

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: P600750

Luminaire Tested: **ASWPLED1S-15W-5000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600750
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-5000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2095.1 lumens
Efficiency: N/A
Efficacy: 139.7 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

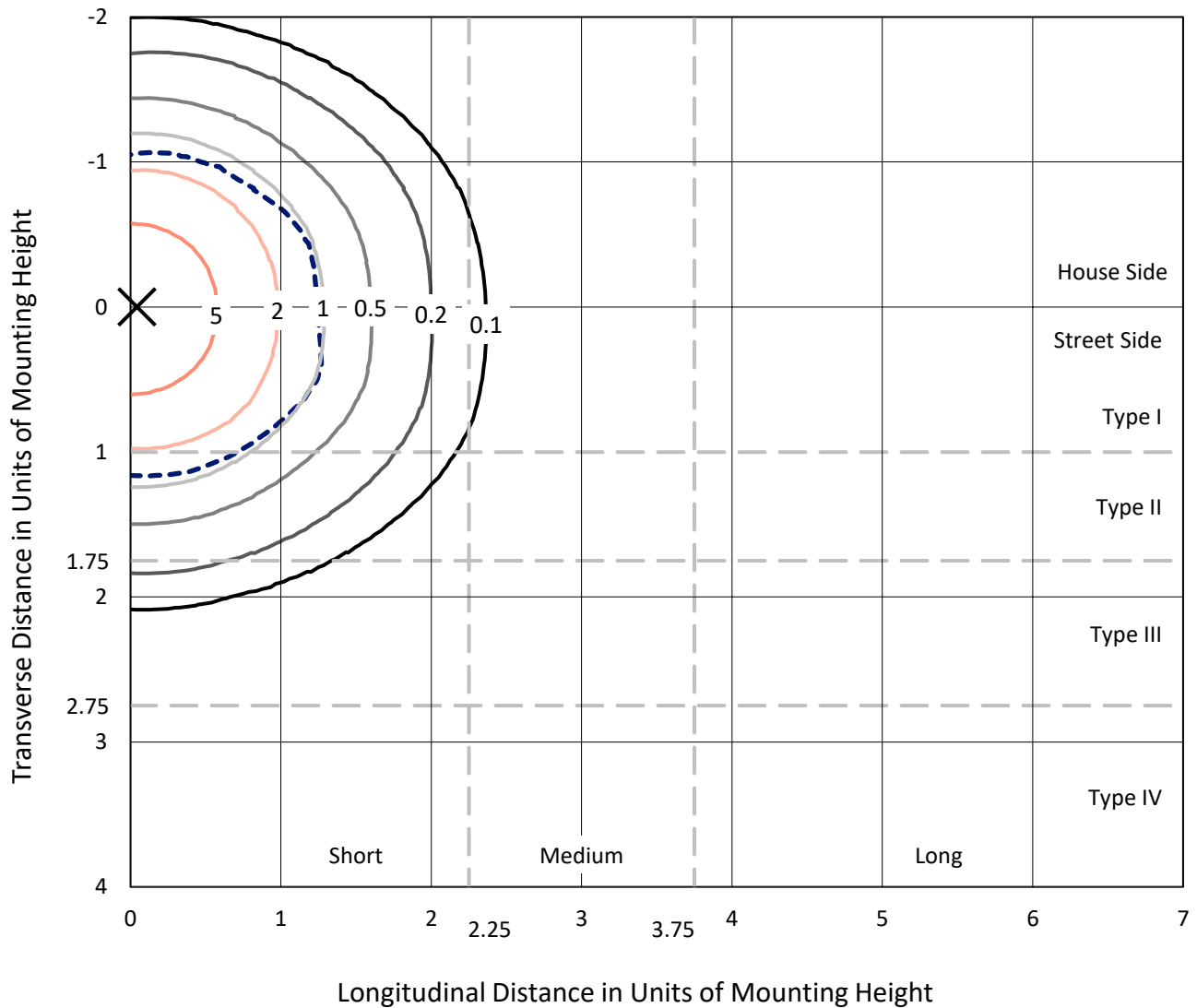
Input Watts (W): 15
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

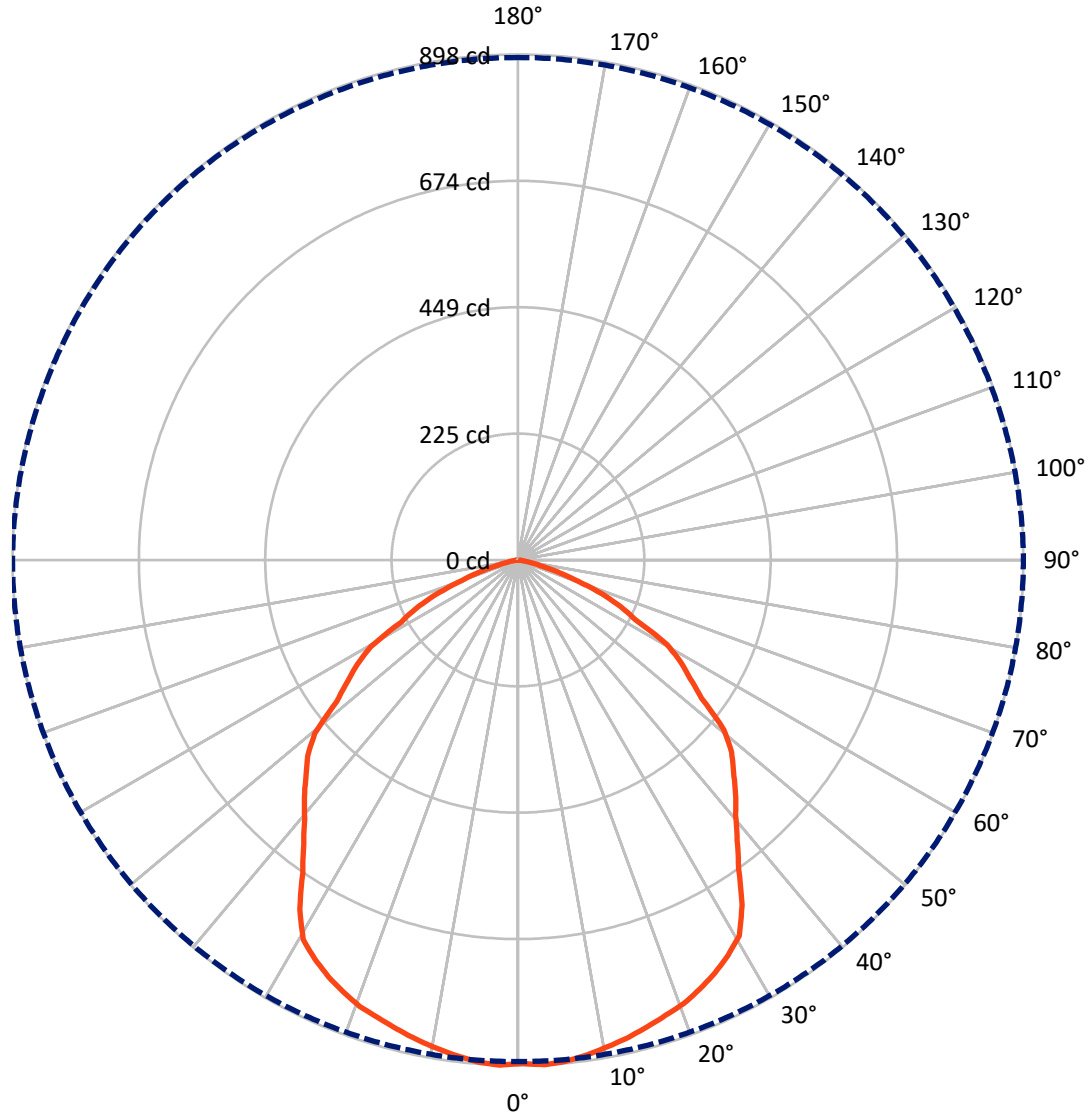
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.9 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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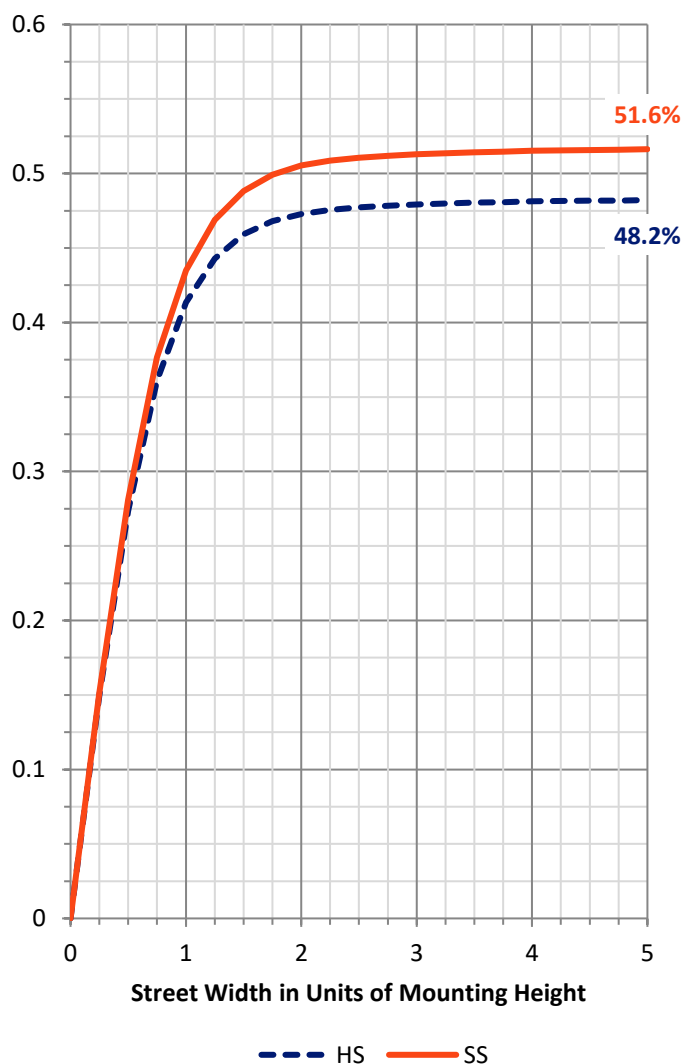
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1015.6	0.0	1015.6
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1079.5	0.0	1079.5
	% Fixture	51.5	0.0	51.5
Total	Lumens	2095.1	0.0	2095.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.9	4.1
10°-20°	244.6	11.7
20°-30°	377.5	18.0
30°-40°	447.9	21.4
40°-50°	419.6	20.0
50°-60°	313.8	15.0
60°-70°	158.1	7.5
70°-80°	44.3	2.1
80°-90°	4.3	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°	2095.1	100.0
0°-180°	2095.1	100.0

Coefficient of Utilization

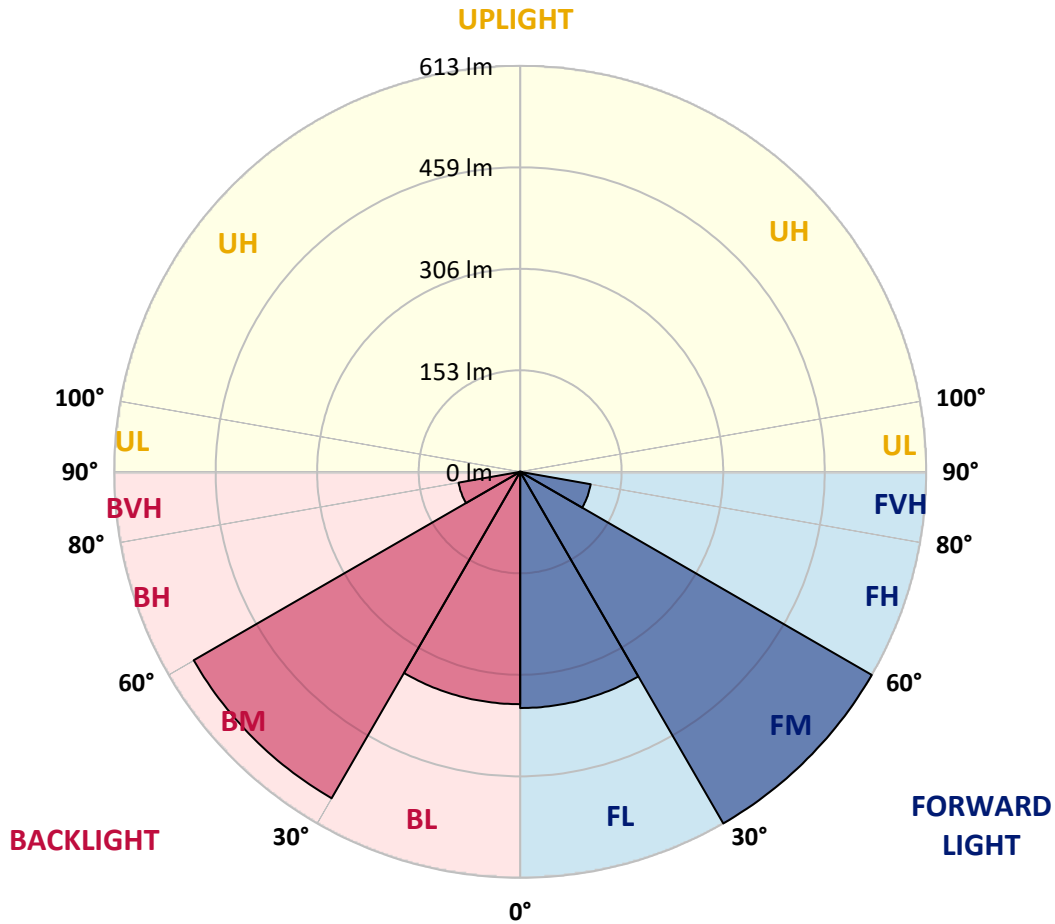


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	356.5	17.0			
FM (30°-60°)	612.6	29.2			
FH (60°-80°)	108.0	5.2			G0/660
FVH (80°-90°)	2.5	0.1			G0/10
BL (0°-30°)	350.6	16.7	B1/500		
BM (30°-60°)	568.7	27.1	B1/1000		
BH (60°-80°)	94.4	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°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	891.5	892.2	893.0	894.3	895.8	896.8	897.3	897.8	898.1	898.4	897.2
5°	889.4	890.9	892.4	893.8	895.1	895.9	896.3	896.4	895.8	895.2	895.5
7.5°	887.7	888.5	889.3	889.9	890.4	891.0	891.6	891.6	889.8	888.0	887.9
10°	885.3	886.1	886.9	886.5	885.7	885.5	885.9	885.5	882.5	879.5	880.2
12.5°	880.9	881.0	881.2	880.6	879.8	878.3	876.2	874.2	872.5	870.9	871.1
15°	874.3	874.2	874.0	873.5	872.9	871.0	867.8	864.9	862.8	860.7	861.1
17.5°	866.7	865.8	864.9	864.4	864.0	862.0	858.5	855.3	853.1	850.9	851.0
20°	858.5	858.3	858.1	856.4	854.3	851.8	848.8	846.0	843.8	841.7	841.8
22.5°	848.5	849.0	849.6	846.8	843.0	839.9	837.5	834.8	831.6	828.3	828.0
25°	836.5	836.6	836.7	834.0	830.5	827.2	824.2	821.0	817.2	813.3	813.1
27.5°	824.6	823.2	821.7	819.7	817.5	814.3	810.1	805.7	800.6	795.5	795.2
30°	807.5	806.5	805.5	804.0	802.3	799.0	794.0	788.5	781.7	774.9	774.9
32.5°	787.8	786.4	785.1	784.0	782.9	779.2	772.8	763.9	747.7	731.6	734.2
35°	756.1	758.9	761.8	761.6	760.5	754.6	743.9	729.2	702.2	675.3	676.0
37.5°	684.6	698.8	713.0	723.3	732.3	725.3	702.4	679.4	656.1	632.8	630.1
40°	635.1	640.3	645.5	667.3	694.6	692.3	660.5	632.2	614.0	595.8	596.3
42.5°	602.7	604.5	606.4	629.6	660.0	656.8	620.2	589.9	578.6	567.3	568.8
45°	527.5	545.9	564.4	585.5	607.6	606.4	581.9	560.6	548.8	537.1	540.6
47.5°	481.6	488.8	496.0	510.1	526.5	534.7	534.7	532.1	521.6	511.1	513.5
50°	441.3	447.7	454.0	461.7	469.9	480.8	494.5	501.5	488.1	474.8	479.8
52.5°	364.8	378.0	391.3	403.3	414.8	431.9	454.7	464.7	436.7	408.6	417.7
55°	327.5	331.1	334.6	341.7	350.0	369.2	399.3	416.3	393.9	371.5	374.2
57.5°	256.8	268.8	280.7	294.9	310.0	331.6	359.6	376.2	358.1	340.0	341.4
60°	208.0	218.8	229.7	241.4	253.3	277.1	312.6	335.2	319.4	303.6	303.2
62.5°	160.2	165.9	171.6	188.2	208.4	231.7	258.2	273.2	254.0	234.9	240.1
65°	110.3	114.8	119.3	135.6	155.9	177.2	199.6	214.7	207.9	201.1	195.8
67.5°	66.3	71.0	75.7	92.6	113.6	136.0	159.8	175.9	168.9	161.9	157.5
70°	58.7	57.6	56.6	63.8	73.8	90.5	113.9	129.4	121.3	113.3	107.5
72.5°	48.4	48.0	47.6	47.5	47.4	55.9	72.9	84.7	81.3	77.9	74.5
75°	36.6	36.6	36.6	35.8	34.7	39.3	49.5	55.6	49.8	44.0	43.8
77.5°	25.4	25.4	25.4	25.2	25.0	26.2	28.9	30.1	27.0	23.9	24.2
80°	15.2	15.3	15.4	15.4	15.5	15.2	14.7	14.0	12.7	11.4	11.3
82.5°	7.4	7.4	7.4	7.6	7.8	7.9	7.9	7.6	6.4	5.2	5.3
85°	2.5	2.5	2.4	2.5	2.7	2.9	3.1	3.1	2.5	2.0	2.1
87.5°	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.9	0.8	0.9
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°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	895.9	895.6	895.6	895.1	894.1	893.3	893.2	893.1
5°	895.8	894.1	891.8	890.8	891.3	891.6	891.0	890.5
7.5°	887.8	887.6	887.4	887.2	887.1	886.9	886.8	886.8
10°	880.9	881.0	880.8	880.9	881.2	881.1	879.8	878.6
12.5°	871.3	872.1	873.0	872.8	871.5	870.5	870.1	869.8
15°	861.4	861.9	862.4	862.2	861.2	860.4	860.2	859.9
17.5°	851.2	850.5	849.5	848.9	848.7	848.7	849.4	850.2
20°	841.9	840.1	837.7	836.6	836.9	837.1	837.0	836.9
22.5°	827.8	826.4	824.7	823.8	823.9	823.7	823.1	822.5
25°	812.9	811.7	810.3	808.8	807.3	806.2	806.2	806.2
27.5°	794.9	793.9	792.7	791.6	790.7	789.7	788.7	787.7
30°	775.0	774.2	773.2	772.0	770.6	769.2	768.2	767.2
32.5°	736.8	742.4	748.9	750.8	748.1	745.8	744.4	743.1
35°	676.6	694.3	717.6	727.4	723.7	716.8	700.6	684.3
37.5°	627.4	651.0	683.5	690.9	673.3	655.9	639.2	622.4
40°	596.8	614.4	637.8	638.0	615.0	597.0	594.3	591.6
42.5°	570.3	575.9	582.8	581.4	571.7	561.6	550.2	538.8
45°	544.0	540.2	534.0	527.3	520.1	509.7	489.5	469.4
47.5°	516.0	500.1	478.2	463.1	454.8	447.5	442.9	438.3
50°	484.8	466.4	440.3	424.4	418.6	409.3	389.1	369.0
52.5°	426.7	415.3	397.1	378.8	360.4	344.3	335.2	326.0
55°	376.8	360.0	336.7	319.2	307.7	295.1	279.3	263.5
57.5°	342.8	323.8	297.9	274.6	253.7	236.6	230.8	225.0
60°	302.7	277.9	245.0	221.9	208.7	195.4	181.6	167.8
62.5°	245.4	227.5	202.0	178.8	158.0	140.6	133.5	126.5
65°	190.4	172.8	151.0	130.6	111.6	95.8	90.0	84.1
67.5°	153.2	135.2	112.6	93.3	77.2	65.3	66.1	66.9
70°	101.7	89.8	76.0	65.7	59.0	54.2	55.6	57.0
72.5°	71.1	60.6	47.8	41.8	42.5	43.1	43.8	44.6
75°	43.6	39.0	32.9	30.1	30.7	31.3	31.6	32.0
77.5°	24.5	23.2	21.4	20.5	20.4	20.4	20.5	20.6
80°	11.1	11.4	11.7	11.7	11.4	11.1	11.2	11.2
82.5°	5.5	5.6	5.6	5.4	5.0	4.7	4.6	4.6
85°	2.2	2.1	1.9	1.7	1.6	1.5	1.7	1.8
87.5°	1.0	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)