

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: P600758

Luminaire Tested: **ASWPLED1S-30W-4000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600758
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-30W-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: 3875 lumens
Efficiency: N/A
Efficacy: 127.5 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

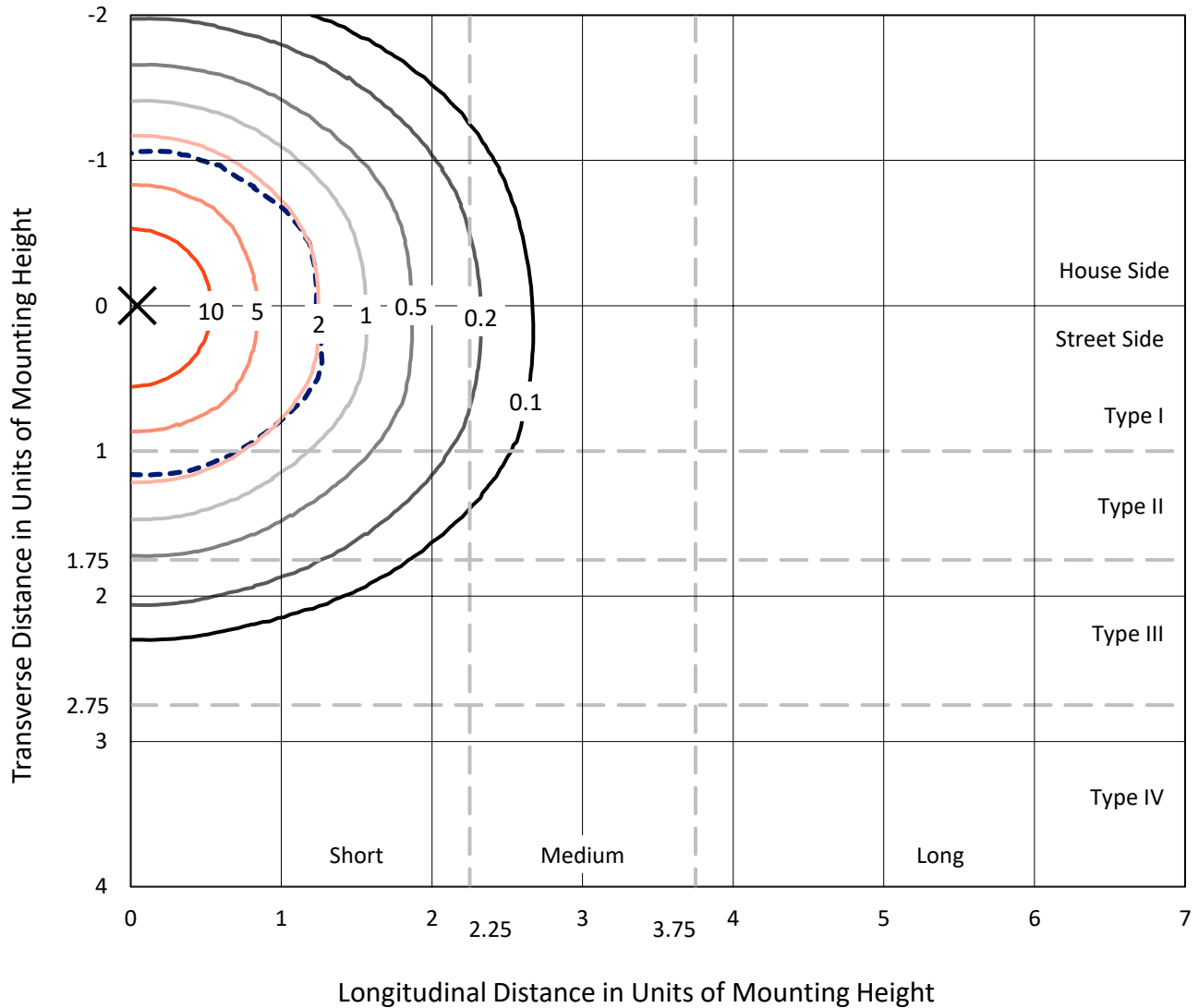
Input Watts (W): 30.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

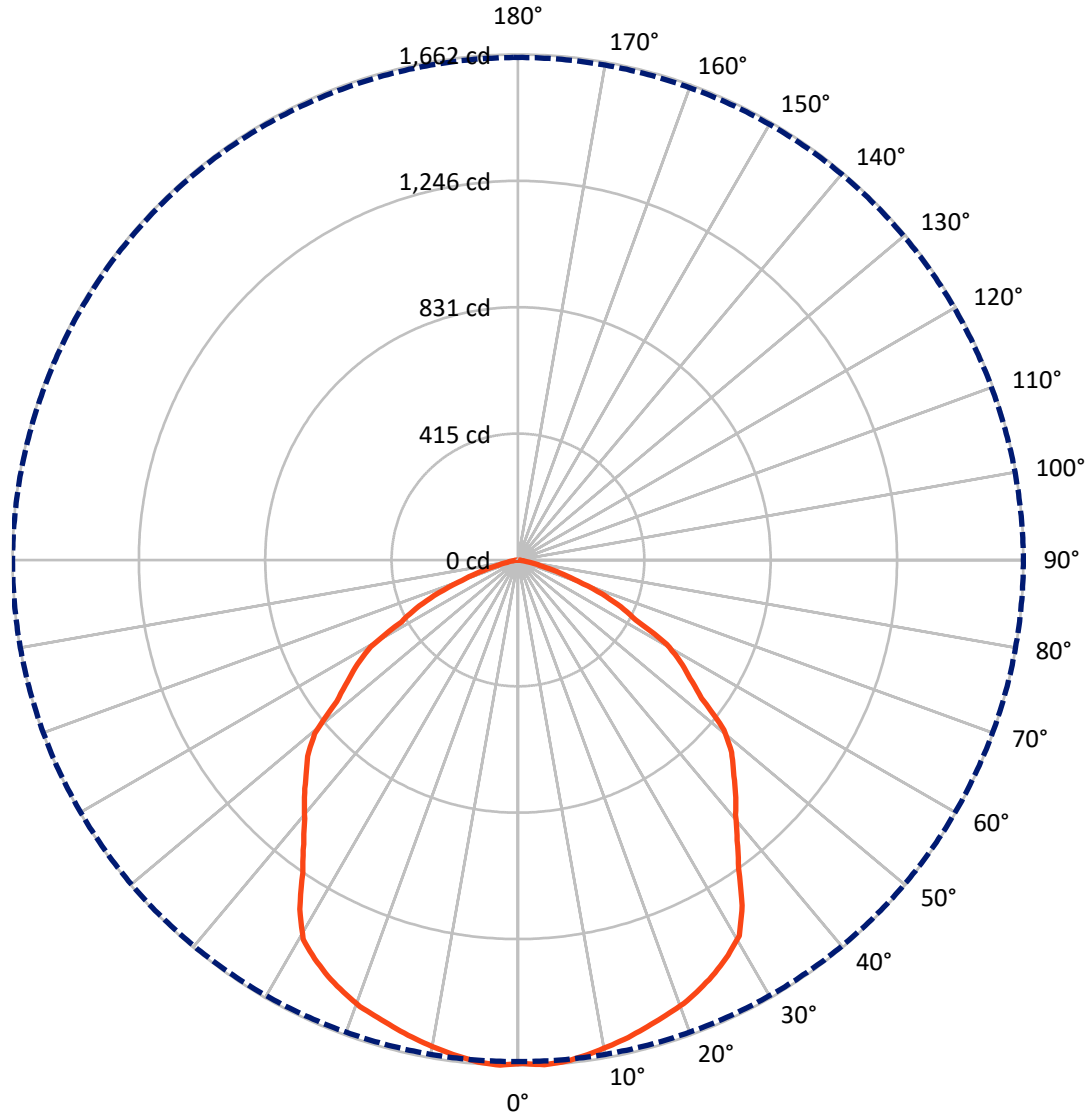
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.6 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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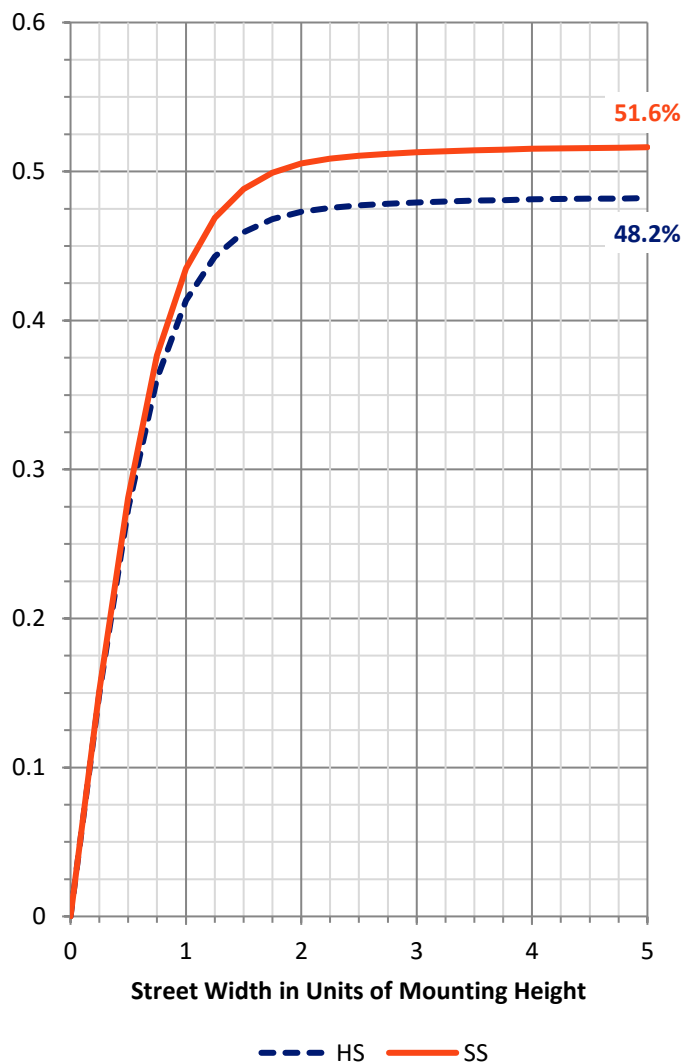
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1878.4	0.0	1878.4
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1996.7	0.0	1996.7
	% Fixture	51.5	0.0	51.5
Total	Lumens	3875.0	0.0	3875.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.1	4.1
10°-20°	452.4	11.7
20°-30°	698.3	18.0
30°-40°	828.4	21.4
40°-50°	776.1	20.0
50°-60°	580.5	15.0
60°-70°	292.5	7.5
70°-80°	81.8	2.1
80°-90°	8.0	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°	3875.0	100.0
0°-180°	3875.0	100.0

Coefficient of Utilization



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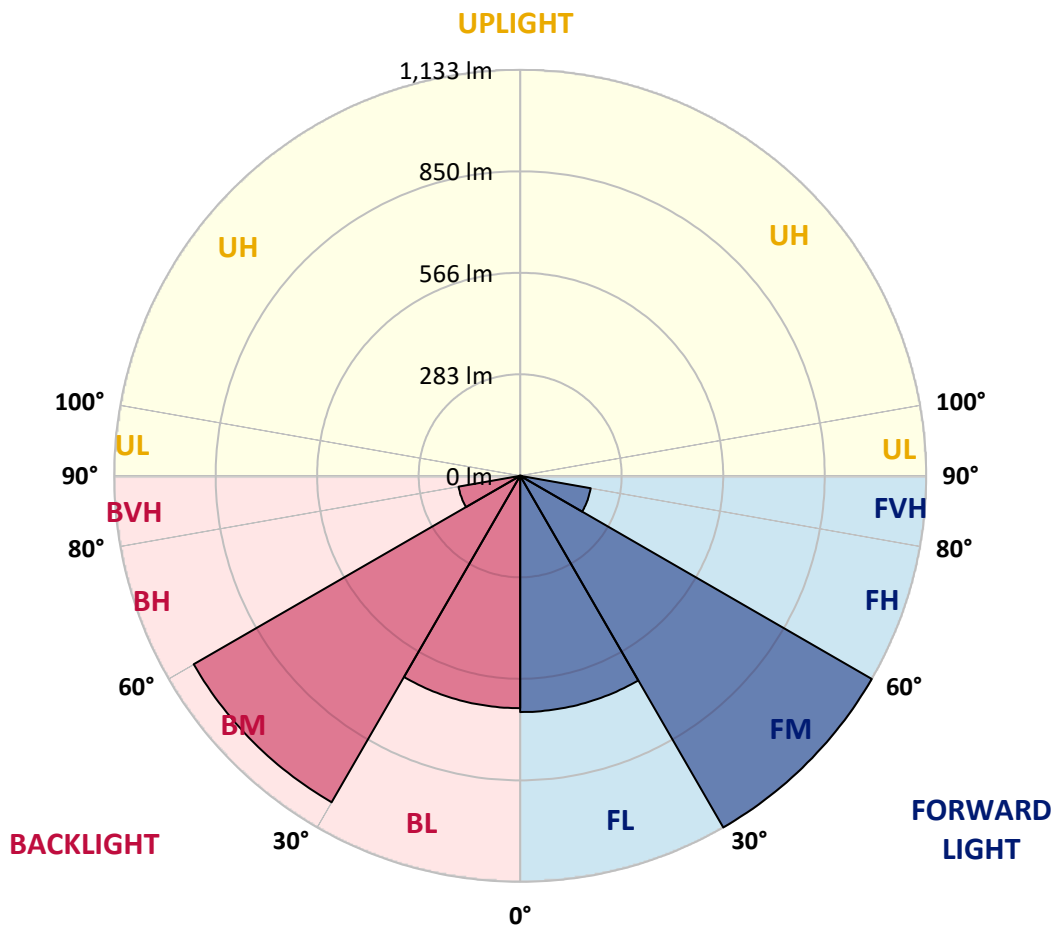
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	659.3	17.0			
FM (30°-60°)	1133.0	29.2			
FH (60°-80°)	199.8	5.2			G0/660
FVH (80°-90°)	4.6	0.1			G0/10
BL (0°-30°)	648.5	16.7	B2/1000		
BM (30°-60°)	1051.9	27.1	B2/2500		
BH (60°-80°)	174.5	4.5	B1/500		G0/660
BVH (80°-90°)	3.4	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°	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0
2.5°	1648.8	1650.2	1651.6	1654.1	1656.8	1658.7	1659.6	1660.5	1661.0	1661.6	1659.3
5°	1645.0	1647.8	1650.7	1653.1	1655.4	1657.0	1657.7	1657.9	1656.9	1655.8	1656.3
7.5°	1641.9	1643.4	1644.9	1646.0	1646.9	1647.9	1649.0	1648.9	1645.6	1642.3	1642.1
10°	1637.3	1638.9	1640.4	1639.7	1638.2	1637.9	1638.6	1637.7	1632.2	1626.7	1628.0
12.5°	1629.3	1629.5	1629.7	1628.7	1627.3	1624.6	1620.7	1617.0	1613.9	1610.7	1611.2
15°	1617.1	1616.8	1616.5	1615.6	1614.5	1610.9	1605.0	1599.6	1595.8	1592.0	1592.6
17.5°	1602.9	1601.3	1599.7	1598.7	1598.0	1594.4	1587.9	1582.0	1577.9	1573.8	1574.0
20°	1587.8	1587.4	1587.1	1584.1	1580.2	1575.4	1569.8	1564.6	1560.7	1556.8	1556.9
22.5°	1569.4	1570.3	1571.3	1566.3	1559.2	1553.5	1549.0	1544.1	1538.1	1532.0	1531.5
25°	1547.2	1547.3	1547.5	1542.6	1536.0	1530.0	1524.5	1518.6	1511.5	1504.3	1503.9
27.5°	1525.2	1522.5	1519.8	1516.1	1512.0	1506.1	1498.4	1490.3	1480.7	1471.2	1470.7
30°	1493.5	1491.6	1489.7	1487.0	1484.0	1477.9	1468.6	1458.4	1445.8	1433.2	1433.3
32.5°	1457.1	1454.5	1452.0	1449.9	1448.0	1441.2	1429.3	1412.9	1383.0	1353.2	1358.0
35°	1398.4	1403.6	1408.9	1408.6	1406.5	1395.6	1375.8	1348.6	1298.8	1249.0	1250.2
37.5°	1266.2	1292.4	1318.7	1337.8	1354.4	1341.5	1299.2	1256.7	1213.5	1170.4	1165.4
40°	1174.7	1184.3	1193.9	1234.2	1284.7	1280.5	1221.8	1169.3	1135.6	1101.9	1102.8
42.5°	1114.8	1118.2	1121.6	1164.6	1220.7	1214.9	1147.1	1091.0	1070.1	1049.2	1052.0
45°	975.6	1009.7	1043.9	1083.0	1123.7	1121.5	1076.2	1036.9	1015.1	993.3	999.8
47.5°	890.8	904.1	917.4	943.5	973.8	989.0	989.0	984.2	964.8	945.4	949.8
50°	816.2	828.0	839.8	854.0	869.1	889.3	914.6	927.4	902.8	878.1	887.3
52.5°	674.6	699.2	723.8	745.9	767.2	798.8	840.9	859.5	807.6	755.8	772.5
55°	605.8	612.3	618.8	631.9	647.2	682.8	738.6	770.0	728.6	687.1	692.0
57.5°	475.0	497.0	519.0	545.5	573.4	613.3	665.2	695.8	662.3	628.9	631.5
60°	384.7	404.7	424.8	446.4	468.5	512.3	578.0	620.0	590.7	561.5	560.7
62.5°	296.3	306.8	317.3	348.0	385.4	428.5	477.4	505.2	469.8	434.4	444.1
65°	204.1	212.3	220.5	250.7	288.2	327.7	369.2	397.1	384.5	371.9	362.0
67.5°	122.6	131.3	140.1	171.4	210.1	251.5	295.5	325.2	312.3	299.3	291.3
70°	108.6	106.6	104.6	118.0	136.5	167.4	210.7	239.4	224.5	209.6	198.8
72.5°	89.5	88.8	88.1	87.9	87.8	103.4	134.8	156.7	150.3	144.0	137.7
75°	67.7	67.7	67.6	66.2	64.3	72.7	91.5	102.9	92.2	81.5	81.1
77.5°	47.0	47.0	47.0	46.7	46.3	48.5	53.4	55.6	49.8	44.1	44.7
80°	28.2	28.3	28.4	28.5	28.6	28.2	27.2	25.8	23.4	21.0	20.8
82.5°	13.6	13.7	13.8	14.1	14.5	14.6	14.6	14.0	11.7	9.5	9.8
85°	4.7	4.6	4.5	4.7	5.0	5.3	5.6	5.7	4.7	3.8	3.9
87.5°	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.5	1.7
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°	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0	1655.0
2.5°	1657.0	1656.4	1656.3	1655.4	1653.6	1652.2	1652.0	1651.9
5°	1656.9	1653.8	1649.5	1647.8	1648.7	1649.1	1648.1	1647.0
7.5°	1641.9	1641.6	1641.3	1641.0	1640.7	1640.5	1640.3	1640.2
10°	1629.4	1629.4	1629.1	1629.2	1629.8	1629.7	1627.4	1625.1
12.5°	1611.6	1613.0	1614.6	1614.2	1611.9	1610.0	1609.4	1608.8
15°	1593.2	1594.2	1595.2	1594.8	1592.9	1591.4	1590.9	1590.5
17.5°	1574.3	1573.0	1571.3	1570.2	1569.8	1569.8	1571.1	1572.4
20°	1557.1	1553.8	1549.3	1547.4	1547.9	1548.3	1548.1	1548.0
22.5°	1531.0	1528.5	1525.3	1523.7	1523.8	1523.6	1522.3	1521.1
25°	1503.4	1501.3	1498.7	1496.0	1493.3	1491.2	1491.2	1491.2
27.5°	1470.2	1468.4	1466.1	1464.0	1462.3	1460.6	1458.8	1457.0
30°	1433.4	1432.0	1430.1	1427.9	1425.3	1422.8	1420.9	1419.0
32.5°	1362.8	1373.1	1385.2	1388.7	1383.7	1379.4	1376.9	1374.5
35°	1251.5	1284.1	1327.2	1345.3	1338.4	1325.8	1295.7	1265.7
37.5°	1160.4	1204.2	1264.2	1277.9	1245.4	1213.2	1182.2	1151.2
40°	1103.7	1136.4	1179.7	1180.1	1137.4	1104.2	1099.2	1094.2
42.5°	1054.8	1065.1	1078.0	1075.4	1057.4	1038.6	1017.6	996.6
45°	1006.3	999.3	987.8	975.3	961.9	942.6	905.3	868.1
47.5°	954.3	925.0	884.4	856.4	841.2	827.7	819.1	810.6
50°	896.6	862.7	814.4	784.9	774.2	756.9	719.7	682.5
52.5°	789.3	768.2	734.5	700.6	666.6	636.8	619.9	602.9
55°	697.0	665.9	622.8	590.5	569.1	545.8	516.5	487.3
57.5°	634.2	599.0	551.2	507.9	469.3	437.6	426.9	416.2
60°	559.9	514.0	453.1	410.4	386.0	361.3	335.8	310.3
62.5°	453.9	420.9	373.6	330.7	292.2	260.0	247.0	234.0
65°	352.2	319.5	279.3	241.6	206.4	177.3	166.4	155.6
67.5°	283.4	250.1	208.3	172.5	142.7	120.7	122.2	123.7
70°	188.1	166.2	140.6	121.6	109.1	100.4	102.9	105.4
72.5°	131.5	112.2	88.5	77.3	78.5	79.7	81.0	82.4
75°	80.7	72.1	60.8	55.7	56.8	57.9	58.5	59.2
77.5°	45.3	42.9	39.5	37.8	37.7	37.7	37.8	38.0
80°	20.6	21.1	21.7	21.7	21.1	20.6	20.7	20.8
82.5°	10.2	10.3	10.3	10.0	9.3	8.7	8.6	8.6
85°	4.1	3.8	3.5	3.2	3.0	2.9	3.1	3.3
87.5°	1.9	1.8	1.7	1.6	1.7	1.7	1.7	1.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)