

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: P600760

Luminaire Tested: **ASWPLED2S-40W-3000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600760
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: ASWPLED2S-40W-3000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (312) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5530.7 lumens
Efficiency: N/A
Efficacy: 142.5 lumens/watt
Luminous Opening: Rectangular (W 0.79' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

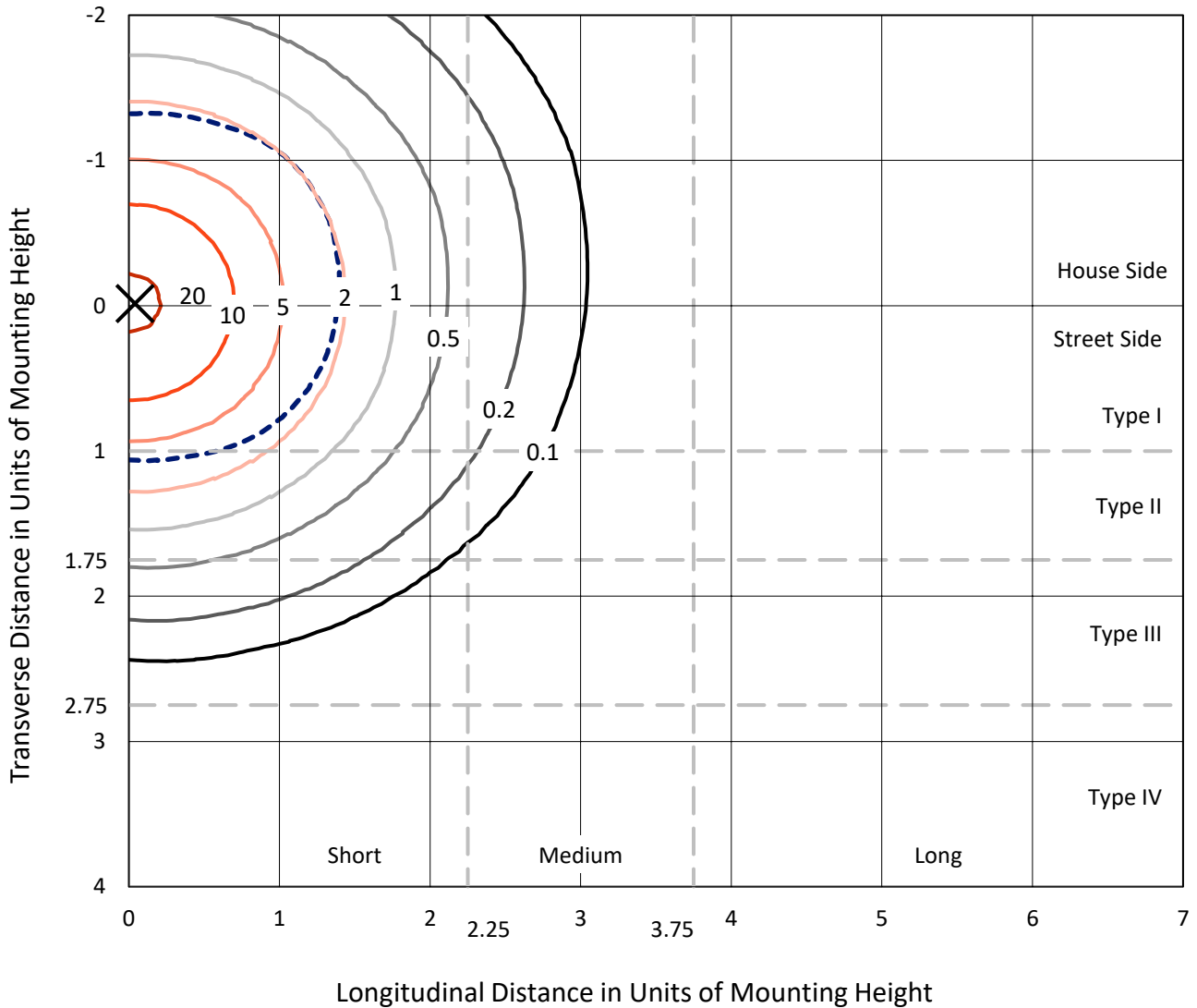
Input Watts (W): 38.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

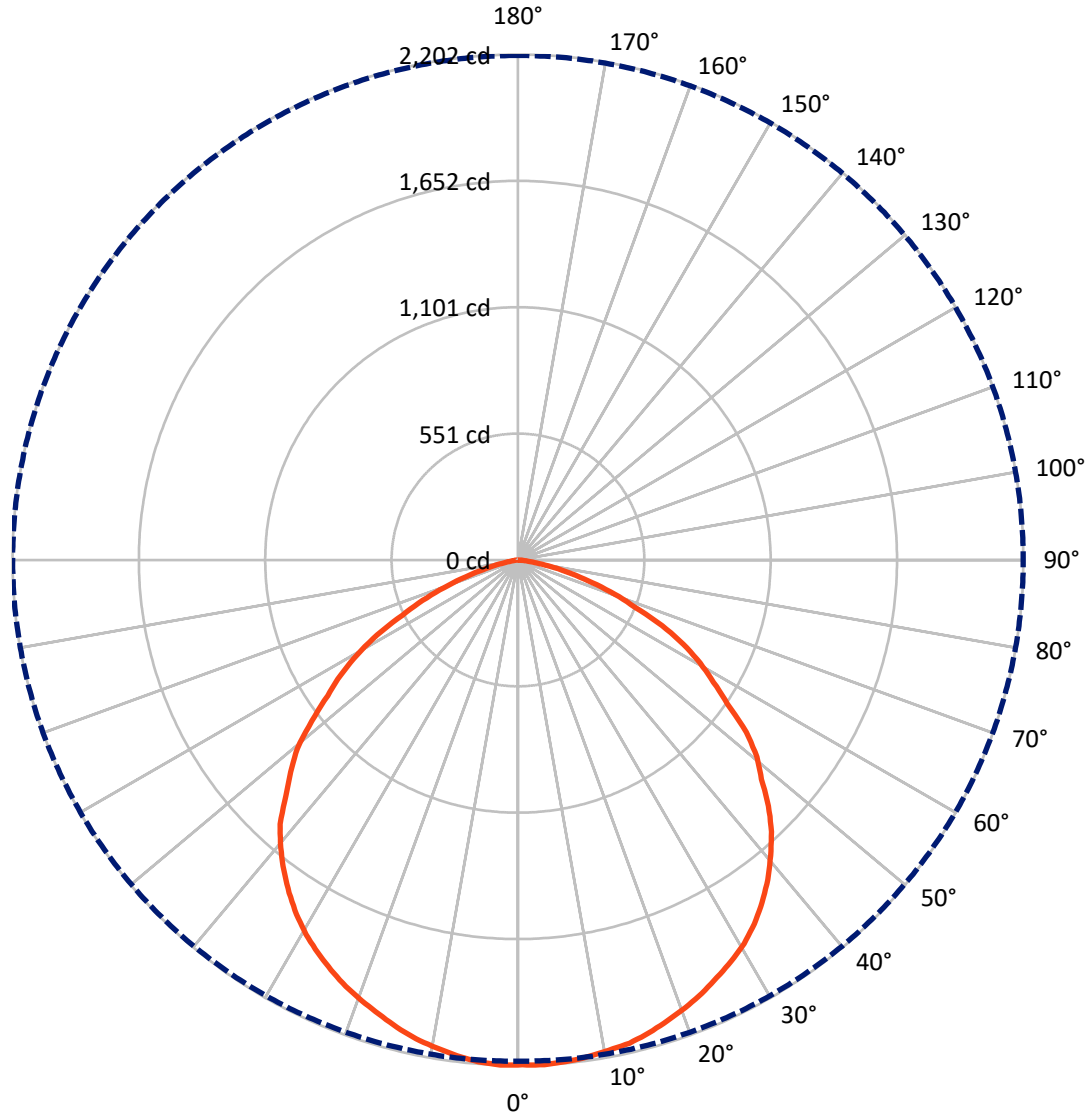
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 22 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 110-Deg Lateral - - - Horizontal Cone Through 2.5-Deg Vertical

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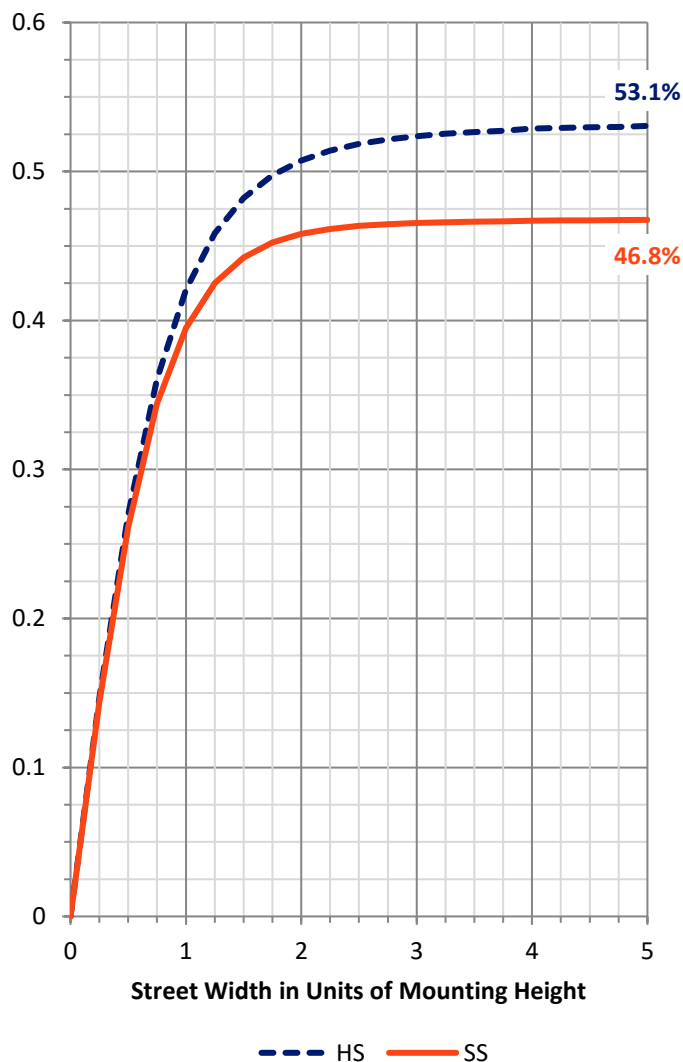
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2951.8	0.0	2951.8
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	2578.9	0.0	2578.9
	% Fixture	46.6	0.0	46.6
Total	Lumens	5530.7	0.0	5530.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.9	3.8
10°-20°	595.0	10.8
20°-30°	909.3	16.4
30°-40°	1103.4	20.0
40°-50°	1098.0	19.9
50°-60°	884.7	16.0
60°-70°	531.2	9.6
70°-80°	179.5	3.2
80°-90°	21.8	0.4
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°	5530.7	100.0
0°-180°	5530.7	100.0

Coefficient of Utilization



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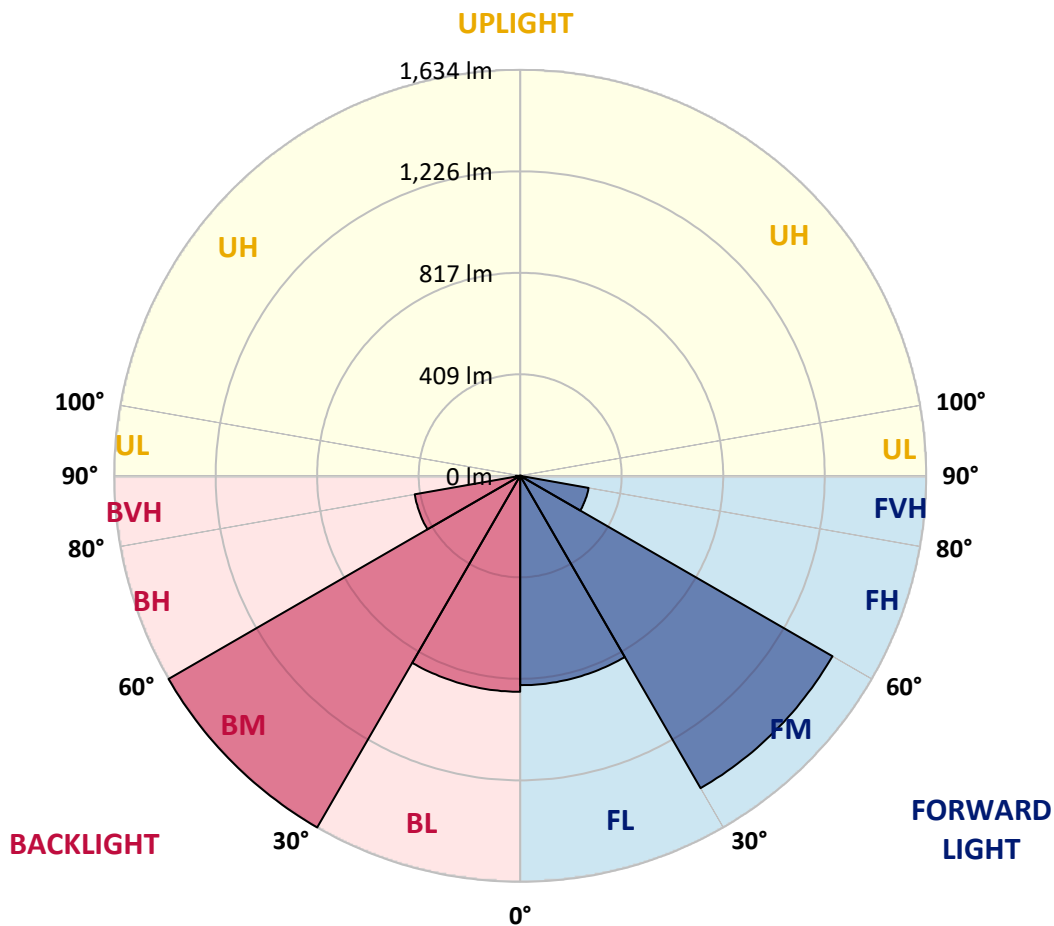
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	842.8	15.2			
FM (30°-60°)	1451.8	26.2			
FH (60°-80°)	279.5	5.1			G0/660
FVH (80°-90°)	4.8	0.1			G0/10
BL (0°-30°)	869.4	15.7	B2/1000		
BM (30°-60°)	1634.3	29.6	B2/2500		
BH (60°-80°)	431.2	7.8	B1/500		G0/660
BVH (80°-90°)	16.9	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7
2.5°	2183.6	2186.6	2189.6	2192.9	2196.4	2198.8	2200.3	2201.4	2201.4	2201.3	2201.7
5°	2166.9	2169.7	2172.6	2177.1	2182.2	2186.4	2189.9	2192.9	2194.3	2195.8	2195.5
7.5°	2139.5	2142.1	2144.8	2150.6	2157.5	2164.1	2170.5	2176.3	2180.2	2184.0	2185.0
10°	2108.4	2110.6	2112.8	2119.7	2128.2	2137.0	2146.3	2154.7	2160.1	2165.6	2168.8
12.5°	2081.3	2083.2	2085.1	2091.6	2099.6	2109.8	2122.3	2133.4	2140.3	2147.2	2153.8
15°	2047.2	2050.0	2052.9	2061.3	2071.6	2082.2	2093.0	2103.3	2112.0	2120.7	2129.3
17.5°	2013.3	2015.3	2017.3	2026.3	2037.8	2048.5	2058.4	2069.2	2082.4	2095.6	2103.0
20°	1978.0	1980.4	1982.8	1992.2	2004.0	2014.9	2025.0	2036.9	2054.1	2071.3	2076.9
22.5°	1937.9	1941.6	1945.4	1954.3	1965.0	1976.7	1989.3	2003.2	2021.0	2038.9	2045.3
25°	1894.9	1898.8	1902.6	1910.9	1920.7	1932.7	1947.0	1962.5	1981.5	2000.6	2007.8
27.5°	1845.6	1851.6	1857.5	1866.6	1876.7	1889.1	1903.9	1920.2	1941.0	1961.9	1970.7
30°	1795.8	1802.4	1809.0	1818.7	1829.4	1842.3	1857.3	1874.2	1896.7	1919.2	1930.1
32.5°	1724.3	1737.1	1749.9	1762.8	1775.8	1789.5	1804.0	1820.6	1843.2	1865.9	1878.2
35°	1594.0	1627.0	1660.0	1685.9	1709.3	1728.2	1742.5	1759.2	1783.1	1807.1	1819.8
37.5°	1498.1	1515.6	1533.0	1577.8	1631.6	1665.1	1678.2	1694.3	1719.7	1745.1	1756.2
40°	1413.8	1426.5	1439.1	1490.2	1554.0	1592.9	1607.0	1624.4	1651.4	1678.4	1686.7
42.5°	1271.4	1309.2	1347.0	1401.2	1461.0	1502.6	1526.1	1548.1	1565.8	1583.5	1601.7
45°	1180.3	1197.1	1214.0	1265.5	1328.6	1377.0	1410.9	1441.7	1463.1	1484.5	1507.3
47.5°	1057.2	1089.0	1120.9	1171.4	1228.2	1276.6	1316.6	1353.6	1381.7	1409.8	1418.9
50°	946.9	974.9	1002.8	1061.7	1130.9	1186.1	1227.2	1264.2	1288.9	1313.7	1331.3
52.5°	822.2	853.6	885.0	936.4	994.5	1048.5	1098.3	1139.5	1155.1	1170.7	1208.5
55°	715.5	736.2	756.8	808.7	871.0	926.5	975.1	1017.8	1042.5	1067.2	1087.5
57.5°	584.5	615.2	645.9	692.9	745.4	803.8	868.1	921.9	943.9	965.8	985.4
60°	467.6	496.9	526.3	569.1	616.4	677.1	751.0	812.7	837.3	862.0	887.2
62.5°	370.4	393.6	416.8	457.9	504.9	563.6	634.1	694.6	725.2	755.8	782.2
65°	273.6	295.3	317.1	356.5	401.9	452.0	506.9	556.4	589.9	623.4	656.7
67.5°	186.7	204.4	222.2	256.7	296.9	345.1	401.4	451.3	482.1	512.9	530.8
70°	108.6	124.0	139.4	168.0	200.9	243.4	295.3	342.1	373.2	404.4	426.0
72.5°	79.9	82.5	85.1	104.8	130.2	163.4	204.2	241.3	266.9	292.6	315.7
75°	53.5	56.8	60.2	68.0	77.4	97.5	128.3	156.4	176.5	196.6	219.8
77.5°	31.4	34.1	36.7	40.8	45.3	56.6	74.6	91.7	106.2	120.6	141.8
80°	15.0	17.1	19.2	22.4	26.0	30.9	37.1	43.8	52.3	60.7	77.0
82.5°	5.0	6.0	7.0	8.9	11.1	13.6	16.3	19.2	22.8	26.4	36.1
85°	1.3	1.7	2.0	2.5	3.1	4.3	6.2	7.8	8.7	9.5	14.2
87.5°	1.1	1.0	0.9	1.0	1.2	1.4	1.7	2.1	2.9	3.6	6.2
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°	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7	2199.7
2.5°	2202.1	2201.4	2200.3	2199.3	2198.4	2197.7	2197.9	2198.1
5°	2195.2	2196.0	2197.2	2198.1	2198.8	2199.4	2199.9	2200.4
7.5°	2186.0	2188.0	2190.5	2191.4	2190.8	2190.1	2189.1	2188.1
10°	2172.1	2174.3	2176.2	2176.0	2173.9	2172.2	2171.8	2171.4
12.5°	2160.3	2160.7	2159.0	2158.3	2158.6	2158.6	2157.8	2157.0
15°	2137.9	2139.9	2139.7	2139.7	2139.9	2139.3	2136.7	2134.0
17.5°	2110.4	2114.3	2117.1	2116.2	2111.7	2107.3	2103.4	2099.6
20°	2082.4	2087.2	2091.8	2089.3	2079.7	2071.4	2067.0	2062.6
22.5°	2051.7	2054.9	2056.9	2053.4	2044.4	2036.7	2032.9	2029.2
25°	2014.9	2015.4	2013.7	2010.7	2006.6	2002.2	1996.9	1991.6
27.5°	1979.6	1977.6	1971.9	1968.8	1968.1	1966.2	1960.6	1955.1
30°	1941.0	1938.5	1931.6	1927.8	1927.1	1925.8	1922.6	1919.4
32.5°	1890.5	1888.5	1881.7	1880.0	1883.4	1884.7	1879.7	1874.7
35°	1832.4	1832.6	1828.5	1828.7	1833.0	1834.9	1829.5	1824.1
37.5°	1767.3	1770.7	1771.5	1772.6	1774.0	1769.1	1745.4	1721.7
40°	1695.0	1700.9	1706.0	1699.3	1680.8	1659.8	1630.9	1602.0
42.5°	1619.9	1630.6	1638.7	1621.7	1579.4	1546.1	1539.5	1532.9
45°	1530.2	1547.7	1563.4	1550.8	1509.8	1474.8	1457.8	1440.8
47.5°	1428.0	1443.3	1460.6	1450.7	1413.7	1377.8	1345.4	1313.0
50°	1349.0	1350.2	1345.9	1324.7	1286.7	1255.9	1246.8	1237.7
52.5°	1246.4	1253.1	1249.4	1231.0	1197.9	1166.3	1139.1	1112.0
55°	1107.8	1123.0	1136.4	1120.4	1075.0	1036.4	1017.9	999.5
57.5°	1004.9	1007.3	1004.0	987.3	957.1	929.3	908.6	887.8
60°	912.4	913.7	907.0	885.7	850.0	818.7	800.9	783.0
62.5°	808.6	797.5	774.0	752.4	732.9	712.3	688.5	664.7
65°	690.1	680.9	657.5	633.9	610.2	589.0	575.3	561.7
67.5°	548.8	544.9	533.7	519.0	500.8	483.0	466.8	450.5
70°	447.6	445.8	436.2	419.8	396.5	375.9	362.9	349.9
72.5°	338.8	338.5	330.4	316.9	298.1	280.3	265.8	251.4
75°	242.9	240.3	229.0	217.0	204.1	191.5	179.3	167.2
77.5°	163.0	161.9	153.4	142.2	128.1	115.7	108.4	101.2
80°	93.2	93.2	87.7	83.2	79.6	76.8	76.4	76.0
82.5°	45.8	48.1	48.0	49.1	51.4	53.0	52.3	51.7
85°	18.8	23.0	27.1	29.7	30.8	31.4	30.4	29.4
87.5°	8.9	10.9	12.7	13.9	14.4	14.7	14.4	14.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)