

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: P600749

Luminaire Tested: **ASWPLED1S-15W-4000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600749
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: ASWPLED1S-15W-4000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (98) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2162.2 lumens
Efficiency: N/A
Efficacy: 144.1 lumens/watt
Luminous Opening: Rectangular (W 0.55' x L: 0.25' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

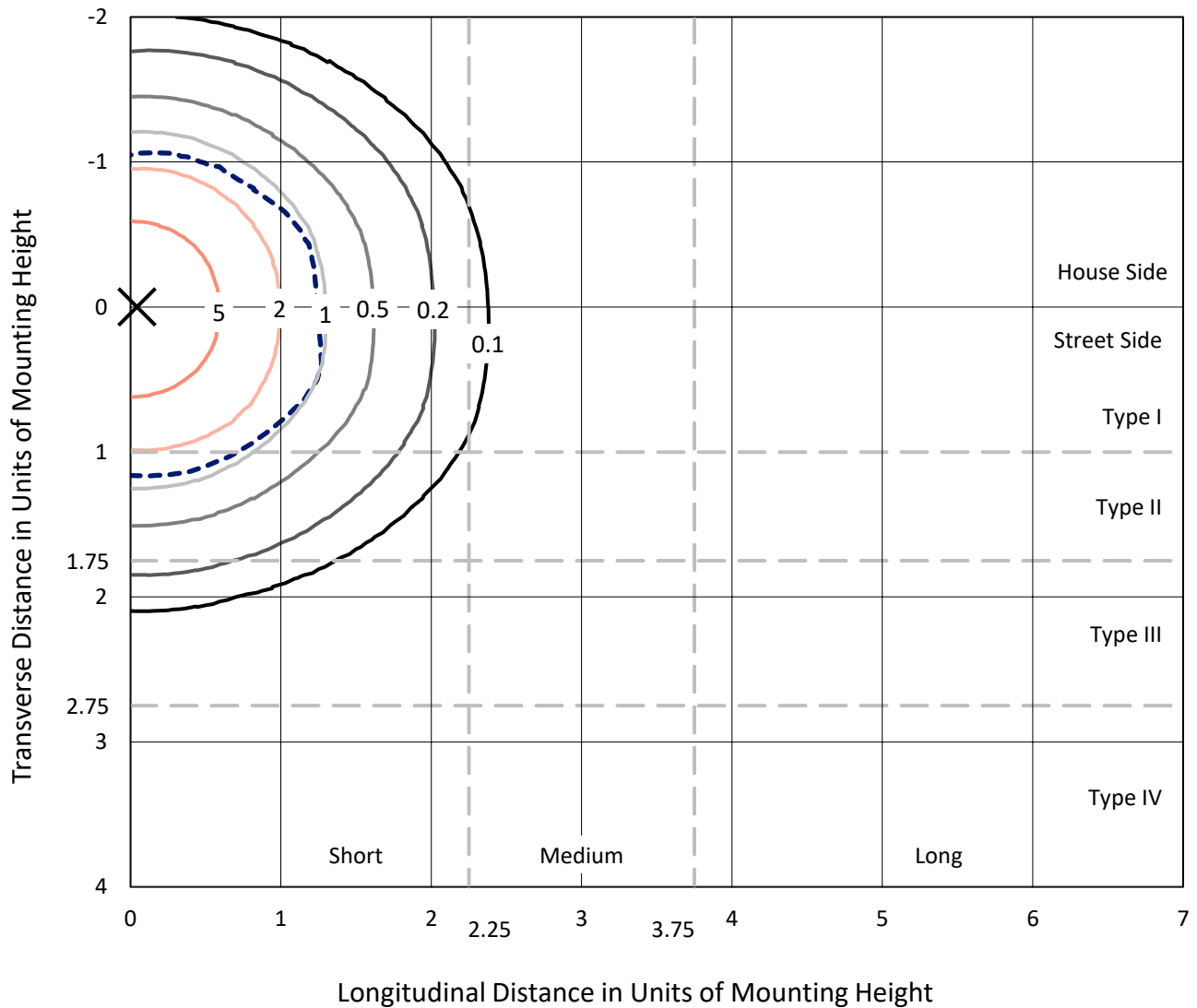
Input Watts (W): 15
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

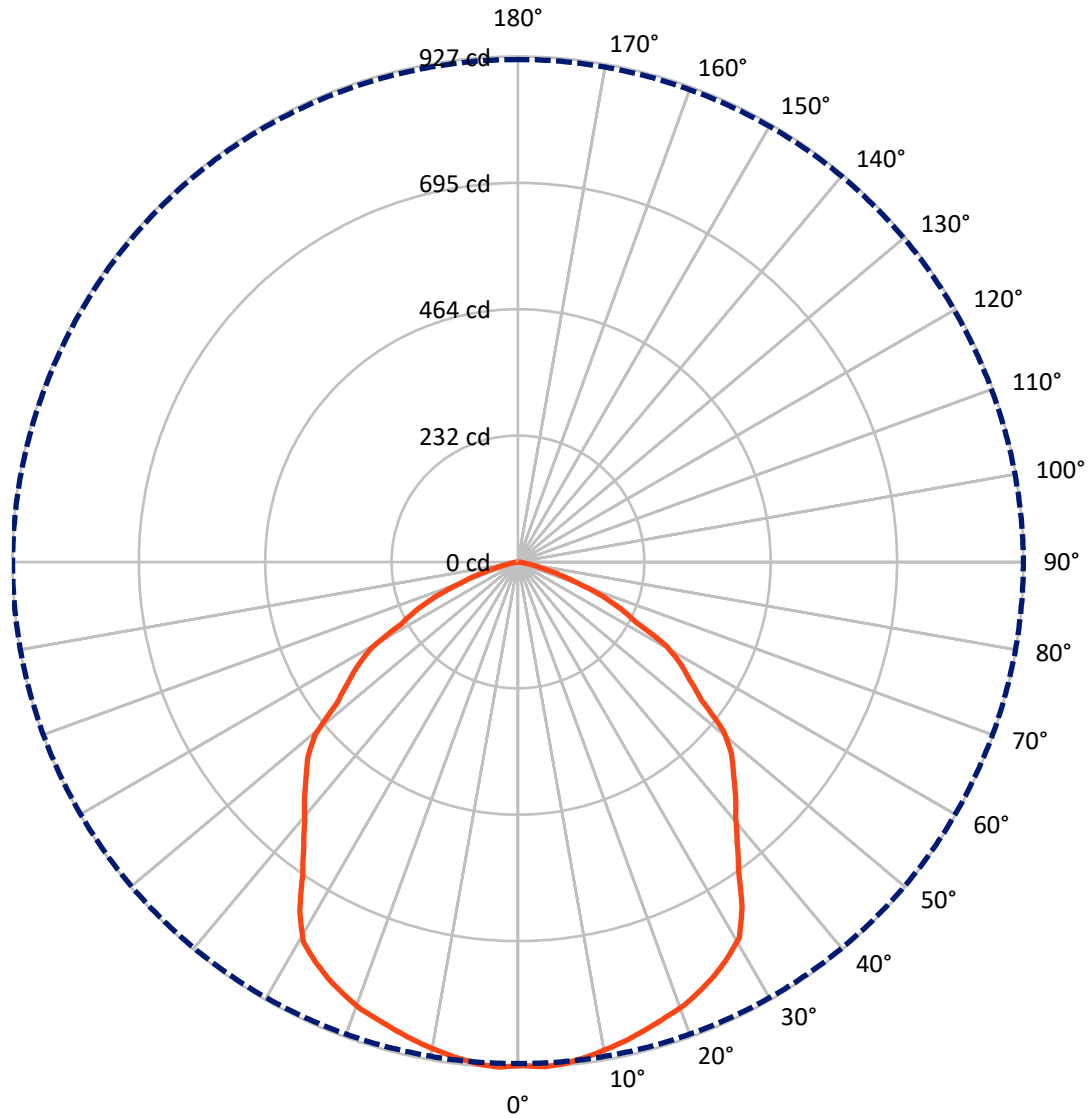
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 2.5-Deg Vertical

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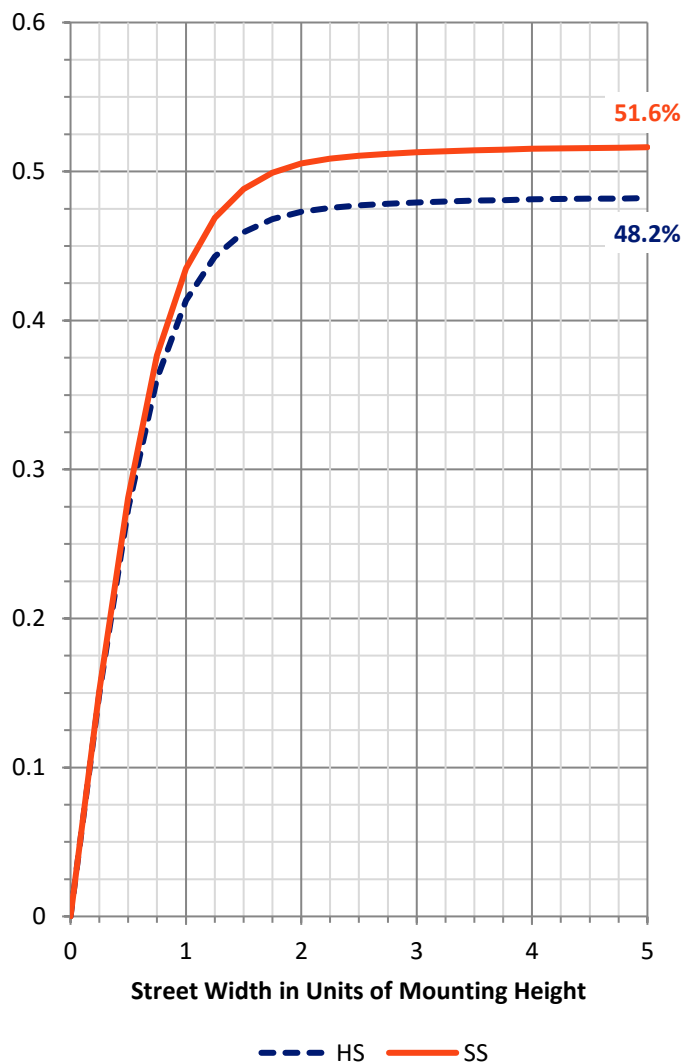
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1048.1	0.0	1048.1
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1114.1	0.0	1114.1
	% Fixture	51.5	0.0	51.5
Total	Lumens	2162.2	0.0	2162.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	4.1
10°-20°	252.5	11.7
20°-30°	389.6	18.0
30°-40°	462.2	21.4
40°-50°	433.0	20.0
50°-60°	323.9	15.0
60°-70°	163.2	7.5
70°-80°	45.7	2.1
80°-90°	4.5	0.2
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°	2162.2	100.0
0°-180°	2162.2	100.0

Coefficient of Utilization



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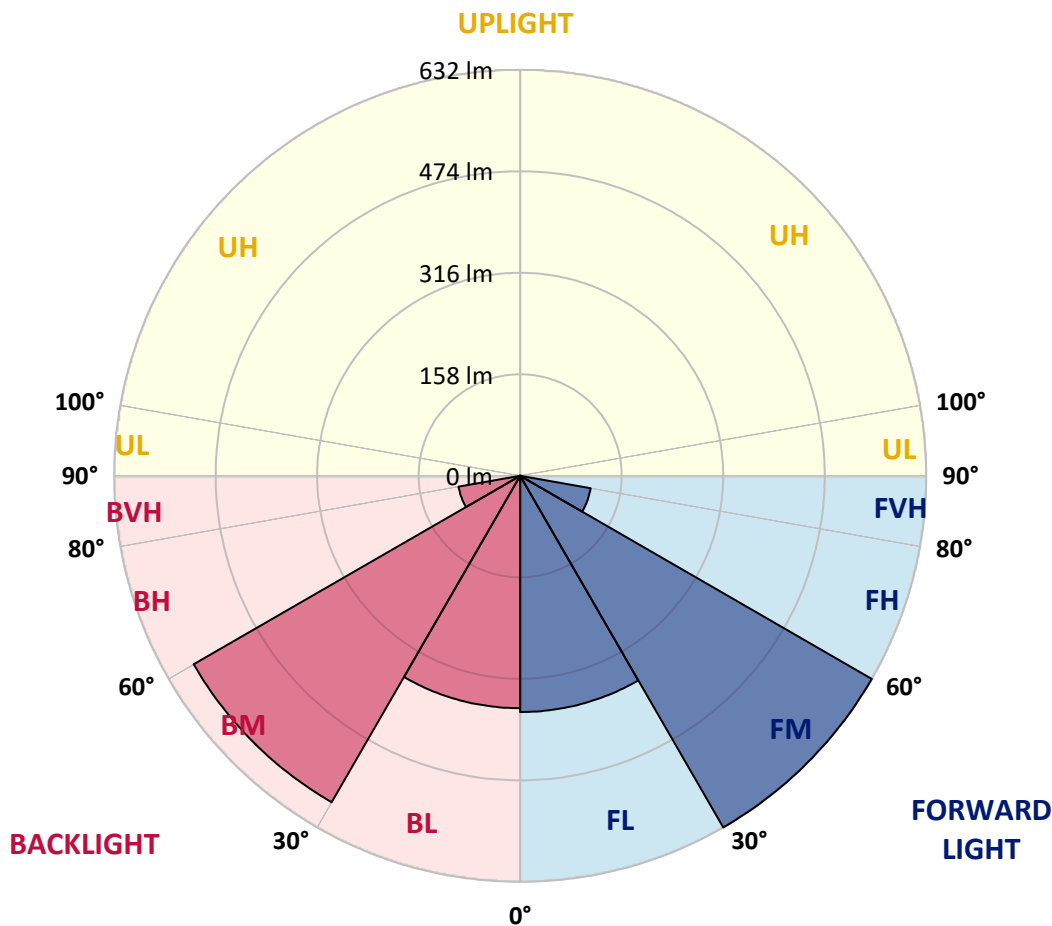
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	367.9	17.0			
FM (30°-60°)	632.2	29.2			
FH (60°-80°)	111.5	5.2			G0/660
FVH (80°-90°)	2.6	0.1			G0/10
BL (0°-30°)	361.9	16.7	B1/500		
BM (30°-60°)	587.0	27.1	B1/1000		
BH (60°-80°)	97.4	4.5	B0/110		G0/660
BVH (80°-90°)	1.9	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	923.5	923.5	923.5	923.5	923.5	923.5	923.5	923.5	923.5	923.5	923.5
2.5°	920.0	920.8	921.6	923.0	924.5	925.5	926.1	926.5	926.8	927.2	925.9
5°	917.9	919.5	921.0	922.4	923.7	924.6	925.0	925.1	924.5	923.9	924.2
7.5°	916.2	917.0	917.8	918.4	918.9	919.5	920.1	920.1	918.2	916.4	916.3
10°	913.6	914.4	915.3	914.9	914.1	913.9	914.3	913.8	910.8	907.7	908.5
12.5°	909.1	909.2	909.4	908.8	908.0	906.5	904.3	902.3	900.5	898.8	899.0
15°	902.3	902.1	901.9	901.4	900.8	898.9	895.6	892.6	890.4	888.3	888.7
17.5°	894.4	893.5	892.6	892.1	891.7	889.7	886.0	882.7	880.4	878.1	878.3
20°	886.0	885.8	885.6	883.9	881.7	879.0	875.9	873.0	870.8	868.6	868.7
22.5°	875.7	876.2	876.8	873.9	870.0	866.8	864.3	861.6	858.2	854.8	854.5
25°	863.3	863.4	863.5	860.7	857.0	853.7	850.7	847.4	843.4	839.4	839.1
27.5°	851.1	849.5	848.0	845.9	843.6	840.3	836.1	831.6	826.2	820.9	820.6
30°	833.4	832.3	831.3	829.7	828.0	824.6	819.4	813.7	806.7	799.7	799.7
32.5°	813.1	811.6	810.2	809.1	808.0	804.2	797.6	788.4	771.7	755.0	757.7
35°	780.3	783.2	786.2	786.0	784.9	778.8	767.7	752.5	724.7	696.9	697.6
37.5°	706.5	721.2	735.8	746.5	755.7	748.5	724.9	701.2	677.1	653.1	650.3
40°	655.4	660.8	666.2	688.6	716.8	714.5	681.7	652.4	633.6	614.8	615.3
42.5°	622.1	623.9	625.8	649.8	681.1	677.9	640.1	608.8	597.1	585.4	587.0
45°	544.4	563.4	582.4	604.3	627.0	625.8	600.5	578.6	566.4	554.3	557.9
47.5°	497.1	504.5	511.9	526.5	543.4	551.9	551.9	549.1	538.3	527.5	530.0
50°	455.4	462.0	468.6	476.5	485.0	496.2	510.3	517.5	503.7	490.0	495.2
52.5°	376.4	390.1	403.9	416.2	428.1	445.7	469.2	479.6	450.7	421.7	431.1
55°	338.0	341.6	345.3	352.6	361.1	381.0	412.1	429.6	406.5	383.4	386.2
57.5°	265.0	277.3	289.6	304.4	319.9	342.2	371.2	388.3	369.6	350.9	352.4
60°	214.6	225.8	237.0	249.1	261.4	285.9	322.5	345.9	329.6	313.3	312.9
62.5°	165.3	171.2	177.1	194.2	215.1	239.1	266.4	281.9	262.2	242.4	247.8
65°	113.9	118.5	123.1	139.9	160.8	182.9	206.0	221.6	214.6	207.5	202.0
67.5°	68.4	73.3	78.1	95.6	117.2	140.3	164.9	181.5	174.2	167.0	162.6
70°	60.6	59.5	58.4	65.8	76.1	93.4	117.5	133.5	125.3	117.0	111.0
72.5°	49.9	49.5	49.2	49.1	49.0	57.7	75.2	87.5	83.9	80.4	76.9
75°	37.8	37.8	37.7	36.9	35.8	40.5	51.0	57.4	51.5	45.5	45.3
77.5°	26.2	26.2	26.2	26.0	25.8	27.1	29.8	31.0	27.8	24.6	24.9
80°	15.7	15.7	15.8	15.9	16.0	15.7	15.1	14.4	13.0	11.7	11.6
82.5°	7.6	7.6	7.7	7.9	8.1	8.2	8.2	7.8	6.6	5.4	5.5
85°	2.6	2.6	2.5	2.6	2.8	3.0	3.2	3.2	2.6	2.1	2.2
87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0
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°	923.5	923.5	923.5	923.5	923.5	923.5	923.5	923.5
2.5°	924.6	924.2	924.2	923.7	922.7	921.9	921.8	921.7
5°	924.5	922.8	920.4	919.4	919.9	920.2	919.6	919.0
7.5°	916.2	916.0	915.8	915.6	915.5	915.4	915.3	915.2
10°	909.2	909.2	909.0	909.1	909.4	909.4	908.1	906.8
12.5°	899.3	900.0	900.9	900.7	899.4	898.4	898.0	897.7
15°	889.0	889.5	890.0	889.8	888.8	887.9	887.7	887.5
17.5°	878.4	877.7	876.7	876.1	875.9	875.9	876.6	877.4
20°	868.8	867.0	864.5	863.4	863.7	863.9	863.8	863.7
22.5°	854.3	852.9	851.1	850.2	850.3	850.1	849.4	848.8
25°	838.9	837.7	836.2	834.7	833.2	832.0	832.0	832.0
27.5°	820.4	819.3	818.0	816.9	815.9	815.0	814.0	813.0
30°	799.8	799.0	798.0	796.8	795.3	793.9	792.9	791.8
32.5°	760.4	766.2	772.9	774.9	772.1	769.7	768.3	766.9
35°	698.3	716.5	740.6	750.7	746.8	739.7	723.0	706.2
37.5°	647.5	671.9	705.4	713.0	694.9	677.0	659.7	642.4
40°	615.9	634.1	658.2	658.4	634.6	616.1	613.3	610.5
42.5°	588.6	594.3	601.5	600.1	590.0	579.5	567.8	556.1
45°	561.5	557.6	551.1	544.2	536.8	526.0	505.2	484.4
47.5°	532.5	516.2	493.5	477.9	469.4	461.8	457.0	452.3
50°	500.3	481.4	454.5	438.0	432.0	422.3	401.6	380.8
52.5°	440.4	428.7	409.9	391.0	372.0	355.3	345.9	336.5
55°	388.9	371.5	347.4	329.4	317.5	304.5	288.2	271.9
57.5°	353.8	334.2	307.5	283.4	261.8	244.2	238.2	232.2
60°	312.4	286.8	252.8	229.0	215.4	201.6	187.4	173.1
62.5°	253.2	234.8	208.4	184.5	163.1	145.1	137.8	130.6
65°	196.5	178.3	155.8	134.8	115.1	98.9	92.8	86.8
67.5°	158.2	139.6	116.3	96.3	79.6	67.3	68.2	69.0
70°	105.0	92.8	78.5	67.8	60.9	56.0	57.4	58.8
72.5°	73.4	62.6	49.4	43.1	43.8	44.5	45.2	46.0
75°	45.1	40.2	33.9	31.0	31.7	32.3	32.6	33.0
77.5°	25.3	24.0	22.1	21.1	21.1	21.0	21.1	21.2
80°	11.5	11.8	12.1	12.1	11.8	11.5	11.6	11.6
82.5°	5.7	5.7	5.7	5.6	5.2	4.8	4.8	4.8
85°	2.3	2.2	2.0	1.8	1.7	1.6	1.8	1.9
87.5°	1.1	1.0	0.9	0.9	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)