

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: McGRAW-EDISON

Report Number: P92755

Luminaire Tested: **LRC-B64-4-LED-E1-WST**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P92755  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22279)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: LRC-B64-4-LED-E1-WST  
Description: LRC CANOPY LUMINAIRE  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8124.9 lumens  
Efficiency: N/A  
Efficacy: 92.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.9' x L: 0.9' x H: 0.1')  
IES Classification: Type V - Short - Full Cutoff  
BUG Rating: B3 - U0 - G0

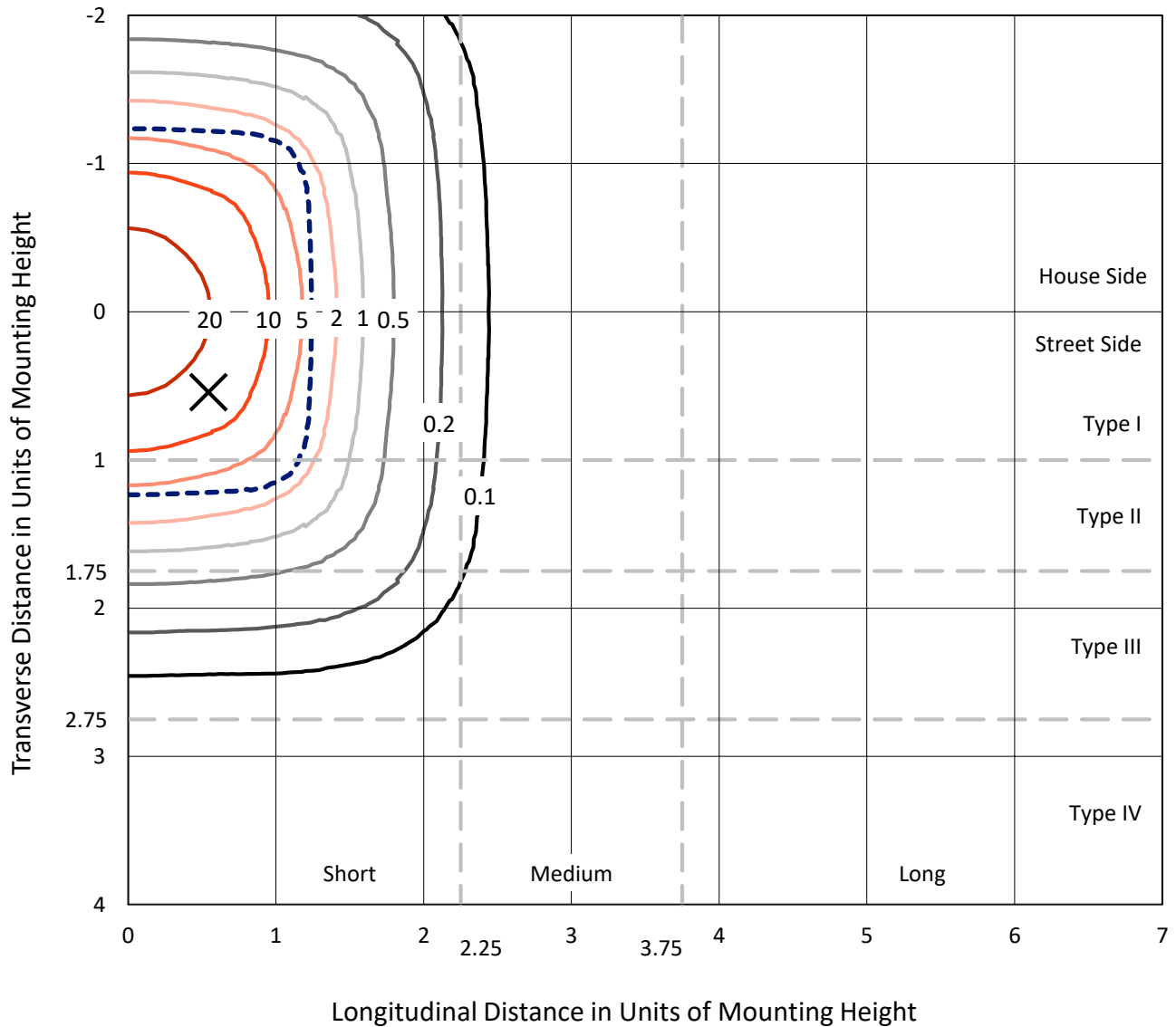
Input Watts (W): 88  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

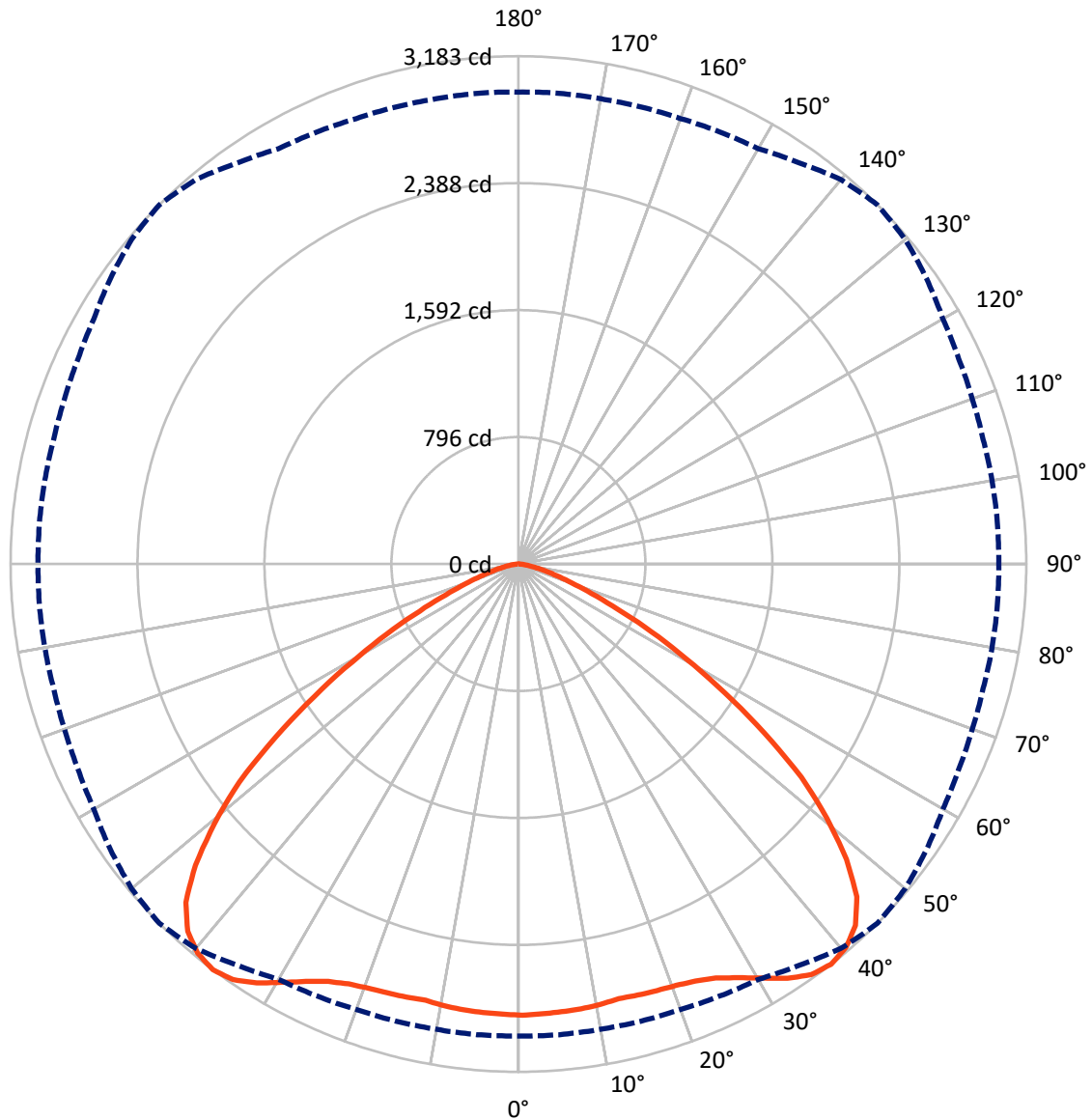


Based on 10 foot mounting height. Maximum calculated value = 28.3 fc  
 Type V - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 37.5-Deg Vertical

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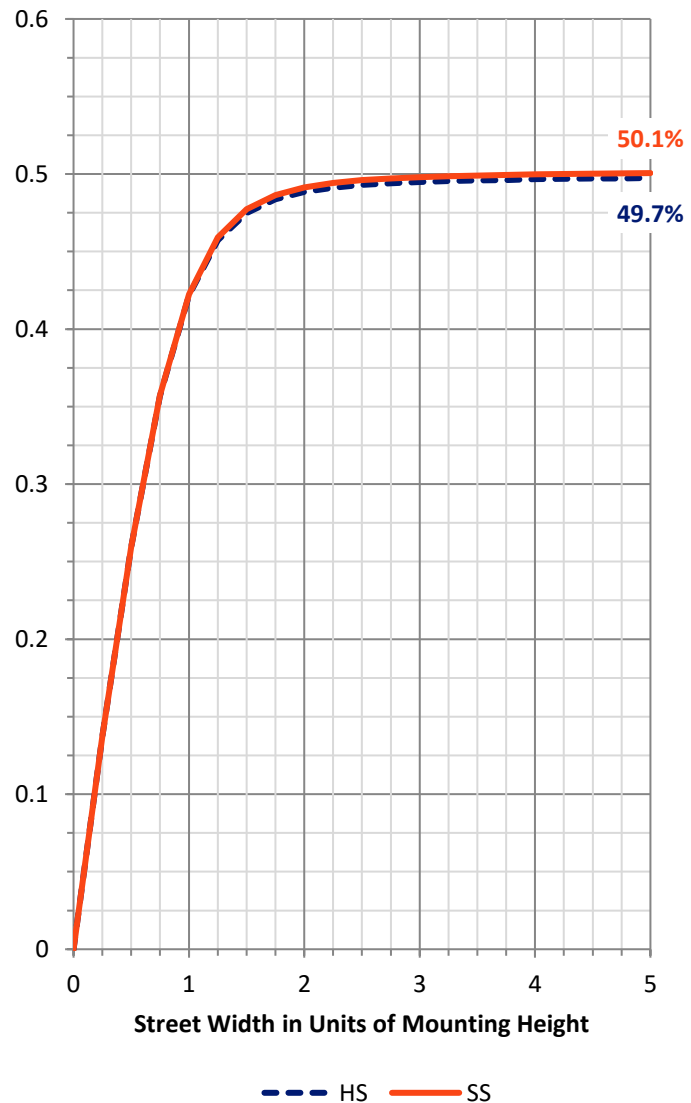
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4062.5	0.0	4062.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4062.5	0.0	4062.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8124.9	0.0	8124.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	268.5	3.3
10°-20°	795.7	9.8
20°-30°	1353.0	16.7
30°-40°	1907.6	23.5
40°-50°	1993.1	24.5
50°-60°	1224.0	15.1
60°-70°	439.1	5.4
70°-80°	124.1	1.5
80°-90°	19.7	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°	8124.9	100.0
0°-180°	8124.9	100.0

**Coefficient of Utilization**



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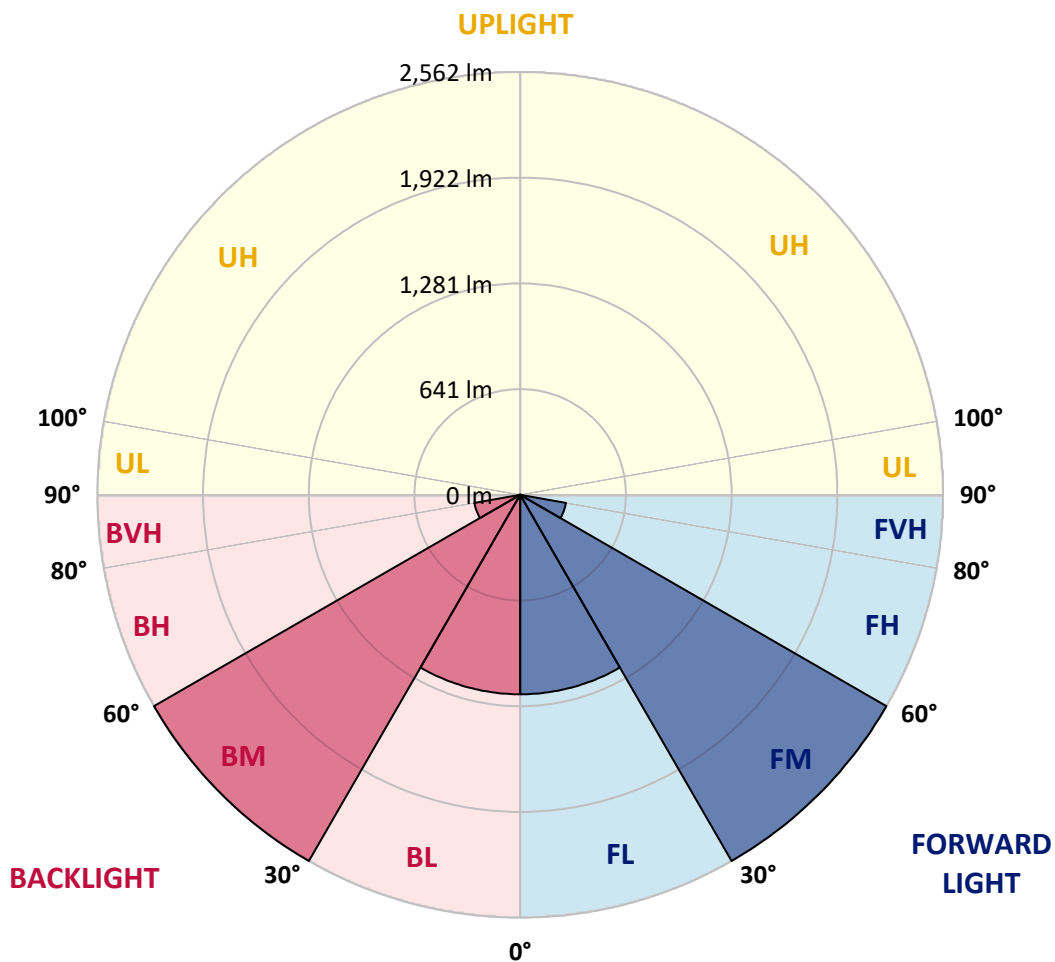
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1208.6	14.9			
FM	(30°-60°)	2562.4	31.5			
FH	(60°-80°)	281.6	3.5			G0/660
FVH	(80°-90°)	9.9	0.1			G0/10
BL	(0°-30°)	1208.6	14.9	B3/2500		
BM	(30°-60°)	2562.4	31.5	B3/5000		
BH	(60°-80°)	281.6	3.5	B1/500		G0/660
BVH	(80°-90°)	9.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G0**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5
2.5°	2828.5	2823.6	2824.5	2821.6	2823.6	2821.6	2822.6	2822.6	2819.7	2822.6	2825.5
5°	2827.5	2821.6	2819.7	2817.7	2820.6	2821.6	2821.6	2820.6	2818.7	2819.7	2818.7
7.5°	2814.8	2809.9	2807.9	2807.9	2809.9	2811.8	2813.8	2814.8	2813.8	2815.7	2810.9
10°	2807.9	2802.1	2800.1	2798.1	2799.1	2797.2	2801.1	2806.9	2804.0	2807.9	2806.0
12.5°	2804.0	2798.1	2796.2	2798.1	2796.2	2797.2	2795.2	2795.2	2793.3	2795.2	2797.2
15°	2809.9	2805.0	2805.0	2804.0	2803.0	2809.9	2803.0	2802.1	2803.0	2804.0	2798.1
17.5°	2822.6	2821.6	2823.6	2821.6	2820.6	2824.5	2815.7	2815.7	2809.9	2810.9	2805.0
20°	2843.1	2839.2	2845.1	2843.1	2842.1	2839.2	2836.3	2826.5	2818.7	2819.7	2814.8
22.5°	2889.1	2886.1	2880.3	2878.3	2872.5	2864.6	2858.8	2850.9	2841.2	2839.2	2839.2
25°	2956.5	2953.6	2946.8	2939.9	2926.2	2910.6	2899.8	2890.0	2872.5	2874.4	2876.4
27.5°	3024.0	3021.1	3018.1	3006.4	2992.7	2982.9	2959.5	2943.8	2929.2	2936.0	2934.0
30°	3050.4	3052.3	3042.6	3043.5	3034.7	3028.9	3015.2	3013.2	3002.5	3012.3	3013.2
32.5°	3059.2	3060.2	3051.4	3049.4	3039.6	3039.6	3045.5	3058.2	3076.8	3096.3	3094.4
35°	3026.9	3030.8	3025.9	3026.9	3022.0	3026.9	3040.6	3074.8	3136.4	3160.9	3148.2
37.5°	2958.5	2961.4	2961.4	2966.3	2971.2	2987.8	3006.4	3069.9	3145.2	3183.4	3164.8
40°	2834.3	2834.3	2837.3	2847.0	2867.6	2898.8	2943.8	3029.9	3110.0	3160.9	3155.0
42.5°	2639.8	2642.7	2655.4	2676.9	2714.1	2759.0	2821.6	2931.1	3023.0	3097.3	3076.8
45°	2387.5	2397.3	2413.9	2444.2	2494.1	2557.6	2643.7	2766.9	2896.9	2974.1	2928.2
47.5°	2080.5	2092.3	2121.6	2164.6	2230.1	2312.2	2418.8	2562.5	2703.3	2766.9	2719.9
50°	1732.5	1742.2	1782.3	1837.1	1917.2	2018.9	2145.0	2304.4	2445.2	2506.8	2455.0
52.5°	1358.0	1370.7	1413.7	1478.3	1572.1	1694.3	1835.1	2005.2	2136.3	2220.3	2176.3
55°	1007.0	1025.6	1062.7	1134.1	1226.0	1350.2	1495.9	1671.8	1798.0	1870.3	1821.4
57.5°	740.1	752.8	784.1	841.8	922.9	1036.4	1182.0	1344.3	1475.3	1527.2	1482.2
60°	540.7	549.5	573.9	617.9	682.4	778.2	904.4	1053.0	1166.4	1207.4	1156.6
62.5°	388.1	395.0	412.6	446.8	498.6	575.9	673.6	792.9	899.5	935.6	866.2
65°	273.8	277.7	290.4	317.7	360.8	420.4	495.7	582.7	661.9	685.4	630.6
67.5°	192.6	194.6	205.3	223.9	257.1	303.1	359.8	421.4	479.1	493.7	456.6
70°	134.9	135.9	143.7	157.4	182.8	217.0	258.1	306.0	343.2	352.9	328.5
72.5°	92.9	93.9	98.7	109.5	128.1	153.5	185.8	217.0	243.4	250.3	236.6
75°	63.5	64.5	67.5	75.3	88.0	106.6	129.1	152.5	168.2	171.1	165.2
77.5°	43.0	44.0	46.0	50.8	58.7	72.3	89.0	102.7	112.4	114.4	112.4
80°	28.4	28.4	29.3	33.2	38.1	46.9	56.7	65.5	72.3	75.3	72.3
82.5°	17.6	17.6	17.6	19.6	22.5	27.4	31.3	38.1	43.0	45.0	43.0
85°	8.8	9.8	9.8	10.8	11.7	13.7	15.6	18.6	20.5	21.5	20.5
87.5°	3.9	3.9	3.9	3.9	4.9	4.9	5.9	5.9	6.8	6.8	6.8
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):**

	55°	60°	65°	70°	75°	80°	85°	90°
0°	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5	2828.5
2.5°	2824.5	2824.5	2826.5	2823.6	2823.6	2820.6	2826.5	2825.5
5°	2819.7	2818.7	2818.7	2817.7	2816.7	2814.8	2818.7	2816.7
7.5°	2811.8	2812.8	2811.8	2810.9	2809.9	2806.9	2810.9	2810.9
10°	2803.0	2798.1	2794.2	2797.2	2797.2	2797.2	2796.2	2795.2
12.5°	2797.2	2794.2	2790.3	2792.3	2788.4	2787.4	2790.3	2787.4
15°	2797.2	2792.3	2791.3	2789.3	2790.3	2794.2	2799.1	2793.3
17.5°	2803.0	2802.1	2806.0	2807.9	2807.9	2809.9	2814.8	2813.8
20°	2816.7	2814.8	2816.7	2820.6	2826.5	2825.5	2831.4	2833.3
22.5°	2842.1	2837.3	2839.2	2854.9	2863.7	2865.6	2873.4	2875.4
25°	2884.2	2886.1	2893.0	2911.6	2921.3	2931.1	2939.9	2942.8
27.5°	2942.8	2945.8	2955.6	2968.3	2981.0	2985.9	2991.7	2995.6
30°	3014.2	3012.3	3011.3	3004.4	3013.2	3014.2	3023.0	3027.9
32.5°	3074.8	3047.5	3031.8	3020.1	3028.9	3041.6	3045.5	3049.4
35°	3102.2	3065.1	3047.5	3049.4	3053.3	3056.3	3057.2	3067.0
37.5°	3121.8	3072.9	3045.5	3027.9	3016.2	3014.2	3013.2	3011.3
40°	3095.4	3026.9	2972.2	2939.9	2924.3	2911.6	2904.7	2902.8
42.5°	2995.6	2898.8	2841.2	2805.0	2775.7	2750.2	2738.5	2736.6
45°	2828.5	2734.6	2670.1	2606.5	2552.7	2519.5	2498.0	2488.2
47.5°	2612.4	2520.5	2420.8	2327.9	2254.6	2198.8	2167.5	2150.9
50°	2360.1	2233.0	2102.0	1985.7	1894.8	1828.3	1792.1	1773.5
52.5°	2057.1	1900.6	1738.3	1607.3	1496.8	1414.7	1367.8	1355.1
55°	1708.0	1534.0	1350.2	1202.6	1086.2	1007.0	961.1	947.4
57.5°	1337.5	1155.6	986.5	853.5	760.6	703.0	672.7	659.0
60°	1005.1	841.8	708.8	610.1	545.6	506.4	484.0	477.1
62.5°	741.1	613.0	513.3	445.8	396.9	368.6	352.0	345.1
65°	540.7	447.8	374.5	325.6	291.4	268.9	257.1	251.3
67.5°	391.1	328.5	275.7	239.5	213.1	196.5	188.7	184.8
70°	289.4	241.5	202.4	175.0	156.4	143.7	137.9	135.9
72.5°	209.2	176.0	148.6	128.1	114.4	105.6	100.7	100.7
75°	148.6	128.1	106.6	91.9	81.1	75.3	72.3	72.3
77.5°	102.7	89.9	75.3	64.5	56.7	52.8	50.8	49.9
80°	65.5	58.7	49.9	43.0	38.1	35.2	34.2	33.2
82.5°	38.1	33.2	29.3	25.4	22.5	21.5	20.5	20.5
85°	18.6	16.6	14.7	13.7	11.7	11.7	10.8	10.8
87.5°	6.8	5.9	4.9	4.9	4.9	4.9	4.9	4.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)