

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: P600767

Luminaire Tested: **ASWPLED2S-60W-4000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600767
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-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: 8690.7 lumens
Efficiency: N/A
Efficacy: 143.9 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

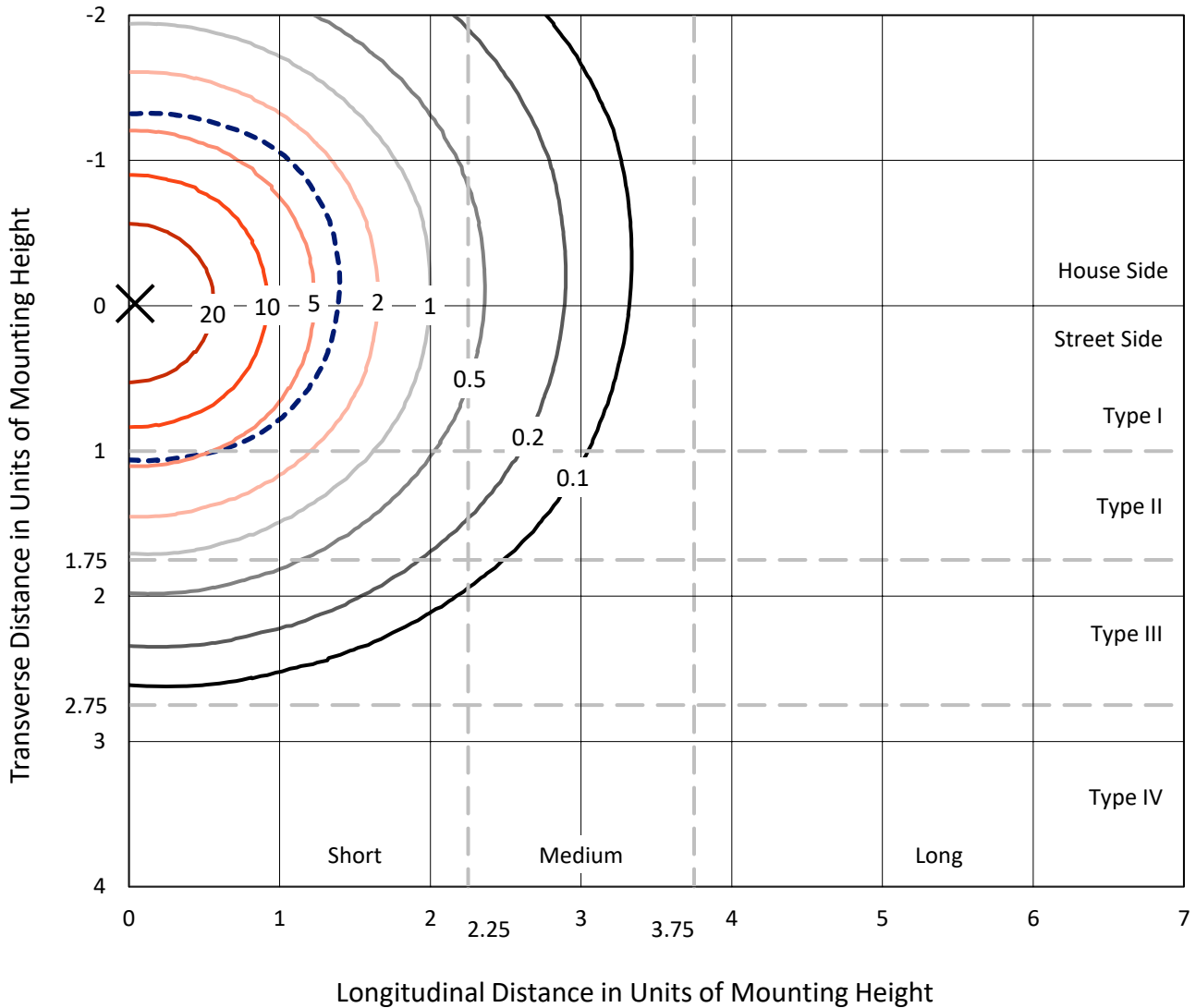
Input Watts (W): 60.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P600767
 CATALOG NUMBER: ASWPLED2S-60W-4000K

Iso-Footcandle Lines of Horizontal Illumination

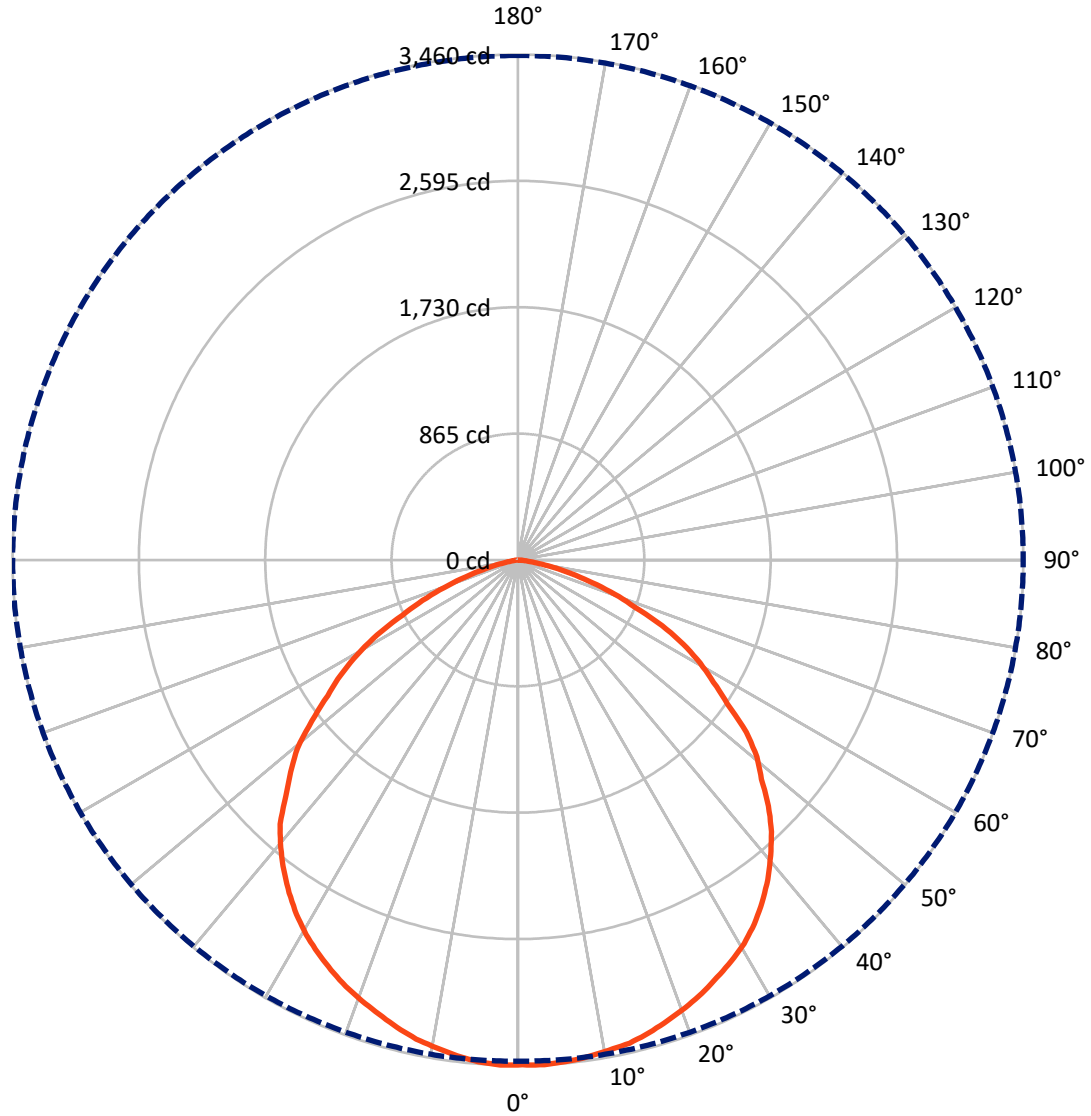
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 34.6 fc
 Type V - Short - N/A

REPORT NUMBER: P600767
CATALOG NUMBER: ASWPLED2S-60W-4000K

Luminous Intensity Polar Plot



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

REPORT NUMBER: P600767

CATALOG NUMBER: ASWPLED2S-60W-4000K

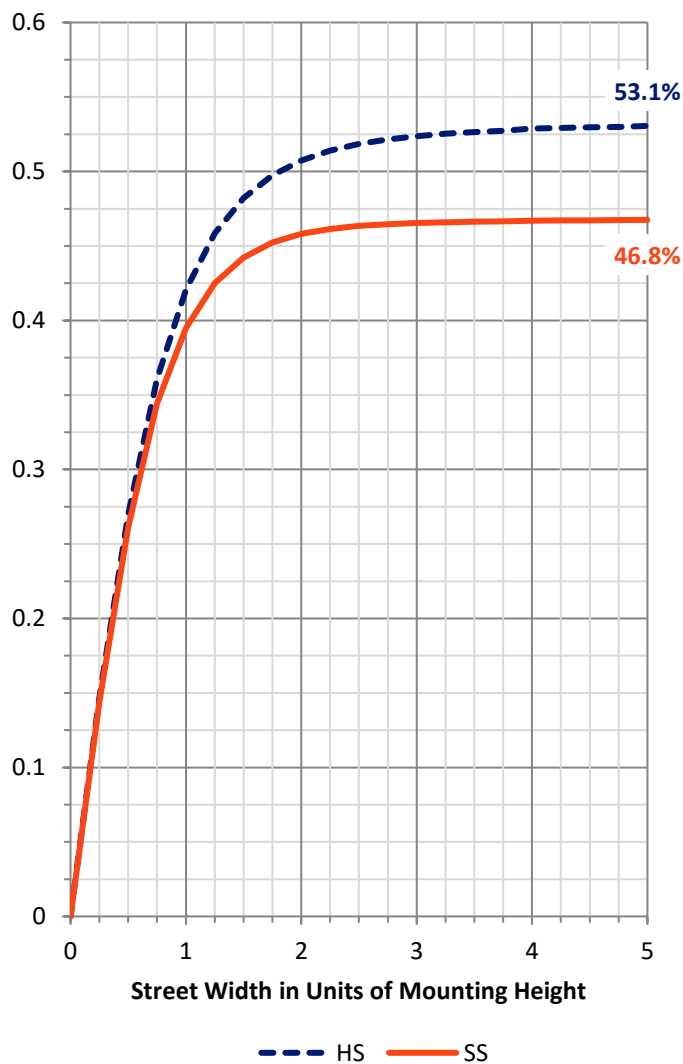
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4638.4	0.0	4638.4
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	4052.3	0.0	4052.3
	% Fixture	46.6	0.0	46.6
Total	Lumens	8690.7	0.0	8690.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	326.6	3.8
10°-20°	934.9	10.8
20°-30°	1428.9	16.4
30°-40°	1733.9	20.0
40°-50°	1725.3	19.9
50°-60°	1390.2	16.0
60°-70°	834.6	9.6
70°-80°	282.0	3.2
80°-90°	34.2	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°	8690.7	100.0
0°-180°	8690.7	100.0

Coefficient of Utilization



REPORT NUMBER: P600767

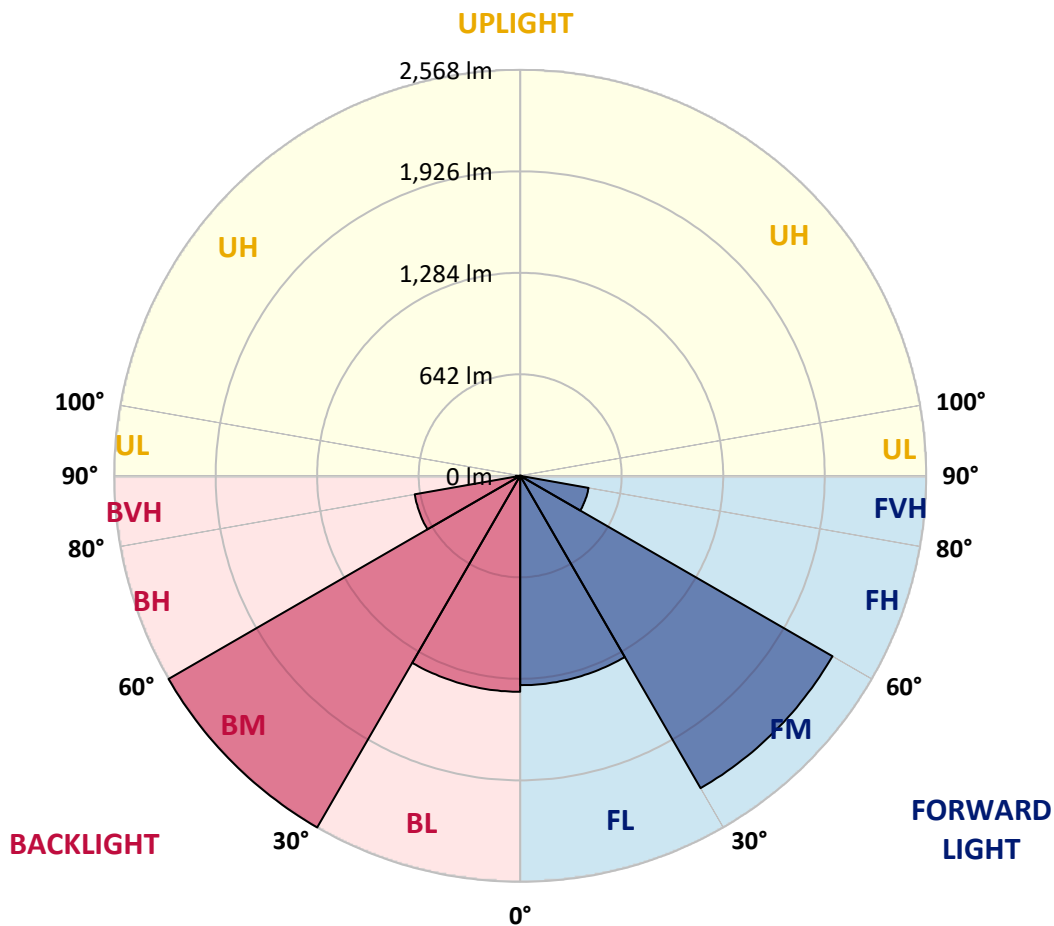
CATALOG NUMBER: ASWPLED2S-60W-4000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1324.3	15.2			
FM (30°-60°)	2281.3	26.2			
FH (60°-80°)	439.1	5.1			G0/660
FVH (80°-90°)	7.6	0.1			G0/10
BL (0°-30°)	1366.1	15.7	B3/2500		
BM (30°-60°)	2568.1	29.6	B3/5000		
BH (60°-80°)	677.5	7.8	B2/1000		G1/1800
BVH (80°-90°)	26.6	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





REPORT NUMBER: P600767
 CATALOG NUMBER: ASWPLED2S-60W-4000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5
2.5°	3431.3	3436.0	3440.6	3445.9	3451.4	3455.3	3457.6	3459.3	3459.1	3459.0	3459.7
5°	3405.0	3409.5	3414.0	3421.1	3429.0	3435.7	3441.1	3445.8	3448.1	3450.5	3450.0
7.5°	3362.0	3366.1	3370.3	3379.4	3390.2	3400.6	3410.7	3419.8	3425.8	3431.9	3433.4
10°	3313.2	3316.7	3320.1	3330.9	3344.1	3358.0	3372.7	3385.8	3394.4	3403.0	3408.1
12.5°	3270.4	3273.4	3276.4	3286.6	3299.2	3315.3	3335.0	3352.4	3363.2	3374.1	3384.4
15°	3217.0	3221.4	3225.8	3239.1	3255.4	3272.0	3288.9	3305.0	3318.7	3332.4	3345.9
17.5°	3163.7	3166.8	3169.9	3184.2	3202.2	3219.0	3234.6	3251.5	3272.2	3293.0	3304.6
20°	3108.1	3111.9	3115.7	3130.6	3149.1	3166.2	3182.1	3200.8	3227.8	3254.8	3263.6
22.5°	3045.1	3051.0	3056.9	3071.0	3087.8	3106.1	3125.9	3147.8	3175.8	3203.8	3213.9
25°	2977.5	2983.6	2989.8	3002.8	3018.2	3037.1	3059.5	3083.8	3113.7	3143.7	3155.0
27.5°	2900.1	2909.5	2918.9	2933.2	2949.0	2968.6	2991.8	3017.4	3050.1	3082.8	3096.7
30°	2821.9	2832.3	2842.7	2857.9	2874.8	2895.0	2918.6	2945.1	2980.5	3015.8	3032.9
32.5°	2709.5	2729.6	2749.7	2770.0	2790.4	2812.0	2834.8	2860.8	2896.4	2932.1	2951.4
35°	2504.8	2556.7	2608.5	2649.1	2686.0	2715.6	2738.1	2764.3	2802.0	2839.6	2859.6
37.5°	2354.1	2381.5	2408.9	2479.2	2563.9	2616.5	2637.0	2662.4	2702.3	2742.2	2759.6
40°	2221.6	2241.5	2261.4	2341.6	2441.9	2503.1	2525.2	2552.4	2594.9	2637.4	2650.4
42.5°	1997.8	2057.2	2116.6	2201.8	2295.7	2361.2	2398.1	2432.7	2460.4	2488.2	2516.9
45°	1854.7	1881.2	1907.7	1988.6	2087.7	2163.9	2217.1	2265.4	2299.1	2332.7	2368.6
47.5°	1661.2	1711.3	1761.3	1840.8	1930.0	2006.0	2068.9	2127.0	2171.1	2215.3	2229.6
50°	1488.0	1531.9	1575.7	1668.3	1777.1	1863.8	1928.4	1986.6	2025.5	2064.4	2092.0
52.5°	1291.9	1341.2	1390.5	1471.4	1562.7	1647.5	1725.8	1790.6	1815.1	1839.6	1899.1
55°	1124.3	1156.7	1189.2	1270.8	1368.8	1456.0	1532.3	1599.3	1638.2	1677.0	1708.9
57.5°	918.4	966.7	1014.9	1088.8	1171.3	1263.1	1364.2	1448.6	1483.2	1517.7	1548.4
60°	734.7	780.9	827.1	894.3	968.6	1063.9	1180.1	1277.0	1315.7	1354.5	1394.1
62.5°	582.1	618.5	655.0	719.5	793.4	885.7	996.4	1091.4	1139.5	1187.6	1229.1
65°	429.9	464.0	498.2	560.2	631.5	710.3	796.5	874.3	926.9	979.6	1032.0
67.5°	293.3	321.2	349.1	403.4	466.5	542.3	630.7	709.1	757.5	806.0	834.1
70°	170.7	194.9	219.1	264.0	315.7	382.4	464.1	537.5	586.5	635.5	669.5
72.5°	125.5	129.6	133.7	164.7	204.6	256.7	320.9	379.1	419.5	459.9	496.1
75°	84.1	89.3	94.5	106.9	121.6	153.2	201.6	245.8	277.3	308.9	345.3
77.5°	49.3	53.5	57.7	64.1	71.2	88.9	117.2	144.1	166.9	189.6	222.8
80°	23.6	26.8	30.1	35.1	40.8	48.5	58.2	68.8	82.1	95.4	120.9
82.5°	7.8	9.4	10.9	14.0	17.5	21.4	25.6	30.1	35.8	41.5	56.7
85°	2.0	2.5	3.1	3.9	4.8	6.8	9.8	12.3	13.6	14.9	22.2
87.5°	1.7	1.5	1.4	1.6	1.9	2.2	2.7	3.4	4.5	5.6	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P600767
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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°
0°	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5	3456.5
2.5°	3460.3	3459.2	3457.5	3456.0	3454.6	3453.5	3453.7	3453.9
5°	3449.4	3450.7	3452.6	3454.1	3455.1	3456.1	3456.9	3457.7
7.5°	3435.0	3438.3	3442.1	3443.6	3442.6	3441.5	3439.9	3438.3
10°	3413.1	3416.6	3419.5	3419.3	3416.0	3413.3	3412.7	3412.0
12.5°	3394.7	3395.2	3392.5	3391.4	3391.9	3391.9	3390.7	3389.5
15°	3359.4	3362.6	3362.3	3362.3	3362.6	3361.7	3357.5	3353.3
17.5°	3316.3	3322.4	3326.7	3325.4	3318.3	3311.4	3305.3	3299.2
20°	3272.3	3279.9	3287.0	3283.0	3267.9	3254.9	3248.0	3241.1
22.5°	3224.1	3229.0	3232.1	3226.6	3212.5	3200.4	3194.5	3188.6
25°	3166.3	3167.0	3164.2	3159.6	3153.1	3146.2	3137.9	3129.6
27.5°	3110.7	3107.5	3098.7	3093.7	3092.6	3089.6	3080.9	3072.2
30°	3050.0	3046.2	3035.4	3029.4	3028.3	3026.1	3021.1	3016.1
32.5°	2970.8	2967.6	2956.9	2954.2	2959.5	2961.6	2953.7	2945.9
35°	2879.5	2879.7	2873.3	2873.5	2880.3	2883.3	2874.8	2866.3
37.5°	2777.0	2782.3	2783.6	2785.4	2787.6	2779.9	2742.7	2705.4
40°	2663.4	2672.7	2680.8	2670.3	2641.3	2608.1	2562.7	2517.3
42.5°	2545.5	2562.3	2575.1	2548.2	2481.8	2429.4	2419.1	2408.8
45°	2404.5	2432.0	2456.7	2436.9	2372.4	2317.4	2290.8	2264.1
47.5°	2244.0	2268.0	2295.2	2279.6	2221.4	2165.0	2114.1	2063.1
50°	2119.7	2121.6	2114.9	2081.6	2021.9	1973.5	1959.2	1944.9
52.5°	1958.6	1969.1	1963.2	1934.3	1882.3	1832.7	1790.0	1747.3
55°	1740.8	1764.6	1785.7	1760.6	1689.3	1628.6	1599.6	1570.6
57.5°	1579.1	1582.9	1577.7	1551.4	1504.0	1460.3	1427.7	1395.1
60°	1433.7	1435.7	1425.1	1391.7	1335.6	1286.5	1258.4	1230.3
62.5°	1270.6	1253.2	1216.2	1182.3	1151.6	1119.2	1081.8	1044.4
65°	1084.3	1069.9	1033.2	996.2	958.9	925.5	904.1	882.6
67.5°	862.3	856.2	838.7	815.6	786.9	759.1	733.5	707.9
70°	703.4	700.6	685.5	659.7	623.1	590.6	570.2	549.8
72.5°	532.4	531.9	519.1	498.0	468.4	440.5	417.7	395.0
75°	381.7	377.6	359.9	341.0	320.8	300.9	281.8	262.7
77.5°	256.1	254.4	241.1	223.4	201.3	181.8	170.4	159.0
80°	146.4	146.4	137.9	130.8	125.1	120.7	120.1	119.5
82.5°	71.9	75.6	75.5	77.2	80.8	83.3	82.2	81.2
85°	29.6	36.2	42.6	46.7	48.5	49.4	47.7	46.1
87.5°	14.0	17.2	20.0	21.8	22.6	23.1	22.7	22.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)