	2938.5	2943.1	2947.1	2949.1	2951.1	2950.7
7.5°	2875.4	2878.9	2882.5	2890.3	2899.6	2908.5	2917.1	2924.8	2930.0	2935.2	2936.5
10°	2833.6	2836.6	2839.6	2848.9	2860.2	2872.1	2884.6	2895.8	2903.2	2910.5	2914.9
12.5°	2797.1	2799.7	2802.3	2811.0	2821.7	2835.5	2852.3	2867.2	2876.5	2885.8	2894.6
15°	2751.4	2755.2	2759.0	2770.3	2784.2	2798.4	2812.9	2826.7	2838.4	2850.1	2861.7
17.5°	2705.9	2708.5	2711.1	2723.3	2738.7	2753.1	2766.5	2780.9	2798.7	2816.4	2826.4
20°	2658.3	2661.5	2664.8	2677.5	2693.3	2708.0	2721.6	2737.6	2760.6	2783.7	2791.2
22.5°	2604.4	2609.4	2614.5	2626.5	2640.9	2656.6	2673.5	2692.1	2716.1	2740.1	2748.8
25°	2546.6	2551.8	2557.1	2568.2	2581.3	2597.5	2616.7	2637.5	2663.1	2688.7	2698.3
27.5°	2480.4	2488.4	2496.4	2508.6	2522.2	2538.9	2558.8	2580.7	2608.6	2636.6	2648.5
30°	2413.5	2422.4	2431.3	2444.3	2458.7	2476.0	2496.2	2518.9	2549.1	2579.4	2594.0
32.5°	2317.4	2334.6	2351.7	2369.1	2386.6	2405.0	2424.5	2446.8	2477.3	2507.8	2524.3
35°	2142.3	2186.7	2231.0	2265.7	2297.2	2322.6	2341.8	2364.2	2396.4	2428.6	2445.7
37.5°	2013.4	2036.8	2060.3	2120.5	2192.8	2237.8	2255.4	2277.1	2311.2	2345.3	2360.2
40°	1900.1	1917.1	1934.1	2002.7	2088.5	2140.8	2159.7	2183.0	2219.3	2255.7	2266.9
42.5°	1708.7	1759.5	1810.3	1883.2	1963.5	2019.4	2051.0	2080.6	2104.3	2128.1	2152.6
45°	1586.2	1608.9	1631.6	1700.9	1785.6	1850.8	1896.3	1937.6	1966.3	1995.1	2025.8
47.5°	1420.8	1463.6	1506.4	1574.3	1650.6	1715.7	1769.4	1819.2	1856.9	1894.7	1906.9
50°	1272.6	1310.2	1347.7	1426.9	1519.9	1594.0	1649.3	1699.1	1732.4	1765.6	1789.3
52.5°	1104.9	1147.1	1189.3	1258.4	1336.5	1409.0	1476.0	1531.4	1552.4	1573.3	1624.2
55°	961.6	989.3	1017.1	1086.9	1170.7	1245.3	1310.6	1367.9	1401.1	1434.3	1461.6
57.5°	785.5	826.8	868.0	931.2	1001.8	1080.3	1166.7	1239.0	1268.5	1298.0	1324.3
60°	628.4	667.9	707.3	764.9	828.5	910.0	1009.4	1092.2	1125.3	1158.5	1192.4
62.5°	497.9	529.0	560.2	615.4	678.6	757.5	852.2	933.5	974.6	1015.8	1051.3
65°	367.7	396.9	426.1	479.1	540.1	607.5	681.2	747.8	792.8	837.8	882.6
67.5°	250.8	274.7	298.6	345.0	399.0	463.8	539.4	606.5	647.9	689.3	713.4
70°	146.0	166.7	187.4	225.8	270.1	327.1	396.9	459.8	501.6	543.5	572.5
72.5°	107.4	110.8	114.3	140.8	175.0	219.6	274.5	324.3	358.8	393.3	424.3
75°	71.9	76.3	80.8	91.4	104.0	131.0	172.4	210.2	237.2	264.2	295.3
77.5°	42.2	45.8	49.4	54.9	60.9	76.1	100.3	123.3	142.7	162.2	190.6
80°	20.2	23.0	25.7	30.0	34.9	41.5	49.8	58.8	70.2	81.6	103.4
82.5°	6.7	8.0	9.4	12.0	15.0	18.3	21.9	25.8	30.6	35.5	48.5
85°	1.7	2.2	2.7	3.4	4.1	5.8	8.4	10.6	11.6	12.7	19.0
87.5°	1.4	1.3	1.2	1.4	1.6	2.0	2.4	2.9	3.8	4.8	8.4
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):**

	110°	120°	130°	140°	150°	160°	170°	180°
0°	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3	2956.3
2.5°	2959.6	2958.6	2957.2	2955.8	2954.6	2953.7	2953.9	2954.1
5°	2950.2	2951.3	2953.0	2954.2	2955.1	2955.9	2956.6	2957.3
7.5°	2937.9	2940.7	2943.9	2945.2	2944.4	2943.4	2942.1	2940.7
10°	2919.2	2922.2	2924.7	2924.5	2921.6	2919.3	2918.7	2918.2
12.5°	2903.4	2903.8	2901.5	2900.6	2901.0	2901.0	2900.0	2899.0
15°	2873.2	2875.9	2875.6	2875.6	2875.9	2875.2	2871.5	2867.9
17.5°	2836.3	2841.6	2845.3	2844.1	2838.0	2832.1	2826.9	2821.7
20°	2798.7	2805.2	2811.3	2807.9	2795.0	2783.8	2777.9	2772.0
22.5°	2757.5	2761.7	2764.4	2759.7	2747.6	2737.2	2732.2	2727.1
25°	2708.0	2708.6	2706.3	2702.3	2696.8	2690.9	2683.8	2676.6
27.5°	2660.5	2657.8	2650.2	2645.9	2645.0	2642.4	2635.0	2627.5
30°	2608.6	2605.4	2596.1	2591.0	2590.0	2588.1	2583.9	2579.6
32.5°	2540.8	2538.1	2528.9	2526.6	2531.2	2532.9	2526.2	2519.5
35°	2462.7	2462.9	2457.4	2457.6	2463.4	2466.0	2458.7	2451.5
37.5°	2375.1	2379.6	2380.7	2382.3	2384.2	2377.6	2345.7	2313.9
40°	2278.0	2285.9	2292.8	2283.8	2259.0	2230.7	2191.8	2153.0
42.5°	2177.1	2191.5	2202.4	2179.4	2122.6	2077.8	2068.9	2060.1
45°	2056.5	2080.0	2101.1	2084.1	2029.0	1982.0	1959.2	1936.4
47.5°	1919.2	1939.7	1963.0	1949.7	1899.9	1851.7	1808.1	1764.6
50°	1813.0	1814.6	1808.8	1780.4	1729.3	1687.9	1675.7	1663.4
52.5°	1675.2	1684.1	1679.1	1654.4	1609.9	1567.5	1530.9	1494.4
55°	1488.9	1509.2	1527.2	1505.7	1444.8	1392.9	1368.1	1343.3
57.5°	1350.5	1353.8	1349.4	1326.9	1286.3	1248.9	1221.1	1193.3
60°	1226.2	1227.9	1218.8	1190.3	1142.3	1100.3	1076.3	1052.3
62.5°	1086.8	1071.9	1040.2	1011.2	984.9	957.2	925.2	893.3
65°	927.4	915.1	883.7	852.0	820.1	791.6	773.3	754.9
67.5°	737.5	732.3	717.3	697.5	673.0	649.2	627.3	605.5
70°	601.5	599.1	586.2	564.2	532.9	505.1	487.7	470.2
72.5°	455.3	454.9	444.0	425.9	400.6	376.7	357.3	337.8
75°	326.4	322.9	307.8	291.7	274.4	257.3	241.0	224.7
77.5°	219.0	217.6	206.2	191.1	172.2	155.5	145.7	136.0
80°	125.2	125.2	117.9	111.8	107.0	103.3	102.7	102.2
82.5°	61.5	64.7	64.5	66.0	69.1	71.2	70.3	69.4
85°	25.2	30.9	36.4	40.0	41.5	42.3	40.9	39.5
87.5°	12.0	14.7	17.1	18.7	19.3	19.7	19.4	19.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)