

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: INVUE

Report Number: P672262

Luminaire Tested: **CCP-SA-2C-740-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672262
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-740-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3R distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

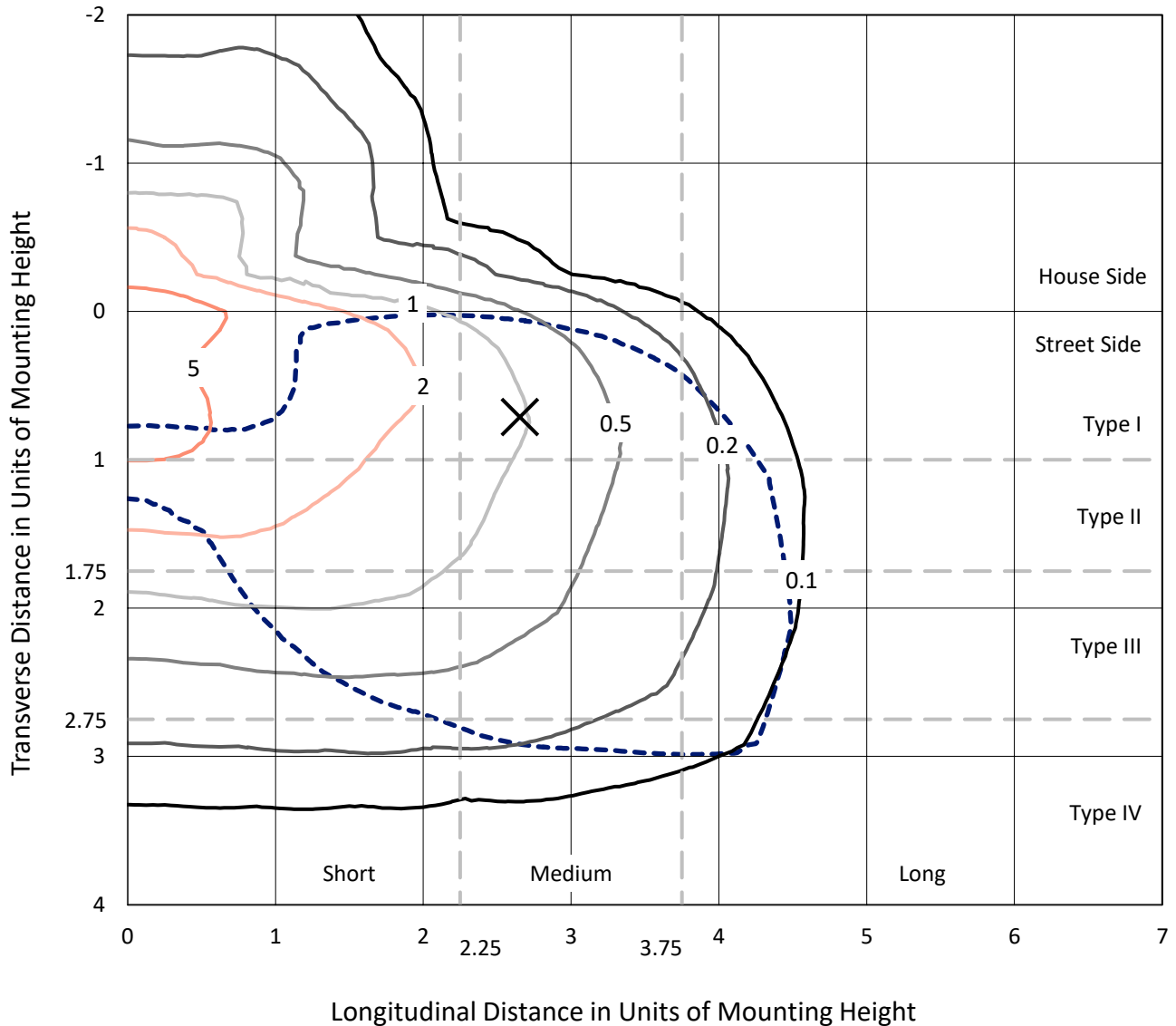
Lumens per Lamp: N/A
Luminaire Lumens: 9189.6 lumens
Efficiency: N/A
Efficacy: 148.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 62.1
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: 25 FT

REPORT NUMBER: P672262
 CATALOG NUMBER: CCP-SA-2C-740-U-T3R

Iso-Footcandle Lines of Horizontal Illumination

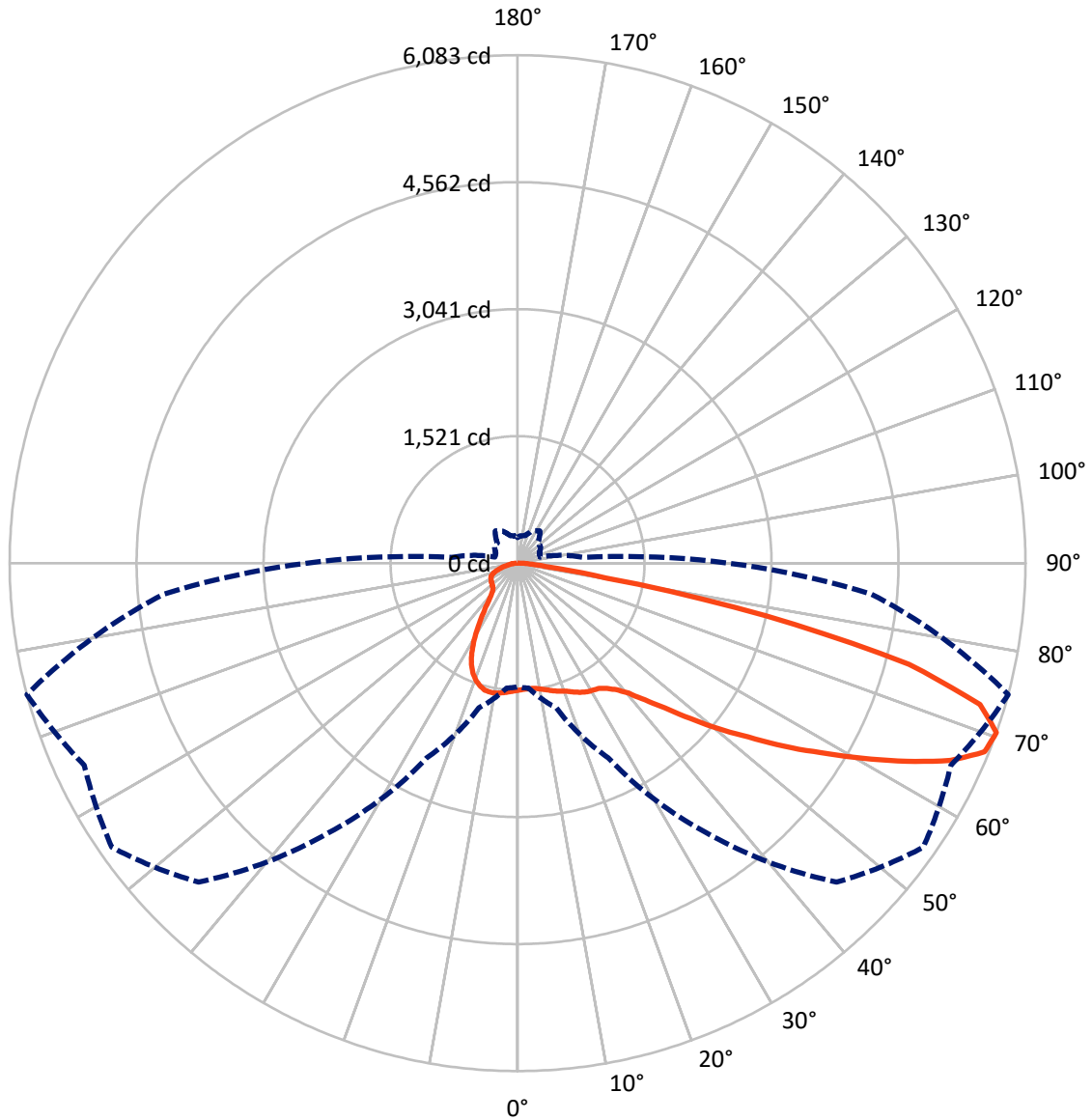
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7 fc
 Type IV - Medium - N/A

REPORT NUMBER: P672262
CATALOG NUMBER: CCP-SA-2C-740-U-T3R

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672262

CATALOG NUMBER: CCP-SA-2C-740-U-T3R

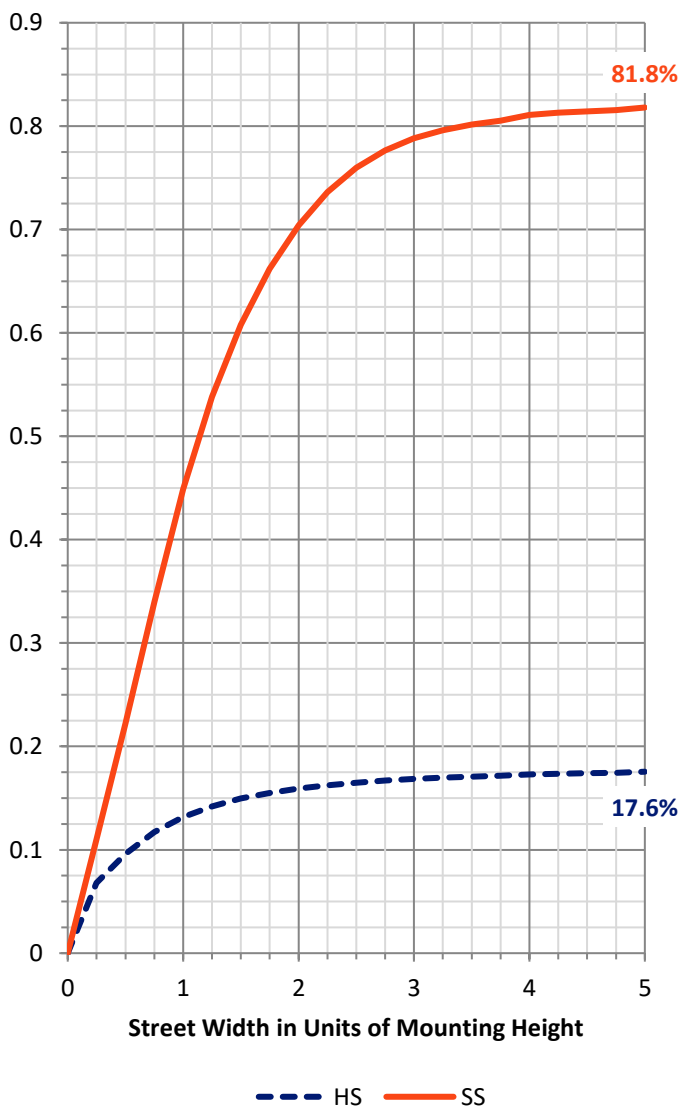
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1634.9	0.0	1634.9
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	7554.6	0.0	7554.6
	% Fixture	82.2	0.0	82.2
Total	Lumens	9189.6	0.0	9189.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.7	1.5
10°-20°	364.9	4.0
20°-30°	614.9	6.7
30°-40°	933.8	10.2
40°-50°	1337.9	14.6
50°-60°	1773.7	19.3
60°-70°	2219.7	24.2
70°-80°	1621.0	17.6
80°-90°	186.9	2.0
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°	9189.6	100.0
0°-180°	9189.6	100.0



REPORT NUMBER: P672262

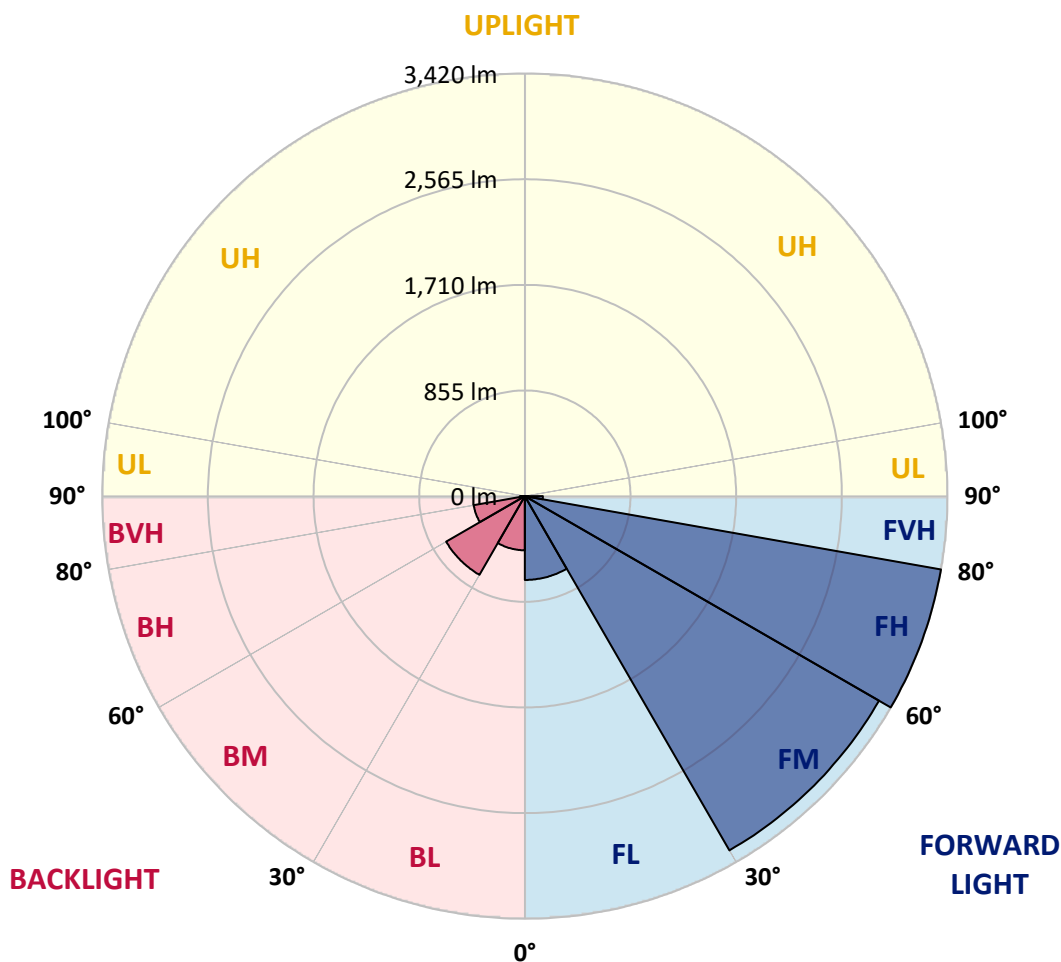
CATALOG NUMBER: CCP-SA-2C-740-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	678.3	7.4			
FM (30°-60°)	3310.4	36.0			
FH (60°-80°)	3420.1	37.2			G2/5000
FVH (80°-90°)	145.9	1.6			G2/225
BL (0°-30°)	438.2	4.8	B1/500		
BM (30°-60°)	735.1	8.0	B1/1000		
BH (60°-80°)	420.6	4.6	B1/500		G1/500
BVH (80°-90°)	41.1	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Medium





REPORT NUMBER: P672262

CATALOG NUMBER: CCP-SA-2C-740-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2
2.5°	1438.9	1446.8	1454.1	1461.4	1467.3	1483.2	1486.5	1503.7	1508.3	1512.3	1517.6
5°	1358.2	1364.2	1371.4	1383.3	1395.9	1424.3	1444.2	1481.9	1503.0	1509.6	1528.2
7.5°	1314.6	1316.6	1326.5	1336.4	1350.9	1378.7	1405.8	1464.7	1507.0	1514.3	1553.9
10°	1282.8	1285.5	1294.7	1308.6	1323.2	1349.0	1382.7	1452.8	1521.5	1532.8	1589.0
12.5°	1271.6	1270.3	1280.9	1290.1	1310.6	1343.0	1378.1	1453.4	1541.4	1557.3	1639.9
15°	1316.6	1308.0	1314.6	1311.3	1317.9	1349.6	1391.3	1468.0	1565.9	1585.7	1692.8
17.5°	1415.7	1408.5	1403.8	1375.4	1356.9	1374.7	1414.4	1488.5	1591.6	1612.8	1740.4
20°	1563.9	1543.4	1526.2	1478.6	1427.0	1421.0	1448.8	1509.0	1616.1	1636.6	1790.7
22.5°	1732.5	1716.0	1688.2	1604.9	1524.9	1485.2	1492.5	1546.7	1651.8	1674.3	1848.2
25°	1945.4	1944.8	1887.9	1775.5	1654.5	1574.4	1559.2	1606.8	1692.2	1714.0	1895.8
27.5°	2188.1	2171.6	2104.1	1959.3	1807.2	1684.9	1649.2	1668.3	1724.6	1747.0	1934.2
30°	2395.7	2397.7	2328.9	2170.9	1969.9	1792.7	1725.2	1712.7	1745.7	1768.2	1969.9
32.5°	2617.9	2606.7	2543.8	2381.2	2145.8	1908.4	1774.1	1744.4	1767.5	1788.7	2019.5
35°	2826.9	2814.3	2760.1	2584.8	2339.5	2036.0	1840.3	1794.0	1819.1	1842.3	2080.3
37.5°	3025.9	3027.9	2966.4	2799.1	2527.3	2186.8	1938.1	1868.7	1895.8	1921.6	2172.9
40°	3199.8	3189.9	3142.3	2991.5	2722.4	2340.2	2048.6	1970.5	2023.4	2047.2	2289.9
42.5°	3255.4	3254.7	3273.2	3180.6	2927.4	2522.7	2186.1	2129.2	2204.0	2239.7	2433.4
45°	3207.1	3221.6	3328.8	3326.1	3132.4	2732.3	2373.9	2322.3	2430.1	2470.4	2608.7
47.5°	3159.5	3181.3	3326.8	3409.4	3316.2	2963.1	2604.7	2566.3	2721.1	2779.3	2790.5
50°	3090.0	3110.5	3283.8	3421.3	3428.6	3196.5	2903.6	2855.3	3054.3	3113.8	2988.2
52.5°	3012.7	3028.5	3207.7	3412.7	3482.2	3379.0	3196.5	3182.6	3411.4	3459.7	3189.2
55°	2585.5	2653.0	3096.0	3394.2	3519.2	3518.5	3481.5	3527.1	3800.9	3873.0	3413.4
57.5°	2340.2	2375.9	2781.2	3383.6	3588.6	3647.5	3775.8	3873.6	4216.8	4281.6	3660.7
60°	2260.2	2291.9	2623.2	3371.1	3726.8	3849.2	4063.4	4222.1	4663.8	4743.2	3937.1
62.5°	2187.4	2225.8	2559.1	3271.2	3894.1	4168.6	4406.6	4599.0	5135.3	5229.2	4212.2
65°	2039.3	2066.4	2441.4	3187.2	4052.8	4624.2	4901.9	5014.3	5592.2	5698.0	4394.7
67.5°	1783.4	1809.2	2176.2	2994.2	4156.0	5098.3	5443.5	5444.1	5945.3	6032.0	4433.1
70°	1482.5	1502.4	1794.0	2573.6	3941.1	5402.5	5932.1	5725.1	6045.2	6082.9	4250.5
72.5°	1060.0	1077.2	1313.9	1902.4	3231.6	5155.8	6043.2	5713.2	5803.2	5791.3	3731.5
75°	653.3	686.4	804.7	1161.2	2008.2	4056.8	5438.8	5177.0	4872.8	4839.7	2809.7
77.5°	425.8	443.0	544.2	685.1	886.1	2328.9	4130.9	3881.6	3076.8	3038.5	1510.3
80°	255.9	284.3	356.4	430.5	401.4	890.7	2358.7	1928.2	1087.1	1075.2	464.2
82.5°	137.5	163.3	251.3	266.5	225.5	314.8	854.3	626.9	347.8	343.9	173.9
85°	109.1	121.7	180.5	168.6	127.6	159.4	333.3	261.2	178.5	174.6	65.5
87.5°	66.1	83.3	136.9	113.7	63.5	57.5	152.7	123.7	84.0	78.0	25.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P672262
 CATALOG NUMBER: CCP-SA-2C-740-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2	1522.2
2.5°	1527.5	1530.8	1534.1	1527.5	1530.1	1526.8	1526.8	1526.8	1518.2	1515.6	1523.5
5°	1542.0	1546.7	1549.3	1528.8	1516.3	1497.7	1482.5	1459.4	1446.2	1437.6	1437.6
7.5°	1571.8	1577.1	1565.2	1519.6	1475.3	1425.7	1374.7	1332.4	1302.0	1288.8	1292.8
10°	1615.4	1617.4	1577.8	1493.8	1399.2	1307.3	1235.2	1179.0	1141.3	1122.1	1119.5
12.5°	1666.4	1657.8	1580.4	1436.9	1296.7	1173.1	1085.1	1012.4	964.1	945.6	936.3
15°	1716.6	1696.1	1570.5	1368.8	1180.3	1031.6	919.1	850.4	820.6	812.0	808.7
17.5°	1761.6	1723.2	1537.4	1270.9	1045.4	866.2	783.6	759.1	762.4	770.4	773.7
20°	1802.6	1743.7	1489.8	1154.6	876.8	737.3	716.8	739.3	757.8	769.7	771.7
22.5°	1847.5	1763.6	1423.7	1013.0	738.6	677.8	702.3	728.0	746.6	758.5	760.4
25°	1881.9	1762.9	1330.4	845.1	651.3	661.9	691.0	714.2	728.0	736.6	736.0
27.5°	1903.8	1747.0	1208.1	706.9	617.0	650.7	678.4	693.7	701.6	708.2	707.5
30°	1910.4	1716.6	1054.0	605.0	601.1	640.1	661.3	670.5	676.5	683.1	683.1
32.5°	1923.6	1669.7	884.1	548.2	589.2	629.5	642.1	649.4	644.7	628.2	624.9
35°	1938.1	1617.4	723.4	521.7	577.9	622.2	634.1	615.0	564.7	558.1	555.5
37.5°	1966.6	1569.2	587.2	503.2	575.3	626.2	636.1	559.4	517.1	496.6	493.3
40°	2014.8	1520.9	495.9	490.0	578.6	643.4	609.7	533.0	462.9	423.9	417.3
42.5°	2078.3	1462.0	444.4	483.4	587.9	671.2	600.4	495.3	418.6	392.1	388.2
45°	2151.7	1384.0	419.9	482.1	599.1	685.1	603.1	464.9	398.7	378.2	376.9
47.5°	2227.8	1307.3	409.3	480.7	613.0	679.1	566.7	455.6	390.8	384.9	388.8
50°	2309.8	1220.0	400.7	477.4	624.2	679.1	546.9	453.6	393.4	406.7	419.9
52.5°	2386.5	1146.6	390.8	467.5	628.9	667.2	540.9	460.9	397.4	394.1	398.1
55°	2479.7	1108.9	385.5	453.6	620.3	630.8	533.6	480.7	400.7	373.6	373.6
57.5°	2586.2	1101.0	377.6	435.1	592.5	580.6	533.0	492.6	392.1	367.0	362.4
60°	2714.5	1118.2	367.7	412.0	558.8	541.6	528.3	492.6	378.2	355.8	357.7
62.5°	2818.3	1116.2	361.7	391.5	513.8	501.2	519.7	486.0	372.9	354.4	353.8
65°	2842.7	1073.9	344.5	365.0	458.2	452.3	510.5	469.5	365.7	347.2	341.9
67.5°	2760.1	978.0	318.7	330.0	399.4	400.1	494.0	447.7	355.8	343.2	334.6
70°	2525.3	790.9	280.4	287.6	335.9	344.5	469.5	421.9	339.2	326.0	305.5
72.5°	2113.4	568.7	236.1	238.1	267.1	289.6	427.2	386.8	314.8	283.7	261.9
75°	1564.5	377.6	192.4	189.8	200.4	235.4	365.0	347.8	283.0	235.4	224.2
77.5°	827.2	223.5	148.1	148.8	142.2	180.5	289.6	302.2	251.3	198.4	187.1
80°	283.0	134.2	106.5	111.1	100.5	128.9	214.9	251.3	214.9	165.3	146.1
82.5°	129.6	82.0	76.0	79.4	72.1	87.3	147.5	190.4	171.3	120.3	97.2
85°	65.5	48.9	48.9	53.6	47.6	45.0	81.3	126.3	125.6	82.7	71.4
87.5°	27.1	23.8	22.5	25.8	22.5	17.2	23.1	45.6	66.1	49.6	31.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)