

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: P600756

Luminaire Tested: **ASWPLED1S-24W-5000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600756
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-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: 2981.2 lumens
Efficiency: N/A
Efficacy: 129.1 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

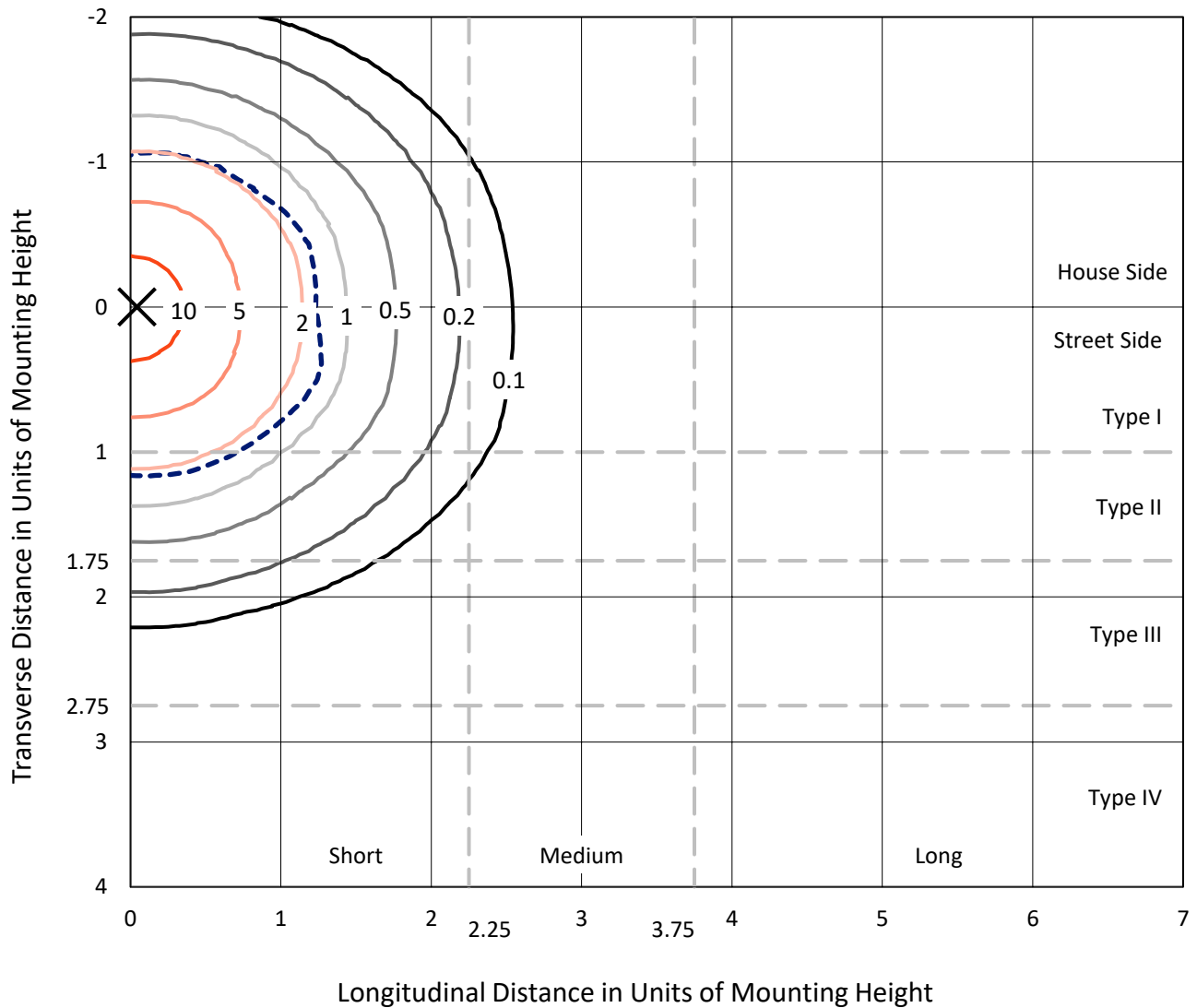
Input Watts (W): 23.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

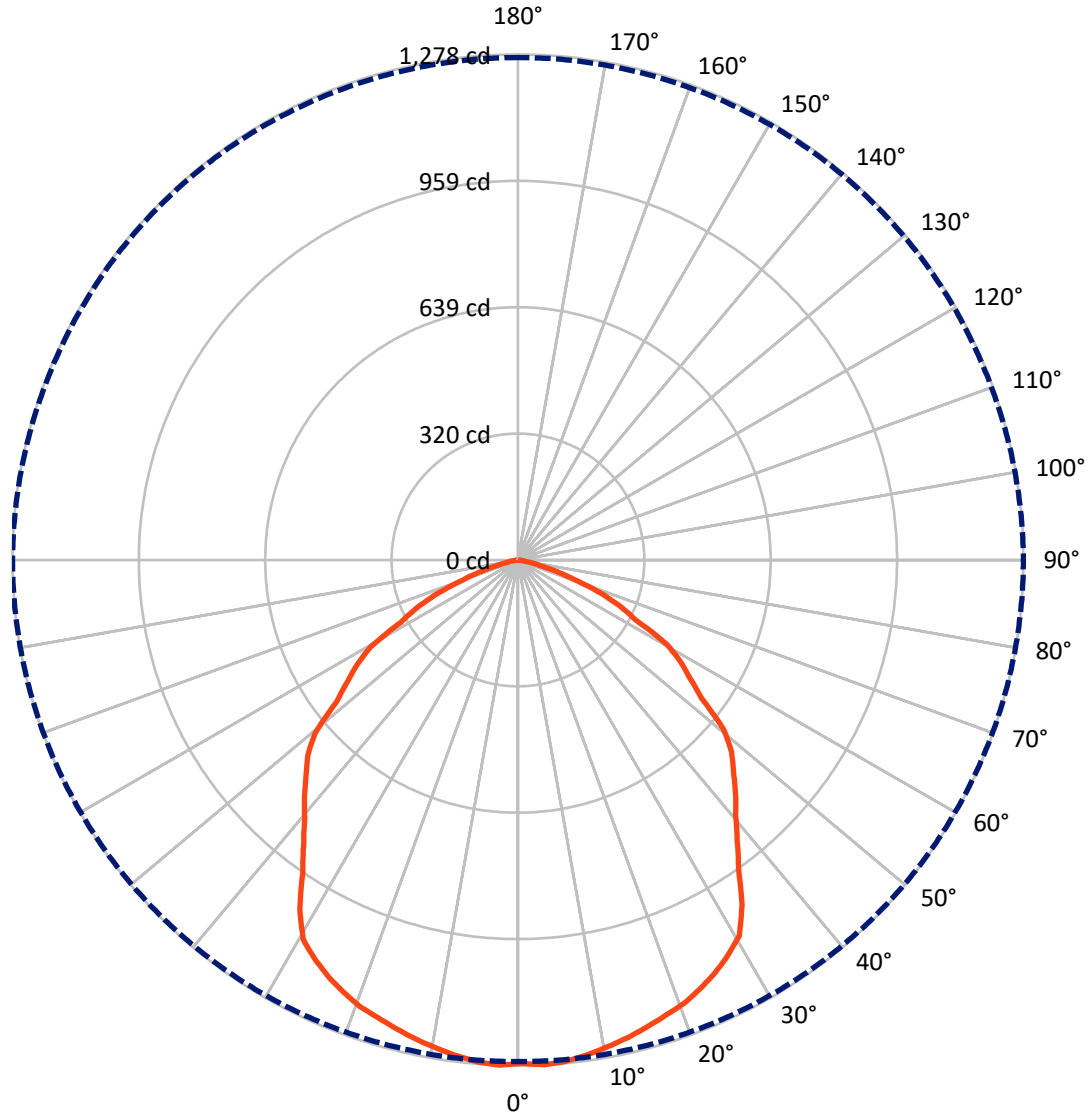
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.7 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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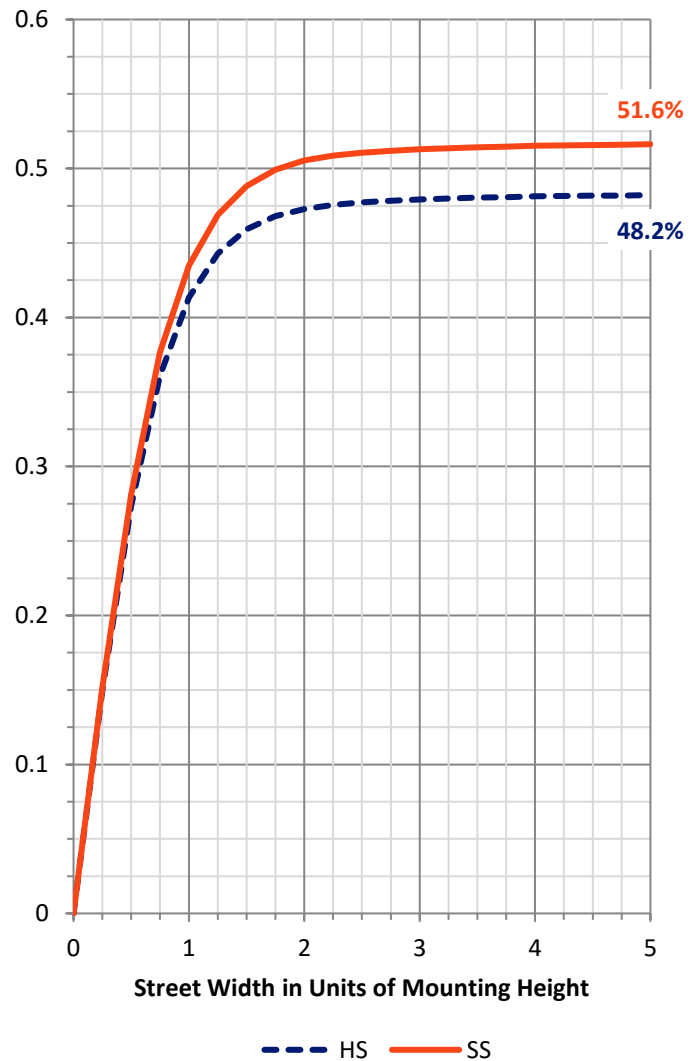
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1445.1	0.0	1445.1
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1536.1	0.0	1536.1
	% Fixture	51.5	0.0	51.5
Total	Lumens	2981.2	0.0	2981.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.8	4.1
10°-20°	348.1	11.7
20°-30°	537.2	18.0
30°-40°	637.3	21.4
40°-50°	597.1	20.0
50°-60°	446.6	15.0
60°-70°	225.0	7.5
70°-80°	63.0	2.1
80°-90°	6.2	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°	2981.2	100.0
0°-180°	2981.2	100.0

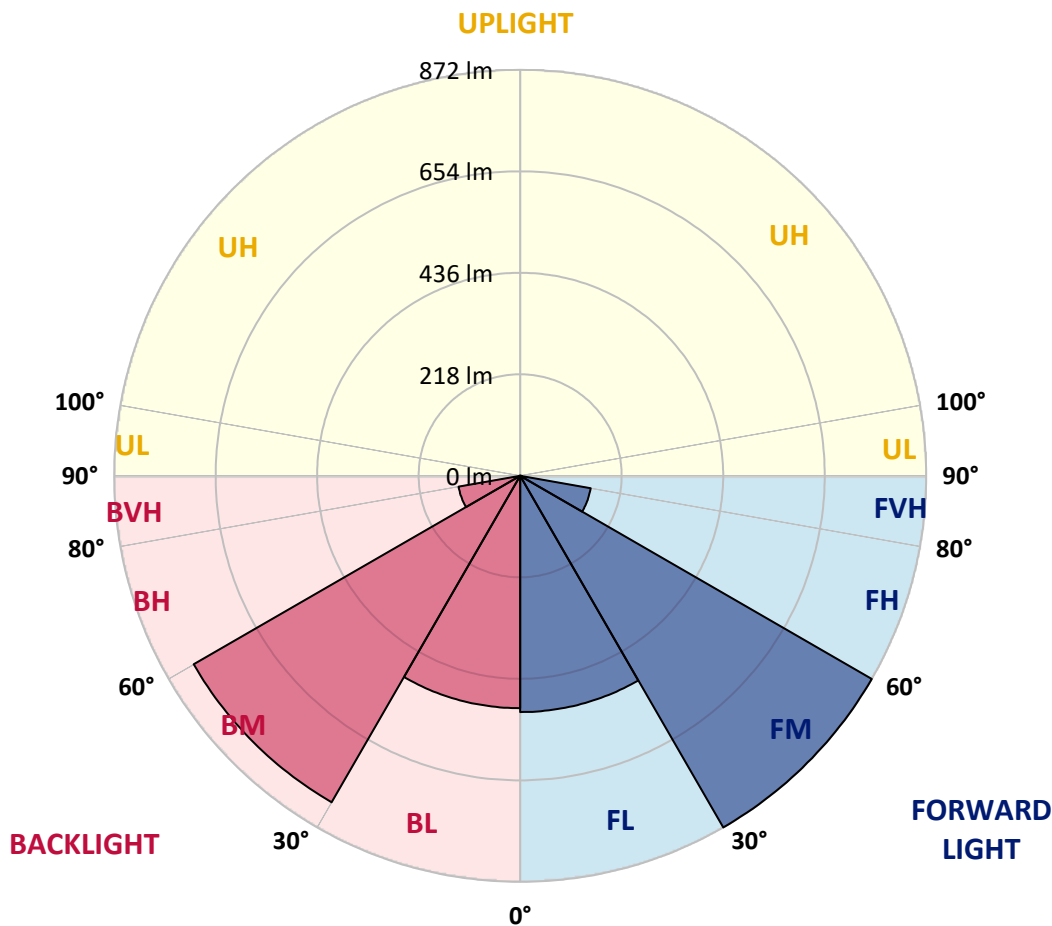


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	507.2	17.0			
FM (30°-60°)	871.6	29.2			
FH (60°-80°)	153.7	5.2			G0/660
FVH (80°-90°)	3.5	0.1			G0/10
BL (0°-30°)	498.9	16.7	B1/500		
BM (30°-60°)	809.3	27.1	B1/1000		
BH (60°-80°)	134.3	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°	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3
2.5°	1268.5	1269.6	1270.7	1272.5	1274.6	1276.1	1276.8	1277.5	1277.9	1278.4	1276.6
5°	1265.5	1267.7	1269.9	1271.8	1273.6	1274.8	1275.3	1275.5	1274.6	1273.8	1274.2
7.5°	1263.1	1264.3	1265.5	1266.3	1267.0	1267.8	1268.6	1268.6	1266.1	1263.5	1263.3
10°	1259.7	1260.9	1262.0	1261.4	1260.3	1260.0	1260.6	1259.9	1255.7	1251.5	1252.5
12.5°	1253.5	1253.7	1253.9	1253.1	1252.0	1249.9	1246.9	1244.0	1241.6	1239.2	1239.5
15°	1244.1	1243.9	1243.7	1242.9	1242.0	1239.3	1234.8	1230.7	1227.7	1224.8	1225.2
17.5°	1233.2	1231.9	1230.7	1230.0	1229.4	1226.6	1221.6	1217.1	1213.9	1210.7	1210.9
20°	1221.6	1221.3	1221.0	1218.6	1215.6	1212.0	1207.7	1203.7	1200.7	1197.7	1197.8
22.5°	1207.4	1208.1	1208.8	1204.9	1199.5	1195.1	1191.6	1187.9	1183.2	1178.6	1178.2
25°	1190.3	1190.4	1190.6	1186.8	1181.7	1177.1	1172.9	1168.3	1162.8	1157.3	1156.9
27.5°	1173.4	1171.3	1169.2	1166.3	1163.2	1158.7	1152.8	1146.5	1139.2	1131.8	1131.4
30°	1149.0	1147.5	1146.1	1144.0	1141.7	1136.9	1129.8	1122.0	1112.3	1102.6	1102.6
32.5°	1121.0	1119.0	1117.0	1115.5	1114.0	1108.7	1099.6	1087.0	1064.0	1041.0	1044.7
35°	1075.9	1079.9	1083.9	1083.7	1082.1	1073.7	1058.5	1037.5	999.2	960.9	961.9
37.5°	974.1	994.3	1014.5	1029.2	1042.0	1032.1	999.5	966.8	933.6	900.5	896.6
40°	903.7	911.1	918.5	949.5	988.4	985.2	939.9	899.5	873.6	847.7	848.4
42.5°	857.6	860.2	862.9	895.9	939.1	934.6	882.5	839.4	823.2	807.1	809.3
45°	750.6	776.8	803.0	833.1	864.5	862.8	828.0	797.7	781.0	764.2	769.2
47.5°	685.3	695.5	705.8	725.9	749.2	760.9	760.9	757.2	742.2	727.3	730.8
50°	627.9	637.0	646.0	657.0	668.7	684.2	703.7	713.5	694.5	675.5	682.6
52.5°	519.1	537.9	556.8	573.8	590.2	614.6	646.9	661.2	621.3	581.5	594.3
55°	466.0	471.0	476.0	486.1	497.9	525.3	568.2	592.4	560.5	528.6	532.4
57.5°	365.5	382.4	399.3	419.6	441.1	471.8	511.7	535.3	509.6	483.8	485.8
60°	295.9	311.3	326.7	343.4	360.4	394.2	444.7	477.0	454.5	432.0	431.4
62.5°	227.9	236.0	244.2	267.8	296.5	329.7	367.3	388.7	361.5	334.3	341.7
65°	157.0	163.4	169.7	192.9	221.7	252.1	284.0	305.6	295.8	286.1	278.5
67.5°	94.3	101.0	107.8	131.8	161.6	193.5	227.3	250.2	240.2	230.3	224.1
70°	83.5	82.0	80.5	90.8	105.0	128.7	162.0	184.1	172.7	161.3	153.0
72.5°	68.8	68.3	67.8	67.6	67.5	79.5	103.7	120.5	115.7	110.8	106.0
75°	52.1	52.1	52.0	50.9	49.4	55.9	70.4	79.1	70.9	62.7	62.4
77.5°	36.1	36.1	36.1	35.9	35.6	37.4	41.1	42.8	38.3	33.9	34.3
80°	21.7	21.8	21.9	22.0	22.1	21.7	20.9	19.8	18.0	16.2	16.0
82.5°	10.5	10.5	10.6	10.9	11.2	11.3	11.2	10.8	9.1	7.4	7.6
85°	3.6	3.6	3.5	3.7	3.9	4.1	4.3	4.3	3.6	2.9	3.0
87.5°	1.5	1.5	1.4	1.4	1.3	1.3	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°	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3	1273.3
2.5°	1274.8	1274.3	1274.3	1273.6	1272.2	1271.1	1270.9	1270.8
5°	1274.6	1272.2	1268.9	1267.7	1268.4	1268.7	1267.9	1267.1
7.5°	1263.2	1263.0	1262.7	1262.4	1262.2	1262.0	1261.9	1261.9
10°	1253.5	1253.6	1253.3	1253.3	1253.8	1253.8	1252.0	1250.3
12.5°	1239.9	1240.9	1242.1	1241.9	1240.1	1238.6	1238.1	1237.7
15°	1225.7	1226.4	1227.2	1226.9	1225.5	1224.3	1224.0	1223.6
17.5°	1211.1	1210.2	1208.8	1208.0	1207.7	1207.7	1208.7	1209.7
20°	1197.9	1195.3	1191.9	1190.4	1190.8	1191.1	1191.0	1190.9
22.5°	1177.8	1175.9	1173.4	1172.2	1172.3	1172.2	1171.2	1170.3
25°	1156.6	1155.0	1153.0	1150.9	1148.8	1147.2	1147.2	1147.2
27.5°	1131.1	1129.7	1127.9	1126.3	1125.0	1123.7	1122.3	1120.9
30°	1102.7	1101.6	1100.2	1098.5	1096.5	1094.6	1093.2	1091.7
32.5°	1048.5	1056.4	1065.7	1068.4	1064.6	1061.2	1059.3	1057.4
35°	962.9	987.9	1021.0	1035.0	1029.7	1019.9	996.8	973.7
37.5°	892.8	926.4	972.5	983.1	958.1	933.4	909.5	885.7
40°	849.1	874.3	907.6	907.8	875.0	849.4	845.6	841.8
42.5°	811.5	819.5	829.3	827.3	813.5	799.1	782.9	766.7
45°	774.2	768.7	759.8	750.3	740.1	725.2	696.6	667.9
47.5°	734.2	711.7	680.4	658.9	647.2	636.7	630.1	623.6
50°	689.7	663.7	626.6	603.9	595.7	582.3	553.7	525.1
52.5°	607.2	591.0	565.1	539.0	512.8	489.9	476.9	463.9
55°	536.2	512.2	479.1	454.3	437.8	419.9	397.4	374.9
57.5°	487.8	460.8	424.0	390.7	361.0	336.7	328.5	320.2
60°	430.8	395.4	348.5	315.7	297.0	278.0	258.3	238.7
62.5°	349.2	323.8	287.4	254.4	224.8	200.0	190.0	180.0
65°	270.9	245.8	214.9	185.8	158.7	136.3	128.0	119.7
67.5°	218.0	192.4	160.3	132.7	109.8	92.8	94.0	95.2
70°	144.7	127.8	108.1	93.5	84.0	77.3	79.2	81.1
72.5°	101.2	86.3	68.1	59.5	60.4	61.4	62.4	63.4
75°	62.1	55.5	46.8	42.8	43.7	44.5	45.0	45.5
77.5°	34.8	33.0	30.4	29.1	29.0	29.0	29.1	29.2
80°	15.8	16.2	16.7	16.7	16.2	15.8	15.9	16.0
82.5°	7.8	7.9	7.9	7.6	7.1	6.7	6.6	6.6
85°	3.1	2.9	2.7	2.5	2.3	2.2	2.4	2.6
87.5°	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)