

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: P600759

Luminaire Tested: **ASWPLED1S-30W-5000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600759
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-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: 3754.4 lumens
Efficiency: N/A
Efficacy: 123.5 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

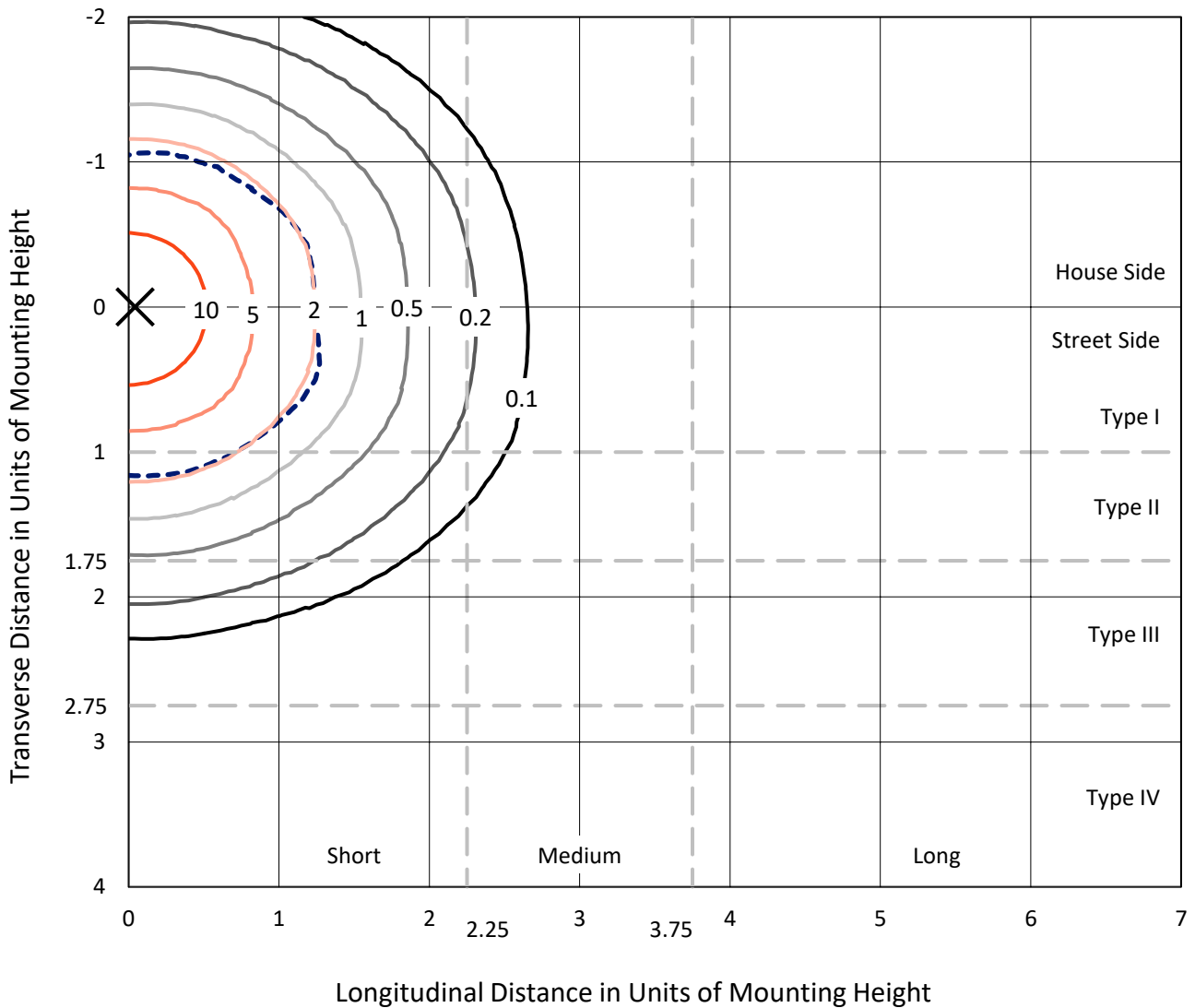
Input Watts (W): 30.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

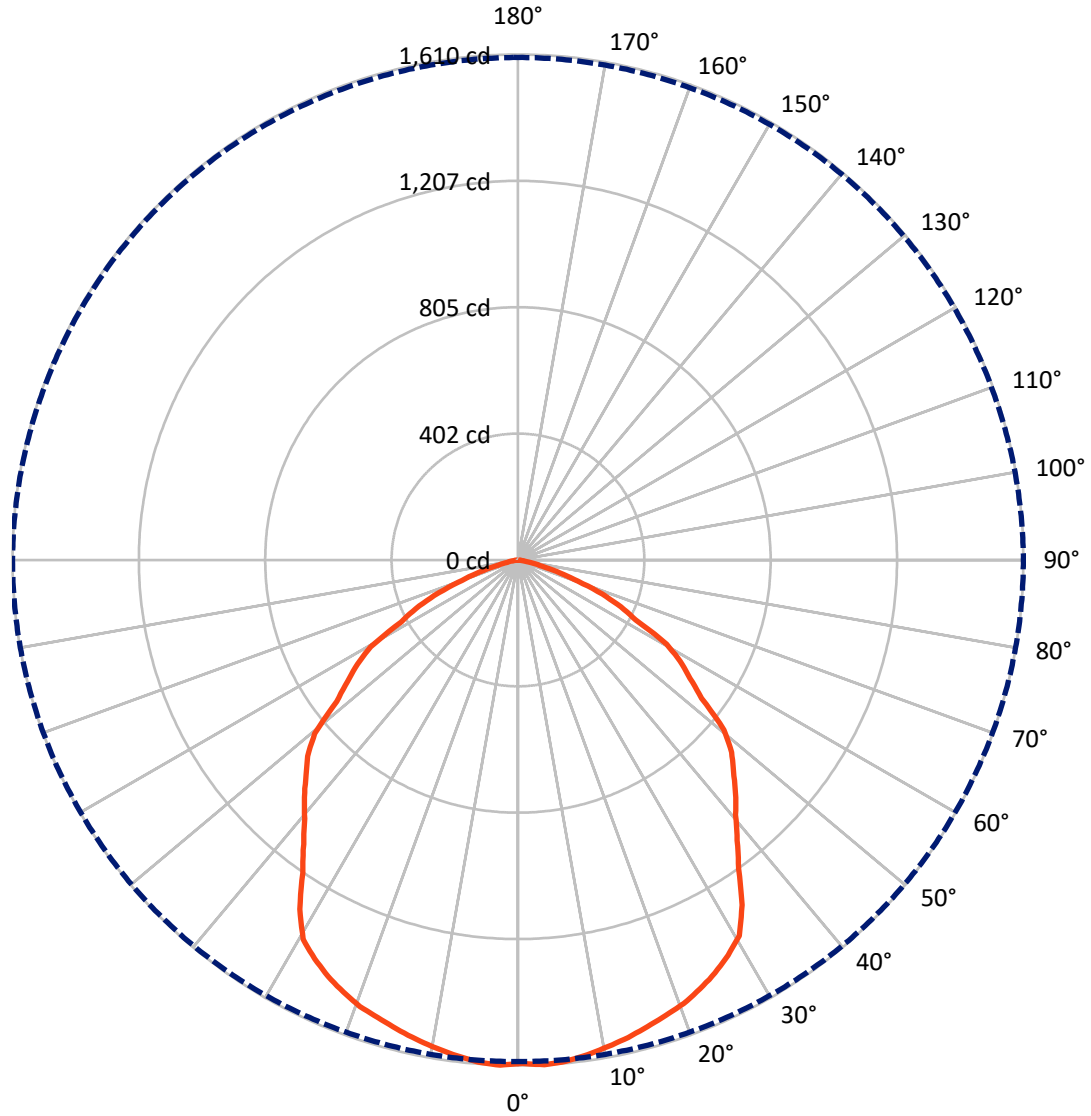
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16 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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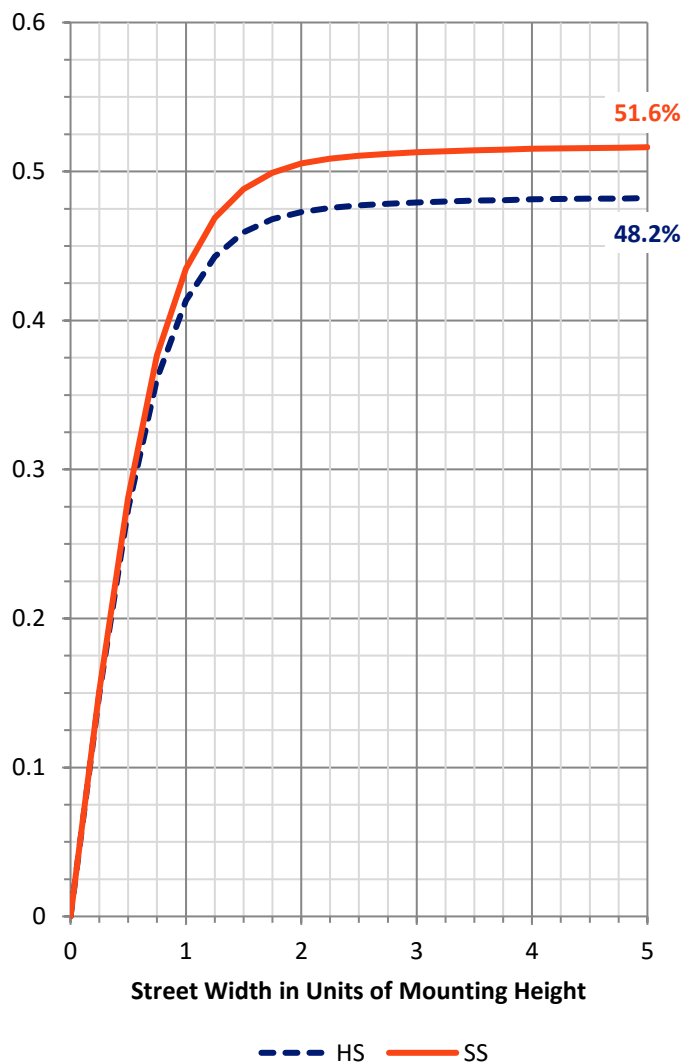
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1819.9	0.0	1819.9
	% Fixture	48.5	0.0	48.5
Street Side	Lumens	1934.5	0.0	1934.5
	% Fixture	51.5	0.0	51.5
Total	Lumens	3754.4	0.0	3754.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	4.1
10°-20°	438.4	11.7
20°-30°	676.6	18.0
30°-40°	802.6	21.4
40°-50°	751.9	20.0
50°-60°	562.4	15.0
60°-70°	283.3	7.5
70°-80°	79.3	2.1
80°-90°	7.8	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°	3754.4	100.0
0°-180°	3754.4	100.0

Coefficient of Utilization

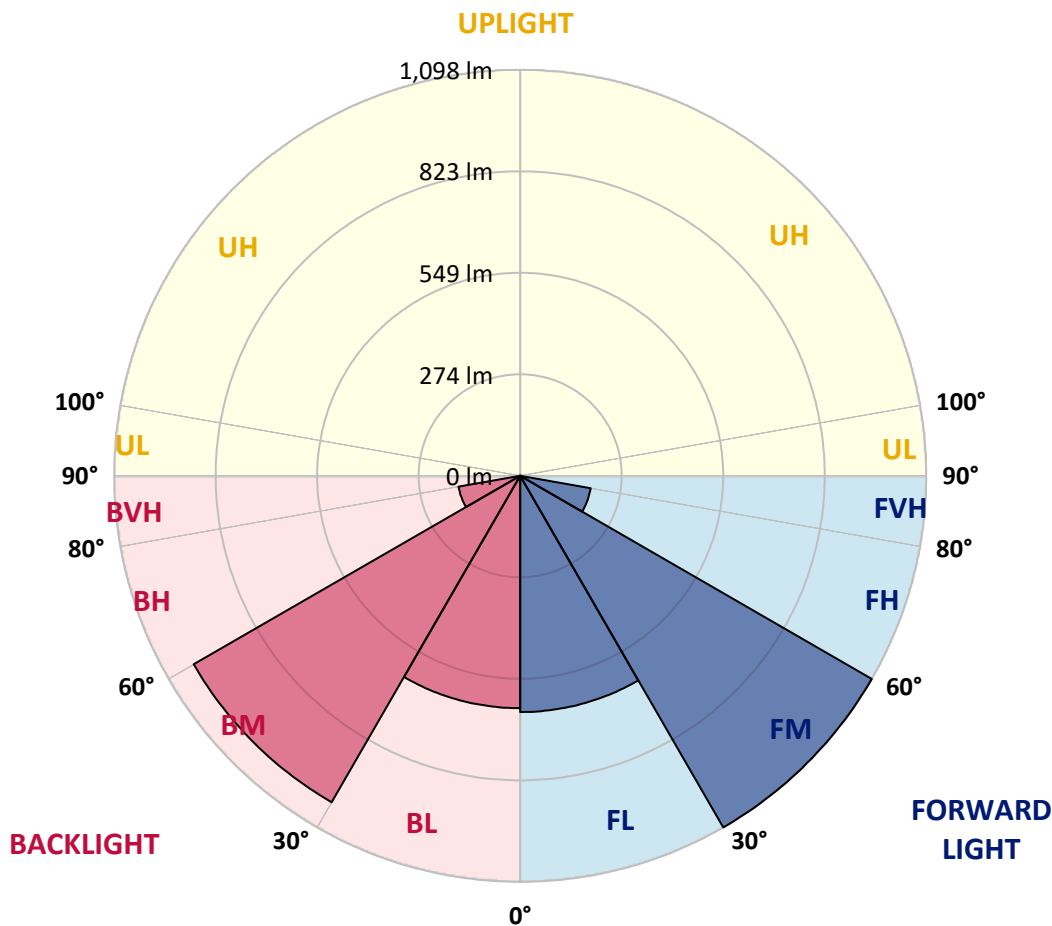


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	638.8	17.0			
FM (30°-60°)	1097.7	29.2			
FH (60°-80°)	193.6	5.2			G0/660
FVH (80°-90°)	4.5	0.1			G0/10
BL (0°-30°)	628.3	16.7	B2/1000		
BM (30°-60°)	1019.2	27.1	B2/2500		
BH (60°-80°)	169.1	4.5	B1/500		G0/660
BVH (80°-90°)	3.3	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°	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5
2.5°	1597.5	1598.9	1600.3	1602.6	1605.3	1607.1	1608.0	1608.8	1609.4	1609.9	1607.7
5°	1593.8	1596.6	1599.3	1601.7	1604.0	1605.4	1606.1	1606.3	1605.3	1604.2	1604.7
7.5°	1590.8	1592.3	1593.8	1594.8	1595.7	1596.6	1597.7	1597.6	1594.4	1591.2	1591.0
10°	1586.4	1587.9	1589.3	1588.6	1587.2	1586.8	1587.5	1586.7	1581.4	1576.1	1577.4
12.5°	1578.6	1578.8	1579.0	1578.1	1576.7	1574.1	1570.3	1566.7	1563.6	1560.6	1561.0
15°	1566.8	1566.5	1566.2	1565.3	1564.2	1560.8	1555.1	1549.9	1546.2	1542.5	1543.1
17.5°	1553.0	1551.4	1549.8	1549.0	1548.3	1544.8	1538.5	1532.8	1528.8	1524.8	1525.0
20°	1538.4	1538.0	1537.7	1534.8	1531.0	1526.4	1521.0	1515.9	1512.1	1508.3	1508.4
22.5°	1520.5	1521.5	1522.4	1517.5	1510.7	1505.1	1500.8	1496.0	1490.2	1484.3	1483.8
25°	1499.1	1499.2	1499.4	1494.6	1488.2	1482.4	1477.1	1471.4	1464.4	1457.5	1457.1
27.5°	1477.7	1475.1	1472.5	1468.9	1464.9	1459.2	1451.8	1443.9	1434.6	1425.4	1424.9
30°	1447.0	1445.2	1443.4	1440.7	1437.8	1431.8	1422.8	1413.0	1400.8	1388.6	1388.7
32.5°	1411.8	1409.3	1406.8	1404.8	1403.0	1396.3	1384.8	1369.0	1340.0	1311.0	1315.7
35°	1354.9	1360.0	1365.0	1364.8	1362.8	1352.2	1333.1	1306.6	1258.4	1210.2	1211.4
37.5°	1226.8	1252.2	1277.7	1296.1	1312.2	1299.7	1258.7	1217.6	1175.8	1134.0	1129.1
40°	1138.1	1147.4	1156.8	1195.8	1244.7	1240.7	1183.7	1132.8	1100.2	1067.6	1068.5
42.5°	1080.1	1083.4	1086.7	1128.3	1182.7	1177.0	1111.4	1057.1	1036.8	1016.5	1019.2
45°	945.3	978.3	1011.3	1049.2	1088.7	1086.6	1042.8	1004.6	983.5	962.4	968.7
47.5°	863.1	876.0	888.9	914.1	943.5	958.2	958.3	953.6	934.7	915.9	920.3
50°	790.8	802.2	813.6	827.5	842.1	861.7	886.2	898.6	874.7	850.8	859.7
52.5°	653.7	677.5	701.3	722.7	743.3	773.9	814.7	832.7	782.5	732.3	748.5
55°	586.9	593.2	599.5	612.2	627.1	661.5	715.6	746.1	705.9	665.7	670.5
57.5°	460.3	481.6	502.9	528.5	555.5	594.2	644.5	674.1	641.7	609.3	611.9
60°	372.7	392.1	411.5	432.5	453.9	496.4	560.1	600.7	572.4	544.0	543.2
62.5°	287.0	297.2	307.4	337.2	373.4	415.2	462.6	489.6	455.3	421.0	430.4
65°	197.7	205.7	213.7	242.9	279.2	317.5	357.7	384.7	372.5	360.3	350.7
67.5°	118.7	127.2	135.7	166.0	203.6	243.7	286.3	315.1	302.5	290.0	282.2
70°	105.2	103.2	101.3	114.3	132.2	162.2	204.1	231.9	217.5	203.1	192.7
72.5°	86.7	86.0	85.4	85.2	85.1	100.2	130.6	151.8	145.7	139.5	133.4
75°	65.6	65.6	65.5	64.1	62.3	70.5	88.7	99.7	89.3	78.9	78.5
77.5°	45.5	45.5	45.5	45.2	44.8	47.0	51.7	53.9	48.3	42.7	43.3
80°	27.3	27.4	27.5	27.6	27.7	27.3	26.3	24.9	22.7	20.4	20.2
82.5°	13.2	13.3	13.4	13.7	14.0	14.2	14.1	13.6	11.4	9.3	9.5
85°	4.6	4.5	4.4	4.6	4.9	5.2	5.5	5.5	4.5	3.6	3.7
87.5°	1.9	1.9	1.8	1.7	1.6	1.6	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°	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5	1603.5
2.5°	1605.5	1604.9	1604.8	1603.9	1602.2	1600.8	1600.6	1600.5
5°	1605.3	1602.3	1598.1	1596.4	1597.3	1597.7	1596.7	1595.7
7.5°	1590.8	1590.6	1590.2	1589.9	1589.7	1589.4	1589.3	1589.2
10°	1578.7	1578.7	1578.4	1578.5	1579.1	1578.9	1576.7	1574.5
12.5°	1561.4	1562.7	1564.3	1564.0	1561.7	1559.9	1559.3	1558.7
15°	1543.7	1544.5	1545.5	1545.1	1543.3	1541.8	1541.4	1541.0
17.5°	1525.3	1524.1	1522.4	1521.3	1520.9	1520.9	1522.2	1523.5
20°	1508.6	1505.4	1501.1	1499.2	1499.7	1500.1	1499.9	1499.8
22.5°	1483.4	1480.9	1477.8	1476.3	1476.4	1476.2	1475.0	1473.8
25°	1456.6	1454.6	1452.1	1449.4	1446.7	1444.7	1444.7	1444.7
27.5°	1424.5	1422.7	1420.4	1418.5	1416.8	1415.2	1413.4	1411.7
30°	1388.8	1387.4	1385.6	1383.4	1380.9	1378.5	1376.7	1374.9
32.5°	1320.4	1330.3	1342.0	1345.5	1340.7	1336.5	1334.1	1331.7
35°	1212.6	1244.2	1285.9	1303.4	1296.8	1284.5	1255.4	1226.3
37.5°	1124.3	1166.7	1224.8	1238.1	1206.6	1175.4	1145.4	1115.4
40°	1069.4	1101.1	1143.0	1143.3	1102.0	1069.8	1064.9	1060.1
42.5°	1022.0	1032.0	1044.5	1042.0	1024.5	1006.3	985.9	965.6
45°	974.9	968.1	957.0	944.9	932.0	913.3	877.2	841.1
47.5°	924.7	896.2	856.9	829.8	815.0	801.9	793.6	785.3
50°	868.7	835.8	789.1	760.5	750.2	733.4	697.3	661.3
52.5°	764.7	744.3	711.7	678.9	645.9	617.0	600.6	584.2
55°	675.2	645.1	603.3	572.1	551.4	528.8	500.5	472.2
57.5°	614.4	580.3	534.0	492.1	454.7	424.1	413.7	403.3
60°	542.5	498.0	438.9	397.6	374.0	350.1	325.4	300.6
62.5°	439.8	407.7	361.9	320.4	283.1	251.9	239.3	226.7
65°	341.2	309.6	270.6	234.0	199.9	171.7	161.2	150.8
67.5°	274.5	242.3	201.8	167.1	138.2	116.9	118.4	119.8
70°	182.2	161.0	136.2	117.8	105.7	97.3	99.7	102.1
72.5°	127.4	108.7	85.8	74.9	76.1	77.3	78.5	79.8
75°	78.2	69.9	58.9	54.0	55.1	56.1	56.7	57.3
77.5°	43.9	41.6	38.3	36.6	36.5	36.5	36.6	36.8
80°	20.0	20.4	21.0	21.0	20.4	19.9	20.0	20.1
82.5°	9.8	9.9	9.9	9.6	9.0	8.4	8.3	8.3
85°	3.9	3.7	3.4	3.1	2.9	2.8	3.0	3.2
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)