

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: P600769

Luminaire Tested: **ASWPLED2S-75W-3000K**

Issue Date: 7/7/2022

Test Information

Test Method: LM-79-08
Report Number: P600769
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-3000K
Description: SLIM WALL PACK, WATTAGE AND CCT SELECTABLE
Light Source: (312) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9642.4 lumens
Efficiency: N/A
Efficacy: 129.6 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

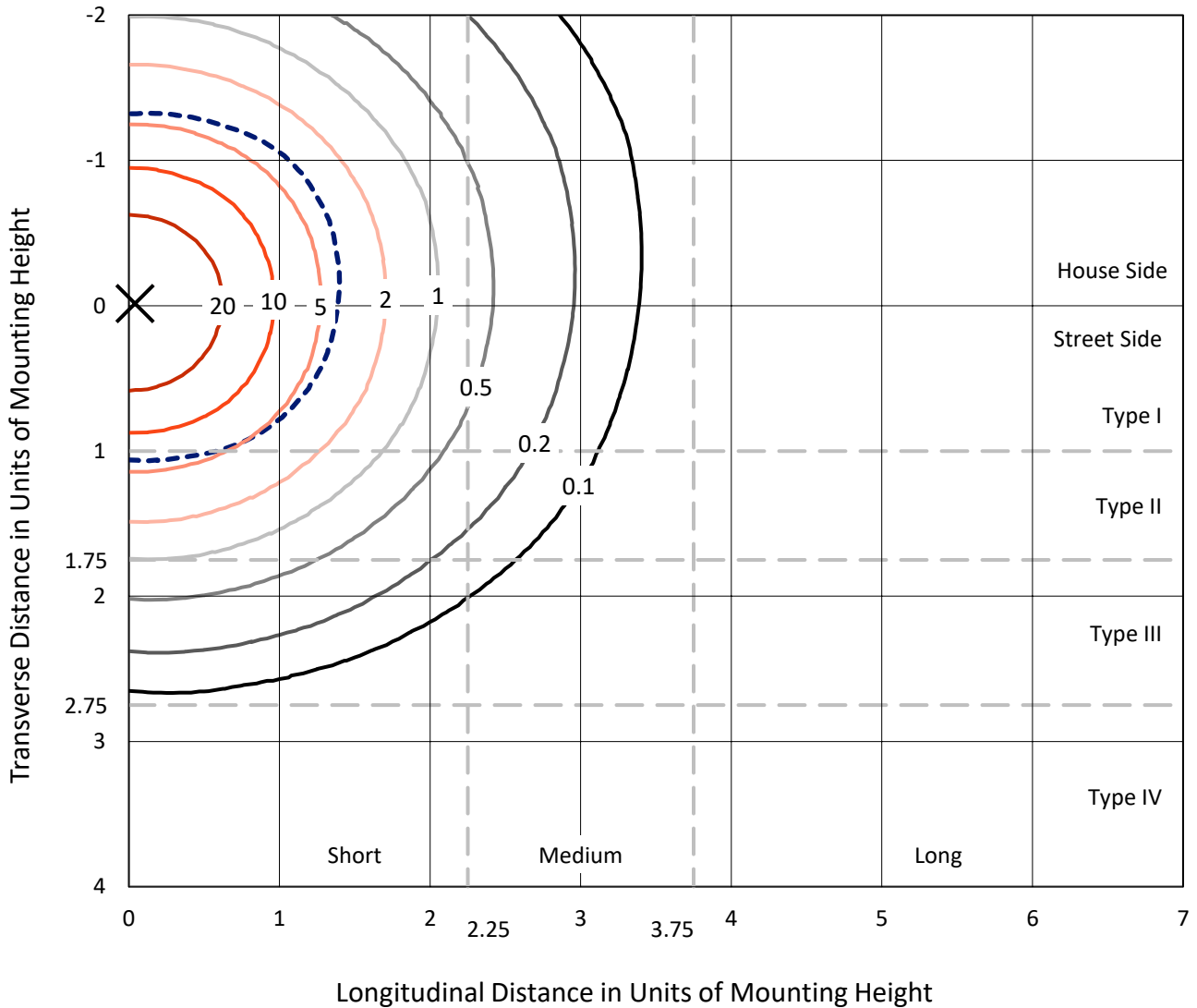
Input Watts (W): 74.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

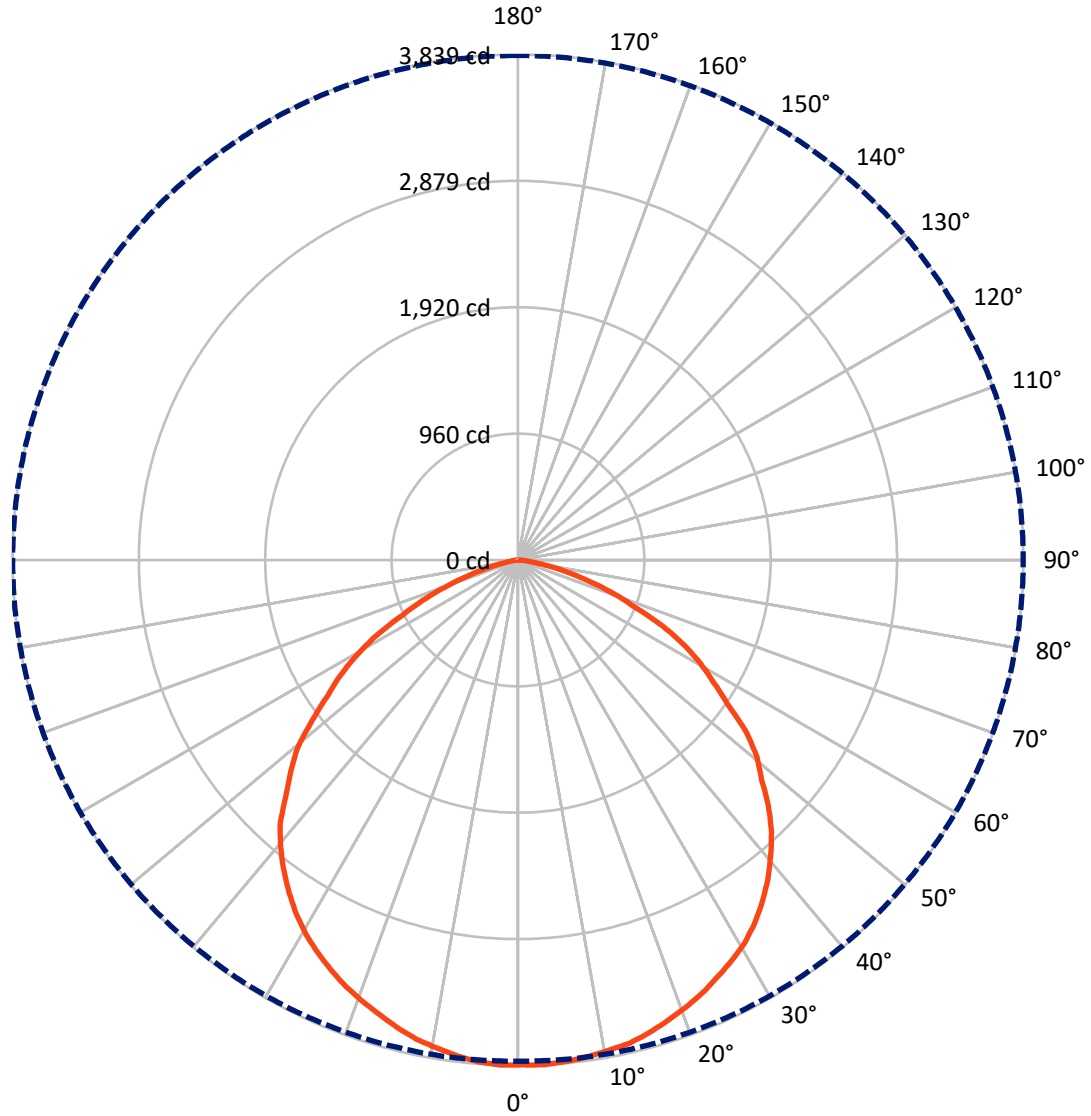
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 38.4 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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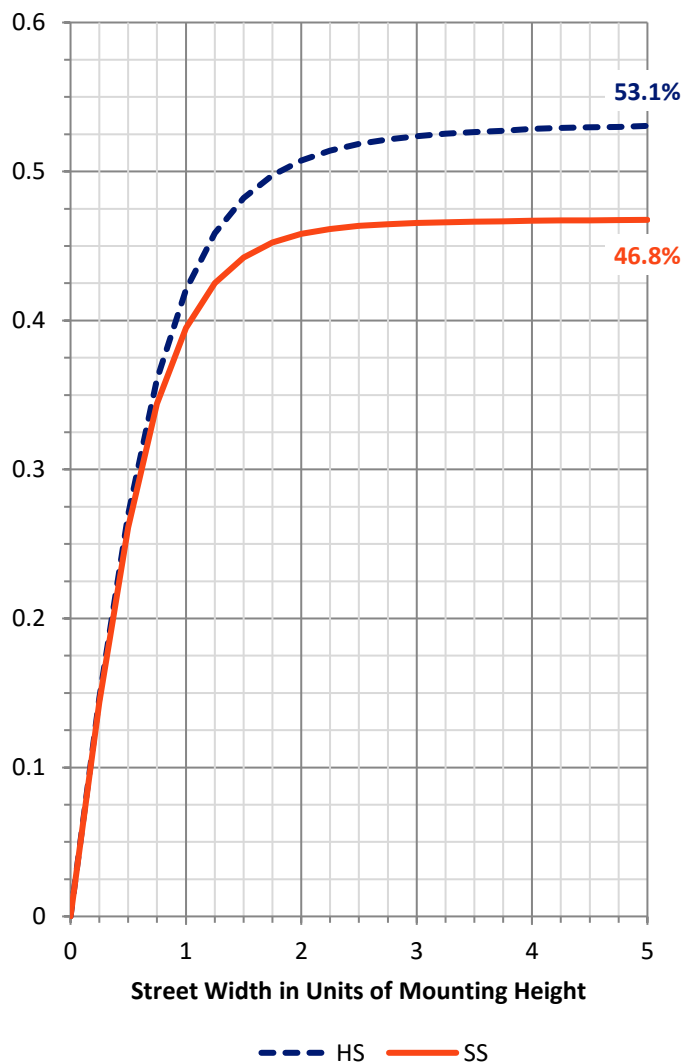
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5146.3	0.0	5146.3
	% Fixture	53.4	0.0	53.4
Street Side	Lumens	4496.1	0.0	4496.1
	% Fixture	46.6	0.0	46.6
Total	Lumens	9642.4	0.0	9642.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	362.4	3.8
10°-20°	1037.3	10.8
20°-30°	1585.4	16.4
30°-40°	1923.8	20.0
40°-50°	1914.3	19.9
50°-60°	1542.4	16.0
60°-70°	926.0	9.6
70°-80°	312.9	3.2
80°-90°	37.9	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°	9642.4	100.0
0°-180°	9642.4	100.0

Coefficient of Utilization



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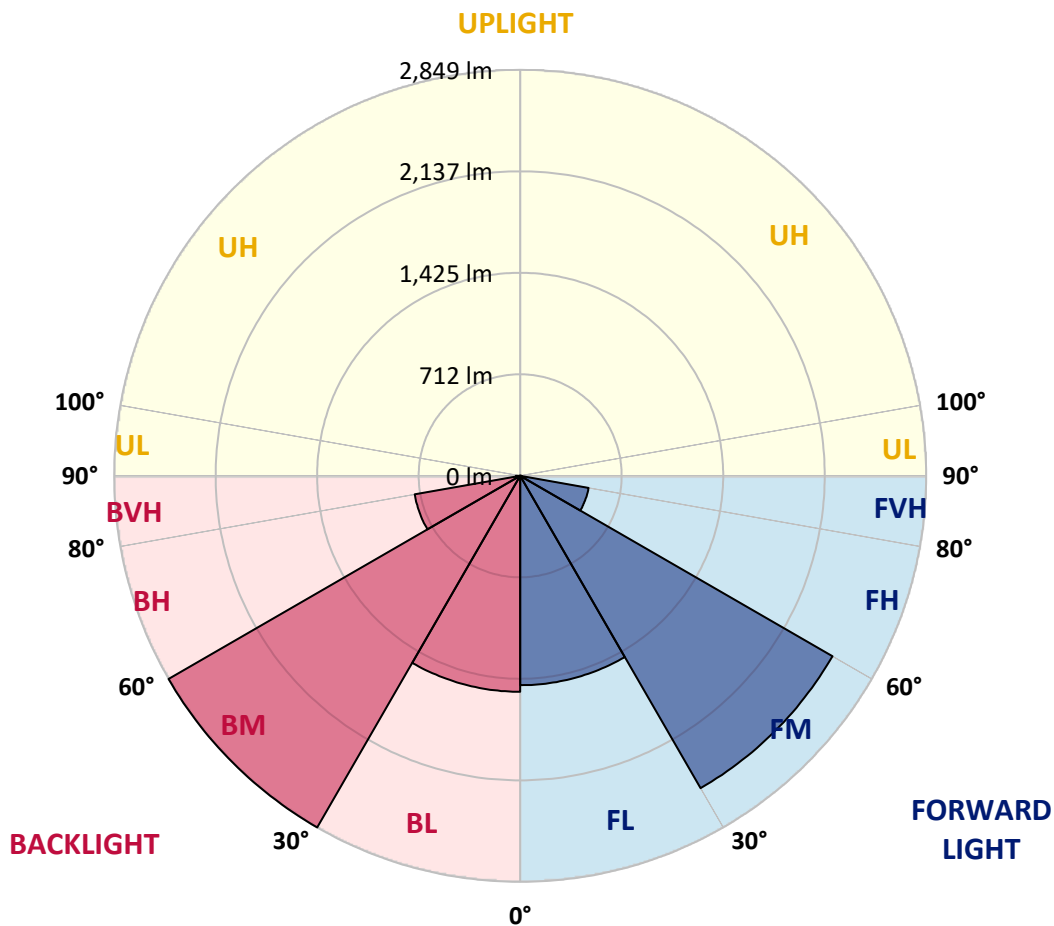
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1469.4	15.2			
FM (30°-60°)	2531.1	26.2			
FH (60°-80°)	487.3	5.1			G0/660
FVH (80°-90°)	8.4	0.1			G0/10
BL (0°-30°)	1515.7	15.7	B3/2500		
BM (30°-60°)	2849.4	29.6	B3/5000		
BH (60°-80°)	751.7	7.8	B2/1000		G1/1800
BVH (80°-90°)	29.5	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°	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0
2.5°	3807.0	3812.2	3817.4	3823.2	3829.3	3833.6	3836.2	3838.1	3837.9	3837.8	3838.5
5°	3777.8	3782.8	3787.8	3795.6	3804.5	3811.9	3817.9	3823.1	3825.7	3828.3	3827.7
7.5°	3730.0	3734.6	3739.2	3749.4	3761.4	3773.0	3784.2	3794.2	3800.9	3807.6	3809.4
10°	3675.9	3679.8	3683.6	3695.6	3710.3	3725.7	3742.0	3756.6	3766.1	3775.6	3781.2
12.5°	3628.6	3631.9	3635.2	3646.5	3660.5	3678.3	3700.1	3719.5	3731.5	3743.5	3754.9
15°	3569.3	3574.2	3579.1	3593.8	3611.9	3630.3	3649.1	3667.0	3682.1	3697.3	3712.3
17.5°	3510.2	3513.6	3517.0	3532.8	3552.8	3571.5	3588.8	3607.6	3630.6	3653.6	3666.5
20°	3448.5	3452.7	3456.9	3473.4	3493.9	3513.0	3530.6	3551.3	3581.2	3611.2	3620.9
22.5°	3378.6	3385.1	3391.7	3407.3	3425.9	3446.2	3468.2	3492.4	3523.5	3554.7	3565.9
25°	3303.6	3310.4	3317.2	3331.7	3348.7	3369.6	3394.5	3421.5	3454.8	3488.0	3500.5
27.5°	3217.7	3228.1	3238.5	3254.3	3271.9	3293.6	3319.4	3347.8	3384.1	3420.4	3435.8
30°	3130.9	3142.4	3153.9	3170.8	3189.5	3212.0	3238.2	3267.6	3306.9	3346.1	3365.1
32.5°	3006.2	3028.5	3050.8	3073.3	3096.0	3119.9	3145.2	3174.0	3213.6	3253.2	3274.6
35°	2779.1	2836.6	2894.1	2939.2	2980.1	3012.9	3037.8	3066.9	3108.7	3150.5	3172.6
37.5°	2611.9	2642.3	2672.7	2750.8	2844.6	2902.9	2925.7	2953.9	2998.1	3042.4	3061.7
40°	2464.9	2487.0	2509.1	2598.1	2709.4	2777.3	2801.8	2832.0	2879.1	2926.2	2940.6
42.5°	2216.5	2282.4	2348.3	2443.0	2547.2	2619.7	2660.7	2699.1	2729.9	2760.7	2792.5
45°	2057.7	2087.1	2116.5	2206.4	2316.3	2400.8	2459.9	2513.5	2550.9	2588.2	2628.0
47.5°	1843.2	1898.7	1954.2	2042.3	2141.3	2225.6	2295.4	2359.9	2408.9	2457.9	2473.8
50°	1650.9	1699.6	1748.3	1851.0	1971.7	2067.9	2139.6	2204.1	2247.2	2290.4	2321.1
52.5°	1433.4	1488.1	1542.8	1632.5	1733.8	1827.9	1914.8	1986.7	2013.8	2041.0	2107.0
55°	1247.4	1283.4	1319.4	1409.9	1518.6	1615.4	1700.1	1774.5	1817.6	1860.7	1896.1
57.5°	1019.0	1072.6	1126.1	1208.0	1299.5	1401.3	1513.5	1607.2	1645.6	1683.9	1717.9
60°	815.2	866.4	917.6	992.3	1074.8	1180.4	1309.3	1416.8	1459.8	1502.8	1546.8
62.5°	645.8	686.2	726.7	798.3	880.3	982.7	1105.5	1210.9	1264.3	1317.7	1363.7
65°	476.9	514.8	552.7	621.5	700.6	788.0	883.7	970.0	1028.5	1086.9	1145.0
67.5°	325.4	356.4	387.3	447.6	517.6	601.6	699.7	786.7	840.5	894.2	925.5
70°	189.4	216.3	243.2	293.0	350.4	424.4	514.9	596.4	650.7	705.1	742.7
72.5°	139.3	143.8	148.3	182.7	227.1	284.9	356.1	420.6	465.4	510.2	550.4
75°	93.3	99.1	104.9	118.6	134.9	170.0	223.7	272.8	307.8	342.8	383.1
77.5°	54.8	59.4	64.1	71.2	79.1	98.7	130.1	159.9	185.1	210.4	247.2
80°	26.2	29.8	33.4	39.0	45.3	53.8	64.6	76.4	91.1	105.9	134.2
82.5°	8.7	10.4	12.1	15.5	19.4	23.7	28.4	33.4	39.7	46.1	62.9
85°	2.2	2.8	3.4	4.4	5.4	7.5	10.8	13.7	15.1	16.5	24.6
87.5°	1.8	1.7	1.6	1.8	2.1	2.5	3.1	3.8	5.0	6.3	10.9
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°	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0	3835.0
2.5°	3839.2	3838.0	3836.1	3834.4	3832.8	3831.7	3831.9	3832.1
5°	3827.1	3828.6	3830.7	3832.4	3833.5	3834.5	3835.4	3836.3
7.5°	3811.1	3814.7	3819.0	3820.6	3819.5	3818.3	3816.5	3814.8
10°	3786.9	3790.7	3794.0	3793.7	3790.0	3787.0	3786.3	3785.6
12.5°	3766.3	3767.0	3764.0	3762.8	3763.3	3763.3	3762.0	3760.6
15°	3727.3	3730.7	3730.4	3730.4	3730.7	3729.8	3725.1	3720.4
17.5°	3679.4	3686.2	3691.0	3689.4	3681.6	3674.0	3667.3	3660.5
20°	3630.7	3639.1	3647.0	3642.6	3625.9	3611.4	3603.7	3596.0
22.5°	3577.2	3582.6	3586.1	3580.0	3564.3	3550.9	3544.3	3537.8
25°	3513.0	3513.8	3510.7	3505.6	3498.5	3490.8	3481.5	3472.3
27.5°	3451.3	3447.8	3438.0	3432.5	3431.2	3427.9	3418.2	3408.6
30°	3384.1	3379.8	3367.8	3361.2	3359.9	3357.5	3352.0	3346.4
32.5°	3296.1	3292.5	3280.6	3277.7	3283.6	3285.9	3277.1	3268.4
35°	3194.8	3195.0	3187.9	3188.2	3195.7	3199.0	3189.6	3180.2
37.5°	3081.1	3087.0	3088.4	3090.3	3092.8	3084.4	3043.0	3001.6
40°	2955.1	2965.4	2974.3	2962.6	2930.4	2893.7	2843.4	2793.0
42.5°	2824.3	2842.9	2857.0	2827.3	2753.6	2695.4	2684.0	2672.6
45°	2667.8	2698.4	2725.8	2703.7	2632.2	2571.2	2541.6	2512.0
47.5°	2489.7	2516.3	2546.5	2529.3	2464.7	2402.1	2345.5	2289.0
50°	2351.8	2353.9	2346.4	2309.6	2243.3	2189.6	2173.7	2157.8
52.5°	2173.0	2184.7	2178.2	2146.1	2088.5	2033.4	1986.0	1938.7
55°	1931.5	1957.8	1981.2	1953.4	1874.3	1807.0	1774.8	1742.6
57.5°	1752.0	1756.2	1750.5	1721.3	1668.7	1620.2	1584.1	1547.9
60°	1590.7	1592.9	1581.2	1544.1	1481.8	1427.3	1396.2	1365.0
62.5°	1409.7	1390.4	1349.3	1311.8	1277.7	1241.7	1200.3	1158.8
65°	1203.1	1187.1	1146.4	1105.3	1063.9	1026.9	1003.1	979.3
67.5°	956.7	950.0	930.5	904.9	873.1	842.2	813.8	785.4
70°	780.4	777.3	760.6	731.9	691.3	655.2	632.6	610.0
72.5°	590.6	590.1	575.9	552.4	519.6	488.7	463.4	438.2
75°	423.4	418.9	399.4	378.4	356.0	333.9	312.7	291.5
77.5°	284.1	282.3	267.5	247.9	223.3	201.7	189.1	176.4
80°	162.5	162.5	153.0	145.1	138.8	133.9	133.3	132.6
82.5°	79.8	83.9	83.7	85.7	89.7	92.4	91.2	90.1
85°	32.8	40.1	47.2	51.8	53.8	54.8	53.0	51.2
87.5°	15.5	19.1	22.2	24.2	25.1	25.6	25.2	24.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)