

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: P600754

Luminaire Tested: **ASWPLED1S-24W-3000K**

Issue Date: 7/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P600754  
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-24W-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: 2882.9 lumens  
Efficiency: N/A  
Efficacy: 124.8 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

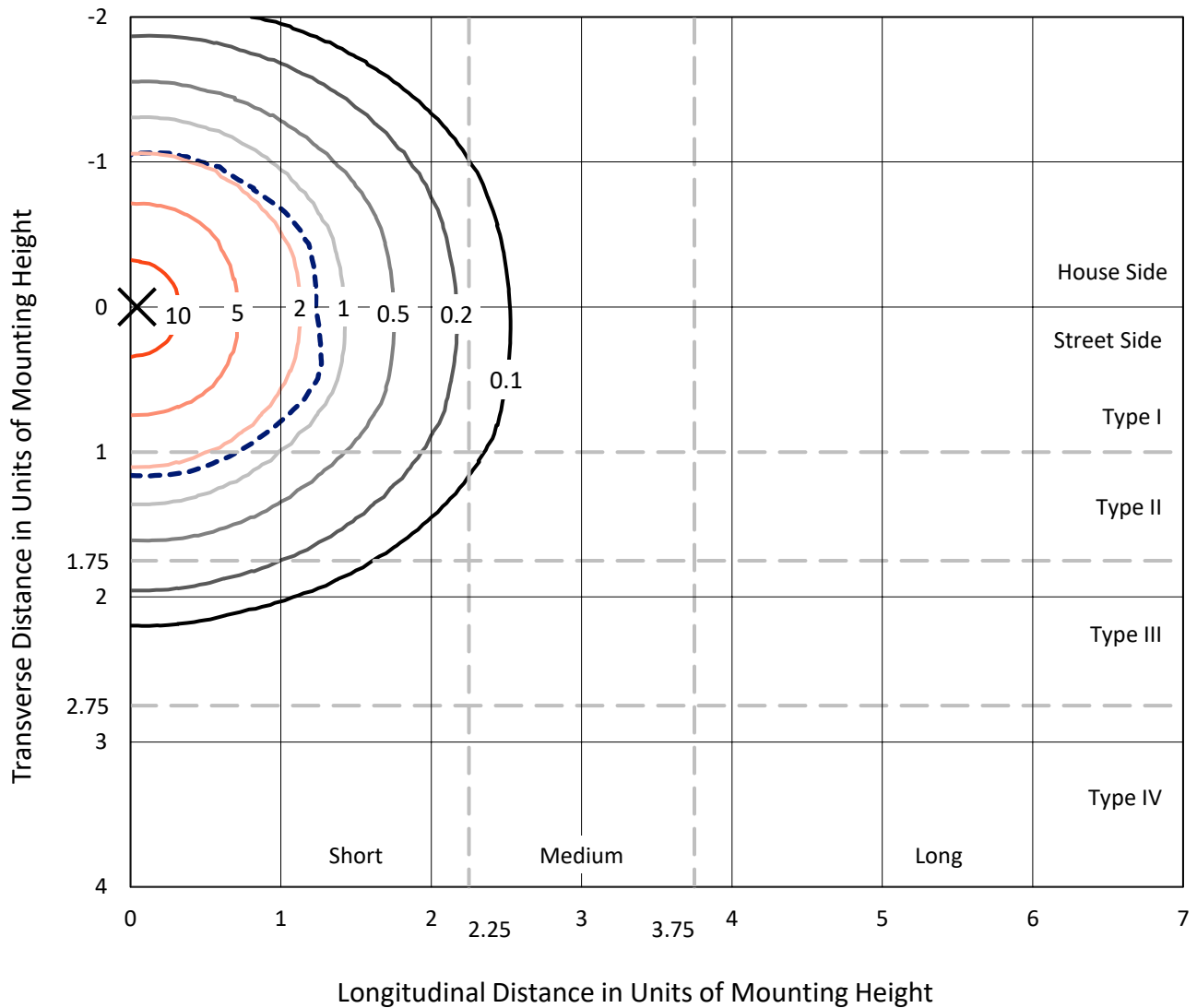
Input Watts (W): 23.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

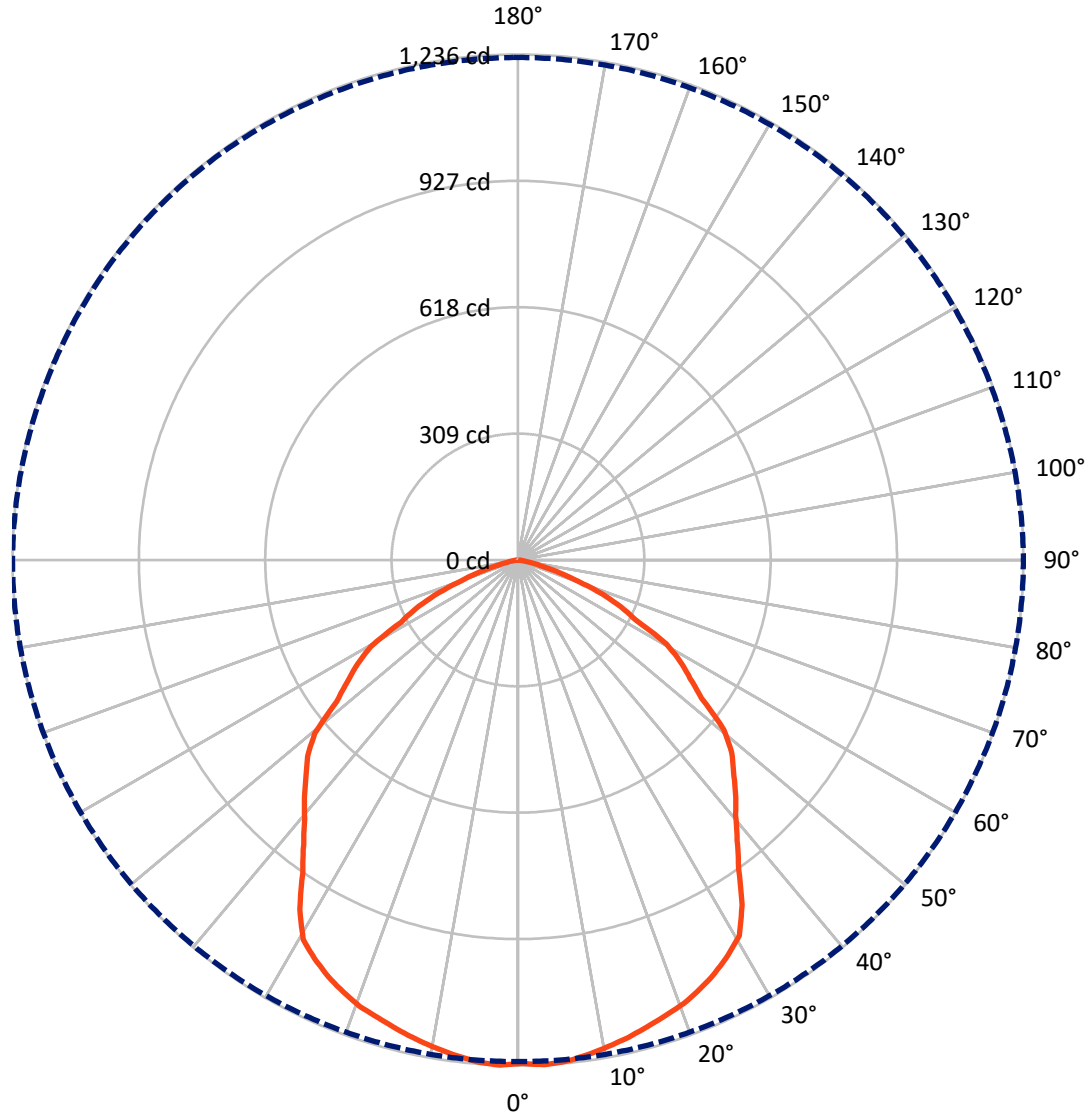
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.3 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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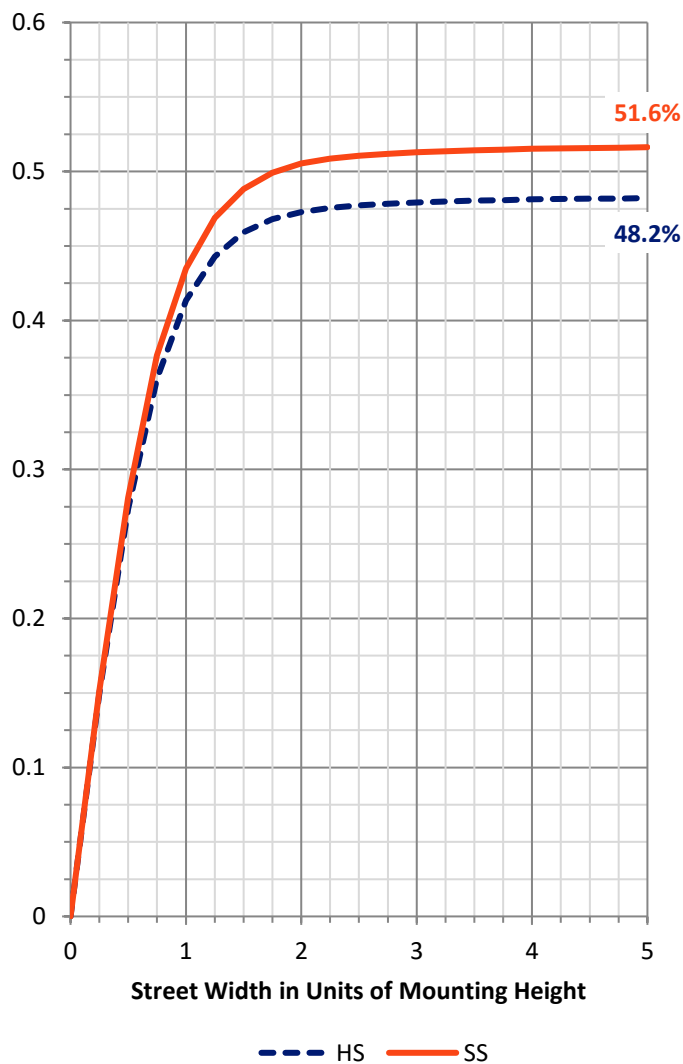
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1397.5	0.0	1397.5
	% Fixture	48.5	0.0	48.5
<b>Street Side</b>	Lumens	1485.5	0.0	1485.5
	% Fixture	51.5	0.0	51.5
<b>Total</b>	Lumens	2882.9	0.0	2882.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.9	4.1
10°-20°	336.6	11.7
20°-30°	519.5	18.0
30°-40°	616.3	21.4
40°-50°	577.4	20.0
50°-60°	431.9	15.0
60°-70°	217.6	7.5
70°-80°	60.9	2.1
80°-90°	6.0	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°	2882.9	100.0
0°-180°	2882.9	100.0

**Coefficient of Utilization**



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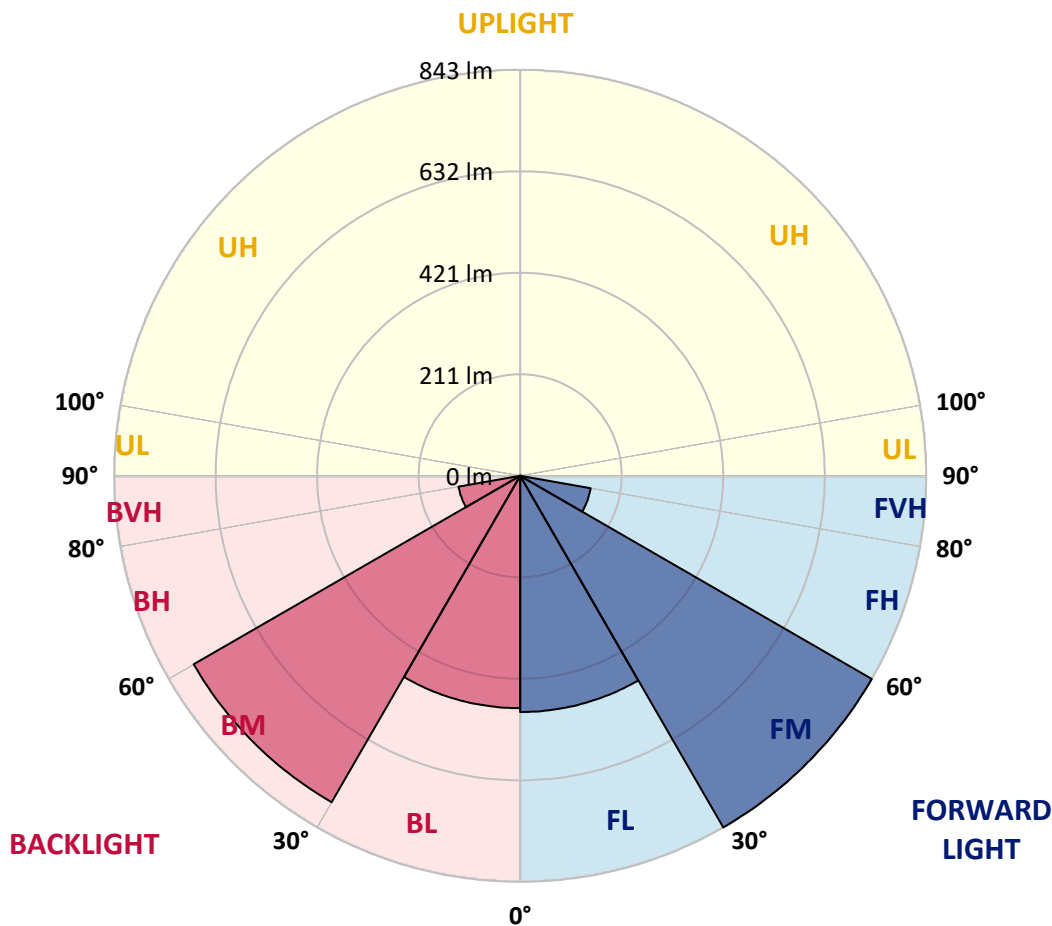
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	490.5	17.0			
FM (30°-60°)	842.9	29.2			
FH (60°-80°)	148.6	5.2			G0/660
FVH (80°-90°)	3.4	0.1			G0/10
BL (0°-30°)	482.5	16.7	B1/500		
BM (30°-60°)	782.6	27.1	B1/1000		
BH (60°-80°)	129.8	4.5	B1/500		G0/660
BVH (80°-90°)	2.6	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°	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3
2.5°	1226.7	1227.7	1228.8	1230.6	1232.6	1234.0	1234.8	1235.4	1235.8	1236.2	1234.5
5°	1223.8	1225.9	1228.1	1229.9	1231.6	1232.8	1233.3	1233.5	1232.7	1231.9	1232.3
7.5°	1221.5	1222.6	1223.8	1224.6	1225.3	1226.0	1226.8	1226.8	1224.3	1221.9	1221.7
10°	1218.1	1219.3	1220.4	1219.9	1218.8	1218.5	1219.0	1218.4	1214.3	1210.3	1211.3
12.5°	1212.2	1212.3	1212.5	1211.8	1210.7	1208.7	1205.8	1203.0	1200.7	1198.4	1198.7
15°	1203.1	1202.9	1202.7	1202.0	1201.1	1198.5	1194.1	1190.1	1187.2	1184.4	1184.9
17.5°	1192.5	1191.3	1190.1	1189.4	1188.9	1186.2	1181.4	1177.0	1173.9	1170.9	1171.0
20°	1181.3	1181.0	1180.8	1178.5	1175.6	1172.0	1167.9	1164.1	1161.1	1158.2	1158.3
22.5°	1167.6	1168.3	1169.0	1165.3	1160.0	1155.7	1152.4	1148.8	1144.3	1139.8	1139.4
25°	1151.1	1151.2	1151.3	1147.6	1142.7	1138.3	1134.2	1129.9	1124.5	1119.2	1118.8
27.5°	1134.8	1132.7	1130.7	1127.9	1124.8	1120.5	1114.8	1108.7	1101.6	1094.5	1094.1
30°	1111.1	1109.7	1108.3	1106.3	1104.0	1099.5	1092.6	1085.0	1075.6	1066.2	1066.3
32.5°	1084.1	1082.2	1080.3	1078.8	1077.4	1072.2	1063.4	1051.2	1028.9	1006.7	1010.3
35°	1040.4	1044.3	1048.2	1048.0	1046.5	1038.3	1023.6	1003.3	966.3	929.3	930.2
37.5°	942.0	961.6	981.1	995.3	1007.6	998.1	966.6	935.0	902.9	870.8	867.0
40°	873.9	881.1	888.2	918.2	955.7	952.7	909.0	869.9	844.9	819.8	820.5
42.5°	829.4	831.9	834.5	866.4	908.1	903.8	853.4	811.7	796.1	780.5	782.6
45°	725.8	751.2	776.6	805.7	836.0	834.4	800.7	771.4	755.2	739.0	743.8
47.5°	662.7	672.6	682.5	701.9	724.5	735.8	735.8	732.2	717.8	703.4	706.7
50°	607.2	616.0	624.8	635.4	646.7	661.7	680.5	690.0	671.7	653.3	660.2
52.5°	501.9	520.2	538.5	554.9	570.7	594.3	625.6	639.5	600.9	562.3	574.7
55°	450.7	455.5	460.4	470.1	481.5	508.0	549.5	572.9	542.0	511.2	514.8
57.5°	353.4	369.8	386.2	405.8	426.5	456.2	494.9	517.7	492.8	467.9	469.9
60°	286.2	301.1	316.0	332.0	348.5	381.1	430.0	461.3	439.5	417.7	417.1
62.5°	220.4	228.2	236.1	258.9	286.7	318.8	355.2	375.9	349.6	323.2	330.4
65°	151.8	157.9	164.1	186.5	214.4	243.8	274.7	295.5	286.1	276.7	269.4
67.5°	91.2	97.7	104.2	127.5	156.3	187.1	219.8	242.0	232.3	222.7	216.7
70°	80.8	79.3	77.8	87.7	101.5	124.5	156.7	178.0	167.0	156.0	148.0
72.5°	66.6	66.1	65.6	65.4	65.3	76.9	100.3	116.6	111.9	107.1	102.5
75°	50.4	50.4	50.3	49.2	47.8	54.1	68.0	76.5	68.6	60.6	60.3
77.5°	35.0	35.0	35.0	34.8	34.5	36.1	39.7	41.3	37.0	32.8	33.2
80°	21.0	21.0	21.1	21.2	21.3	21.0	20.2	19.2	17.4	15.6	15.5
82.5°	10.1	10.2	10.2	10.5	10.8	10.9	10.9	10.4	8.8	7.1	7.3
85°	3.5	3.4	3.3	3.5	3.7	3.9	4.2	4.2	3.5	2.8	2.9
87.5°	1.4	1.4	1.4	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.3
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°	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3	1231.3
2.5°	1232.8	1232.3	1232.3	1231.6	1230.3	1229.2	1229.1	1229.0
5°	1232.6	1230.3	1227.2	1225.9	1226.6	1226.9	1226.1	1225.3
7.5°	1221.5	1221.3	1221.1	1220.9	1220.7	1220.5	1220.4	1220.3
10°	1212.3	1212.3	1212.0	1212.0	1212.5	1212.5	1210.8	1209.1
12.5°	1199.0	1200.0	1201.2	1200.9	1199.2	1197.8	1197.3	1196.9
15°	1185.4	1186.0	1186.7	1186.4	1185.0	1183.9	1183.6	1183.3
17.5°	1171.2	1170.3	1169.0	1168.2	1167.9	1167.9	1168.9	1169.9
20°	1158.4	1155.9	1152.6	1151.2	1151.6	1151.9	1151.7	1151.6
22.5°	1139.0	1137.1	1134.7	1133.6	1133.7	1133.5	1132.6	1131.7
25°	1118.5	1116.9	1115.0	1113.0	1110.9	1109.4	1109.4	1109.4
27.5°	1093.8	1092.4	1090.7	1089.2	1088.0	1086.7	1085.3	1084.0
30°	1066.4	1065.4	1064.0	1062.3	1060.4	1058.5	1057.1	1055.7
32.5°	1013.9	1021.5	1030.5	1033.2	1029.5	1026.2	1024.4	1022.6
35°	931.1	955.3	987.4	1000.8	995.7	986.3	964.0	941.6
37.5°	863.3	895.9	940.5	950.7	926.5	902.6	879.5	856.5
40°	821.1	845.5	877.7	877.9	846.2	821.5	817.7	814.0
42.5°	784.8	792.5	802.0	800.1	786.7	772.7	757.1	741.4
45°	748.6	743.4	734.9	725.6	715.7	701.3	673.6	645.9
47.5°	710.0	688.2	657.9	637.1	625.8	615.8	609.4	603.0
50°	667.1	641.9	606.0	584.0	576.0	563.1	535.4	507.8
52.5°	587.2	571.5	546.4	521.2	495.9	473.8	461.2	448.6
55°	518.5	495.3	463.2	439.3	423.4	406.1	384.3	362.6
57.5°	471.8	445.6	410.0	377.8	349.1	325.6	317.6	309.6
60°	416.5	382.4	337.1	305.3	287.2	268.8	249.8	230.8
62.5°	337.6	313.1	277.9	246.0	217.4	193.4	183.8	174.1
65°	262.0	237.7	207.8	179.7	153.5	131.9	123.8	115.8
67.5°	210.8	186.1	155.0	128.4	106.2	89.8	90.9	92.1
70°	139.9	123.6	104.5	90.4	81.1	74.7	76.5	78.4
72.5°	97.8	83.5	65.9	57.5	58.4	59.3	60.3	61.3
75°	60.1	53.7	45.2	41.4	42.3	43.0	43.5	44.0
77.5°	33.7	31.9	29.4	28.1	28.1	28.0	28.2	28.3
80°	15.3	15.6	16.1	16.1	15.6	15.3	15.4	15.5
82.5°	7.6	7.7	7.7	7.4	6.9	6.5	6.4	6.4
85°	3.0	2.8	2.6	2.4	2.2	2.1	2.3	2.5
87.5°	1.4	1.4	1.3	1.2	1.3	1.3	1.3	1.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)