

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: P600771

Luminaire Tested: **ASWPLED2S-75W-5000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600771
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-75W-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: 9969.7 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Luminous Opening: Rectangular (W 0.79' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

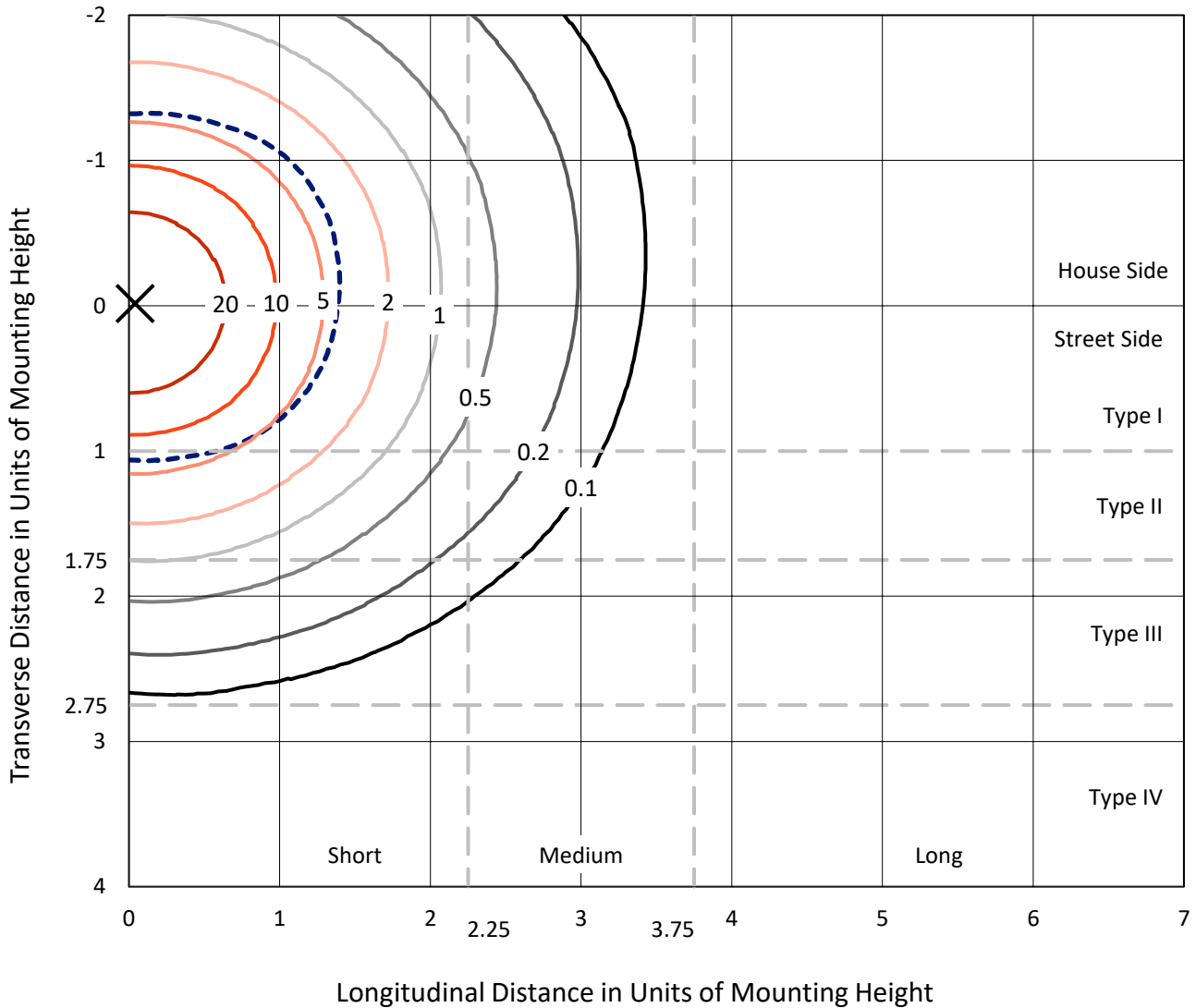
Input Watts (W): 74.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

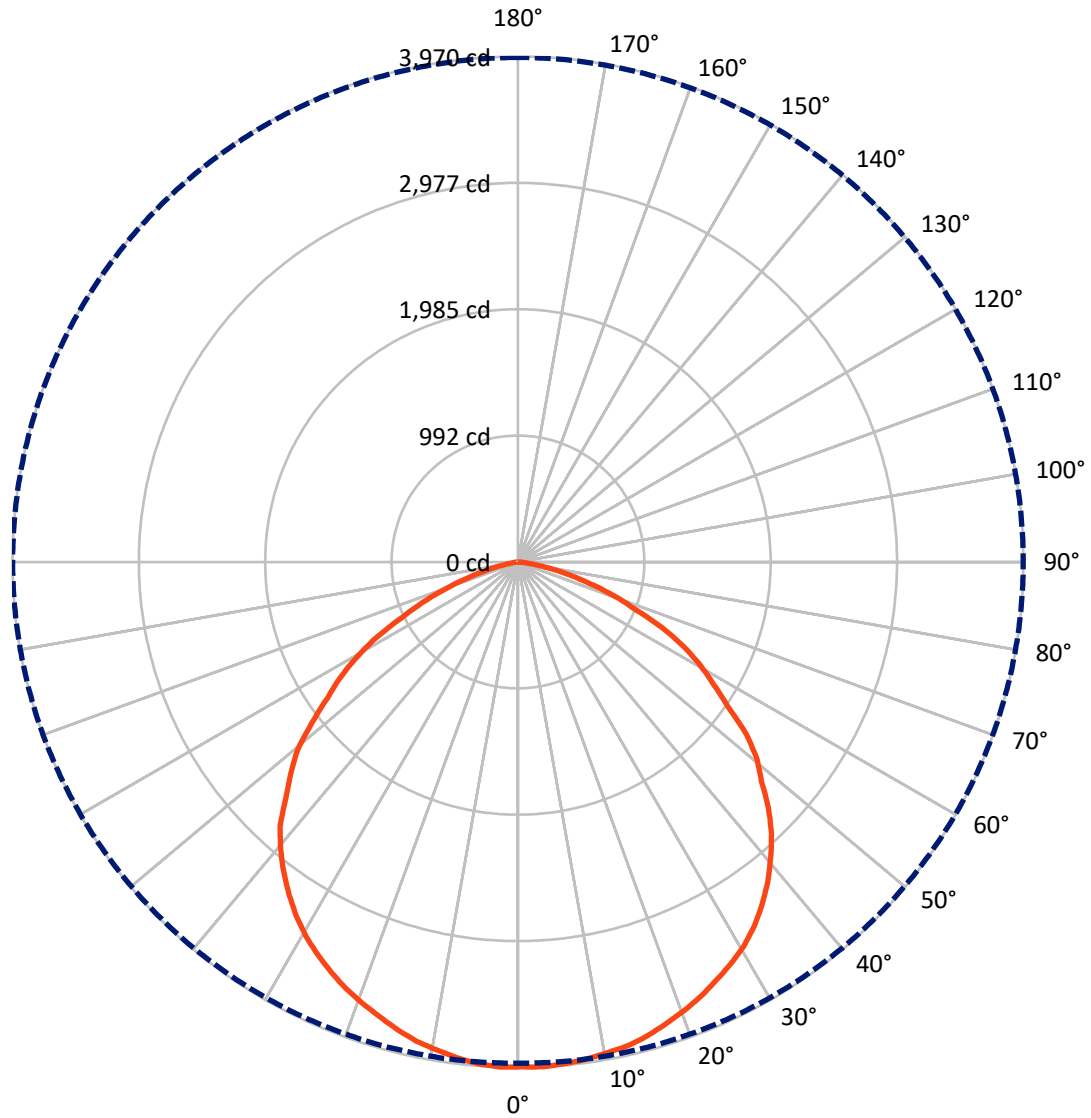
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 39.7 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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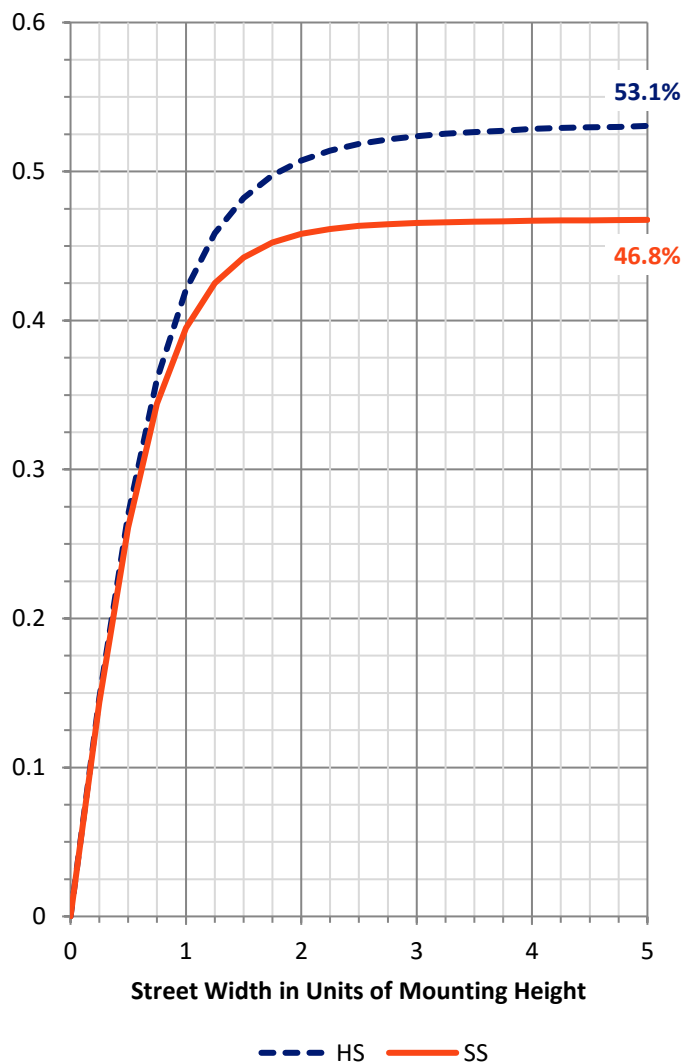
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5321.0	0.0	5321.0
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	4648.7	0.0	4648.7
	% Fixture	46.6	0.0	46.6
Total	Lumens	9969.7	0.0	9969.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	374.7	3.8
10°-20°	1072.5	10.8
20°-30°	1639.2	16.4
30°-40°	1989.1	20.0
40°-50°	1979.2	19.9
50°-60°	1594.8	16.0
60°-70°	957.5	9.6
70°-80°	323.5	3.2
80°-90°	39.2	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°	9969.7	100.0
0°-180°	9969.7	100.0

Coefficient of Utilization



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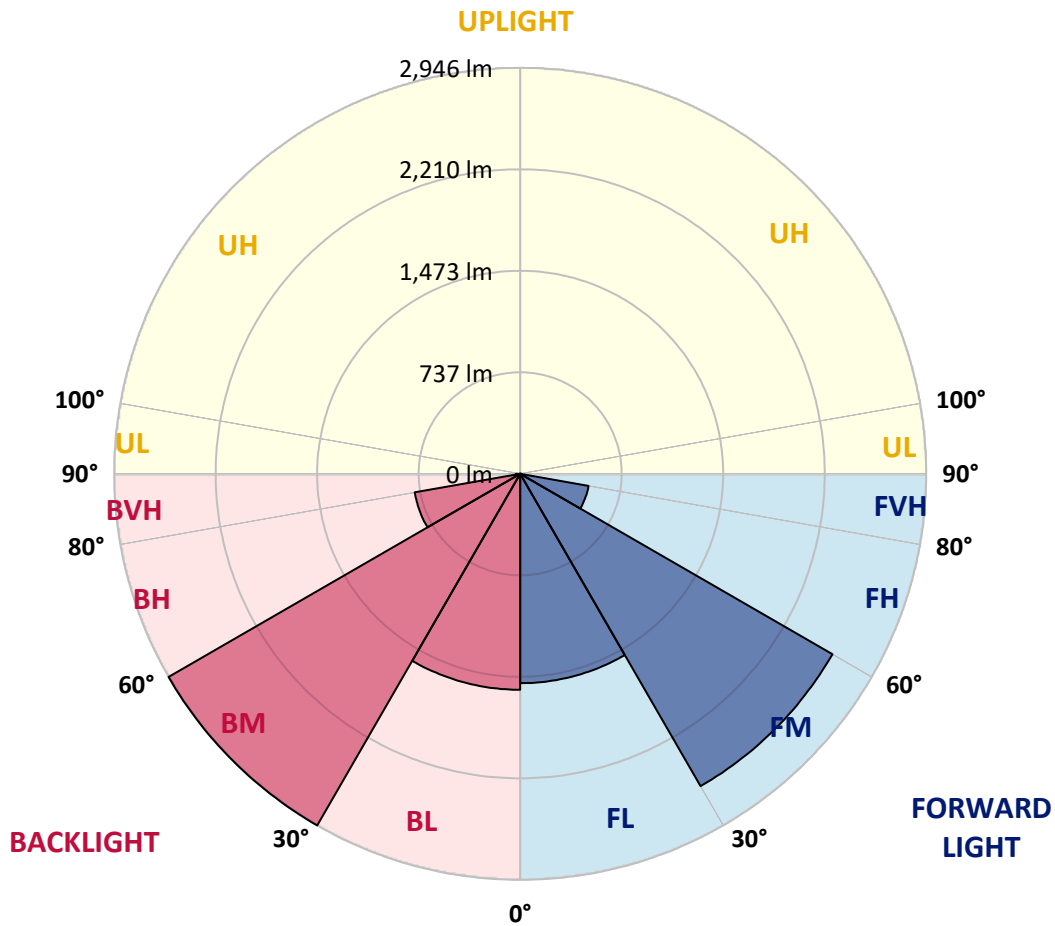
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1519.2	15.2			
FM (30°-60°)	2617.0	26.2			
FH (60°-80°)	503.8	5.1			G0/660
FVH (80°-90°)	8.7	0.1			G0/10
BL (0°-30°)	1567.1	15.7	B3/2500		
BM (30°-60°)	2946.1	29.6	B3/5000		
BH (60°-80°)	777.2	7.8	B2/1000		G1/1800
BVH (80°-90°)	30.5	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2
2.5°	3936.3	3941.6	3946.9	3953.0	3959.3	3963.7	3966.4	3968.4	3968.2	3968.1	3968.8
5°	3906.1	3911.2	3916.3	3924.5	3933.6	3941.3	3947.5	3952.9	3955.6	3958.3	3957.7
7.5°	3856.7	3861.4	3866.2	3876.7	3889.1	3901.1	3912.6	3923.0	3930.0	3936.9	3938.7
10°	3800.7	3804.7	3808.7	3821.1	3836.2	3852.2	3869.1	3884.2	3894.0	3903.8	3909.6
12.5°	3751.7	3755.1	3758.5	3770.3	3784.7	3803.2	3825.8	3845.8	3858.2	3870.7	3882.4
15°	3690.4	3695.5	3700.5	3715.8	3734.5	3753.5	3772.9	3791.4	3807.1	3822.8	3838.3
17.5°	3629.3	3632.8	3636.3	3652.7	3673.4	3692.7	3710.6	3730.0	3753.8	3777.6	3790.9
20°	3565.5	3569.9	3574.2	3591.2	3612.5	3632.2	3650.4	3671.8	3702.8	3733.7	3743.8
22.5°	3493.2	3500.0	3506.8	3522.9	3542.2	3563.2	3585.9	3610.9	3643.1	3675.3	3686.9
25°	3415.7	3422.7	3429.7	3444.7	3462.3	3484.0	3509.7	3537.6	3572.0	3606.4	3619.3
27.5°	3326.9	3337.7	3348.5	3364.8	3383.0	3405.4	3432.1	3461.4	3498.9	3536.5	3552.5
30°	3237.2	3249.1	3261.0	3278.5	3297.8	3321.0	3348.1	3378.5	3419.1	3459.7	3479.3
32.5°	3108.3	3131.3	3154.4	3177.7	3201.1	3225.9	3252.0	3281.8	3322.7	3363.6	3385.8
35°	2873.4	2932.9	2992.4	3039.0	3081.3	3115.3	3141.0	3171.1	3214.3	3257.5	3280.3
37.5°	2700.5	2732.0	2763.4	2844.1	2941.2	3001.5	3025.1	3054.1	3099.9	3145.7	3165.7
40°	2548.6	2571.4	2594.2	2686.2	2801.3	2871.5	2896.9	2928.1	2976.8	3025.6	3040.5
42.5°	2291.8	2359.9	2428.0	2525.9	2633.6	2708.6	2751.0	2790.7	2822.6	2854.4	2887.3
45°	2127.6	2158.0	2188.4	2281.3	2395.0	2482.3	2543.4	2598.8	2637.4	2676.0	2717.2
47.5°	1905.7	1963.1	2020.5	2111.6	2214.0	2301.2	2373.3	2440.1	2490.7	2541.3	2557.8
50°	1706.9	1757.3	1807.6	1913.8	2038.6	2138.1	2212.2	2279.0	2323.6	2368.2	2399.9
52.5°	1482.1	1538.6	1595.2	1687.9	1792.7	1889.9	1979.7	2054.1	2082.1	2110.2	2178.5
55°	1289.8	1327.0	1364.2	1457.8	1570.2	1670.2	1757.8	1834.6	1879.2	1923.8	1960.4
57.5°	1053.6	1108.9	1164.3	1249.0	1343.6	1448.9	1564.9	1661.8	1701.4	1741.0	1776.2
60°	842.9	895.8	948.8	1025.9	1111.2	1220.5	1353.8	1464.9	1509.4	1553.8	1599.3
62.5°	667.8	709.6	751.4	825.4	910.2	1016.1	1143.0	1252.0	1307.2	1362.4	1410.0
65°	493.1	532.3	571.5	642.6	724.4	814.7	913.6	1002.9	1063.4	1123.8	1183.8
67.5°	336.4	368.4	400.4	462.8	535.2	622.1	723.5	813.4	869.0	924.6	956.9
70°	195.8	223.6	251.4	302.9	362.2	438.7	532.4	616.6	672.8	729.0	767.9
72.5°	144.0	148.7	153.3	188.9	234.8	294.5	368.1	434.9	481.2	527.5	569.1
75°	96.5	102.5	108.4	122.6	139.5	175.7	231.2	282.0	318.2	354.4	396.1
77.5°	56.6	61.4	66.2	73.6	81.7	102.0	134.5	165.3	191.4	217.5	255.6
80°	27.1	30.8	34.6	40.3	46.8	55.6	66.8	79.0	94.3	109.5	138.7
82.5°	9.0	10.7	12.5	16.0	20.1	24.5	29.3	34.6	41.1	47.6	65.1
85°	2.3	2.9	3.5	4.5	5.6	7.8	11.2	14.1	15.6	17.1	25.5
87.5°	1.9	1.8	1.6	1.9	2.2	2.6	3.2	3.9	5.2	6.5	11.3
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°	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2	3965.2
2.5°	3969.6	3968.3	3966.4	3964.6	3962.9	3961.8	3962.0	3962.2
5°	3957.1	3958.6	3960.8	3962.5	3963.6	3964.7	3965.6	3966.5
7.5°	3940.5	3944.3	3948.7	3950.3	3949.2	3947.9	3946.1	3944.3
10°	3915.4	3919.4	3922.8	3922.6	3918.7	3915.6	3914.9	3914.1
12.5°	3894.2	3894.9	3891.8	3890.5	3891.1	3891.1	3889.7	3888.3
15°	3853.8	3857.4	3857.1	3857.1	3857.4	3856.5	3851.6	3846.7
17.5°	3804.3	3811.4	3816.3	3814.7	3806.6	3798.7	3791.7	3784.7
20°	3753.9	3762.6	3770.8	3766.2	3748.9	3733.9	3726.0	3718.0
22.5°	3698.5	3704.2	3707.8	3701.5	3685.3	3671.4	3664.6	3657.8
25°	3632.2	3633.0	3629.9	3624.6	3617.2	3609.2	3599.7	3590.1
27.5°	3568.5	3564.8	3554.7	3549.0	3547.7	3544.2	3534.2	3524.2
30°	3498.9	3494.5	3482.1	3475.2	3473.9	3471.5	3465.7	3460.0
32.5°	3408.0	3404.3	3392.0	3388.9	3395.1	3397.4	3388.3	3379.3
35°	3303.2	3303.4	3296.1	3296.4	3304.2	3307.6	3297.9	3288.2
37.5°	3185.7	3191.8	3193.3	3195.3	3197.8	3189.1	3146.3	3103.5
40°	3055.5	3066.1	3075.2	3063.2	3029.9	2992.0	2939.9	2887.8
42.5°	2920.1	2939.4	2954.0	2923.3	2847.1	2786.9	2775.1	2763.2
45°	2758.4	2789.9	2818.2	2795.4	2721.5	2658.5	2627.9	2597.3
47.5°	2574.2	2601.7	2632.9	2615.1	2548.3	2483.6	2425.1	2366.7
50°	2431.7	2433.8	2426.1	2388.0	2319.5	2264.0	2247.5	2231.1
52.5°	2246.8	2258.9	2252.2	2219.0	2159.3	2102.4	2053.4	2004.4
55°	1997.0	2024.2	2048.4	2019.6	1937.9	1868.3	1835.0	1801.7
57.5°	1811.4	1815.8	1809.9	1779.7	1725.3	1675.2	1637.8	1600.5
60°	1644.7	1647.0	1634.9	1596.6	1532.1	1475.8	1443.6	1411.4
62.5°	1457.6	1437.7	1395.2	1356.3	1321.1	1283.9	1241.0	1198.1
65°	1243.9	1227.3	1185.2	1142.8	1100.0	1061.7	1037.1	1012.5
67.5°	989.2	982.2	962.1	935.6	902.7	870.8	841.4	812.1
70°	806.9	803.6	786.3	756.7	714.8	677.5	654.1	630.7
72.5°	610.7	610.1	595.5	571.2	537.3	505.3	479.2	453.1
75°	437.9	433.1	412.9	391.2	368.1	345.2	323.3	301.4
77.5°	293.7	291.8	276.5	256.2	230.9	208.6	195.5	182.4
80°	168.0	167.9	158.1	150.0	143.5	138.4	137.8	137.1
82.5°	82.5	86.8	86.6	88.6	92.7	95.5	94.3	93.1
85°	33.9	41.5	48.8	53.5	55.6	56.7	54.8	52.9
87.5°	16.1	19.7	23.0	25.0	25.9	26.4	26.0	25.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)