

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: P600755

Luminaire Tested: **ASWPLED1S-24W-4000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600755
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-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: 3076.5 lumens
Efficiency: N/A
Efficacy: 133.2 lumens/watt
Luminous Opening: Rectangular (W 0.55' x L: 0.25' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

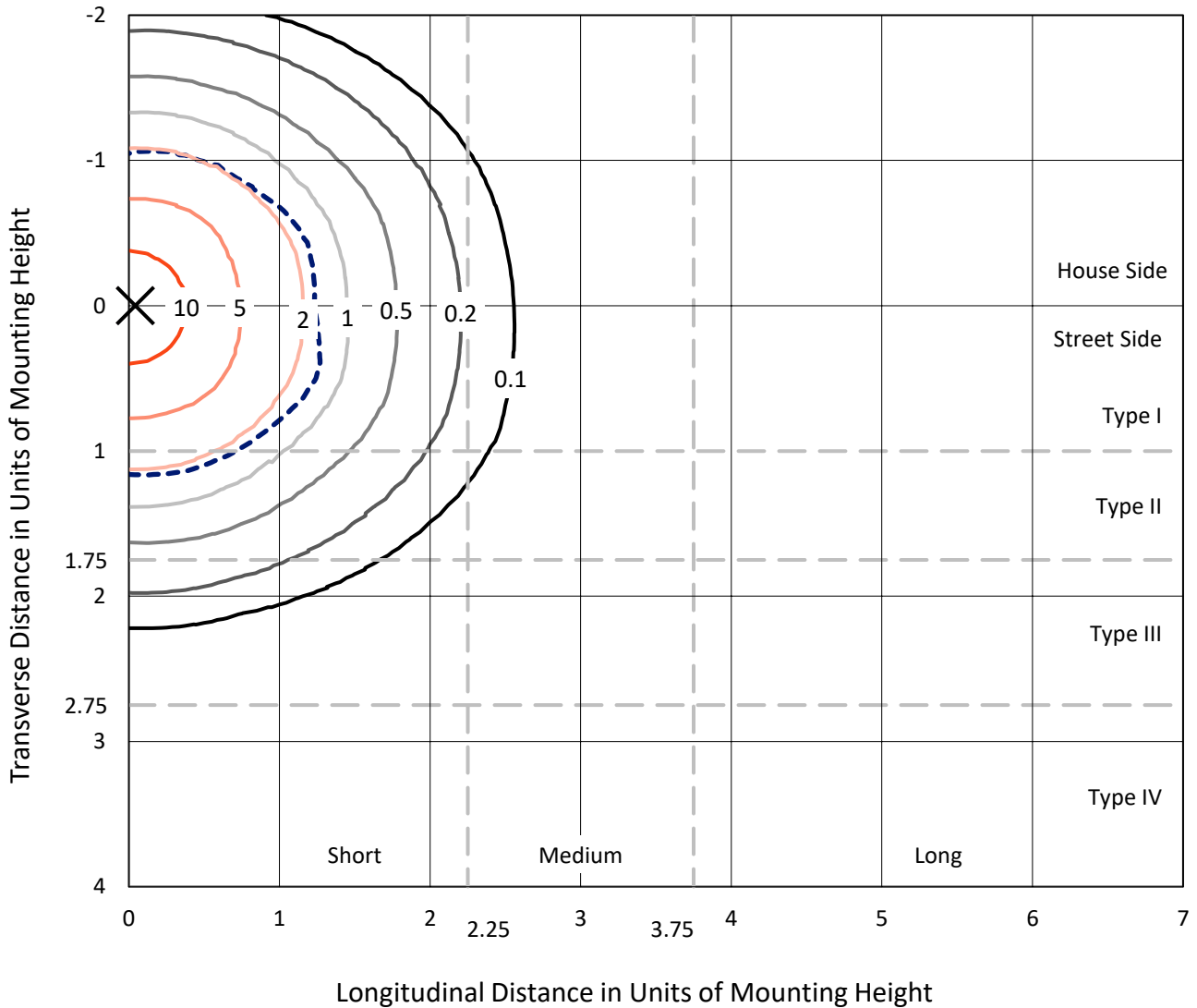
Input Watts (W): 23.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

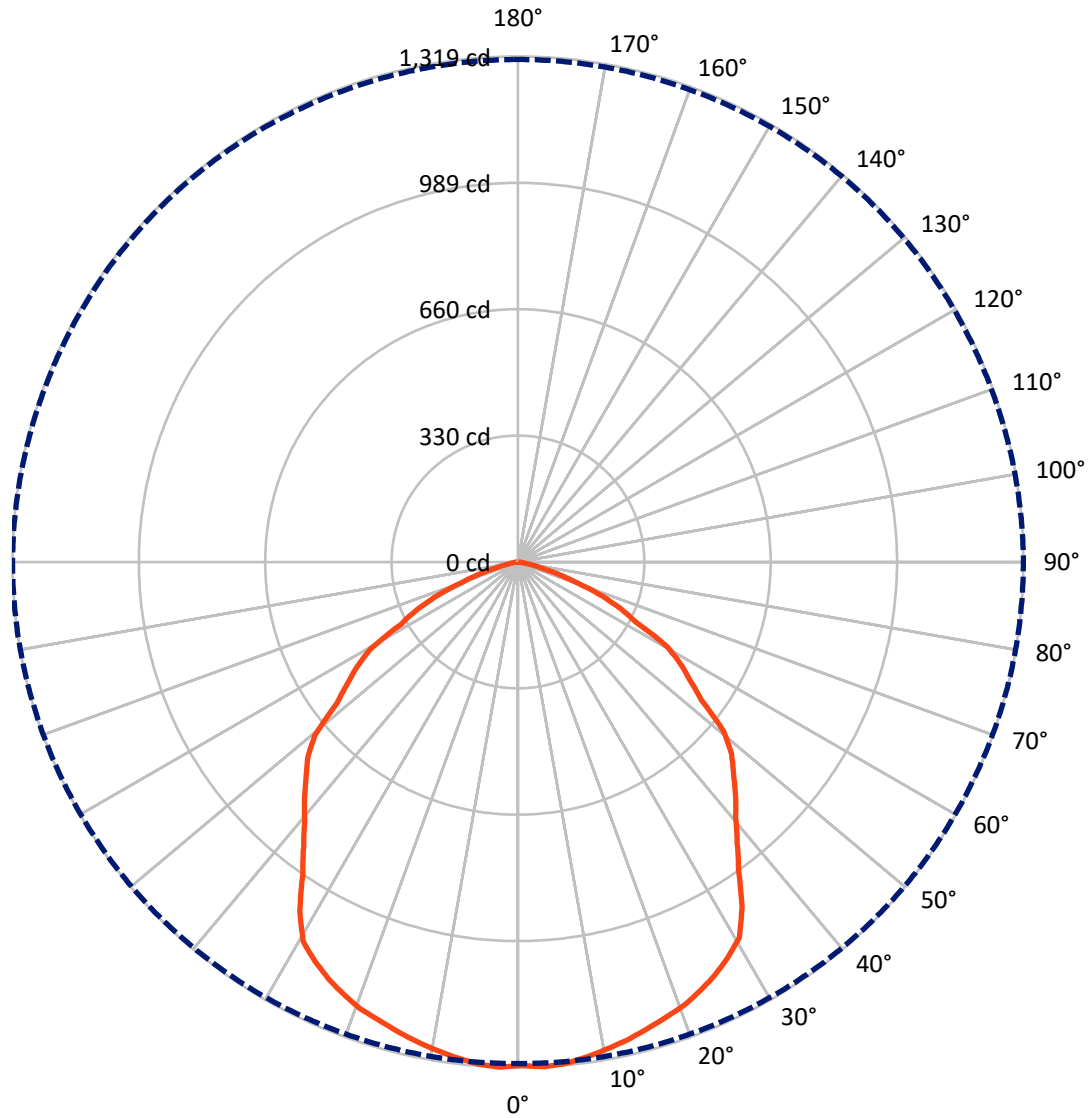
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.1 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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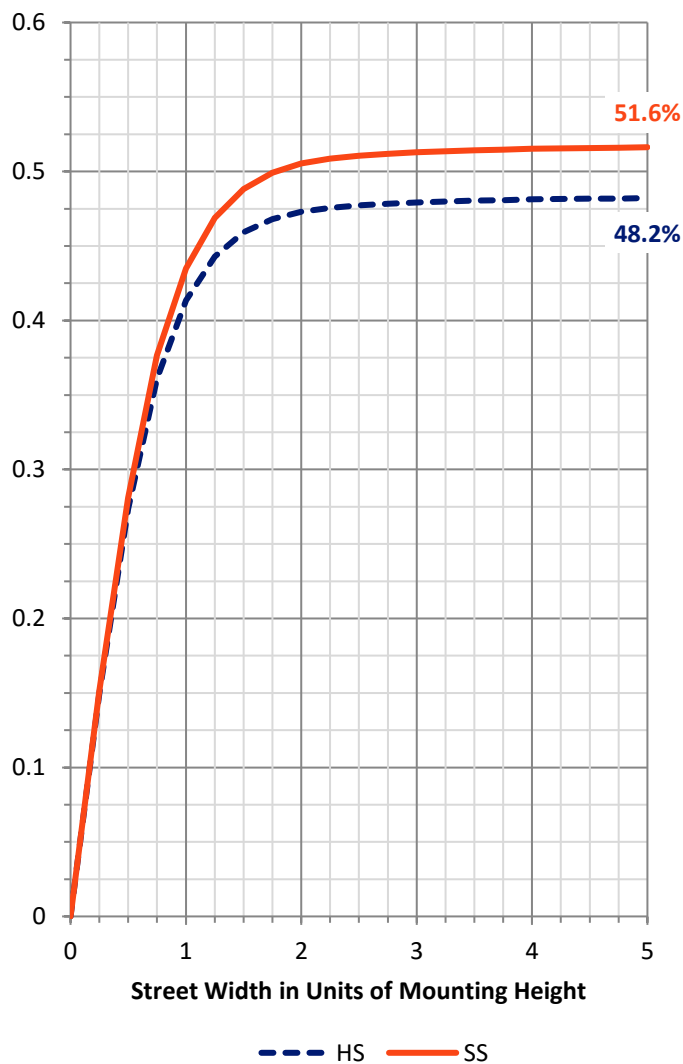
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1491.3	0.0	1491.3
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1585.2	0.0	1585.2
	% Fixture	51.5	0.0	51.5
Total	Lumens	3076.5	0.0	3076.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.7	4.1
10°-20°	359.2	11.7
20°-30°	554.4	18.0
30°-40°	657.7	21.4
40°-50°	616.2	20.0
50°-60°	460.8	15.0
60°-70°	232.2	7.5
70°-80°	65.0	2.1
80°-90°	6.4	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°	3076.5	100.0
0°-180°	3076.5	100.0

Coefficient of Utilization

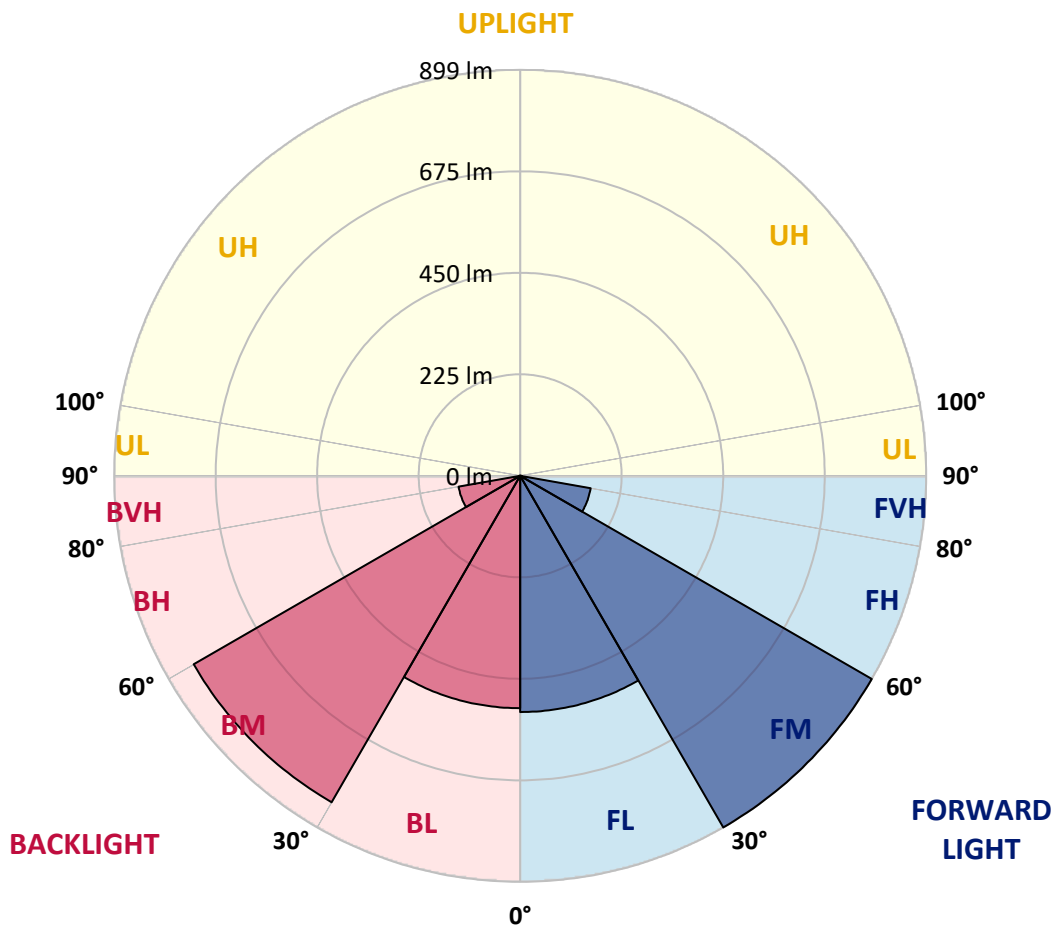


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	523.4	17.0			
FM (30°-60°)	899.5	29.2			
FH (60°-80°)	158.6	5.2			G0/660
FVH (80°-90°)	3.6	0.1			G0/10
BL (0°-30°)	514.9	16.7	B2/1000		
BM (30°-60°)	835.2	27.1	B1/1000		
BH (60°-80°)	138.5	4.5	B1/500		G0/660
BVH (80°-90°)	2.7	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0
2.5°	1309.1	1310.2	1311.3	1313.2	1315.4	1316.9	1317.6	1318.3	1318.8	1319.2	1317.4
5°	1306.0	1308.3	1310.5	1312.5	1314.3	1315.5	1316.1	1316.3	1315.4	1314.6	1315.0
7.5°	1303.5	1304.7	1306.0	1306.8	1307.5	1308.3	1309.2	1309.1	1306.5	1303.9	1303.7
10°	1299.9	1301.1	1302.4	1301.8	1300.6	1300.3	1300.9	1300.2	1295.9	1291.5	1292.6
12.5°	1293.5	1293.7	1293.9	1293.1	1291.9	1289.8	1286.8	1283.8	1281.3	1278.8	1279.1
15°	1283.9	1283.6	1283.4	1282.6	1281.7	1278.9	1274.2	1269.9	1266.9	1263.9	1264.4
17.5°	1272.6	1271.3	1270.0	1269.3	1268.7	1265.9	1260.7	1256.0	1252.7	1249.5	1249.7
20°	1260.6	1260.3	1260.0	1257.6	1254.5	1250.8	1246.3	1242.2	1239.1	1235.9	1236.0
22.5°	1245.9	1246.7	1247.5	1243.5	1237.9	1233.3	1229.8	1225.9	1221.1	1216.3	1215.9
25°	1228.4	1228.5	1228.6	1224.7	1219.5	1214.7	1210.4	1205.7	1200.0	1194.3	1193.9
27.5°	1210.9	1208.7	1206.6	1203.7	1200.4	1195.7	1189.6	1183.2	1175.6	1168.0	1167.6
30°	1185.7	1184.2	1182.7	1180.5	1178.2	1173.3	1165.9	1157.9	1147.8	1137.8	1137.9
32.5°	1156.8	1154.8	1152.8	1151.2	1149.7	1144.2	1134.8	1121.8	1098.0	1074.3	1078.1
35°	1110.3	1114.4	1118.6	1118.4	1116.7	1108.1	1092.4	1070.7	1031.2	991.6	992.6
37.5°	1005.3	1026.1	1047.0	1062.1	1075.3	1065.1	1031.5	997.7	963.5	929.3	925.3
40°	932.6	940.2	947.9	979.9	1020.0	1016.7	970.0	928.3	901.6	874.8	875.5
42.5°	885.1	887.8	890.5	924.6	969.1	964.5	910.7	866.2	849.5	832.9	835.2
45°	774.6	801.7	828.7	859.8	892.1	890.3	854.4	823.2	805.9	788.6	793.8
47.5°	707.2	717.8	728.4	749.1	773.2	785.2	785.2	781.4	766.0	750.6	754.1
50°	648.0	657.4	666.8	678.1	690.0	706.0	726.1	736.3	716.7	697.1	704.5
52.5°	535.6	555.1	574.6	592.2	609.1	634.2	667.6	682.4	641.2	600.0	613.3
55°	480.9	486.1	491.3	501.7	513.8	542.0	586.3	611.3	578.4	545.5	549.4
57.5°	377.1	394.6	412.1	433.1	455.2	486.9	528.1	552.4	525.9	499.3	501.4
60°	305.4	321.3	337.2	354.4	371.9	406.8	458.9	492.2	469.0	445.8	445.1
62.5°	235.2	243.6	252.0	276.3	306.0	340.3	379.1	401.1	373.0	344.9	352.6
65°	162.0	168.5	175.1	199.0	228.8	260.2	293.1	315.3	305.3	295.3	287.5
67.5°	97.3	104.3	111.2	136.0	166.8	199.6	234.6	258.2	247.9	237.6	231.3
70°	86.2	84.6	83.0	93.6	108.3	132.9	167.2	190.0	178.2	166.4	157.9
72.5°	71.0	70.5	70.0	69.8	69.7	82.1	107.0	124.4	119.3	114.3	109.3
75°	53.8	53.8	53.7	52.6	51.1	57.7	72.6	81.7	73.2	64.7	64.4
77.5°	37.3	37.3	37.3	37.1	36.8	38.5	42.4	44.1	39.5	35.0	35.5
80°	22.4	22.4	22.5	22.6	22.7	22.4	21.5	20.4	18.6	16.7	16.5
82.5°	10.8	10.8	10.9	11.2	11.5	11.6	11.6	11.2	9.4	7.6	7.8
85°	3.7	3.7	3.6	3.8	4.0	4.2	4.5	4.5	3.8	3.0	3.1
87.5°	1.5	1.5	1.5	1.4	1.3	1.3	1.4	1.4	1.3	1.2	1.4
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°	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0	1314.0
2.5°	1315.5	1315.0	1315.0	1314.3	1312.8	1311.7	1311.6	1311.5
5°	1315.4	1312.9	1309.5	1308.2	1308.9	1309.3	1308.4	1307.6
7.5°	1303.6	1303.3	1303.0	1302.8	1302.6	1302.4	1302.3	1302.2
10°	1293.6	1293.7	1293.4	1293.4	1293.9	1293.8	1292.0	1290.2
12.5°	1279.5	1280.6	1281.9	1281.6	1279.7	1278.2	1277.7	1277.3
15°	1264.9	1265.6	1266.4	1266.1	1264.6	1263.4	1263.1	1262.7
17.5°	1249.9	1248.9	1247.5	1246.6	1246.3	1246.3	1247.4	1248.4
20°	1236.2	1233.6	1230.1	1228.5	1228.9	1229.2	1229.1	1229.0
22.5°	1215.5	1213.5	1211.0	1209.7	1209.8	1209.6	1208.6	1207.7
25°	1193.6	1191.9	1189.8	1187.7	1185.5	1183.9	1183.9	1183.9
27.5°	1167.2	1165.8	1164.0	1162.4	1161.0	1159.6	1158.1	1156.7
30°	1138.0	1136.9	1135.4	1133.7	1131.6	1129.6	1128.1	1126.6
32.5°	1081.9	1090.1	1099.7	1102.6	1098.6	1095.1	1093.2	1091.2
35°	993.6	1019.5	1053.7	1068.1	1062.6	1052.5	1028.7	1004.8
37.5°	921.3	956.0	1003.6	1014.5	988.7	963.2	938.6	914.0
40°	876.2	902.2	936.6	936.9	903.0	876.6	872.7	868.7
42.5°	837.4	845.7	855.9	853.8	839.5	824.6	807.9	791.2
45°	798.9	793.3	784.2	774.3	763.7	748.4	718.8	689.2
47.5°	757.7	734.4	702.1	680.0	667.9	657.1	650.3	643.5
50°	711.9	685.0	646.7	623.2	614.7	600.9	571.4	541.9
52.5°	626.7	609.9	583.1	556.2	529.2	505.6	492.1	478.7
55°	553.3	528.6	494.4	468.8	451.9	433.4	410.1	386.9
57.5°	503.4	475.5	437.5	403.2	372.6	347.5	339.0	330.4
60°	444.5	408.0	359.7	325.8	306.4	286.8	266.6	246.3
62.5°	360.3	334.1	296.6	262.6	232.0	206.5	196.1	185.8
65°	279.7	253.7	221.7	191.7	163.8	140.8	132.2	123.6
67.5°	225.0	198.6	165.4	137.0	113.3	95.8	97.0	98.2
70°	149.3	131.9	111.6	96.5	86.6	79.7	81.6	83.6
72.5°	104.4	89.1	70.3	61.4	62.3	63.3	64.4	65.4
75°	64.1	57.2	48.2	44.2	45.1	45.9	46.5	47.0
77.5°	36.0	34.1	31.4	30.0	29.9	29.9	30.0	30.2
80°	16.3	16.7	17.2	17.2	16.7	16.3	16.4	16.5
82.5°	8.1	8.2	8.2	7.9	7.3	6.9	6.8	6.8
85°	3.2	3.0	2.7	2.5	2.3	2.2	2.4	2.6
87.5°	1.5	1.5	1.4	1.3	1.4	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)