

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: P600748

Luminaire Tested: **ASWPLED1S-15W-3000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600748
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-3000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (98) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2026.1 lumens
Efficiency: N/A
Efficacy: 135.1 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

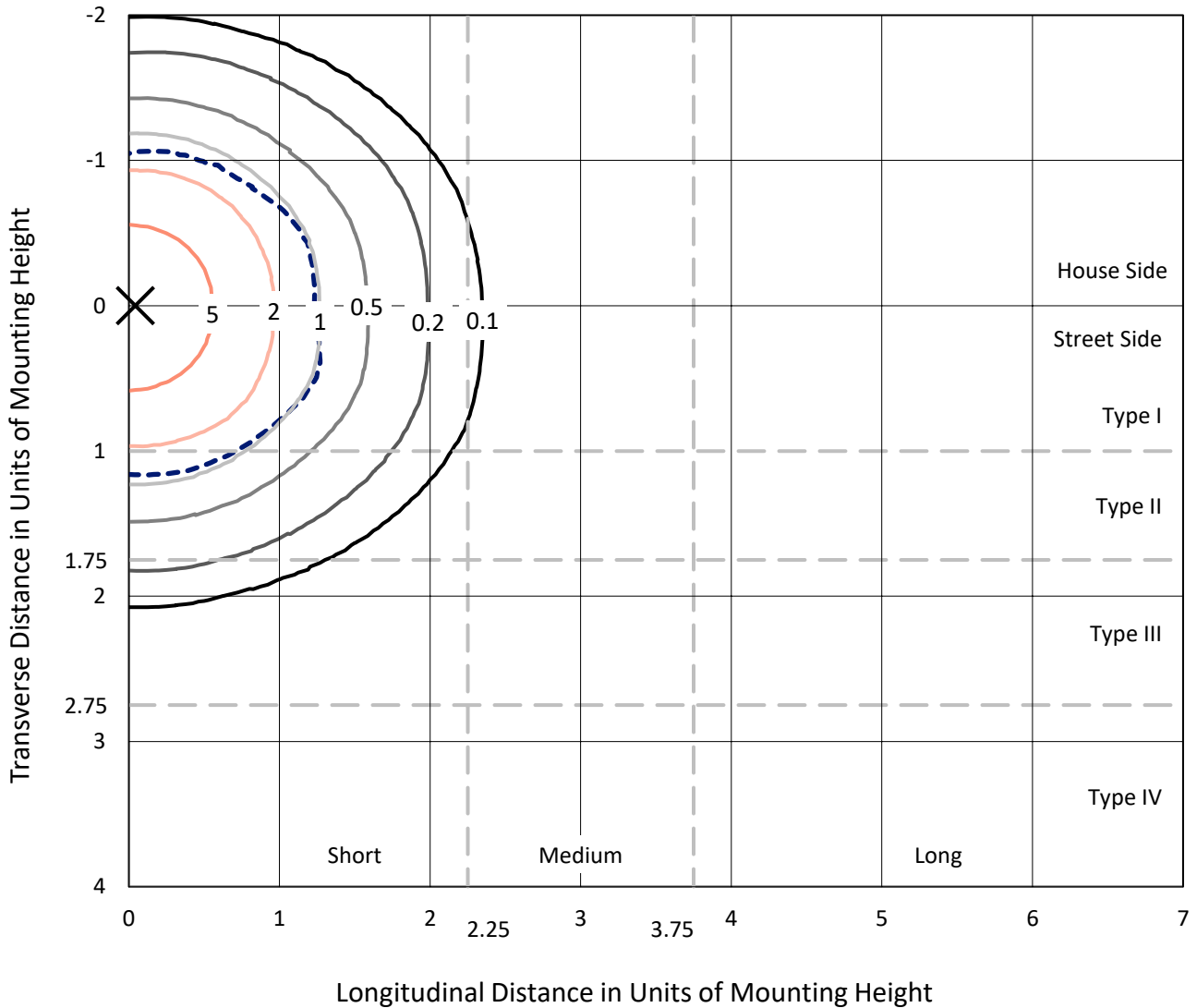
Input Watts (W): 15
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

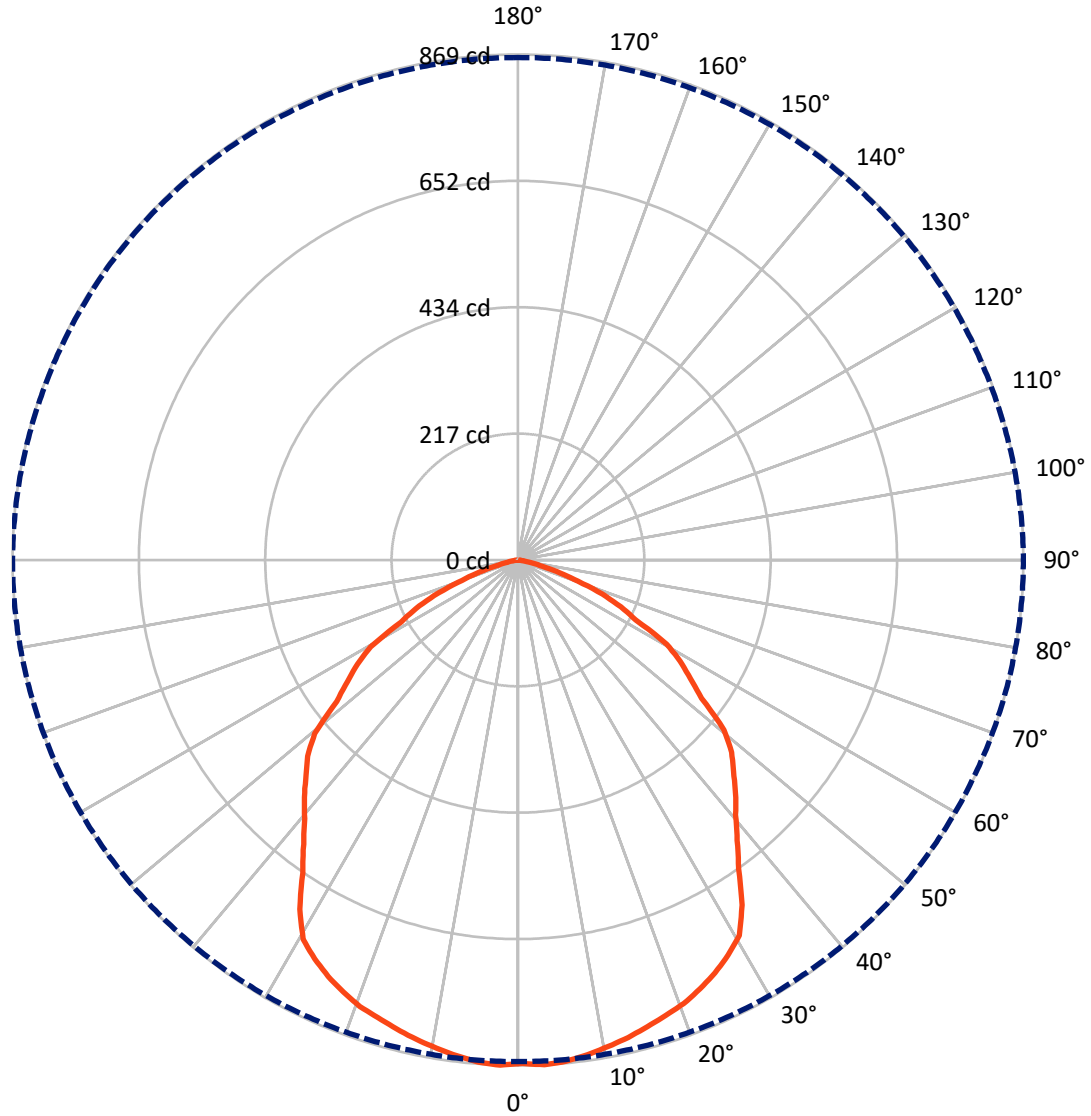
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.7 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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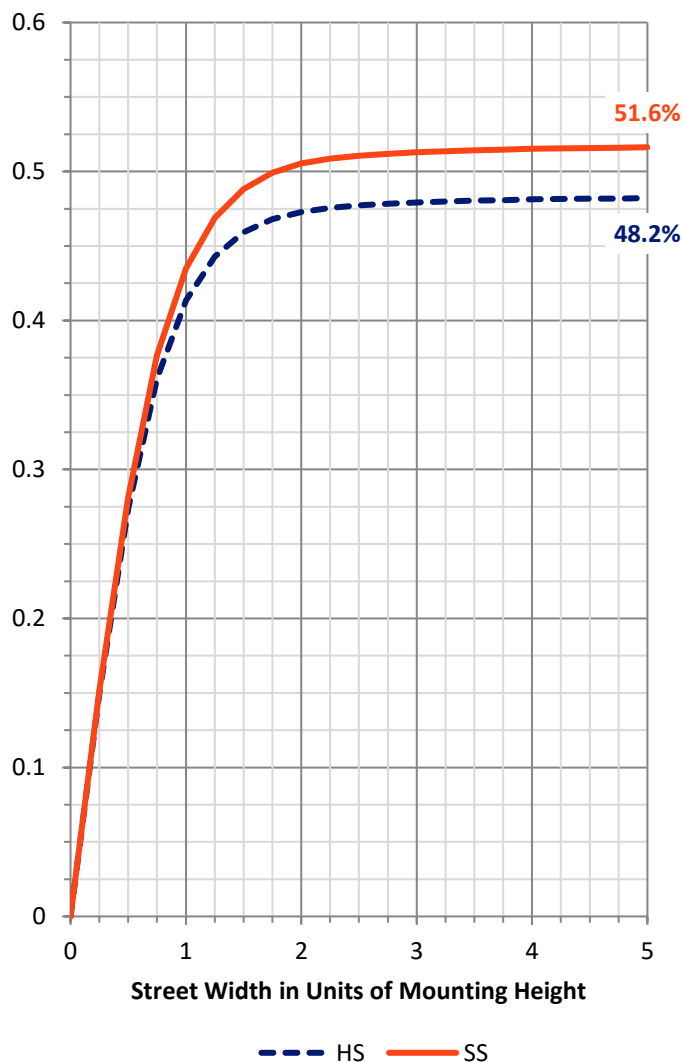
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	982.1	0.0	982.1
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1044.0	0.0	1044.0
	% Fixture	51.5	0.0	51.5
Total	Lumens	2026.1	0.0	2026.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.1	4.1
10°-20°	236.6	11.7
20°-30°	365.1	18.0
30°-40°	433.1	21.4
40°-50°	405.8	20.0
50°-60°	303.5	15.0
60°-70°	152.9	7.5
70°-80°	42.8	2.1
80°-90°	4.2	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°	2026.1	100.0
0°-180°	2026.1	100.0

Coefficient of Utilization



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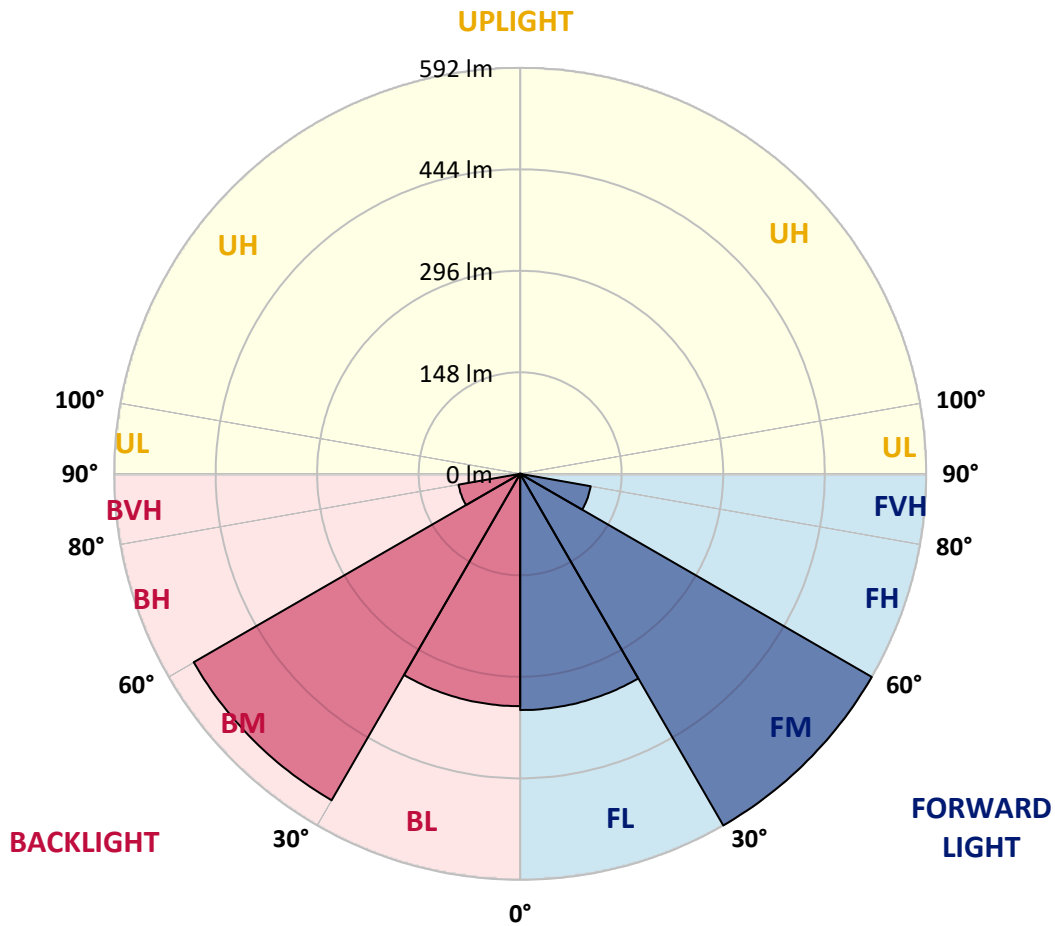
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	344.7	17.0			
FM (30°-60°)	592.4	29.2			
FH (60°-80°)	104.5	5.2			G0/660
FVH (80°-90°)	2.4	0.1			G0/10
BL (0°-30°)	339.1	16.7	B1/500		
BM (30°-60°)	550.0	27.1	B1/1000		
BH (60°-80°)	91.2	4.5	B0/110		G0/660
BVH (80°-90°)	1.8	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°	865.3	865.3	865.3	865.3	865.3	865.3	865.3	865.3	865.3	865.3	865.3
2.5°	862.1	862.8	863.6	864.8	866.2	867.2	867.8	868.2	868.5	868.8	867.6
5°	860.1	861.6	863.0	864.3	865.6	866.4	866.7	866.9	866.3	865.7	866.0
7.5°	858.5	859.3	860.1	860.6	861.1	861.6	862.2	862.2	860.4	858.7	858.6
10°	856.1	856.9	857.7	857.3	856.5	856.3	856.7	856.3	853.4	850.5	851.2
12.5°	851.9	852.0	852.1	851.6	850.8	849.4	847.4	845.4	843.8	842.2	842.4
15°	845.5	845.3	845.1	844.7	844.1	842.3	839.2	836.4	834.4	832.4	832.7
17.5°	838.1	837.2	836.4	835.9	835.5	833.7	830.3	827.2	825.0	822.9	823.0
20°	830.2	830.0	829.8	828.2	826.1	823.7	820.8	818.1	816.0	813.9	814.0
22.5°	820.5	821.0	821.5	818.9	815.2	812.2	809.9	807.4	804.2	801.0	800.7
25°	808.9	809.0	809.1	806.5	803.1	800.0	797.1	794.0	790.2	786.5	786.3
27.5°	797.4	796.0	794.6	792.7	790.5	787.4	783.4	779.2	774.2	769.2	768.9
30°	780.9	779.9	778.9	777.4	775.9	772.7	767.8	762.5	755.9	749.3	749.3
32.5°	761.8	760.5	759.2	758.1	757.1	753.5	747.3	738.7	723.1	707.5	710.0
35°	731.2	733.9	736.6	736.5	735.4	729.7	719.4	705.1	679.1	653.1	653.7
37.5°	662.0	675.8	689.5	699.5	708.1	701.4	679.3	657.1	634.5	612.0	609.3
40°	614.2	619.2	624.2	645.3	671.7	669.5	638.8	611.3	593.7	576.1	576.6
42.5°	582.9	584.6	586.4	608.9	638.2	635.2	599.7	570.4	559.5	548.6	550.0
45°	510.1	527.9	545.7	566.2	587.5	586.4	562.7	542.1	530.7	519.3	522.7
47.5°	465.7	472.7	479.7	493.3	509.1	517.1	517.1	514.6	504.5	494.3	496.6
50°	426.7	432.9	439.1	446.5	454.4	465.0	478.2	484.9	472.0	459.1	463.9
52.5°	352.7	365.6	378.4	390.0	401.1	417.7	439.7	449.4	422.3	395.2	403.9
55°	316.7	320.1	323.5	330.4	338.4	357.0	386.1	402.6	380.9	359.3	361.8
57.5°	248.4	259.9	271.4	285.2	299.8	320.6	347.8	363.8	346.3	328.8	330.2
60°	201.1	211.6	222.1	233.4	244.9	267.9	302.2	324.2	308.9	293.6	293.2
62.5°	154.9	160.4	165.9	182.0	201.5	224.0	249.6	264.2	245.7	227.2	232.2
65°	106.7	111.0	115.3	131.1	150.7	171.3	193.0	207.6	201.0	194.4	189.2
67.5°	64.1	68.7	73.3	89.6	109.9	131.5	154.5	170.1	163.3	156.5	152.3
70°	56.8	55.7	54.7	61.7	71.4	87.5	110.1	125.2	117.4	109.6	104.0
72.5°	46.8	46.4	46.1	46.0	45.9	54.1	70.5	82.0	78.6	75.3	72.0
75°	35.4	35.4	35.4	34.6	33.6	38.0	47.8	53.8	48.2	42.6	42.4
77.5°	24.6	24.6	24.6	24.4	24.2	25.4	27.9	29.1	26.1	23.1	23.4
80°	14.7	14.7	14.8	14.9	15.0	14.7	14.2	13.5	12.2	11.0	10.9
82.5°	7.1	7.2	7.2	7.4	7.6	7.6	7.6	7.3	6.2	5.0	5.2
85°	2.5	2.5	2.4	2.5	2.6	2.8	3.0	3.0	2.5	2.0	2.0
87.5°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	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°	865.3	865.3	865.3	865.3	865.3	865.3	865.3	865.3
2.5°	866.4	866.0	866.0	865.5	864.6	863.8	863.8	863.7
5°	866.2	864.6	862.4	861.5	862.0	862.2	861.6	861.1
7.5°	858.5	858.3	858.1	858.0	857.9	857.7	857.7	857.6
10°	851.9	851.9	851.7	851.8	852.1	852.1	850.9	849.7
12.5°	842.6	843.3	844.2	844.0	842.8	841.8	841.5	841.2
15°	833.0	833.5	834.0	833.8	832.8	832.0	831.8	831.6
17.5°	823.1	822.5	821.6	821.0	820.8	820.8	821.4	822.1
20°	814.1	812.4	810.1	809.0	809.3	809.5	809.4	809.3
22.5°	800.5	799.2	797.5	796.7	796.7	796.6	795.9	795.3
25°	786.1	785.0	783.6	782.2	780.7	779.6	779.6	779.6
27.5°	768.7	767.7	766.5	765.5	764.6	763.7	762.7	761.8
30°	749.4	748.7	747.7	746.5	745.2	743.9	742.9	741.9
32.5°	712.5	717.9	724.2	726.1	723.5	721.2	719.9	718.7
35°	654.3	671.4	693.9	703.4	699.8	693.2	677.4	661.7
37.5°	606.7	629.6	661.0	668.1	651.1	634.3	618.1	601.9
40°	577.1	594.2	616.8	617.0	594.7	577.3	574.7	572.1
42.5°	551.5	556.9	563.6	562.3	552.9	543.0	532.0	521.0
45°	526.1	522.5	516.4	509.9	502.9	492.8	473.4	453.9
47.5°	499.0	483.6	462.4	447.8	439.8	432.7	428.2	423.8
50°	468.8	451.1	425.8	410.4	404.8	395.7	376.3	356.8
52.5°	412.7	401.6	384.0	366.3	348.5	333.0	324.1	315.2
55°	364.4	348.1	325.6	308.7	297.6	285.4	270.1	254.8
57.5°	331.6	313.1	288.1	265.6	245.4	228.8	223.2	217.6
60°	292.7	268.7	236.9	214.6	201.9	189.0	175.6	162.2
62.5°	237.3	220.1	195.3	172.9	152.8	135.9	129.1	122.3
65°	184.1	167.0	146.0	126.3	107.9	92.7	87.0	81.4
67.5°	148.2	130.8	109.0	90.3	74.7	63.1	63.9	64.7
70°	98.3	86.9	73.5	63.6	57.1	52.5	53.8	55.1
72.5°	68.7	58.6	46.3	40.4	41.1	41.7	42.4	43.1
75°	42.2	37.7	31.8	29.1	29.7	30.2	30.5	30.9
77.5°	23.7	22.5	20.7	19.7	19.7	19.7	19.8	19.9
80°	10.8	11.0	11.3	11.3	11.0	10.8	10.9	10.9
82.5°	5.3	5.4	5.4	5.2	4.8	4.5	4.5	4.5
85°	2.1	2.0	1.8	1.7	1.6	1.5	1.6	1.7
87.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)