

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P629128

Luminaire Tested: GWS-SA1B-722-U-SL3-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P629128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-31)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1B-722-U-SL3-W
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2586.7 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 25
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

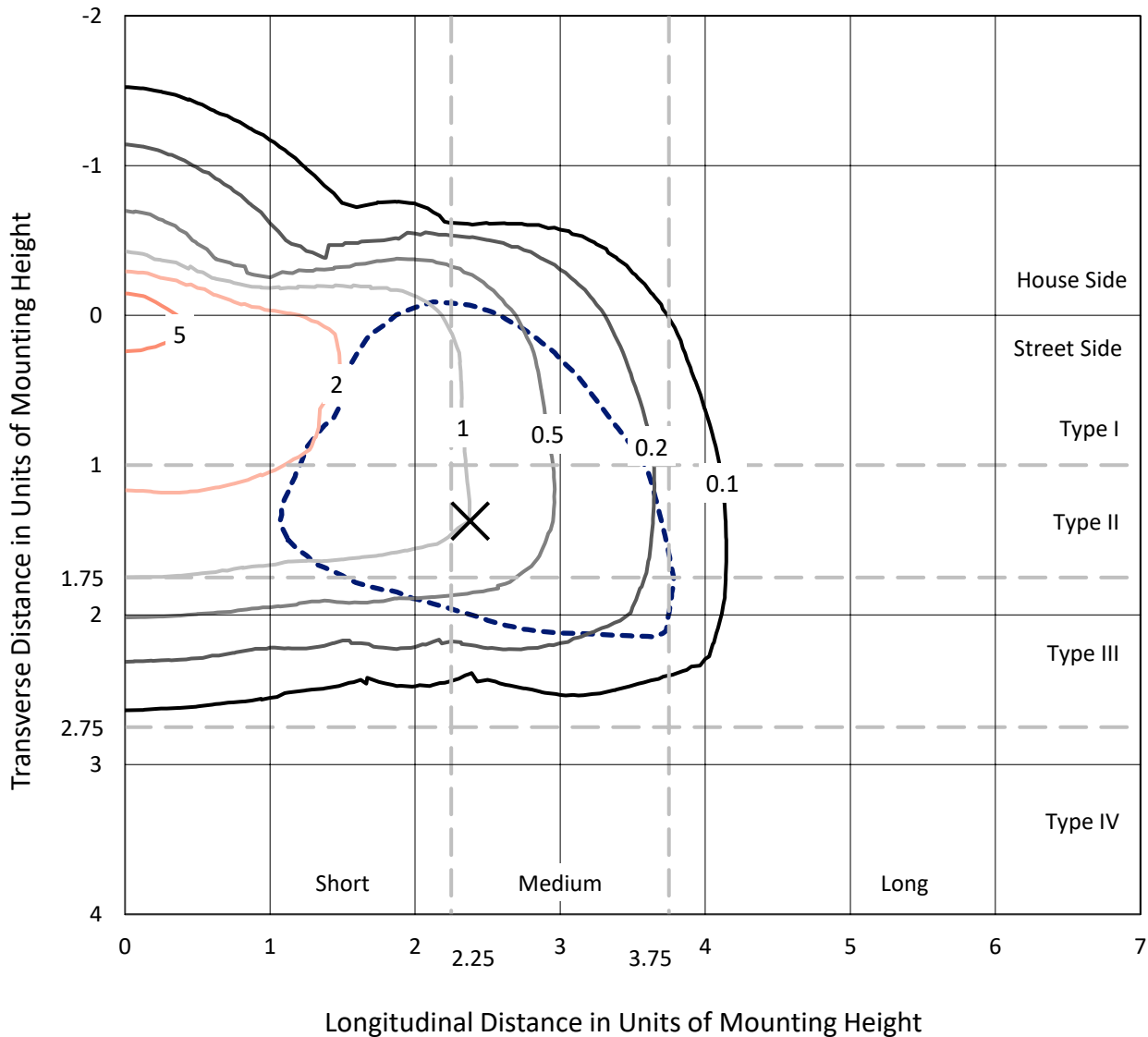


REPORT NUMBER: P629128

CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

Iso-Footcandle Lines of Horizontal Illumination

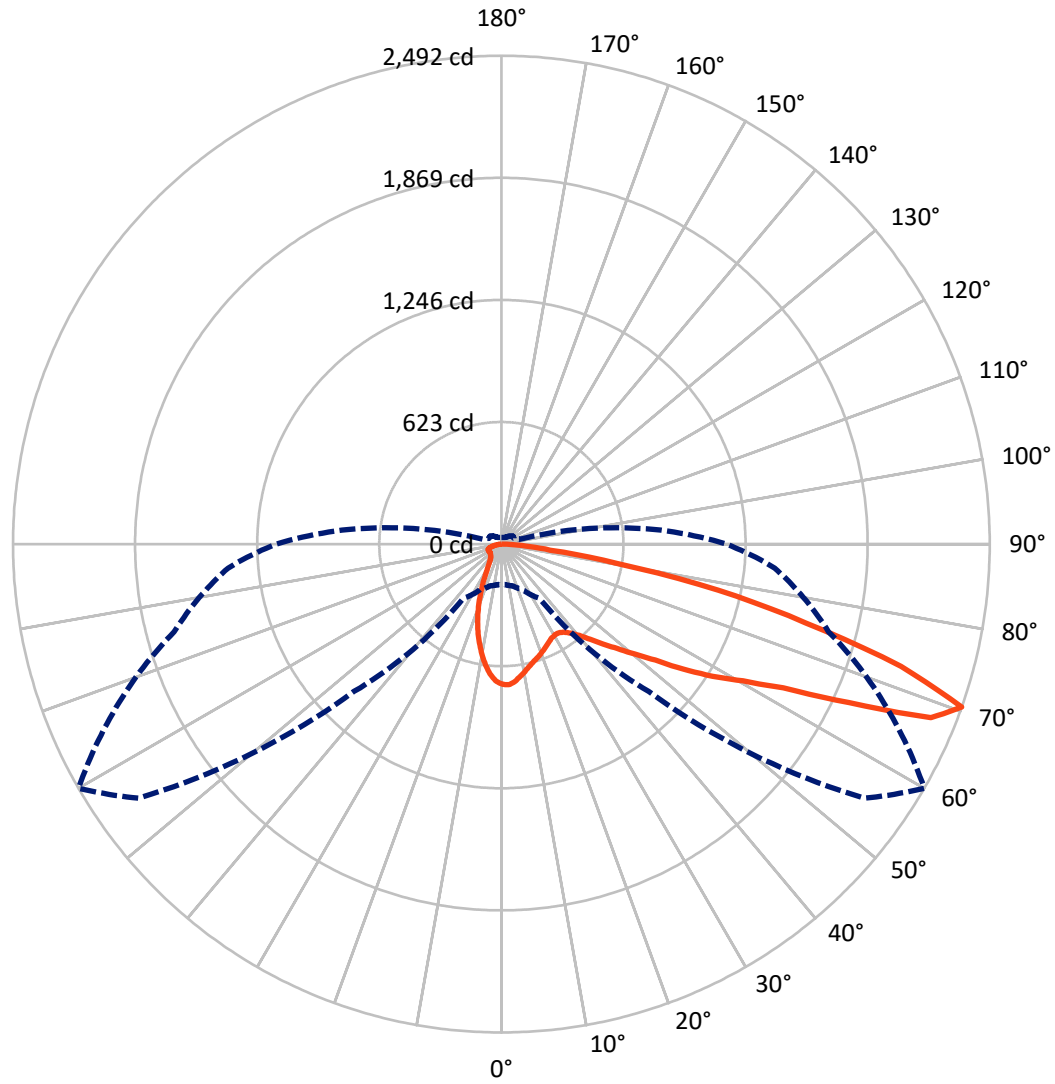
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
 Type III - Medium - N/A

REPORT NUMBER: P629128
CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P629128

CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

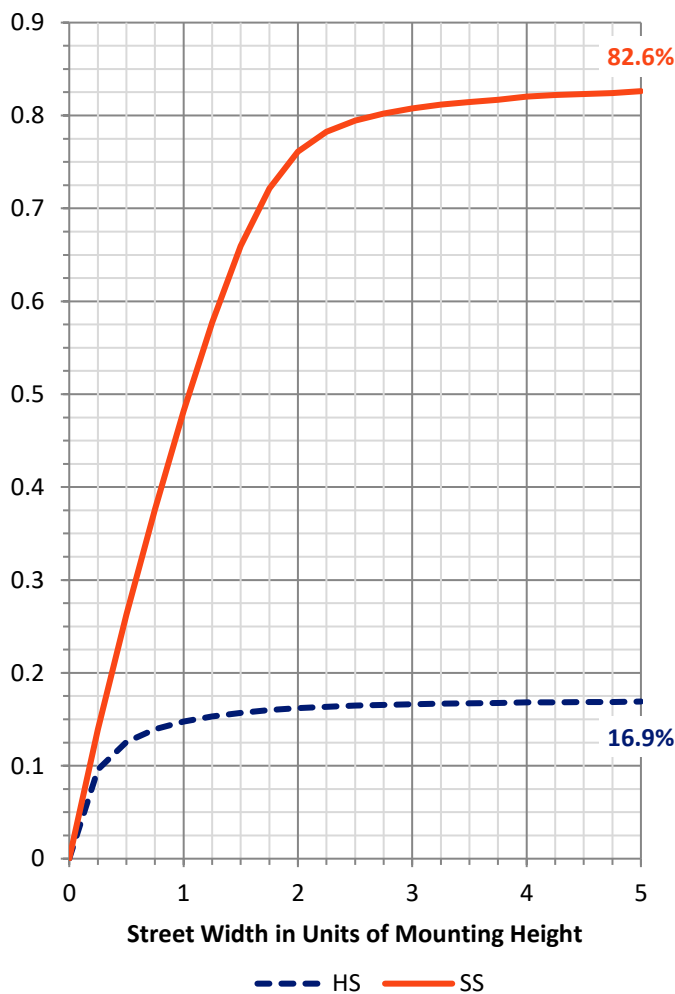
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	442.4	0.0	442.4
	% Fixture	17.1	0.0	17.1
Street Side	Lumens	2144.3	0.0	2144.3
	% Fixture	82.9	0.0	82.9
Total	Lumens	2586.7	0.0	2586.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.7	2.4
10°-20°	138.2	5.3
20°-30°	177.0	6.8
30°-40°	232.6	9.0
40°-50°	337.5	13.0
50°-60°	526.6	20.4
60°-70°	689.4	26.7
70°-80°	381.2	14.7
80°-90°	42.3	1.6
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°	2586.7	100.0
0°-180°	2586.7	100.0

Coefficient of Utilization



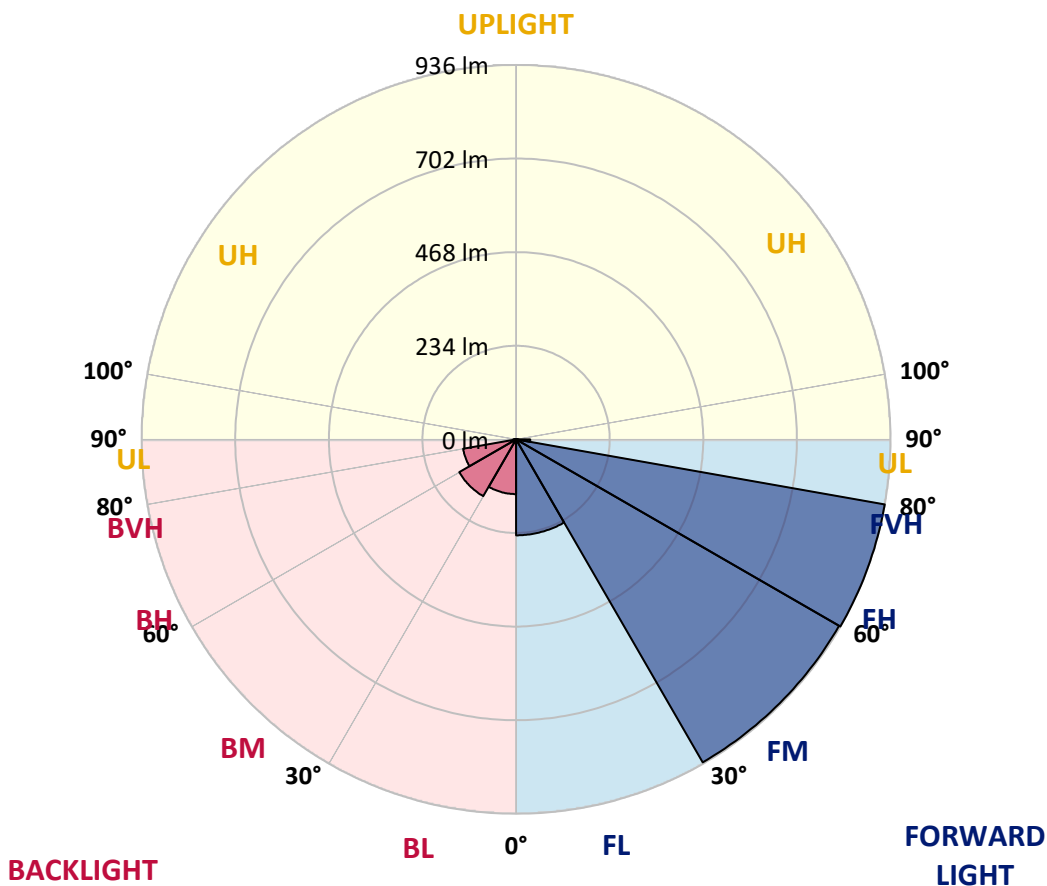
REPORT NUMBER: P629128

CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	240.1	9.3			
FM (30°-60°)	932.8	36.1			
FH (60°-80°)	936.2	36.2			G1/1800
FVH (80°-90°)	35.3	1.4			G1/100
BL (0°-30°)	136.9	5.3	B1/500		
BM (30°-60°)	164.0	6.3	B0/220		
BH (60°-80°)	134.4	5.2	B1/500		G1/500
BVH (80°-90°)	7.1	0.3			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type III Medium





REPORT NUMBER: P629128
 CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8
2.5°	705.7	706.5	708.6	711.6	714.6	716.2	719.9	718.8	718.0	716.5	714.6
5°	674.5	676.0	677.9	683.8	690.4	695.7	704.2	705.2	705.6	706.3	703.3
7.5°	634.8	635.1	639.7	647.5	656.2	665.2	679.4	683.4	686.8	690.6	688.1
10°	590.9	591.8	595.2	606.4	621.3	634.8	653.9	660.5	667.7	676.0	672.6
12.5°	554.9	555.1	560.6	572.5	588.8	607.0	630.8	638.7	648.2	661.3	658.2
15°	526.3	526.3	531.4	541.7	560.4	581.8	610.2	620.4	633.3	650.9	645.6
17.5°	503.6	503.8	507.0	517.8	534.5	558.1	591.8	605.6	619.8	643.1	635.1
20°	491.7	490.7	491.3	497.9	512.1	535.0	573.5	589.5	608.7	637.8	625.7
22.5°	491.1	489.4	487.0	487.5	495.9	514.8	553.8	573.3	597.3	633.4	616.0
25°	500.8	498.9	494.5	489.6	488.9	500.2	535.2	557.4	585.6	631.6	606.8
27.5°	517.1	515.7	510.1	502.7	494.9	494.5	521.2	544.3	577.0	633.4	600.1
30°	538.6	536.4	532.8	523.3	511.6	499.5	515.7	537.3	571.4	639.5	597.3
32.5°	563.0	561.7	558.3	548.8	536.4	517.1	520.1	538.8	571.4	650.1	597.9
35°	589.0	588.8	588.8	582.5	568.7	544.7	537.3	551.7	580.1	667.1	603.9
37.5°	614.1	614.0	620.0	622.3	606.6	580.6	566.6	577.4	599.2	692.3	618.9
40°	634.6	635.3	648.6	659.9	651.2	627.2	607.5	613.0	630.2	728.1	645.0
42.5°	655.2	657.3	677.2	697.2	700.6	679.8	659.9	663.2	674.7	775.4	684.0
45°	677.7	678.7	706.5	734.5	751.0	738.7	722.4	726.8	729.4	833.9	742.1
47.5°	699.5	702.0	737.9	776.3	807.6	806.4	797.3	796.0	796.6	905.0	810.8
50°	729.2	732.8	775.0	821.4	867.2	888.2	890.8	880.8	876.6	984.1	896.3
52.5°	785.6	785.6	823.5	869.1	930.6	982.6	1000.4	984.0	970.7	1067.8	987.2
55°	856.2	859.2	889.3	926.2	1004.2	1082.0	1142.2	1124.0	1086.5	1158.8	1082.4
57.5°	887.6	891.4	939.1	996.4	1100.5	1195.0	1278.4	1272.0	1217.3	1253.5	1181.2
60°	830.8	838.8	904.5	1000.6	1187.8	1377.2	1436.1	1417.4	1339.2	1352.8	1288.3
62.5°	693.1	701.8	774.6	908.8	1175.7	1574.2	1684.6	1615.5	1491.4	1478.3	1431.0
65°	413.5	413.1	500.8	678.7	1026.3	1628.9	2077.9	1949.0	1726.4	1650.5	1577.8
67.5°	262.9	262.3	280.7	359.6	683.0	1494.9	2330.7	2364.2	2045.7	1777.1	1590.0
70°	207.4	207.2	220.5	256.4	337.8	1063.8	2260.3	2492.1	2238.5	1728.9	1399.9
72.5°	151.2	151.6	172.0	214.8	260.6	534.1	1830.3	2132.4	2058.9	1526.2	1136.5
75°	108.6	109.2	121.5	164.5	240.4	292.0	1217.1	1603.4	1566.5	1223.4	781.8
77.5°	69.1	69.8	80.6	115.3	194.2	235.8	737.9	1132.0	1042.2	689.3	278.0
80°	42.2	44.7	53.7	85.9	155.2	177.0	368.9	596.4	522.0	189.1	93.5
82.5°	21.8	23.7	32.4	53.2	106.9	155.4	208.8	250.6	161.6	79.1	49.8
85°	6.8	7.9	11.4	21.6	50.9	96.3	138.2	124.5	74.2	37.3	23.1
87.5°	1.7	1.7	1.9	1.9	2.1	4.4	26.7	28.2	19.7	11.7	9.5
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: P629128
 CATALOG NUMBER: GWS-SA1B-722-U-SL3-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8
2.5°	710.9	706.3	704.4	704.2	699.5	692.7	688.1	684.9	683.0	682.7	682.7
5°	698.2	692.3	684.5	678.7	666.0	653.1	642.3	636.3	629.3	628.3	628.1
7.5°	681.3	672.8	658.0	641.6	619.4	598.1	579.9	567.6	555.3	553.0	552.3
10°	663.2	651.6	626.4	597.5	564.4	532.4	504.6	482.8	468.4	458.2	456.3
12.5°	645.2	629.9	592.9	549.8	504.4	460.7	418.8	383.2	357.5	342.6	339.9
15°	628.3	607.0	556.4	501.3	442.3	382.5	323.3	277.1	240.9	228.1	225.0
17.5°	613.0	586.3	521.0	451.2	377.6	299.4	232.0	191.0	169.8	163.3	161.8
20°	597.7	565.1	485.1	398.4	308.9	221.2	169.6	150.3	142.3	139.9	139.1
22.5°	581.2	541.8	445.9	346.3	239.4	165.6	138.7	130.2	127.7	127.9	127.7
25°	564.7	518.2	404.8	289.8	178.3	134.4	121.1	117.9	118.5	120.2	120.6
27.5°	551.1	497.2	364.5	227.7	139.3	115.6	109.4	109.2	111.3	113.6	113.9
30°	541.3	478.4	324.8	175.1	114.7	102.8	100.3	101.4	103.9	105.6	106.2
32.5°	534.3	462.4	282.4	137.6	100.5	93.7	92.5	93.7	95.2	96.9	97.3
35°	531.8	450.6	240.7	112.2	90.8	87.1	86.3	86.9	87.6	88.6	89.0
37.5°	537.3	444.8	197.2	97.7	85.0	82.7	81.6	81.2	81.4	81.8	81.9
40°	553.6	447.4	161.6	89.1	81.2	79.1	77.2	76.5	76.3	76.6	76.5
42.5°	581.6	458.6	135.9	84.2	78.2	75.1	73.1	72.3	72.3	73.2	73.2
45°	622.7	480.5	117.3	80.6	75.5	71.7	69.5	69.1	69.8	71.4	71.5
47.5°	682.8	512.7	106.2	78.0	73.1	68.7	66.4	66.2	67.8	70.2	70.4
50°	754.2	559.1	100.1	76.1	71.4	66.2	64.0	64.2	65.9	68.5	69.1
52.5°	840.1	622.3	100.5	75.3	70.4	64.7	62.5	62.1	63.8	66.4	67.0
55°	928.9	699.1	107.9	75.5	69.1	64.0	60.9	59.6	61.1	63.0	63.2
57.5°	1026.5	785.8	126.2	75.1	67.4	63.2	59.6	56.6	57.5	58.7	59.2
60°	1136.7	887.8	165.8	75.9	66.6	61.5	57.0	53.0	52.8	53.6	53.7
62.5°	1283.9	1026.5	210.3	77.2	68.3	59.4	53.0	48.8	48.1	48.5	48.6
65°	1396.5	1092.8	196.3	76.1	71.9	57.9	49.2	44.9	43.3	43.0	43.0
67.5°	1350.7	1005.1	136.6	73.1	73.6	58.1	46.2	40.7	38.8	37.9	37.7
70°	1149.4	816.5	95.0	70.0	71.7	57.7	43.0	37.3	34.8	33.5	33.3
72.5°	908.1	623.4	76.8	64.0	65.1	52.0	38.2	33.5	31.4	29.7	29.7
75°	584.4	380.4	64.2	57.0	53.2	40.5	33.1	29.9	27.8	26.1	26.1
77.5°	196.6	141.2	49.8	48.3	39.7	30.5	27.8	25.7	24.0	22.5	22.3
80°	79.9	67.0	36.5	36.5	27.8	23.3	21.8	20.8	19.7	17.8	17.8
82.5°	46.4	40.7	25.5	22.1	18.5	16.1	15.1	14.2	14.2	12.9	12.9
85°	22.3	22.5	15.3	13.6	10.6	9.3	8.9	8.3	8.1	7.4	7.2
87.5°	12.1	12.3	7.8	6.1	4.2	3.6	3.0	2.8	2.6	2.5	2.5
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)