

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: P600763

Luminaire Tested: **ASWPLED2S-50W-3000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600763
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-3000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (312) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6964.7 lumens
Efficiency: N/A
Efficacy: 138.7 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

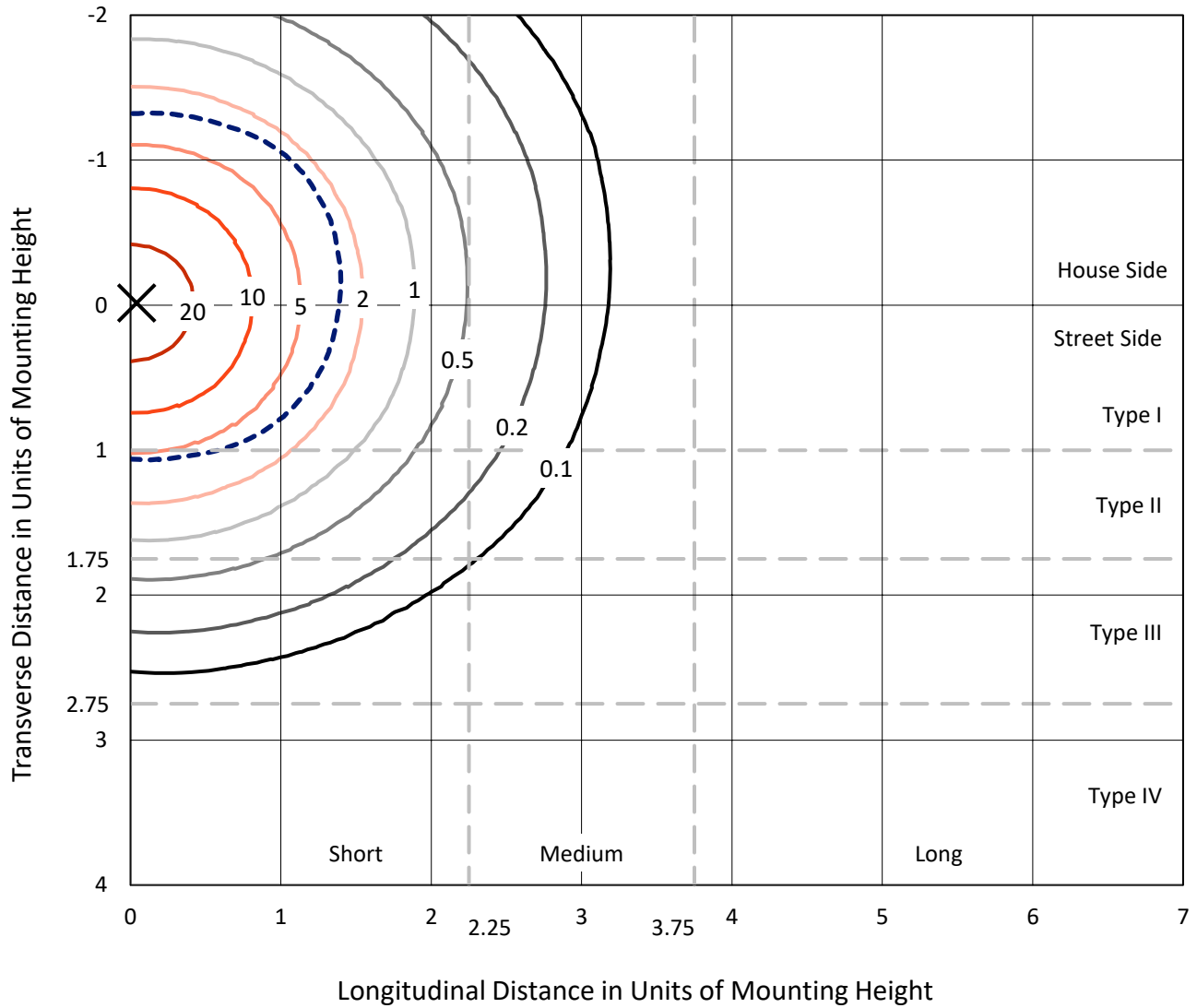
Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

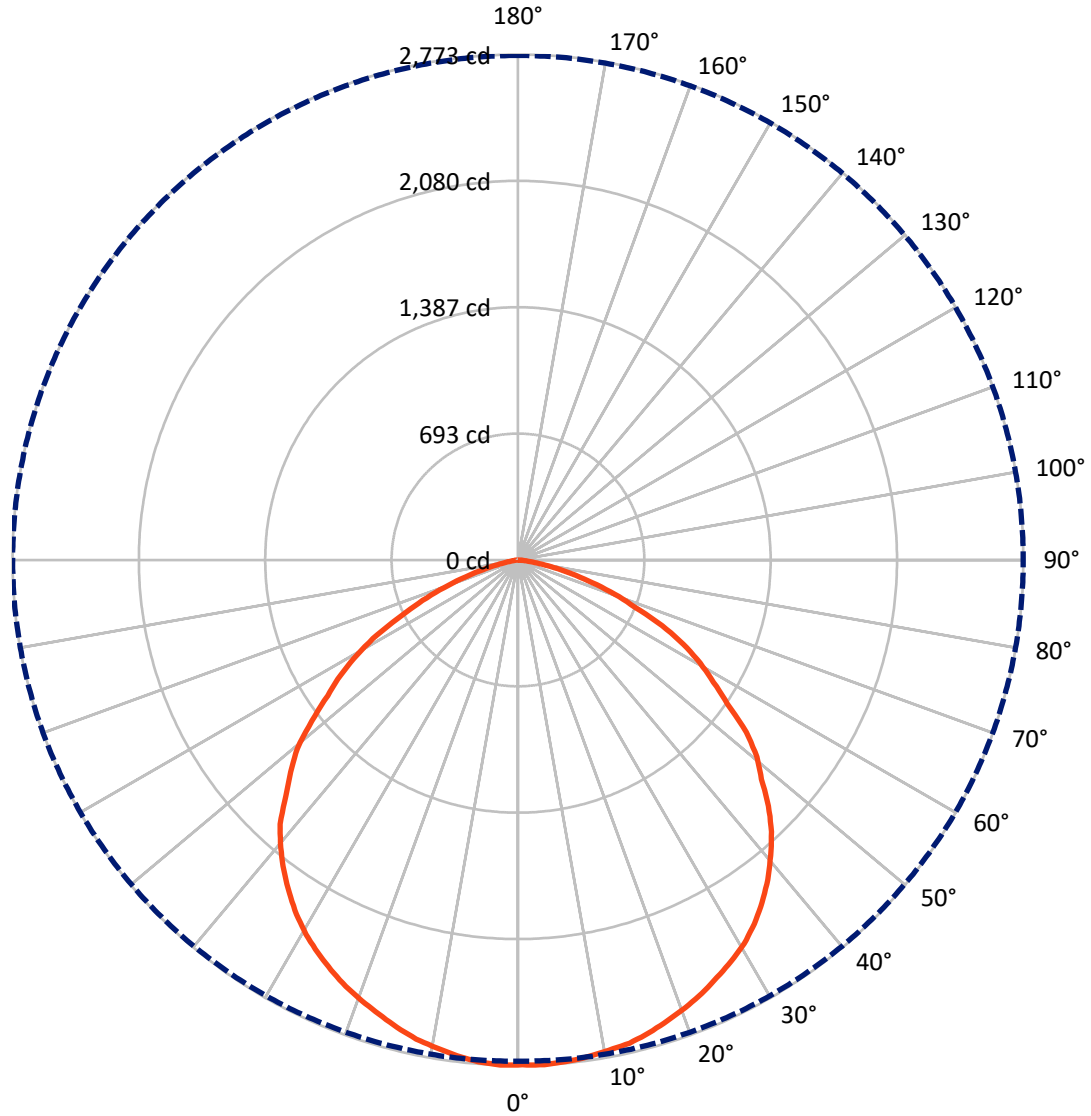
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 27.7 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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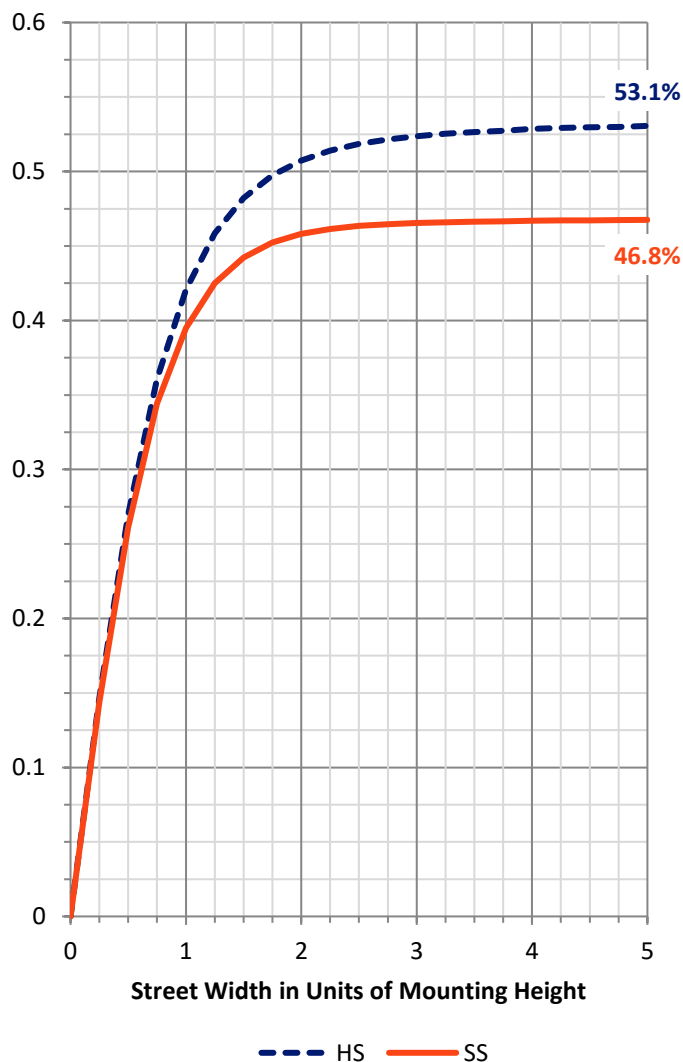
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3717.2	0.0	3717.2
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	3247.5	0.0	3247.5
	% Fixture	46.6	0.0	46.6
Total	Lumens	6964.7	0.0	6964.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	261.8	3.8
10°-20°	749.2	10.8
20°-30°	1145.1	16.4
30°-40°	1389.5	20.0
40°-50°	1382.7	19.9
50°-60°	1114.1	16.0
60°-70°	668.9	9.6
70°-80°	226.0	3.2
80°-90°	27.4	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°	6964.7	100.0
0°-180°	6964.7	100.0

Coefficient of Utilization



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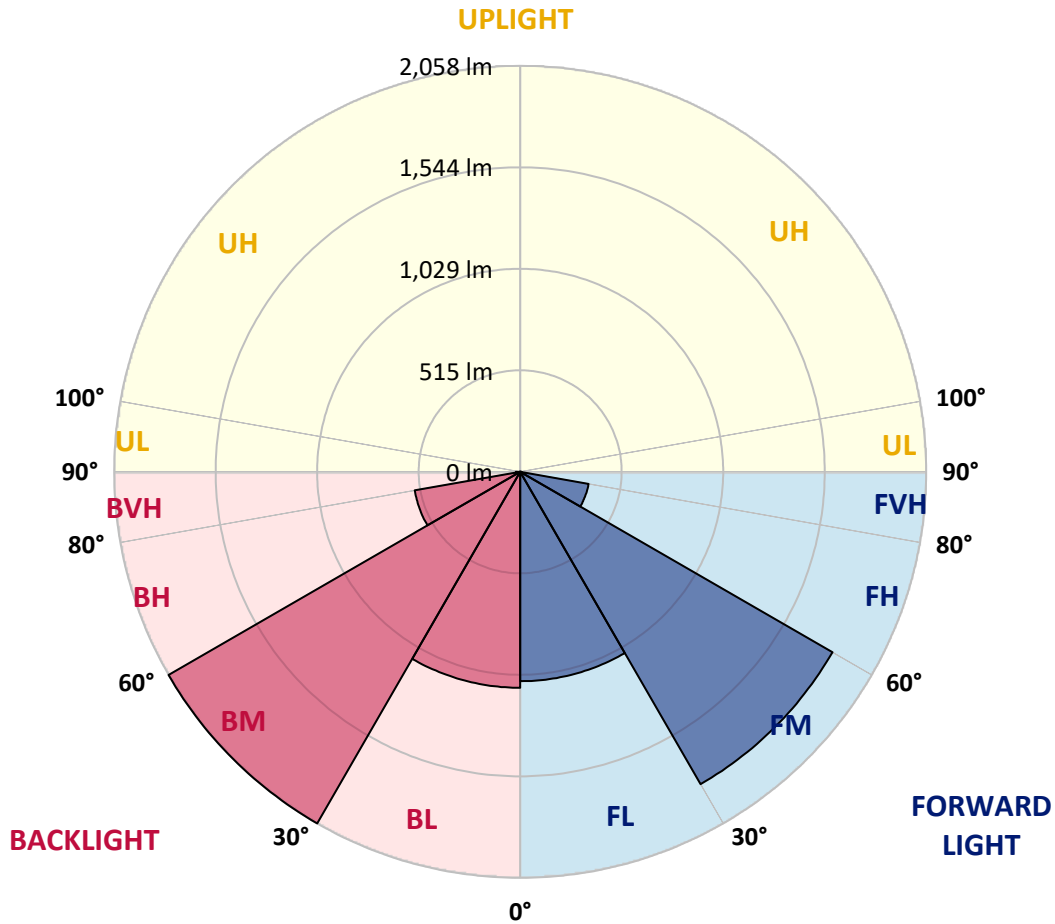
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1061.3	15.2			
FM (30°-60°)	1828.2	26.2			
FH (60°-80°)	351.9	5.1			G0/660
FVH (80°-90°)	6.1	0.1			G0/10
BL (0°-30°)	1094.8	15.7	B3/2500		
BM (30°-60°)	2058.1	29.6	B2/2500		
BH (60°-80°)	543.0	7.8	B2/1000		G0/660
BVH (80°-90°)	21.3	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°	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0
2.5°	2749.9	2753.6	2757.3	2761.5	2765.9	2769.0	2770.9	2772.3	2772.2	2772.1	2772.6
5°	2728.7	2732.3	2735.9	2741.6	2748.0	2753.4	2757.7	2761.4	2763.3	2765.2	2764.8
7.5°	2694.2	2697.6	2700.9	2708.2	2716.9	2725.2	2733.3	2740.6	2745.4	2750.3	2751.5
10°	2655.1	2657.9	2660.7	2669.3	2679.9	2691.1	2702.9	2713.4	2720.3	2727.1	2731.2
12.5°	2620.9	2623.3	2625.7	2633.9	2644.0	2656.9	2672.6	2686.6	2695.3	2704.0	2712.2
15°	2578.1	2581.6	2585.1	2595.8	2608.8	2622.1	2635.7	2648.6	2659.6	2670.6	2681.4
17.5°	2535.4	2537.8	2540.3	2551.7	2566.1	2579.6	2592.2	2605.8	2622.4	2639.0	2648.3
20°	2490.8	2493.9	2496.9	2508.8	2523.7	2537.5	2550.2	2565.1	2586.7	2608.3	2615.3
22.5°	2440.3	2445.1	2449.8	2461.1	2474.5	2489.2	2505.0	2522.5	2545.0	2567.5	2575.6
25°	2386.2	2391.1	2396.0	2406.4	2418.7	2433.9	2451.8	2471.3	2495.4	2519.4	2528.4
27.5°	2324.2	2331.7	2339.2	2350.6	2363.3	2379.0	2397.6	2418.1	2444.3	2470.5	2481.7
30°	2261.5	2269.8	2278.1	2290.3	2303.8	2320.0	2338.9	2360.2	2388.5	2416.9	2430.6
32.5°	2171.4	2187.5	2203.6	2219.9	2236.2	2253.5	2271.8	2292.6	2321.2	2349.8	2365.3
35°	2007.3	2048.9	2090.4	2123.0	2152.5	2176.3	2194.2	2215.2	2245.4	2275.6	2291.6
37.5°	1886.5	1908.5	1930.5	1986.9	2054.7	2096.8	2113.3	2133.6	2165.6	2197.6	2211.5
40°	1780.4	1796.4	1812.3	1876.6	1956.9	2006.0	2023.7	2045.5	2079.6	2113.6	2124.0
42.5°	1601.0	1648.6	1696.2	1764.5	1839.8	1892.2	1921.8	1949.6	1971.8	1994.0	2017.0
45°	1486.3	1507.5	1528.8	1593.7	1673.1	1734.1	1776.8	1815.5	1842.5	1869.4	1898.2
47.5°	1331.3	1371.4	1411.5	1475.1	1546.6	1607.6	1658.0	1704.6	1739.9	1775.3	1786.8
50°	1192.4	1227.6	1262.8	1337.0	1424.1	1493.6	1545.4	1592.0	1623.2	1654.4	1676.6
52.5°	1035.4	1074.9	1114.4	1179.1	1252.3	1320.3	1383.0	1435.0	1454.6	1474.2	1521.9
55°	901.0	927.0	953.0	1018.4	1096.9	1166.8	1228.0	1281.7	1312.8	1344.0	1369.5
57.5°	736.0	774.7	813.3	872.6	938.7	1012.2	1093.2	1160.9	1188.6	1216.3	1240.9
60°	588.8	625.8	662.8	716.7	776.3	852.7	945.8	1023.4	1054.4	1085.5	1117.2
62.5°	466.5	495.7	524.9	576.6	635.8	709.8	798.5	874.6	913.2	951.8	985.0
65°	344.5	371.9	399.3	449.0	506.1	569.2	638.3	700.6	742.8	785.0	827.0
67.5°	235.1	257.4	279.8	323.3	373.9	434.6	505.5	568.3	607.1	645.9	668.5
70°	136.8	156.2	175.6	211.6	253.1	306.5	371.9	430.8	470.1	509.3	536.5
72.5°	100.6	103.9	107.1	132.0	164.0	205.8	257.2	303.8	336.2	368.6	397.6
75°	67.4	71.6	75.8	85.6	97.4	122.7	161.6	197.0	222.3	247.6	276.7
77.5°	39.5	42.9	46.3	51.4	57.1	71.3	93.9	115.5	133.7	152.0	178.6
80°	18.9	21.5	24.1	28.2	32.7	38.9	46.7	55.2	65.8	76.5	96.9
82.5°	6.3	7.5	8.7	11.2	14.0	17.1	20.5	24.1	28.7	33.3	45.5
85°	1.6	2.0	2.5	3.2	3.9	5.5	7.8	9.9	10.9	11.9	17.8
87.5°	1.3	1.2	1.1	1.3	1.5	1.8	2.2	2.7	3.6	4.5	7.9
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°	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0	2770.0
2.5°	2773.1	2772.2	2770.8	2769.6	2768.5	2767.6	2767.8	2768.0
5°	2764.4	2765.4	2766.9	2768.1	2768.9	2769.7	2770.3	2771.0
7.5°	2752.8	2755.4	2758.5	2759.6	2758.9	2758.0	2756.7	2755.4
10°	2735.3	2738.1	2740.4	2740.2	2737.5	2735.4	2734.9	2734.4
12.5°	2720.5	2720.9	2718.7	2717.9	2718.3	2718.3	2717.3	2716.3
15°	2692.2	2694.7	2694.4	2694.4	2694.7	2694.1	2690.7	2687.3
17.5°	2657.6	2662.6	2666.0	2664.9	2659.2	2653.7	2648.8	2643.9
20°	2622.3	2628.4	2634.2	2631.0	2618.9	2608.4	2602.9	2597.4
22.5°	2583.8	2587.7	2590.2	2585.8	2574.5	2564.8	2560.0	2555.3
25°	2537.4	2538.0	2535.8	2532.1	2526.9	2521.3	2514.7	2508.0
27.5°	2492.9	2490.4	2483.3	2479.2	2478.3	2475.9	2468.9	2462.0
30°	2444.3	2441.2	2432.5	2427.7	2426.8	2425.1	2421.1	2417.1
32.5°	2380.8	2378.2	2369.6	2367.5	2371.8	2373.4	2367.1	2360.8
35°	2307.6	2307.8	2302.7	2302.8	2308.2	2310.6	2303.9	2297.1
37.5°	2225.5	2229.7	2230.8	2232.2	2234.0	2227.8	2198.0	2168.1
40°	2134.5	2141.9	2148.3	2139.9	2116.6	2090.1	2053.7	2017.3
42.5°	2040.0	2053.4	2063.6	2042.1	1988.9	1946.9	1938.6	1930.4
45°	1926.9	1949.0	1968.8	1952.9	1901.2	1857.2	1835.8	1814.4
47.5°	1798.3	1817.5	1839.3	1826.9	1780.2	1735.0	1694.2	1653.4
50°	1698.8	1700.2	1694.8	1668.2	1620.4	1581.6	1570.1	1558.6
52.5°	1569.6	1578.0	1573.3	1550.1	1508.5	1468.7	1434.5	1400.3
55°	1395.0	1414.1	1431.0	1410.9	1353.8	1305.2	1281.9	1258.7
57.5°	1265.5	1268.5	1264.4	1243.3	1205.3	1170.3	1144.2	1118.0
60°	1149.0	1150.5	1142.0	1115.3	1070.3	1031.0	1008.5	986.0
62.5°	1018.3	1004.4	974.7	947.5	922.9	896.9	867.0	837.0
65°	868.9	857.4	828.0	798.3	768.4	741.7	724.5	707.3
67.5°	691.1	686.2	672.1	653.6	630.7	608.3	587.8	567.3
70°	563.7	561.4	549.3	528.7	499.4	473.3	457.0	440.6
72.5°	426.6	426.2	416.0	399.0	375.3	353.0	334.7	316.5
75°	305.8	302.5	288.4	273.3	257.1	241.2	225.8	210.5
77.5°	205.2	203.9	193.2	179.0	161.3	145.7	136.6	127.4
80°	117.4	117.3	110.4	104.7	100.2	96.7	96.2	95.8
82.5°	57.7	60.6	60.5	61.9	64.8	66.7	65.9	65.1
85°	23.6	29.0	34.1	37.4	38.8	39.6	38.3	37.0
87.5°	11.2	13.8	16.1	17.5	18.1	18.5	18.2	17.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)