

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: P670846

Luminaire Tested: **CCP-SA-2E-760-U-T3**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P670846
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-760-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ T3 distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

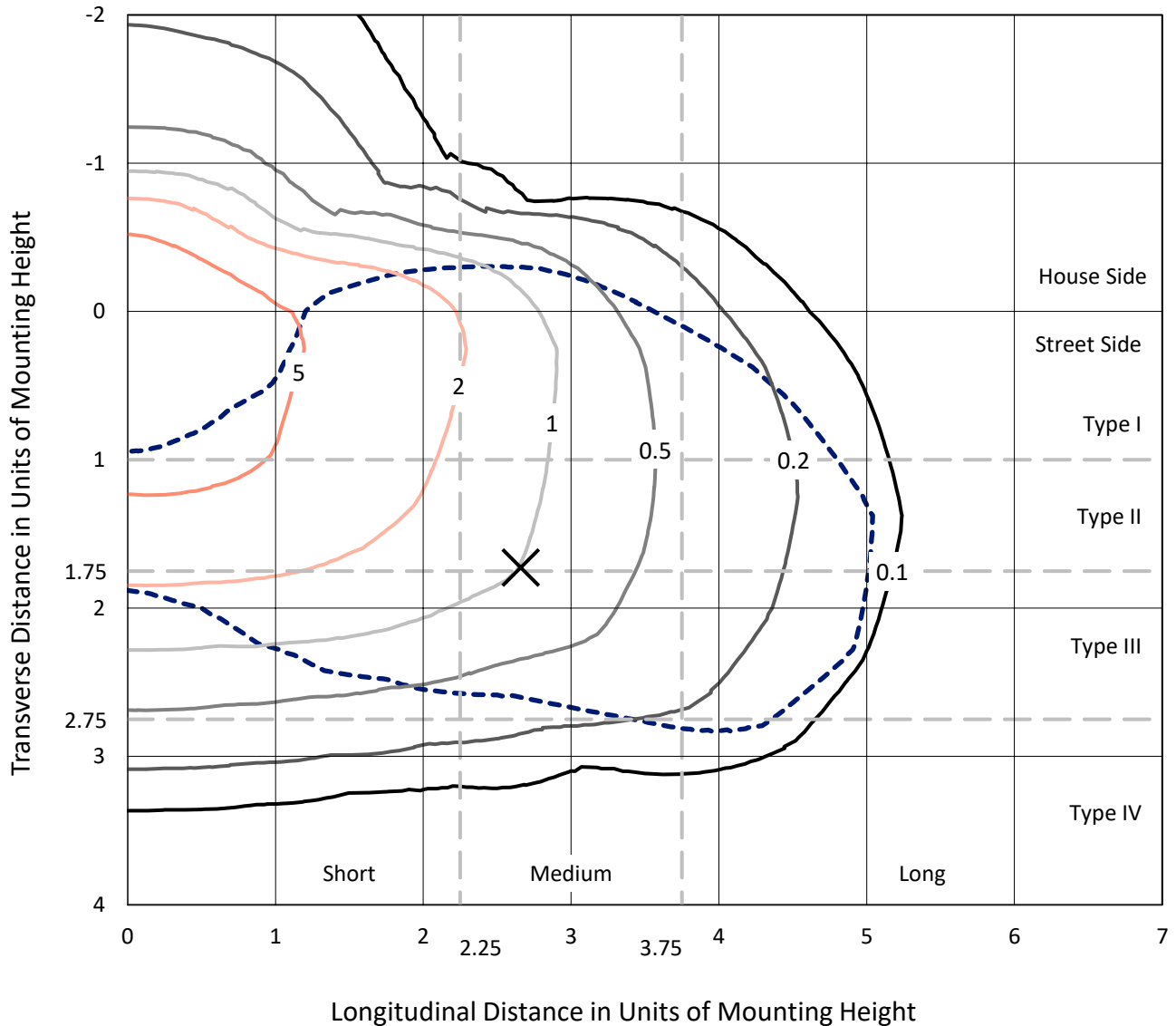
Lumens per Lamp: N/A
Luminaire Lumens: 14131.4 lumens
Efficiency: N/A
Efficacy: 132.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 106.6
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

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Iso-Footcandle Lines of Horizontal Illumination

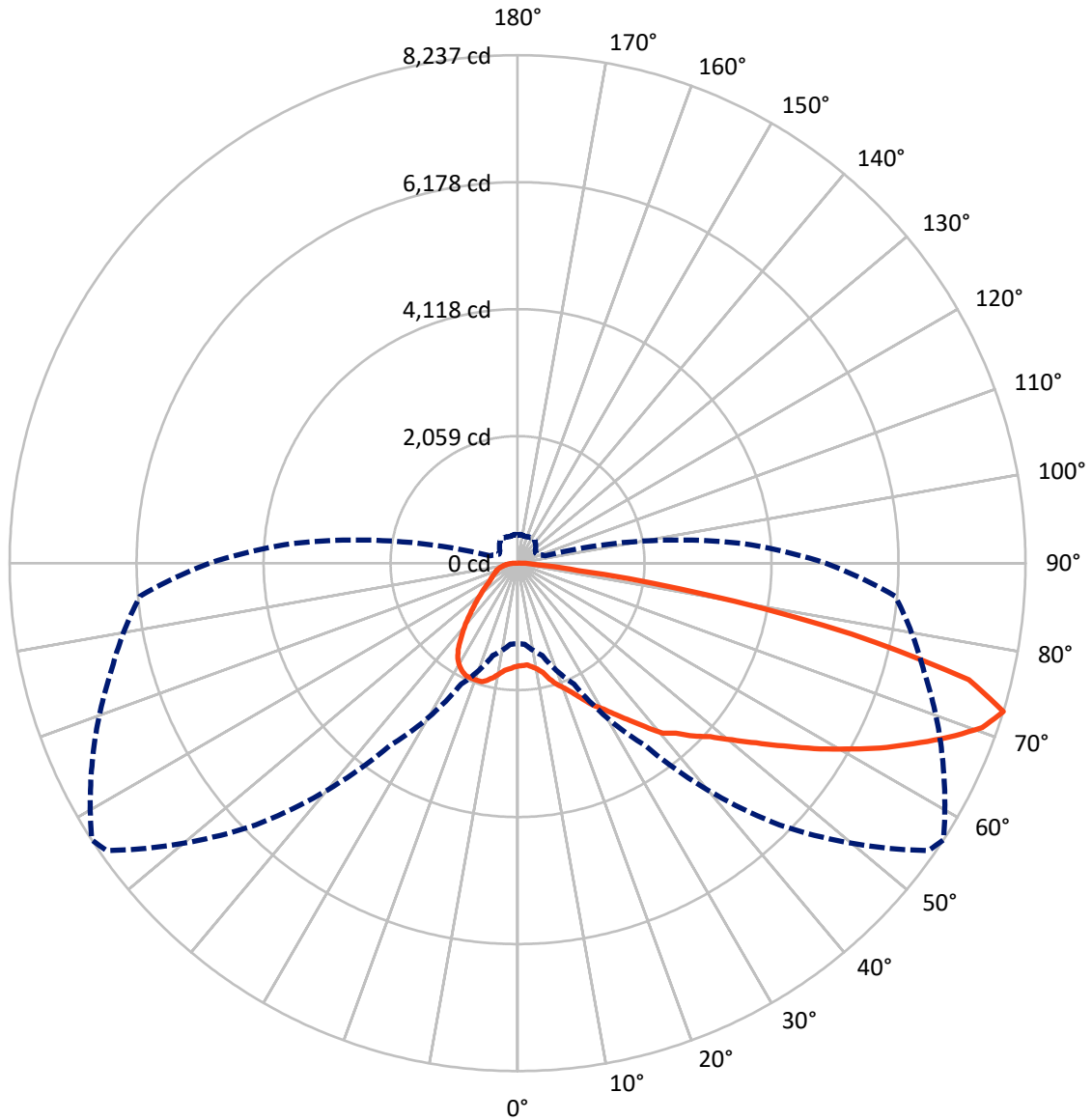
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 8.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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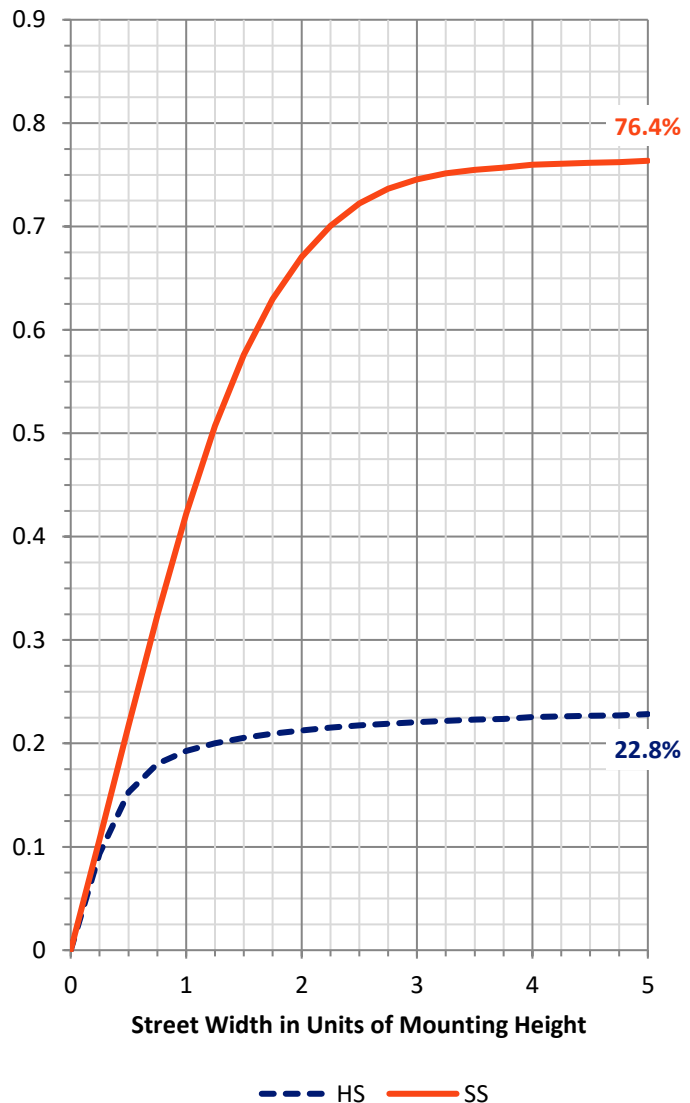
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3300.2	0.0	3300.2
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	10831.2	0.0	10831.2
	% Fixture	76.6	0.0	76.6
Total	Lumens	14131.4	0.0	14131.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.6	1.2
10°-20°	558.0	3.9
20°-30°	1020.0	7.2
30°-40°	1496.5	10.6
40°-50°	2060.5	14.6
50°-60°	2825.5	20.0
60°-70°	3406.0	24.1
70°-80°	2268.9	16.1
80°-90°	330.5	2.3
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°	14131.4	100.0
0°-180°	14131.4	100.0



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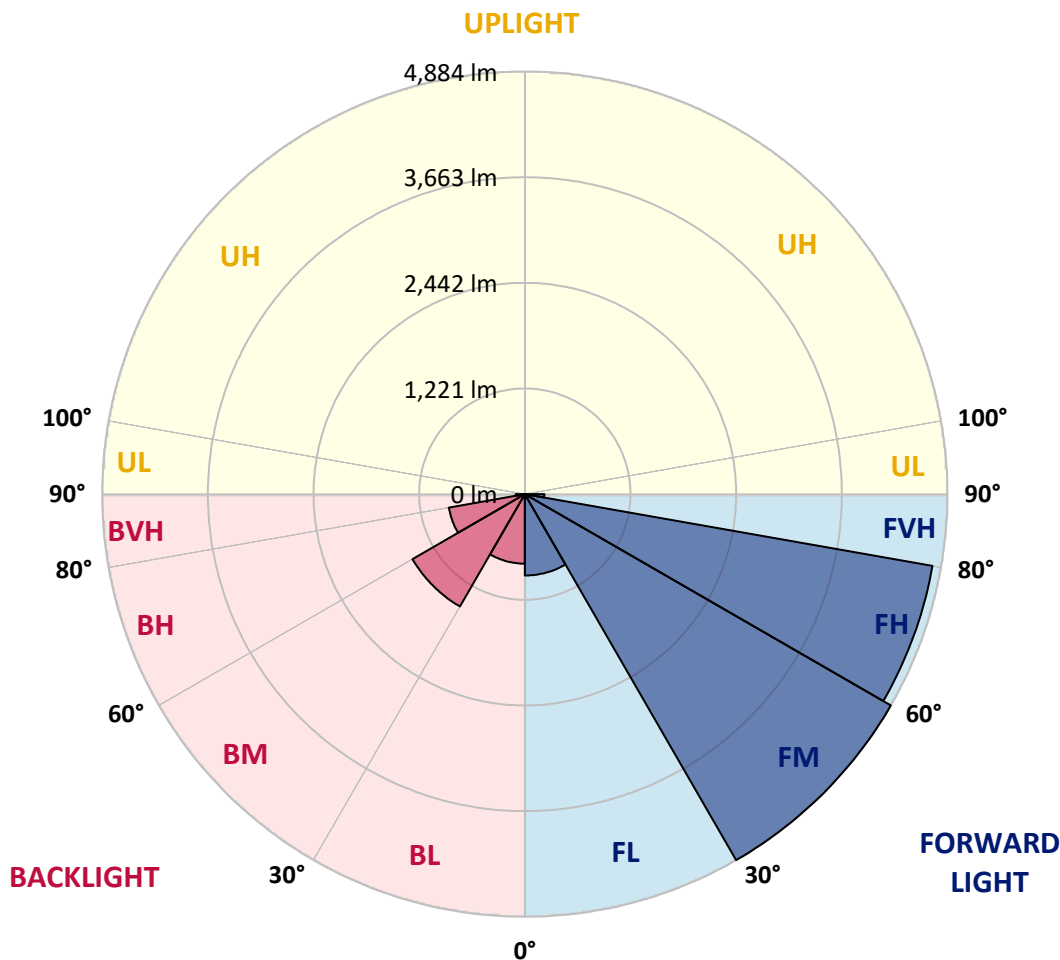
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	940.1	6.7			
FM (30°-60°)	4883.5	34.6			
FH (60°-80°)	4782.6	33.8			G2/5000
FVH (80°-90°)	225.0	1.6			G3/500
BL (0°-30°)	803.5	5.7	B2/1000		
BM (30°-60°)	1499.0	10.6	B2/2500		
BH (60°-80°)	892.3	6.3	B2/1000		G2/1000
BVH (80°-90°)	105.4	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0
2.5°	1637.1	1642.2	1652.5	1647.4	1647.4	1631.9	1657.7	1662.8	1652.5	1657.7	1668.0
5°	1637.1	1647.4	1662.8	1652.5	1657.7	1652.5	1642.2	1657.7	1657.7	1662.8	1678.3
7.5°	1724.6	1719.4	1719.4	1704.0	1698.8	1693.7	1698.8	1698.8	1688.5	1693.7	1693.7
10°	1822.4	1822.4	1812.1	1812.1	1801.8	1776.1	1750.3	1745.2	1729.7	1734.9	1734.9
12.5°	1925.4	1935.7	1946.0	1915.1	1904.8	1863.6	1848.1	1817.2	1817.2	1807.0	1801.8
15°	2054.1	2038.6	2048.9	2038.6	2012.9	1971.7	1946.0	1951.1	1915.1	1904.8	1889.3
17.5°	2167.3	2172.5	2157.0	2146.7	2100.4	2069.5	2074.7	2069.5	2023.2	2007.7	1982.0
20°	2301.2	2296.0	2296.0	2265.1	2223.9	2182.8	2167.3	2162.2	2172.5	2141.6	2079.8
22.5°	2440.2	2419.6	2419.6	2393.8	2337.2	2311.5	2301.2	2280.6	2290.9	2265.1	2172.5
25°	2553.4	2553.4	2589.5	2538.0	2507.1	2455.6	2435.0	2440.2	2445.3	2393.8	2285.7
27.5°	2702.7	2677.0	2713.0	2687.3	2671.8	2615.2	2589.5	2604.9	2594.6	2538.0	2388.7
30°	2893.2	2898.3	2877.7	2841.7	2821.1	2779.9	2764.5	2749.0	2764.5	2692.4	2501.9
32.5°	3130.0	3145.4	3094.0	3052.8	3016.7	2975.6	2944.7	2929.2	2944.7	2836.6	2589.5
35°	3402.8	3418.3	3377.1	3330.8	3289.6	3186.6	3160.9	3135.1	3078.5	2903.5	2671.8
37.5°	3655.1	3634.5	3624.2	3624.2	3547.0	3397.7	3382.2	3366.8	3258.7	3037.3	2785.1
40°	3825.0	3850.7	3840.4	3830.1	3819.8	3680.8	3649.9	3624.2	3444.0	3238.1	2944.7
42.5°	4015.5	4000.0	4041.2	4056.6	4020.6	3979.4	3855.9	3768.3	3608.8	3444.0	3181.5
45°	4242.0	4231.7	4247.1	4303.7	4252.3	4267.7	4061.8	4000.0	3799.2	3701.4	3480.1
47.5°	4442.7	4468.5	4545.7	4561.1	4520.0	4592.0	4303.7	4205.9	4077.2	4000.0	3788.9
50°	4530.3	4561.1	4736.2	4844.3	4849.4	4962.7	4545.7	4504.5	4329.5	4360.4	4175.0
52.5°	4458.2	4556.0	4767.1	5050.2	5225.2	5338.5	4864.9	4844.3	4684.7	4782.5	4597.2
55°	4525.1	4617.8	4756.8	5153.2	5595.9	5621.6	5307.6	5230.4	5070.8	5204.6	5034.8
57.5°	4556.0	4504.5	4767.1	5266.4	5868.7	5935.7	5729.7	5673.1	5549.6	5678.3	5580.4
60°	4314.0	4375.8	4622.9	5235.5	5884.2	6270.3	6203.4	6121.0	6007.7	6126.1	6069.5
62.5°	4041.2	4082.4	4350.1	5050.2	5971.7	6512.2	6661.5	6599.8	6440.2	6543.1	6640.9
65°	3696.3	3701.4	4000.0	4720.7	5801.8	6651.2	7063.1	7057.9	6944.7	6918.9	7073.4
67.5°	3274.1	3315.3	3552.1	4370.7	5570.2	6805.7	7459.5	7536.7	7310.2	7109.4	7166.0
70°	2512.2	2553.4	2779.9	3583.0	5096.5	6759.3	7948.5	7989.7	7547.0	7037.3	6893.2
72.5°	1307.6	1317.9	1549.6	2162.2	3613.9	6002.6	8128.7	8236.8	7608.8	6826.3	6146.7
75°	432.4	432.4	530.2	823.7	1704.0	3840.4	7361.7	7557.3	7305.0	6301.2	5029.6
77.5°	257.4	262.5	314.0	411.8	679.5	1534.1	5189.2	5534.1	5976.8	5359.1	3675.7
80°	185.3	190.5	236.8	283.1	406.7	494.2	2604.9	3083.7	3670.5	3449.2	1961.4
82.5°	139.0	139.0	185.3	211.1	278.0	293.4	725.9	993.6	1585.6	1235.5	540.5
85°	144.1	144.1	144.1	149.3	190.5	169.9	303.7	324.3	463.3	406.7	149.3
87.5°	51.5	56.6	144.1	97.8	97.8	72.1	118.4	128.7	164.7	169.9	56.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0	1668.0
2.5°	1673.1	1673.1	1678.3	1678.3	1688.5	1698.8	1714.3	1704.0	1704.0	1709.1	1704.0
5°	1668.0	1673.1	1688.5	1714.3	1724.6	1729.7	1760.6	1760.6	1760.6	1770.9	1770.9
7.5°	1688.5	1698.8	1724.6	1750.3	1755.5	1770.9	1812.1	1822.4	1848.1	1858.4	1863.6
10°	1740.0	1755.5	1776.1	1807.0	1827.5	1848.1	1879.0	1915.1	1909.9	1940.8	1946.0
12.5°	1817.2	1812.1	1848.1	1879.0	1899.6	1930.5	1940.8	1940.8	1940.8	1940.8	1951.1
15°	1879.0	1889.3	1920.2	1940.8	1966.5	1961.4	1940.8	1920.2	1925.4	1920.2	1920.2
17.5°	1971.7	1971.7	1997.4	2002.6	2012.9	1961.4	1930.5	1930.5	1946.0	1946.0	1935.7
20°	2064.4	2059.2	2069.5	2064.4	1997.4	1935.7	1930.5	1935.7	1940.8	1935.7	1930.5
22.5°	2151.9	2141.6	2126.1	2105.5	1987.1	1930.5	1920.2	1894.5	1868.7	1868.7	1853.3
25°	2229.1	2218.8	2177.6	2115.8	1982.0	1899.6	1848.1	1786.4	1755.5	1740.0	1760.6
27.5°	2301.2	2280.6	2223.9	2115.8	1935.7	1817.2	1719.4	1642.2	1616.5	1595.9	1616.5
30°	2399.0	2362.9	2285.7	2100.4	1863.6	1688.5	1554.7	1462.0	1436.3	1405.4	1415.7
32.5°	2486.5	2404.1	2337.2	2054.1	1770.9	1544.4	1390.0	1297.3	1251.0	1225.2	1245.8
35°	2579.2	2496.8	2357.8	1982.0	1626.8	1369.4	1214.9	1127.4	1091.4	1055.3	1055.3
37.5°	2671.8	2625.5	2388.7	1848.1	1451.7	1204.6	1065.6	998.7	936.9	870.0	870.0
40°	2867.4	2805.7	2424.7	1693.7	1276.7	1045.0	947.2	859.7	797.9	705.3	700.1
42.5°	3073.4	2939.5	2424.7	1508.4	1122.3	931.8	839.1	746.5	633.2	576.6	581.7
45°	3335.9	3181.5	2357.8	1343.6	967.8	839.1	736.2	617.8	566.3	530.2	530.2
47.5°	3665.4	3423.4	2275.4	1163.5	844.3	756.8	628.1	556.0	519.9	489.1	483.9
50°	4056.6	3644.8	2172.5	1009.0	741.3	679.5	571.4	514.8	483.9	463.3	463.3
52.5°	4468.5	3969.1	2100.4	870.0	658.9	576.6	530.2	494.2	468.5	453.0	447.9
55°	4885.5	4293.4	2048.9	720.7	581.7	530.2	519.9	489.1	478.8	463.3	453.0
57.5°	5353.9	4561.1	2038.6	617.8	519.9	509.7	530.2	504.5	489.1	473.6	458.2
60°	5858.4	4921.5	1946.0	535.4	489.1	499.4	514.8	489.1	478.8	463.3	453.0
62.5°	6357.8	5189.2	1693.7	473.6	458.2	468.5	489.1	468.5	453.0	458.2	463.3
65°	6563.7	5209.8	1312.7	427.3	422.1	427.3	458.2	453.0	437.6	468.5	468.5
67.5°	6357.8	5024.5	926.6	386.1	386.1	411.8	463.3	473.6	458.2	499.4	494.2
70°	5889.3	4566.3	628.1	360.4	370.7	437.6	478.8	468.5	447.9	499.4	489.1
72.5°	4998.7	3655.1	458.2	334.6	350.1	417.0	473.6	463.3	447.9	468.5	447.9
75°	3752.9	2599.7	360.4	303.7	308.9	375.8	489.1	463.3	422.1	411.8	396.4
77.5°	2507.1	1606.2	278.0	267.7	267.7	329.5	468.5	432.4	381.0	365.5	360.4
80°	1194.3	643.5	221.4	226.5	231.7	283.1	427.3	386.1	344.9	324.3	324.3
82.5°	381.0	242.0	185.3	185.3	185.3	231.7	355.2	324.3	298.6	283.1	257.4
85°	133.8	133.8	159.6	164.7	149.3	169.9	293.4	278.0	247.1	205.9	200.8
87.5°	51.5	77.2	108.1	128.7	92.7	118.4	211.1	195.6	180.2	133.8	128.7
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)