

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: P635338

Luminaire Tested: GWS-SA3D-750-U-SL3-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635338
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-32)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3D-750-U-SL3-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10529 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G1

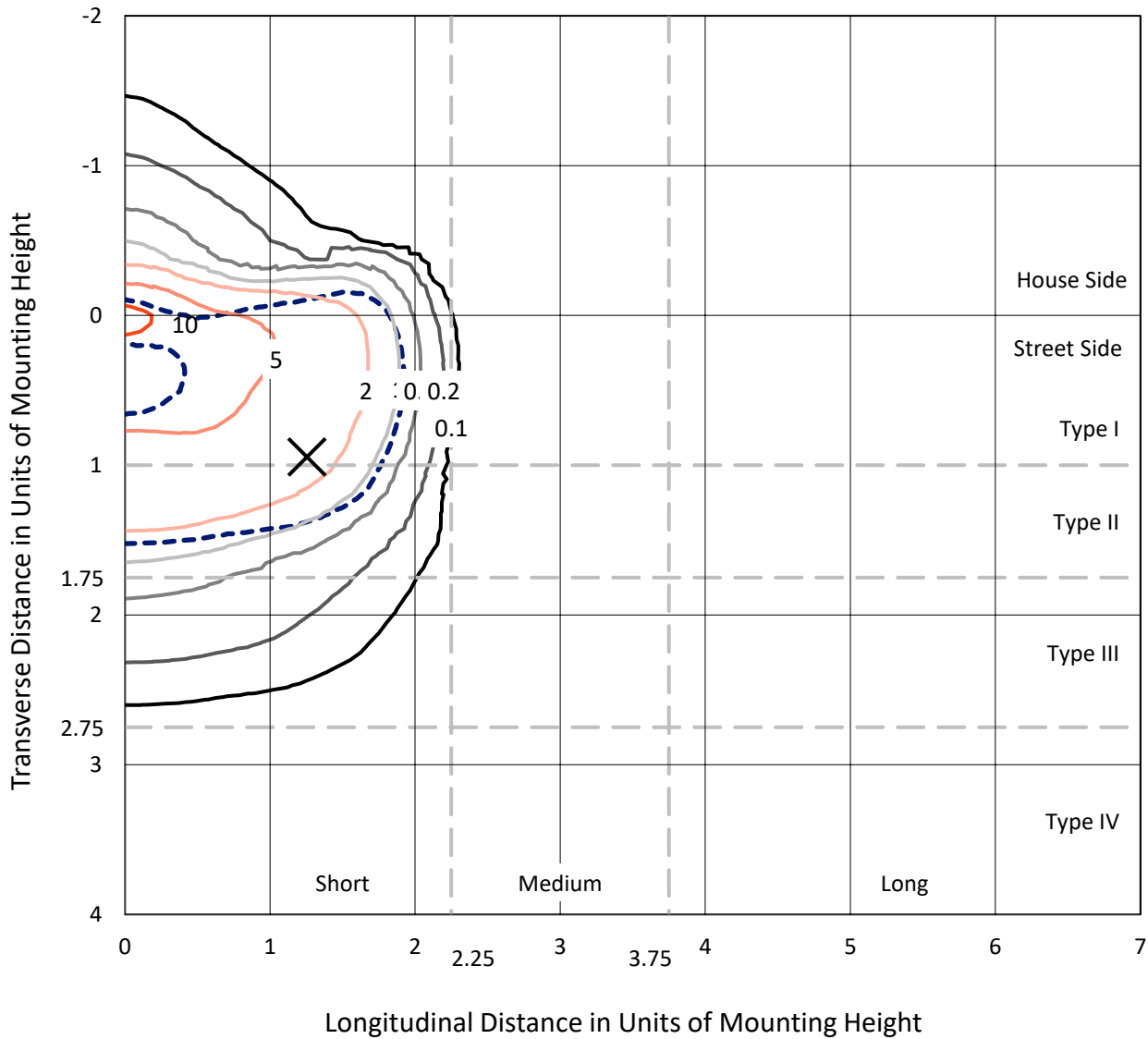
Input Watts (W): 120.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635338
 CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

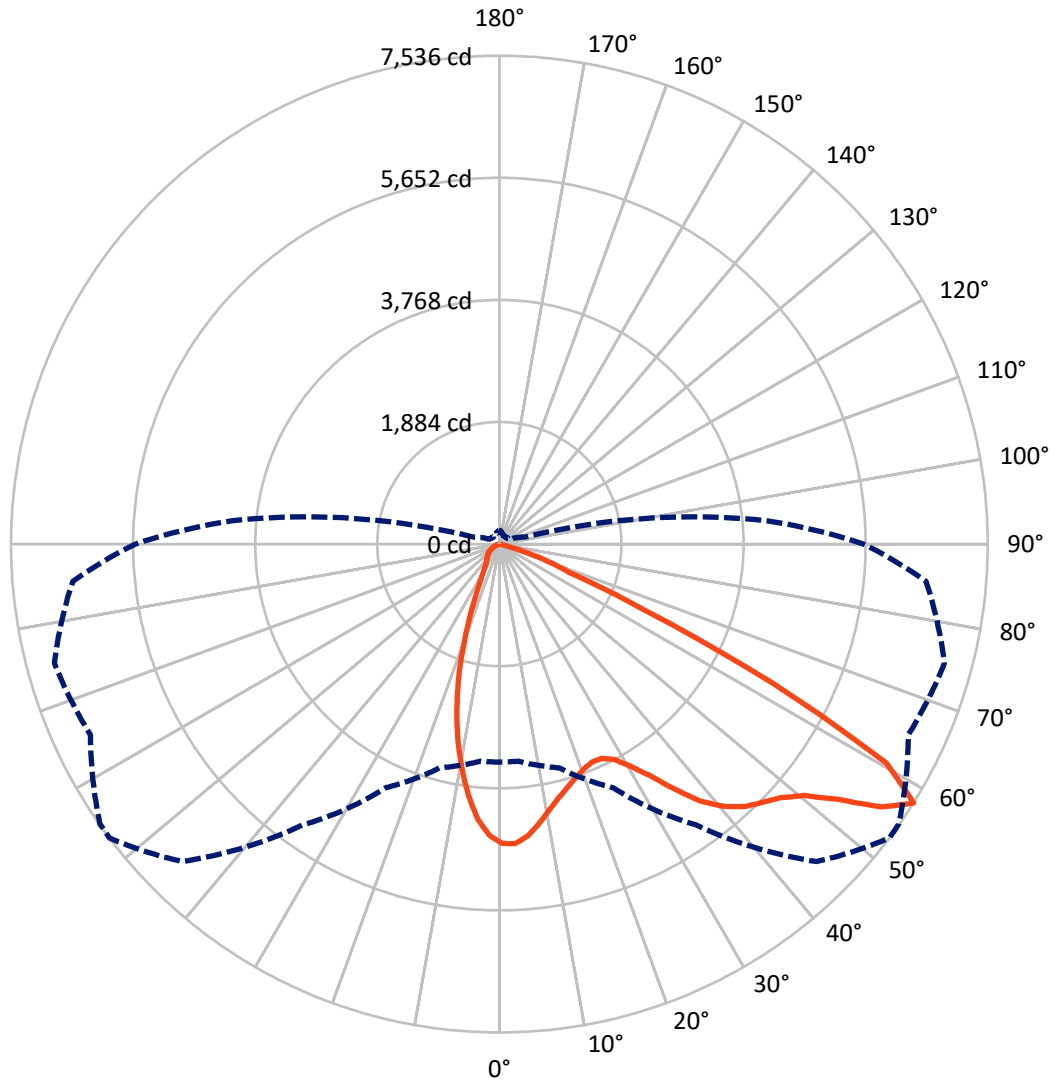
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.5 fc
 Type II - Short - N/A

REPORT NUMBER: P635338
CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 53-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P635338
 CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

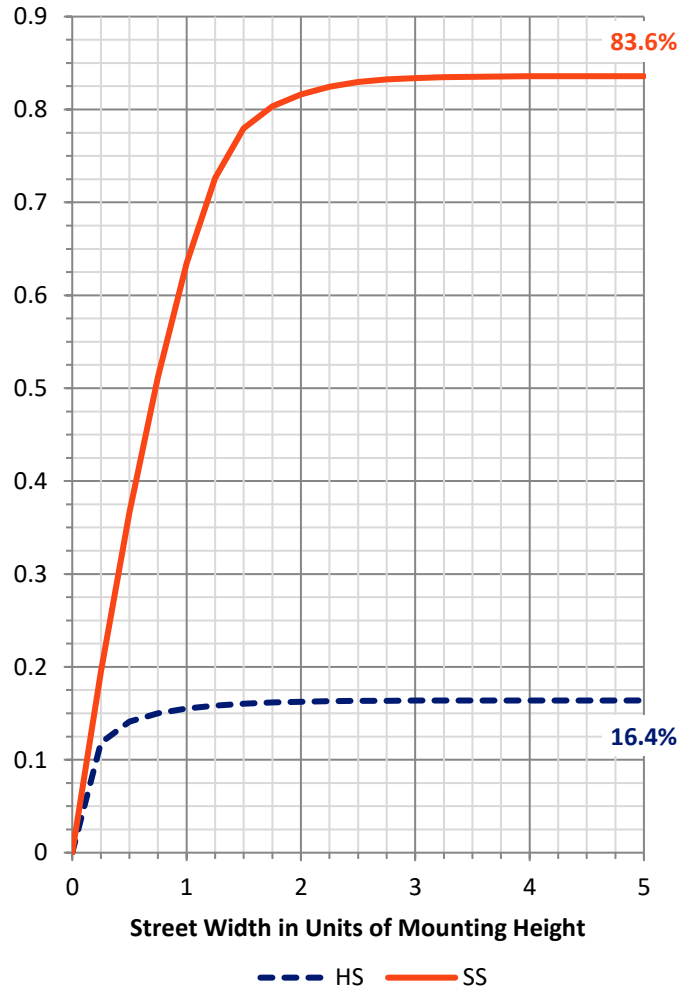
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1739.3	0.0	1739.3
	% Fixture	16.5	0.0	16.5
Street Side	Lumens	8789.7	0.0	8789.7
	% Fixture	83.5	0.0	83.5
Total	Lumens	10529.0	0.0	10529.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	395.2	3.8
10°-20°	867.5	8.2
20°-30°	1130.2	10.7
30°-40°	1639.3	15.6
40°-50°	2365.4	22.5
50°-60°	2860.7	27.2
60°-70°	1165.9	11.1
70°-80°	104.8	1.0
80°-90°	0.0	0.0
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°	10529.0	100.0
0°-180°	10529.0	100.0

Coefficient of Utilization



REPORT NUMBER: P635338

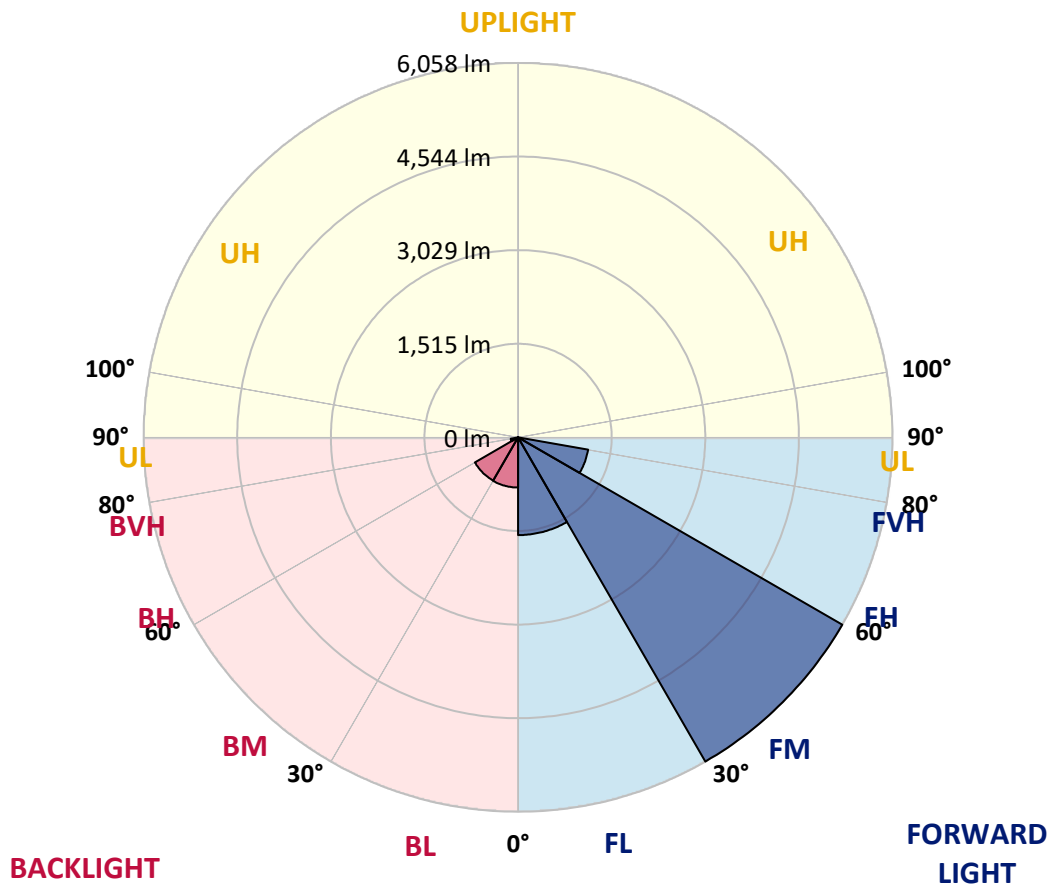
CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1581.1	15.0			
FM (30°-60°)	6058.2	57.5			
FH (60°-80°)	1150.5	10.9			G1/1800
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	811.7	7.7	B2/1000		
BM (30°-60°)	807.3	7.7	B1/1000		
BH (60°-80°)	120.2	1.1	B1/500		G1/500
BVH (80°-90°)	0.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type II Short





REPORT NUMBER: P635338

CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	53°	55°	65°	75°	85°
0°	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6
2.5°	4554.1	4564.4	4582.5	4605.7	4621.2	4628.9	4628.9	4650.9	4636.7	4625.1	4612.2
5°	4359.2	4369.6	4394.1	4431.5	4468.9	4496.0	4527.0	4550.2	4559.3	4559.3	4537.3
7.5°	4084.4	4098.6	4114.0	4165.7	4247.0	4307.6	4360.5	4394.1	4443.1	4458.6	4427.6
10°	3788.8	3803.0	3837.9	3908.9	4001.8	4092.1	4182.4	4225.0	4308.9	4352.8	4317.9
12.5°	3538.5	3544.9	3591.4	3676.6	3795.3	3919.2	4028.9	4072.7	4191.5	4257.3	4216.0
15°	3332.0	3335.9	3382.3	3476.5	3613.3	3765.6	3903.7	3948.9	4094.7	4194.1	4132.1
17.5°	3175.9	3177.2	3217.2	3319.1	3462.4	3631.4	3795.3	3850.8	4039.2	4159.2	4066.3
20°	3097.1	3093.3	3121.7	3210.7	3346.2	3515.3	3708.8	3777.2	4008.2	4154.0	4016.0
22.5°	3098.4	3089.4	3101.0	3164.3	3279.1	3437.8	3654.6	3732.1	4010.8	4176.0	3973.4
25°	3172.0	3159.1	3161.7	3195.2	3276.5	3421.1	3662.4	3745.0	4062.4	4249.5	3957.9
27.5°	3295.9	3281.7	3281.7	3298.5	3342.3	3474.0	3759.2	3853.4	4200.5	4392.8	3990.2
30°	3455.9	3441.7	3436.5	3453.3	3489.5	3610.8	3974.7	4072.7	4436.7	4627.7	4093.4
32.5°	3639.1	3622.4	3631.4	3654.6	3689.5	3857.2	4252.1	4382.5	4732.2	4943.8	4279.2
35°	3832.7	3818.5	3859.8	3910.1	3964.3	4199.2	4635.4	4749.0	5094.8	5337.4	4563.1
37.5°	4017.3	4010.8	4097.3	4203.1	4315.4	4609.6	5025.1	5112.9	5405.8	5765.9	4910.3
40°	4201.8	4200.5	4348.9	4534.7	4714.1	5018.7	5320.6	5392.9	5595.5	6098.8	5243.2
42.5°	4408.3	4408.3	4613.5	4861.2	5100.0	5364.5	5537.4	5569.7	5680.7	6291.1	5493.6
45°	4605.7	4617.3	4854.8	5142.6	5425.2	5634.2	5687.1	5689.7	5715.5	6404.6	5701.3
47.5°	4761.9	4772.2	5056.1	5387.7	5692.3	5839.4	5847.2	5835.5	5807.1	6513.0	5861.3
50°	4888.3	4903.8	5200.6	5551.6	5875.5	6036.9	6096.2	6084.6	6012.3	6629.2	5973.6
52.5°	4950.3	4972.2	5251.0	5632.9	6079.4	6375.0	6540.1	6567.2	6319.5	6693.7	6080.7
55°	4454.7	4487.0	4743.8	5266.4	6193.0	6897.6	7157.0	7151.8	6652.4	6886.0	6341.4
57.5°	3364.3	3361.7	3574.6	4146.3	5289.7	6927.3	7536.4	7526.1	6963.4	7109.2	6608.5
60°	2290.6	2275.1	2331.9	2608.1	3698.5	5643.3	6858.9	6998.3	6742.7	6567.2	5611.0
62.5°	1885.4	1871.2	1853.1	1777.0	2124.1	3515.3	4738.6	4950.3	4916.7	4564.4	3519.1
65°	1543.4	1555.0	1605.4	1573.1	1477.6	1802.8	2459.7	2584.8	2362.9	1988.6	1229.8
67.5°	1138.2	1143.4	1209.2	1379.5	1327.9	1200.1	1157.6	1178.2	690.4	317.5	205.2
70°	672.3	676.2	736.9	965.3	1077.5	921.4	782.0	770.4	273.6	85.2	92.9
72.5°	380.7	372.9	384.6	459.4	587.2	489.1	402.6	366.5	82.6	47.7	47.7
75°	180.7	175.5	151.0	142.0	129.0	82.6	51.6	43.9	20.6	19.4	19.4
77.5°	1.3	3.9	2.6	3.9	3.9	2.6	1.3	1.3	3.9	3.9	5.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P635338

CATALOG NUMBER: GWS-SA3D-750-U-SL3-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6	4618.6
2.5°	4588.9	4550.2	4541.2	4538.6	4502.5	4463.8	4423.8	4408.3	4385.0	4370.8	4382.5
5°	4502.5	4447.0	4397.9	4352.8	4272.8	4185.0	4108.9	4059.8	4013.4	3982.4	3990.2
7.5°	4379.9	4307.6	4195.3	4080.5	3933.4	3801.7	3654.6	3564.3	3480.4	3434.0	3455.9
10°	4249.5	4154.0	3974.7	3779.8	3548.8	3342.3	3132.0	2960.4	2861.0	2766.8	2777.1
12.5°	4121.8	3995.3	3726.9	3431.4	3139.7	2835.2	2517.7	2280.3	2117.7	2000.2	1982.2
15°	4003.1	3840.5	3485.6	3095.9	2698.4	2293.2	1888.0	1548.6	1360.2	1244.0	1236.3
17.5°	3897.2	3695.9	3235.2	2744.8	2246.7	1727.9	1262.1	1007.9	899.5	849.1	844.0
20°	3795.3	3550.1	2979.7	2388.7	1753.8	1213.0	871.1	753.6	718.8	698.1	700.7
22.5°	3697.2	3391.4	2711.3	1993.8	1315.0	851.7	674.9	629.8	625.9	628.5	629.8
25°	3614.6	3245.6	2435.1	1613.1	938.2	649.1	563.9	551.0	562.6	579.4	582.0
27.5°	3572.0	3126.8	2165.4	1229.8	678.8	527.8	489.1	494.3	514.9	533.0	535.5
30°	3583.7	3037.8	1886.7	891.7	522.6	445.2	432.3	442.6	463.3	480.1	482.6
32.5°	3666.2	2992.6	1601.5	649.1	429.7	388.4	383.3	391.0	409.1	422.0	423.3
35°	3830.1	3002.9	1330.5	496.8	369.1	345.8	344.6	349.7	358.8	367.8	369.1
37.5°	4071.5	3086.8	1063.4	413.0	334.2	317.5	312.3	312.3	318.7	322.6	325.2
40°	4330.8	3213.3	851.7	365.2	309.7	291.6	281.3	277.5	282.6	287.8	289.1
42.5°	4545.1	3339.8	691.7	331.7	290.4	265.8	252.9	250.4	256.8	265.8	268.4
45°	4709.0	3437.8	576.8	304.6	268.4	241.3	227.1	227.1	238.7	254.2	256.8
47.5°	4858.6	3516.6	491.7	280.0	247.8	219.4	205.2	207.8	227.1	247.8	251.6
50°	4960.6	3579.8	428.4	258.1	231.0	201.3	188.4	193.6	216.8	241.3	245.2
52.5°	5070.3	3657.2	387.1	238.7	215.5	187.1	175.5	179.4	205.2	232.3	237.4
55°	5373.5	3916.6	385.9	212.9	188.4	167.8	162.6	163.9	189.7	220.7	227.1
57.5°	5621.3	4145.0	411.7	179.4	157.4	147.1	144.5	145.8	169.1	203.9	211.6
60°	4650.9	3221.0	340.7	148.4	131.6	129.0	125.2	127.8	149.7	180.7	187.1
62.5°	2752.6	1841.5	162.6	113.6	112.3	109.7	105.8	111.0	131.6	158.7	162.6
65°	940.8	545.9	103.2	92.9	95.5	91.6	87.8	92.9	111.0	126.5	127.8
67.5°	180.7	144.5	82.6	77.4	78.7	71.0	69.7	74.8	85.2	87.8	86.5
70°	94.2	83.9	63.2	63.2	60.7	50.3	50.3	55.5	55.5	51.6	50.3
72.5°	49.0	46.5	41.3	46.5	38.7	31.0	31.0	33.6	31.0	25.8	25.8
75°	19.4	19.4	18.1	23.2	16.8	14.2	12.9	15.5	11.6	9.0	9.0
77.5°	5.2	5.2	5.2	6.5	3.9	3.9	2.6	2.6	1.3	0.0	0.0
80°	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)