

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: P600762

Luminaire Tested: **ASWPLED2S-40W-5000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600762
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-5000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (312) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5719 lumens
Efficiency: N/A
Efficacy: 147.4 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

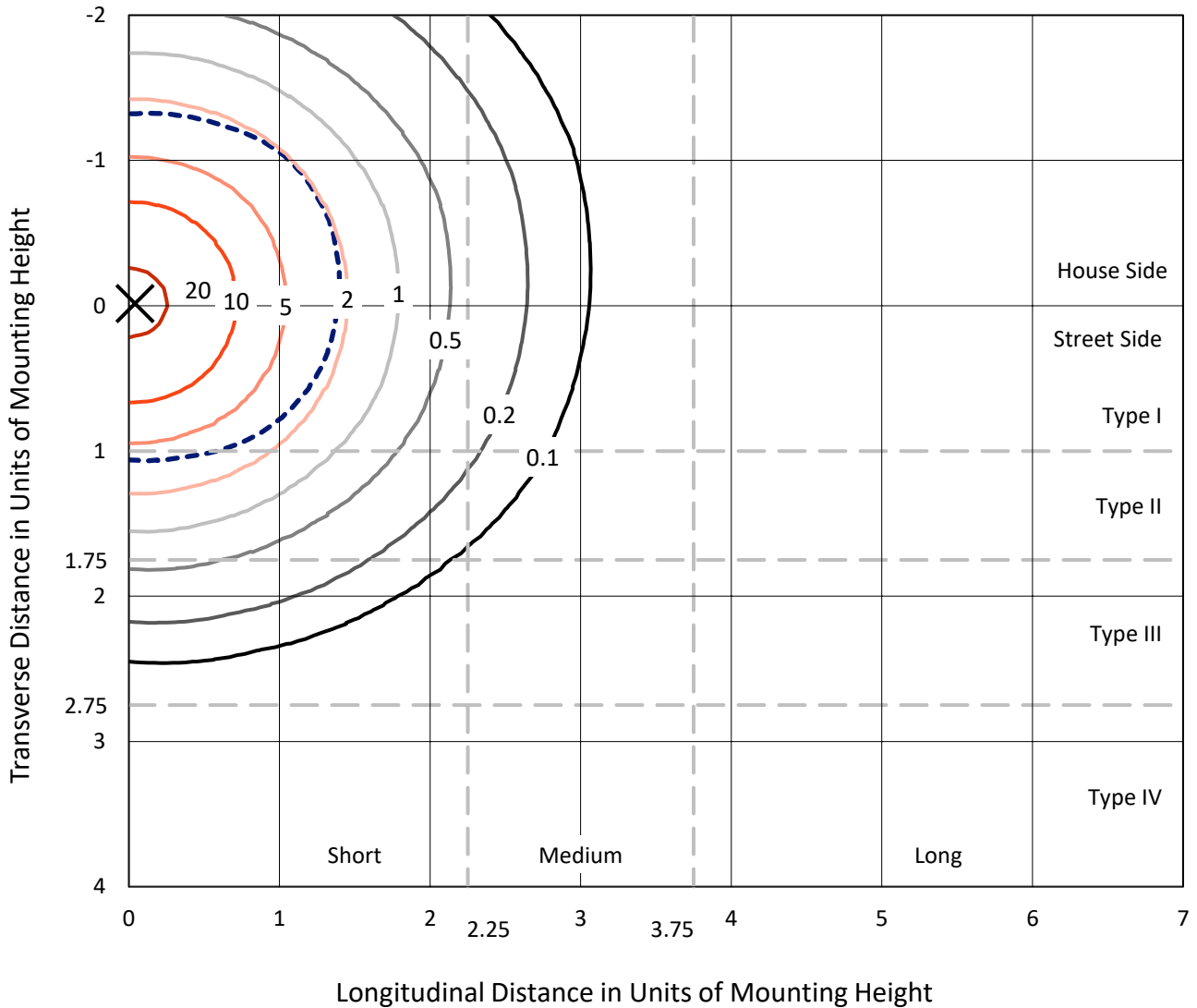
Input Watts (W): 38.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P600762
 CATALOG NUMBER: ASWPLED2S-40W-5000K

Iso-Footcandle Lines of Horizontal Illumination

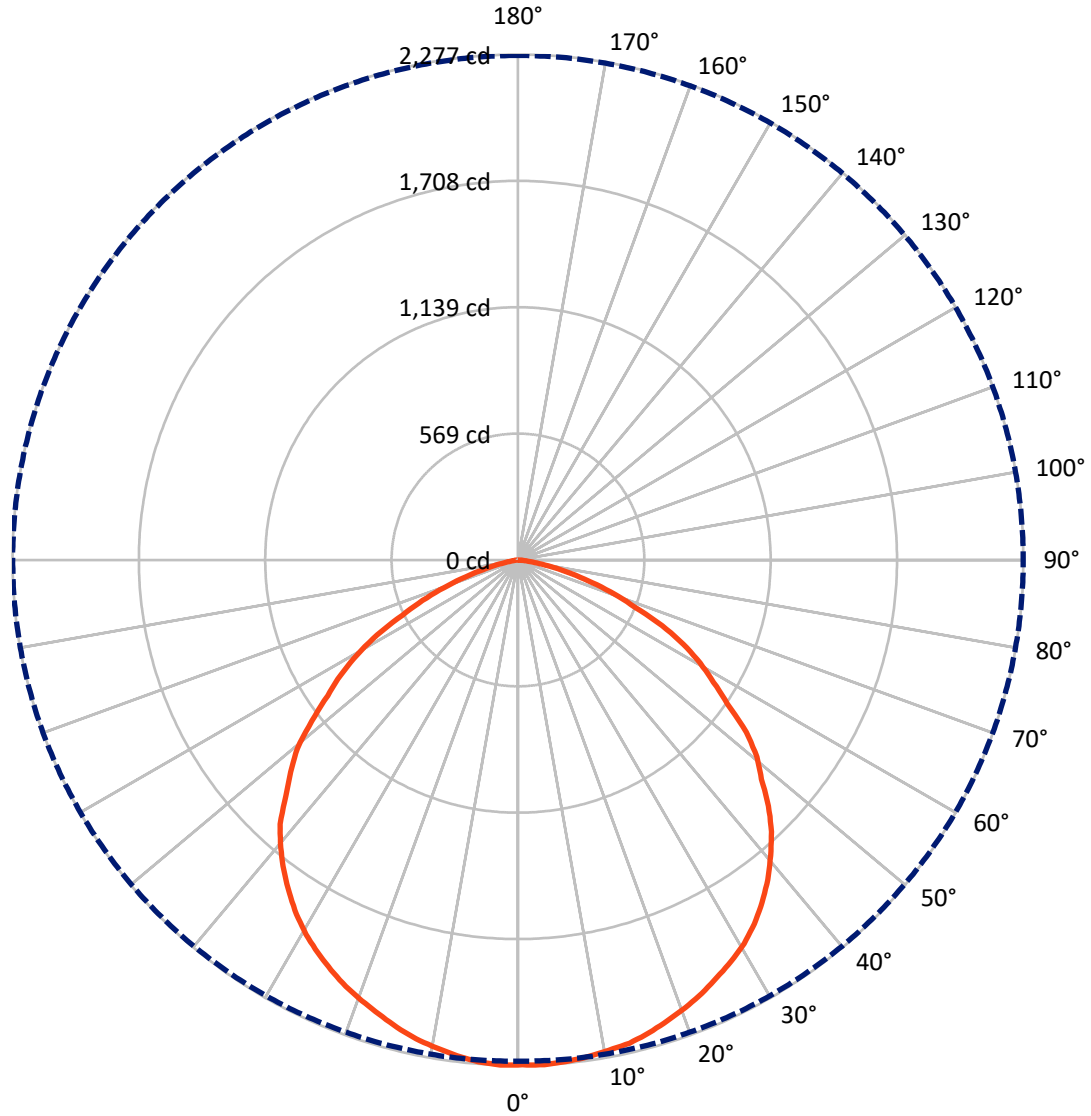
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 22.7 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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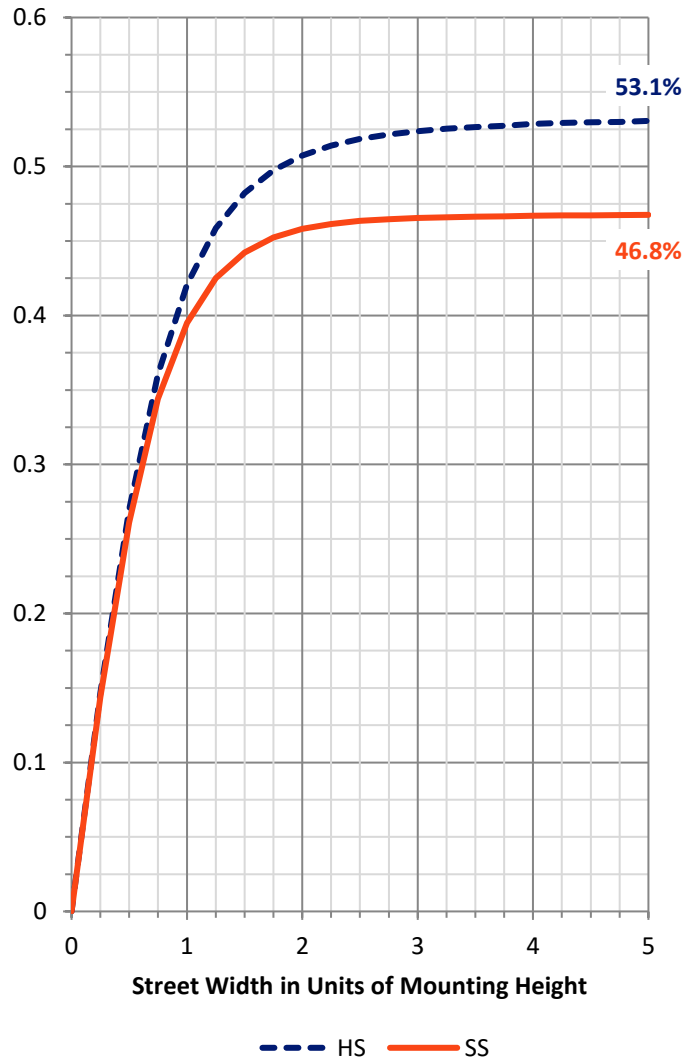
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3052.3	0.0	3052.3
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	2666.7	0.0	2666.7
	% Fixture	46.6	0.0	46.6
Total	Lumens	5719.0	0.0	5719.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.9	3.8
10°-20°	615.2	10.8
20°-30°	940.3	16.4
30°-40°	1141.0	20.0
40°-50°	1135.4	19.9
50°-60°	914.8	16.0
60°-70°	549.2	9.6
70°-80°	185.6	3.2
80°-90°	22.5	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°	5719.0	100.0
0°-180°	5719.0	100.0

Coefficient of Utilization



REPORT NUMBER: P600762

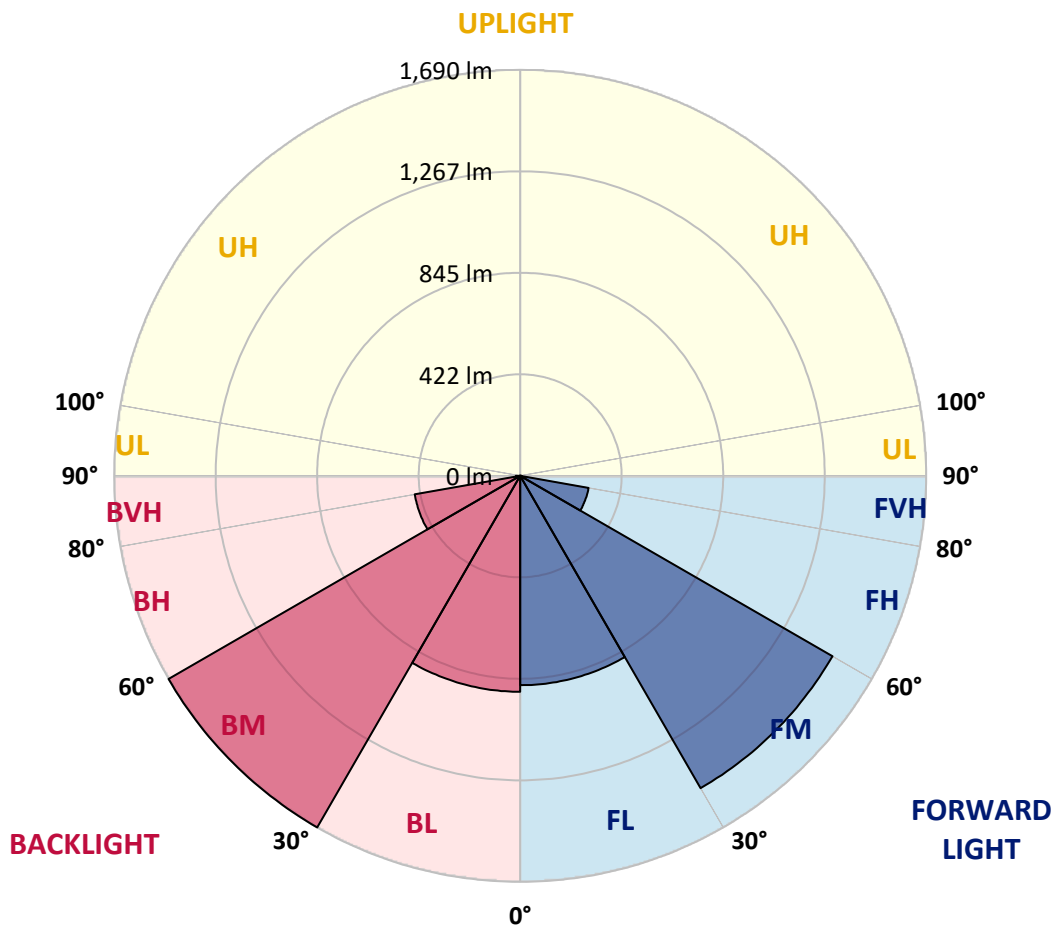
CATALOG NUMBER: ASWPLED2S-40W-5000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	871.5	15.2			
FM (30°-60°)	1501.2	26.2			
FH (60°-80°)	289.0	5.1			G0/660
FVH (80°-90°)	5.0	0.1			G0/10
BL (0°-30°)	899.0	15.7	B2/1000		
BM (30°-60°)	1690.0	29.6	B2/2500		
BH (60°-80°)	445.9	7.8	B1/500		G0/660
BVH (80°-90°)	17.5	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





REPORT NUMBER: P600762
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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6
2.5°	2258.0	2261.0	2264.1	2267.6	2271.2	2273.8	2275.3	2276.4	2276.3	2276.2	2276.6
5°	2240.7	2243.6	2246.6	2251.2	2256.5	2260.9	2264.4	2267.5	2269.0	2270.6	2270.2
7.5°	2212.3	2215.1	2217.8	2223.8	2230.9	2237.8	2244.4	2250.4	2254.4	2258.4	2259.4
10°	2180.2	2182.5	2184.8	2191.9	2200.6	2209.8	2219.5	2228.1	2233.8	2239.4	2242.7
12.5°	2152.1	2154.1	2156.1	2162.8	2171.1	2181.7	2194.6	2206.0	2213.2	2220.4	2227.1
15°	2117.0	2119.9	2122.8	2131.5	2142.2	2153.2	2164.3	2174.9	2183.9	2192.9	2201.8
17.5°	2081.9	2083.9	2085.9	2095.3	2107.2	2118.2	2128.5	2139.7	2153.3	2167.0	2174.6
20°	2045.3	2047.8	2050.4	2060.1	2072.2	2083.5	2094.0	2106.2	2124.0	2141.8	2147.6
22.5°	2003.9	2007.7	2011.6	2020.9	2031.9	2044.0	2057.0	2071.4	2089.8	2108.3	2115.0
25°	1959.4	1963.4	1967.5	1976.1	1986.2	1998.6	2013.3	2029.3	2049.0	2068.7	2076.1
27.5°	1908.5	1914.6	1920.8	1930.2	1940.6	1953.5	1968.8	1985.6	2007.1	2028.7	2037.8
30°	1857.0	1863.8	1870.6	1880.6	1891.7	1905.1	1920.6	1938.0	1961.3	1984.6	1995.8
32.5°	1783.0	1796.2	1809.4	1822.8	1836.3	1850.5	1865.5	1882.6	1906.0	1929.5	1942.2
35°	1648.3	1682.4	1716.6	1743.3	1767.5	1787.0	1801.7	1819.0	1843.8	1868.6	1881.7
37.5°	1549.1	1567.2	1585.2	1631.5	1687.2	1721.8	1735.3	1752.0	1778.3	1804.5	1816.0
40°	1461.9	1475.0	1488.1	1540.9	1606.9	1647.2	1661.8	1679.7	1707.6	1735.6	1744.1
42.5°	1314.6	1353.7	1392.8	1449.0	1510.8	1553.8	1578.1	1600.8	1619.1	1637.4	1656.2
45°	1220.5	1237.9	1255.3	1308.6	1373.8	1423.9	1459.0	1490.8	1513.0	1535.1	1558.7
47.5°	1093.2	1126.1	1159.1	1211.3	1270.0	1320.1	1361.4	1399.7	1428.7	1457.8	1467.2
50°	979.2	1008.1	1037.0	1097.9	1169.4	1226.5	1269.0	1307.3	1332.9	1358.5	1376.7
52.5°	850.2	882.6	915.1	968.3	1028.4	1084.2	1135.7	1178.3	1194.4	1210.5	1249.7
55°	739.9	761.2	782.6	836.3	900.8	958.1	1008.4	1052.5	1078.0	1103.6	1124.6
57.5°	604.4	636.1	667.8	716.5	770.8	831.2	897.7	953.3	976.0	998.7	1018.9
60°	483.5	513.9	544.2	588.5	637.4	700.1	776.6	840.3	865.8	891.3	917.4
62.5°	383.0	407.0	431.0	473.5	522.1	582.9	655.7	718.3	749.9	781.6	808.9
65°	282.9	305.4	327.9	368.7	415.6	467.4	524.1	575.3	609.9	644.6	679.0
67.5°	193.0	211.4	229.8	265.5	307.0	356.8	415.0	466.6	498.5	530.4	548.9
70°	112.3	128.3	144.2	173.7	207.8	251.7	305.4	353.8	386.0	418.2	440.5
72.5°	82.6	85.3	88.0	108.4	134.7	168.9	211.2	249.5	276.0	302.6	326.4
75°	55.3	58.7	62.1	70.3	80.0	100.8	132.7	161.8	182.5	203.3	227.2
77.5°	32.5	35.2	38.0	42.2	46.9	58.5	77.1	94.8	109.8	124.8	146.6
80°	15.5	17.6	19.8	23.1	26.8	31.9	38.3	45.3	54.0	62.8	79.6
82.5°	5.2	6.2	7.2	9.2	11.5	14.1	16.8	19.8	23.6	27.4	37.4
85°	1.3	1.7	2.0	2.6	3.2	4.5	6.4	8.1	9.0	9.8	14.6
87.5°	1.1	1.0	1.0	1.1	1.2	1.5	1.8	2.2	3.0	3.7	6.5
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°	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6	2274.6
2.5°	2277.1	2276.4	2275.3	2274.2	2273.3	2272.6	2272.7	2272.9
5°	2269.9	2270.8	2272.1	2273.0	2273.7	2274.3	2274.9	2275.4
7.5°	2260.4	2262.6	2265.1	2266.0	2265.4	2264.6	2263.6	2262.6
10°	2246.1	2248.3	2250.2	2250.1	2247.9	2246.1	2245.7	2245.3
12.5°	2233.9	2234.3	2232.5	2231.7	2232.1	2232.1	2231.3	2230.5
15°	2210.7	2212.7	2212.5	2212.5	2212.7	2212.2	2209.4	2206.6
17.5°	2182.3	2186.3	2189.2	2188.3	2183.6	2179.1	2175.1	2171.1
20°	2153.4	2158.3	2163.0	2160.4	2150.5	2141.9	2137.3	2132.8
22.5°	2121.6	2124.9	2126.9	2123.3	2114.0	2106.1	2102.2	2098.3
25°	2083.5	2084.0	2082.2	2079.2	2075.0	2070.4	2064.9	2059.4
27.5°	2047.0	2044.9	2039.1	2035.8	2035.1	2033.1	2027.3	2021.6
30°	2007.1	2004.6	1997.5	1993.5	1992.8	1991.4	1988.1	1984.8
32.5°	1954.9	1952.8	1945.8	1944.0	1947.5	1948.9	1943.7	1938.5
35°	1894.8	1895.0	1890.8	1890.9	1895.4	1897.3	1891.8	1886.2
37.5°	1827.4	1830.9	1831.7	1832.9	1834.4	1829.4	1804.8	1780.3
40°	1752.7	1758.8	1764.1	1757.2	1738.1	1716.3	1686.4	1656.5
42.5°	1675.1	1686.1	1694.5	1676.9	1633.2	1598.7	1591.9	1585.1
45°	1582.3	1600.4	1616.7	1603.6	1561.2	1525.0	1507.5	1489.9
47.5°	1476.7	1492.5	1510.3	1500.1	1461.8	1424.7	1391.2	1357.7
50°	1394.9	1396.1	1391.7	1369.9	1330.6	1298.7	1289.3	1279.8
52.5°	1288.9	1295.8	1291.9	1272.9	1238.7	1206.0	1177.9	1149.8
55°	1145.6	1161.2	1175.1	1158.6	1111.7	1071.7	1052.6	1033.5
57.5°	1039.1	1041.6	1038.2	1020.9	989.7	960.9	939.5	918.1
60°	943.5	944.8	937.8	915.8	878.9	846.6	828.1	809.6
62.5°	836.2	824.7	800.3	778.0	757.8	736.5	711.9	687.3
65°	713.5	704.0	679.9	655.5	631.0	609.1	594.9	580.8
67.5°	567.4	563.4	551.9	536.7	517.8	499.5	482.7	465.9
70°	462.8	461.0	451.1	434.1	410.0	388.6	375.2	361.8
72.5°	350.3	350.0	341.6	327.7	308.2	289.9	274.9	259.9
75°	251.1	248.4	236.8	224.4	211.1	198.1	185.5	172.9
77.5°	168.5	167.4	158.7	147.0	132.4	119.6	112.1	104.6
80°	96.4	96.4	90.7	86.0	82.3	79.4	79.0	78.6
82.5°	47.4	49.8	49.7	50.8	53.2	54.8	54.1	53.4
85°	19.4	23.8	28.0	30.7	31.9	32.5	31.5	30.4
87.5°	9.2	11.3	13.2	14.4	14.9	15.2	14.9	14.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)