

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: P600766

Luminaire Tested: **ASWPLED2S-60W-3000K**

Issue Date: 7/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P600766  
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-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: 8142.9 lumens  
Efficiency: N/A  
Efficacy: 134.8 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

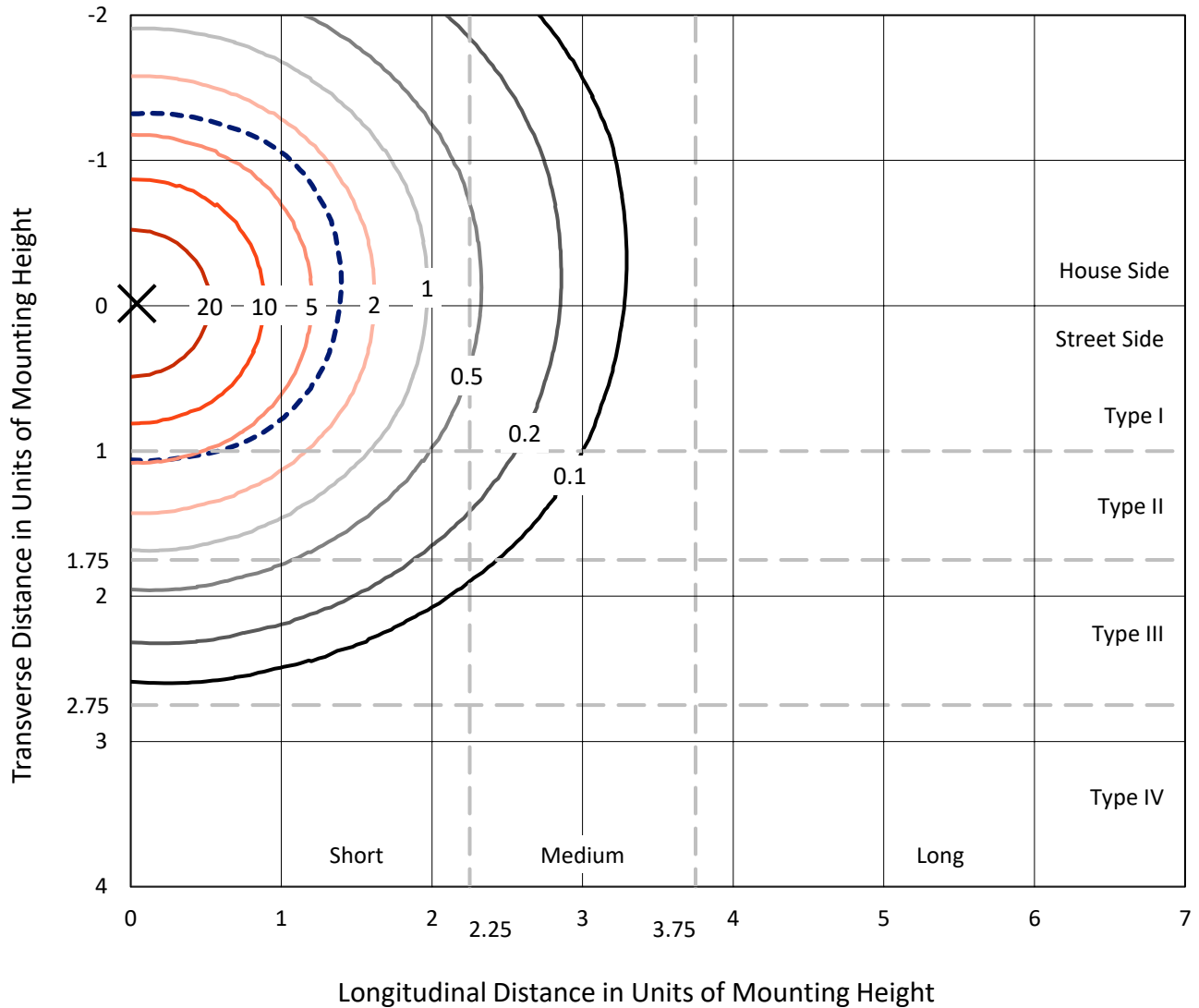
Input Watts (W): 60.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

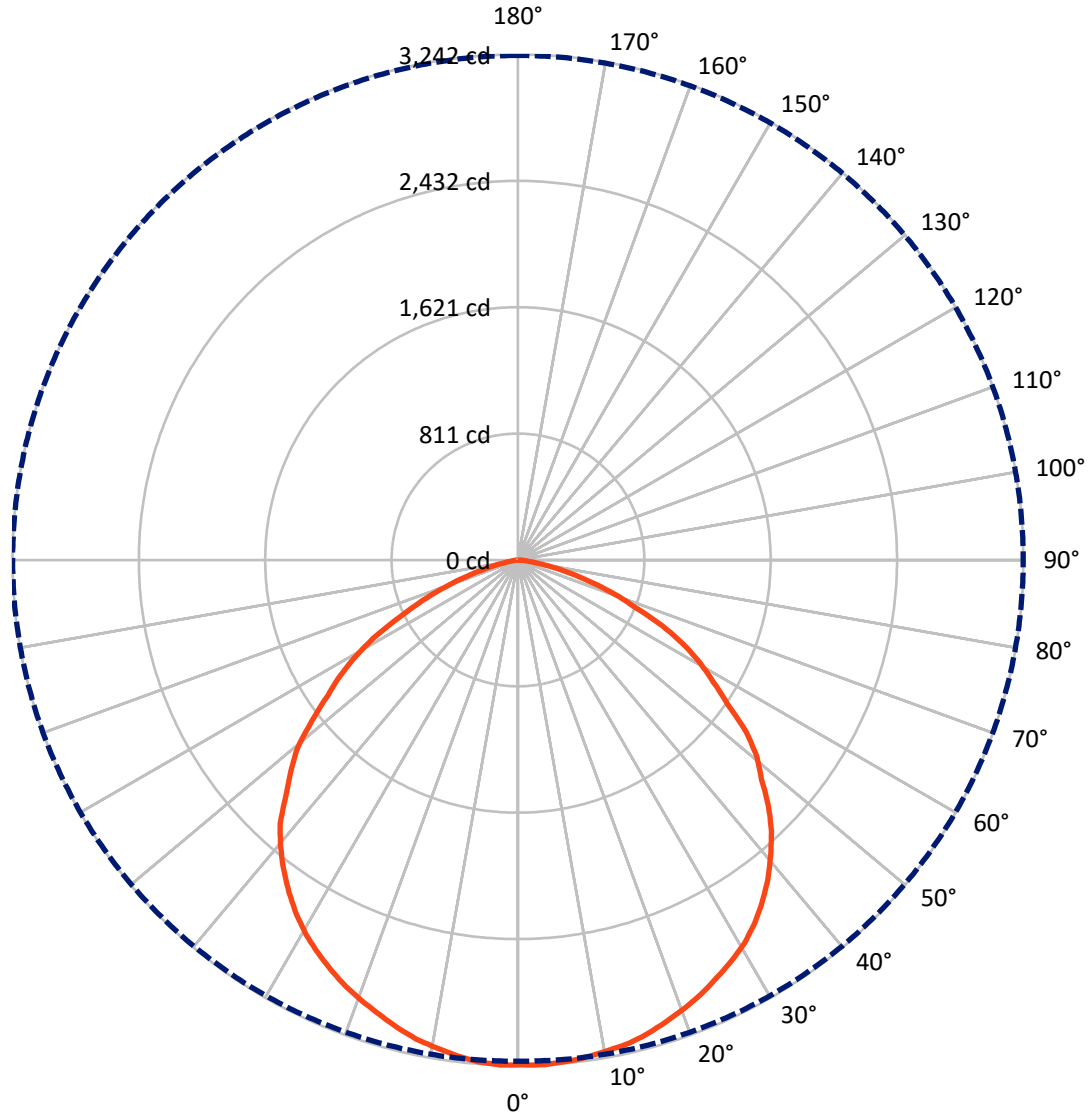
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 32.4 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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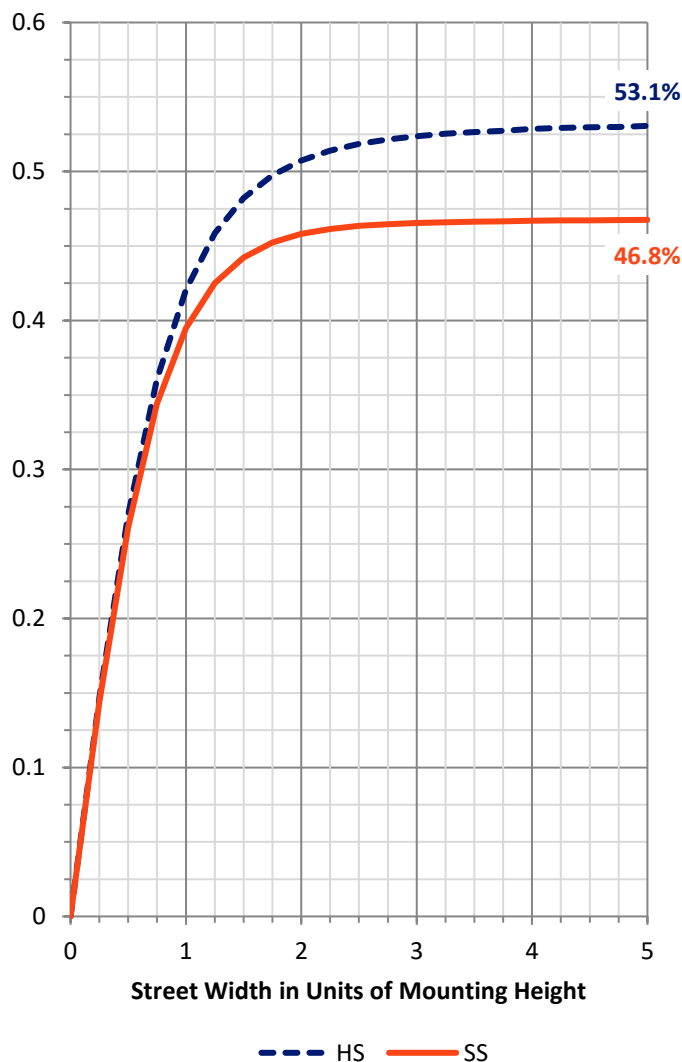
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4346.0	0.0	4346.0
	% Fixture	53.4	0.0	53.4
<b>Street Side</b>	Lumens	3796.9	0.0	3796.9
	% Fixture	46.6	0.0	46.6
<b>Total</b>	Lumens	8142.9	0.0	8142.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	306.0	3.8
10°-20°	876.0	10.8
20°-30°	1338.8	16.4
30°-40°	1624.6	20.0
40°-50°	1616.6	19.9
50°-60°	1302.5	16.0
60°-70°	782.0	9.6
70°-80°	264.3	3.2
80°-90°	32.0	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°	8142.9	100.0
0°-180°	8142.9	100.0

**Coefficient of Utilization**



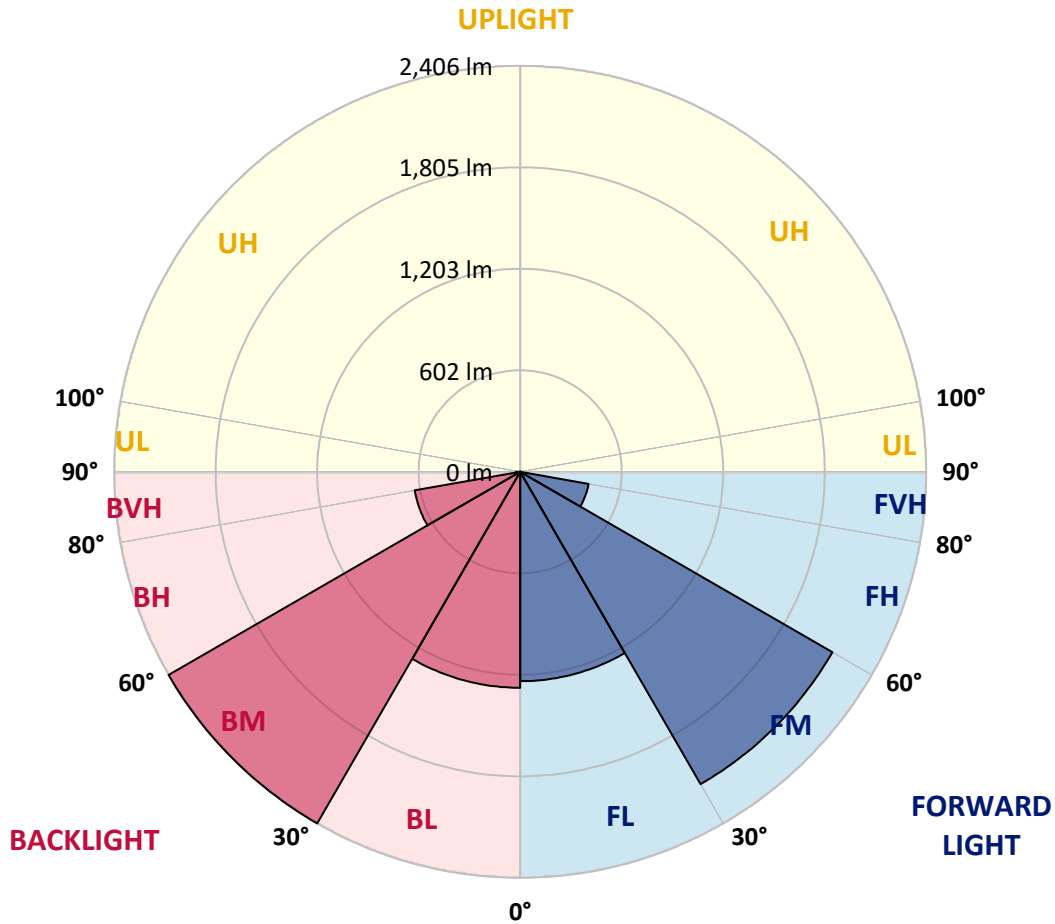
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1240.9	15.2			
FM (30°-60°)	2137.5	26.2			
FH (60°-80°)	411.5	5.1			G0/660
FVH (80°-90°)	7.1	0.1			G0/10
BL (0°-30°)	1280.0	15.7	B3/2500		
BM (30°-60°)	2406.3	29.6	B2/2500		
BH (60°-80°)	634.8	7.8	B2/1000		G0/660
BVH (80°-90°)	24.9	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°	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6
2.5°	3215.1	3219.4	3223.8	3228.7	3233.8	3237.5	3239.7	3241.3	3241.1	3241.0	3241.6
5°	3190.3	3194.5	3198.7	3205.4	3212.9	3219.1	3224.2	3228.6	3230.8	3233.0	3232.5
7.5°	3150.0	3153.9	3157.8	3166.4	3176.5	3186.3	3195.7	3204.2	3209.9	3215.6	3217.0
10°	3104.3	3107.6	3110.9	3121.0	3133.3	3146.4	3160.1	3172.4	3180.5	3188.5	3193.3
12.5°	3064.3	3067.1	3069.9	3079.4	3091.2	3106.4	3124.8	3141.1	3151.2	3161.4	3171.0
15°	3014.2	3018.3	3022.5	3034.9	3050.2	3065.7	3081.6	3096.7	3109.6	3122.4	3135.0
17.5°	2964.3	2967.1	2970.0	2983.4	3000.3	3016.1	3030.7	3046.6	3066.0	3085.4	3096.3
20°	2912.2	2915.8	2919.3	2933.2	2950.5	2966.6	2981.5	2999.0	3024.3	3049.6	3057.8
22.5°	2853.2	2858.7	2864.2	2877.4	2893.1	2910.3	2928.8	2949.3	2975.6	3001.9	3011.4
25°	2789.9	2795.6	2801.4	2813.6	2827.9	2845.6	2866.6	2889.4	2917.5	2945.6	2956.1
27.5°	2717.4	2726.1	2734.9	2748.3	2763.1	2781.4	2803.2	2827.2	2857.8	2888.5	2901.5
30°	2644.0	2653.7	2663.5	2677.7	2693.5	2712.5	2734.6	2759.5	2792.6	2825.7	2841.7
32.5°	2538.8	2557.6	2576.4	2595.4	2614.5	2634.8	2656.1	2680.5	2713.9	2747.3	2765.4
35°	2346.9	2395.5	2444.1	2482.1	2516.6	2544.4	2565.4	2590.0	2625.3	2660.6	2679.3
37.5°	2205.7	2231.4	2257.1	2323.0	2402.3	2451.6	2470.8	2494.5	2531.9	2569.3	2585.6
40°	2081.6	2100.2	2118.8	2194.0	2288.0	2345.4	2366.1	2391.6	2431.4	2471.2	2483.4
42.5°	1871.9	1927.5	1983.1	2063.0	2151.0	2212.3	2246.9	2279.3	2305.3	2331.4	2358.2
45°	1737.7	1762.5	1787.4	1863.2	1956.1	2027.5	2077.4	2122.7	2154.2	2185.7	2219.3
47.5°	1556.5	1603.4	1650.3	1724.7	1808.3	1879.5	1938.4	1992.9	2034.3	2075.7	2089.1
50°	1394.2	1435.3	1476.4	1563.1	1665.0	1746.3	1806.8	1861.3	1897.8	1934.2	1960.2
52.5°	1210.5	1256.7	1302.9	1378.6	1464.2	1543.6	1617.0	1677.7	1700.6	1723.6	1779.4
55°	1053.5	1083.9	1114.3	1190.7	1282.5	1364.2	1435.7	1498.5	1534.9	1571.3	1601.2
57.5°	860.5	905.7	950.9	1020.2	1097.5	1183.5	1278.2	1357.3	1389.7	1422.0	1450.8
60°	688.4	731.6	774.9	837.9	907.6	996.8	1105.7	1196.5	1232.8	1269.1	1306.2
62.5°	545.4	579.6	613.7	674.2	743.4	829.9	933.6	1022.6	1067.7	1112.8	1151.6
65°	402.8	434.8	466.8	524.9	591.7	665.5	746.2	819.1	868.5	917.8	966.9
67.5°	274.8	300.9	327.1	378.0	437.1	508.1	590.9	664.4	709.7	755.1	781.5
70°	159.9	182.6	205.3	247.4	295.9	358.3	434.8	503.7	549.6	595.5	627.3
72.5°	117.6	121.4	125.2	154.3	191.7	240.5	300.7	355.2	393.0	430.9	464.8
75°	78.8	83.7	88.6	100.1	113.9	143.5	188.9	230.3	259.9	289.5	323.5
77.5°	46.2	50.2	54.1	60.1	66.8	83.3	109.8	135.0	156.3	177.6	208.8
80°	22.1	25.2	28.2	33.0	38.3	45.5	54.6	64.5	77.0	89.4	113.3
82.5°	7.3	8.8	10.2	13.1	16.4	20.0	23.9	28.2	33.6	38.9	53.2
85°	1.9	2.4	2.9	3.7	4.6	6.4	9.1	11.5	12.7	13.9	20.8
87.5°	1.6	1.4	1.3	1.5	1.8	2.1	2.6	3.2	4.2	5.3	9.2
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°	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6	3238.6
2.5°	3242.2	3241.2	3239.6	3238.1	3236.8	3235.8	3236.0	3236.2
5°	3232.0	3233.2	3235.0	3236.4	3237.4	3238.3	3239.0	3239.7
7.5°	3218.5	3221.6	3225.2	3226.5	3225.6	3224.5	3223.0	3221.6
10°	3198.0	3201.3	3204.0	3203.8	3200.7	3198.1	3197.5	3196.9
12.5°	3180.6	3181.2	3178.7	3177.7	3178.1	3178.1	3177.0	3175.9
15°	3147.6	3150.6	3150.3	3150.3	3150.6	3149.8	3145.9	3141.9
17.5°	3107.2	3113.0	3117.0	3115.7	3109.1	3102.7	3097.0	3091.3
20°	3066.0	3073.1	3079.8	3076.1	3062.0	3049.8	3043.3	3036.8
22.5°	3020.9	3025.5	3028.4	3023.2	3010.0	2998.7	2993.2	2987.6
25°	2966.7	2967.4	2964.8	2960.5	2954.4	2947.9	2940.1	2932.3
27.5°	2914.6	2911.7	2903.4	2898.7	2897.6	2894.8	2886.6	2878.5
30°	2857.8	2854.2	2844.1	2838.5	2837.4	2835.4	2830.7	2826.0
32.5°	2783.5	2780.5	2770.5	2768.0	2773.0	2774.9	2767.5	2760.1
35°	2697.9	2698.1	2692.2	2692.4	2698.7	2701.5	2693.6	2685.7
37.5°	2601.9	2606.9	2608.1	2609.8	2611.9	2604.7	2569.8	2534.9
40°	2495.6	2504.2	2511.7	2501.9	2474.8	2443.8	2401.2	2358.6
42.5°	2385.0	2400.7	2412.7	2387.6	2325.3	2276.2	2266.6	2256.9
45°	2253.0	2278.8	2301.9	2283.3	2222.9	2171.4	2146.4	2121.4
47.5°	2102.5	2125.0	2150.4	2135.9	2081.4	2028.5	1980.8	1933.1
50°	1986.1	1987.9	1981.6	1950.4	1894.5	1849.1	1835.7	1822.3
52.5°	1835.2	1845.0	1839.5	1812.4	1763.7	1717.2	1677.2	1637.2
55°	1631.0	1653.3	1673.0	1649.5	1582.8	1525.9	1498.8	1471.6
57.5°	1479.5	1483.1	1478.3	1453.6	1409.2	1368.2	1337.7	1307.2
60°	1343.3	1345.2	1335.3	1304.0	1251.4	1205.3	1179.1	1152.8
62.5°	1190.5	1174.2	1139.5	1107.8	1079.0	1048.6	1013.6	978.6
65°	1015.9	1002.4	968.1	933.4	898.5	867.3	847.1	827.0
67.5°	807.9	802.2	785.8	764.1	737.3	711.2	687.2	663.3
70°	659.1	656.4	642.3	618.1	583.8	553.3	534.3	515.2
72.5°	498.8	498.3	486.4	466.5	438.8	412.7	391.4	370.1
75°	357.6	353.7	337.2	319.5	300.6	281.9	264.0	246.1
77.5°	239.9	238.4	225.9	209.3	188.6	170.3	159.6	149.0
80°	137.2	137.2	129.1	122.5	117.2	113.1	112.5	112.0
82.5°	67.4	70.9	70.7	72.4	75.8	78.1	77.1	76.1
85°	27.7	33.9	39.9	43.7	45.4	46.3	44.8	43.2
87.5°	13.1	16.1	18.7	20.4	21.2	21.6	21.3	20.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)