

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: P634348

Luminaire Tested: GWS-SA3B-750-U-SL3-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634348
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-SA3B-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: 6223.2 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

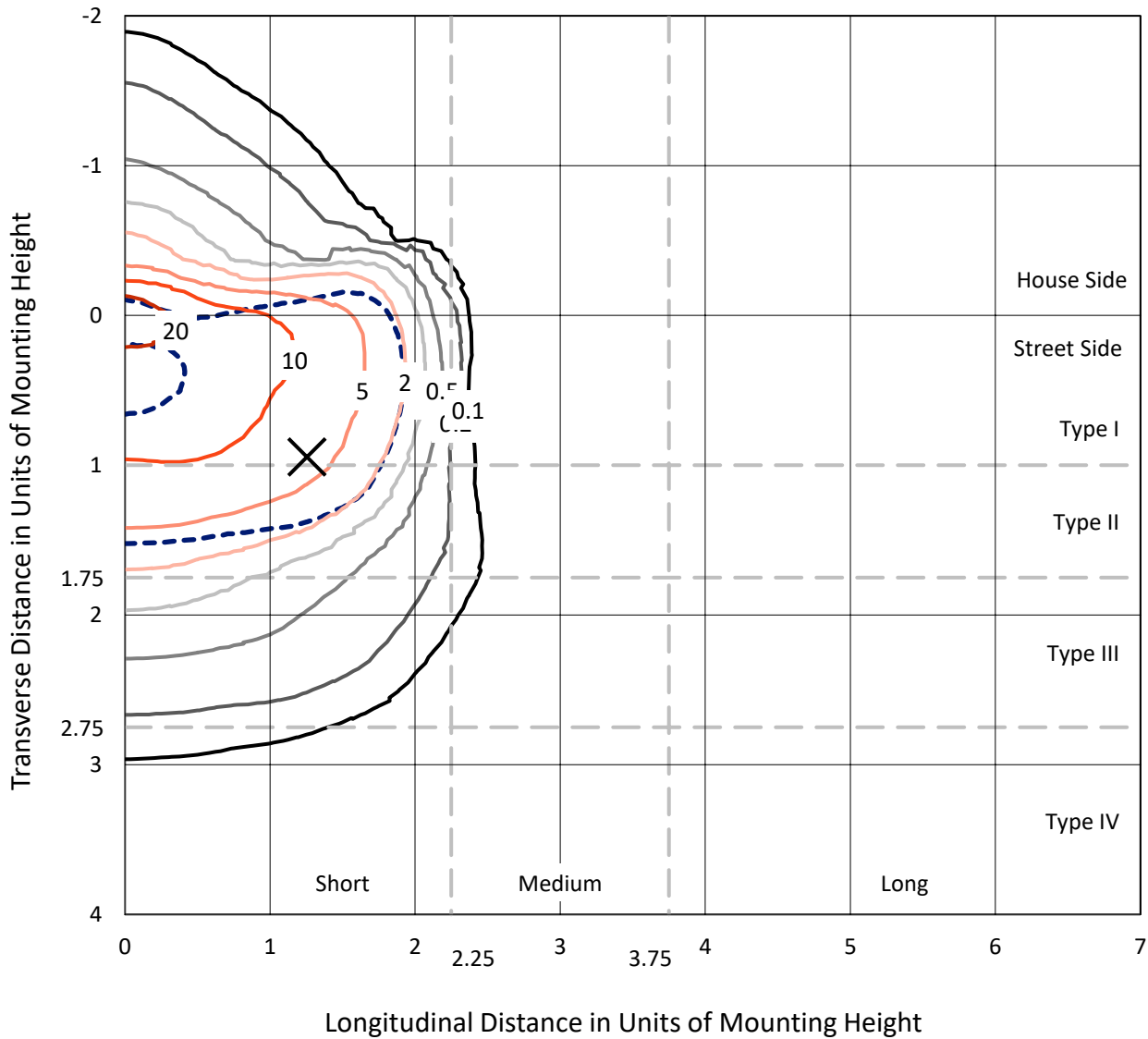
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P634348
 CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

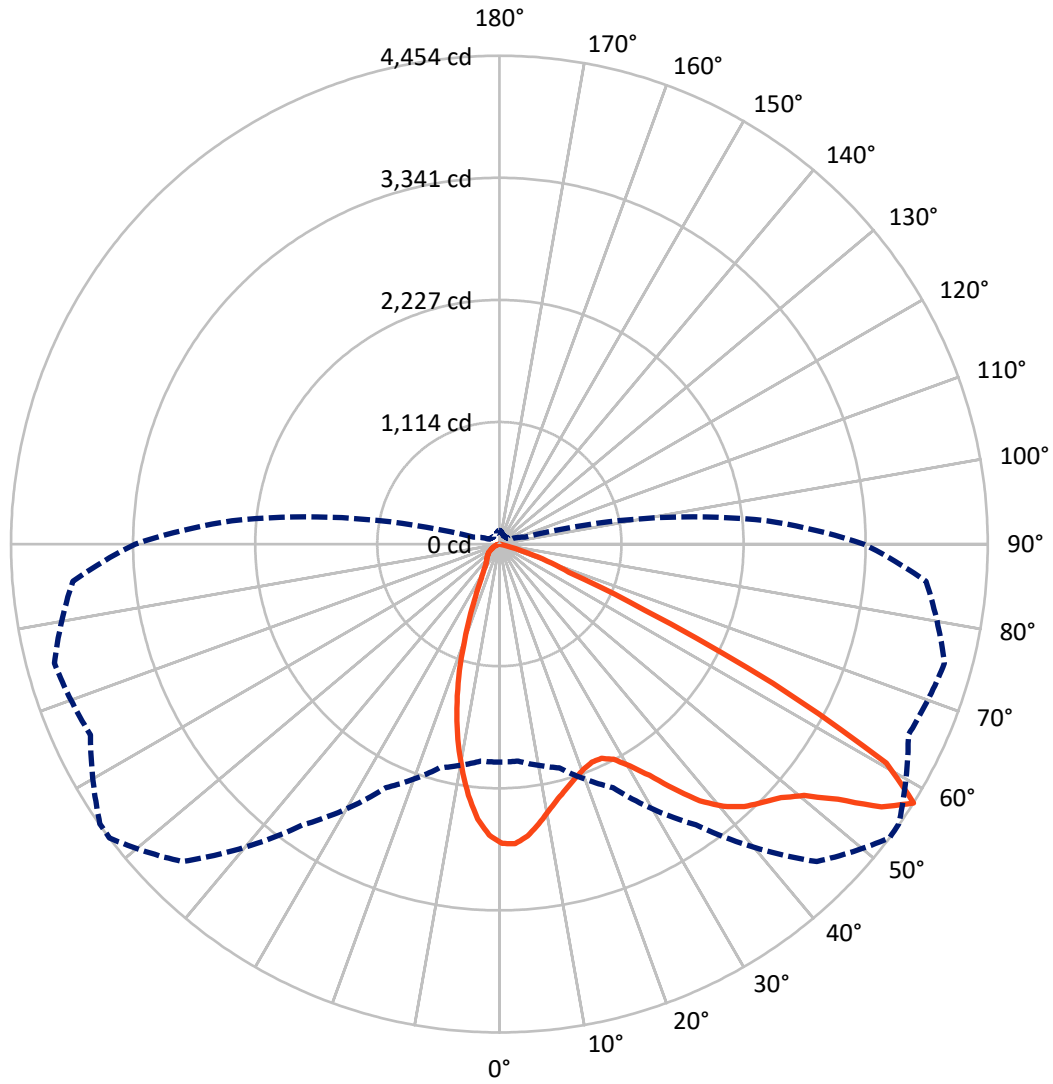
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 27.3 fc
 Type II - Short - N/A

REPORT NUMBER: P634348
CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

Luminous Intensity Polar Plot



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

REPORT NUMBER: P634348

CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

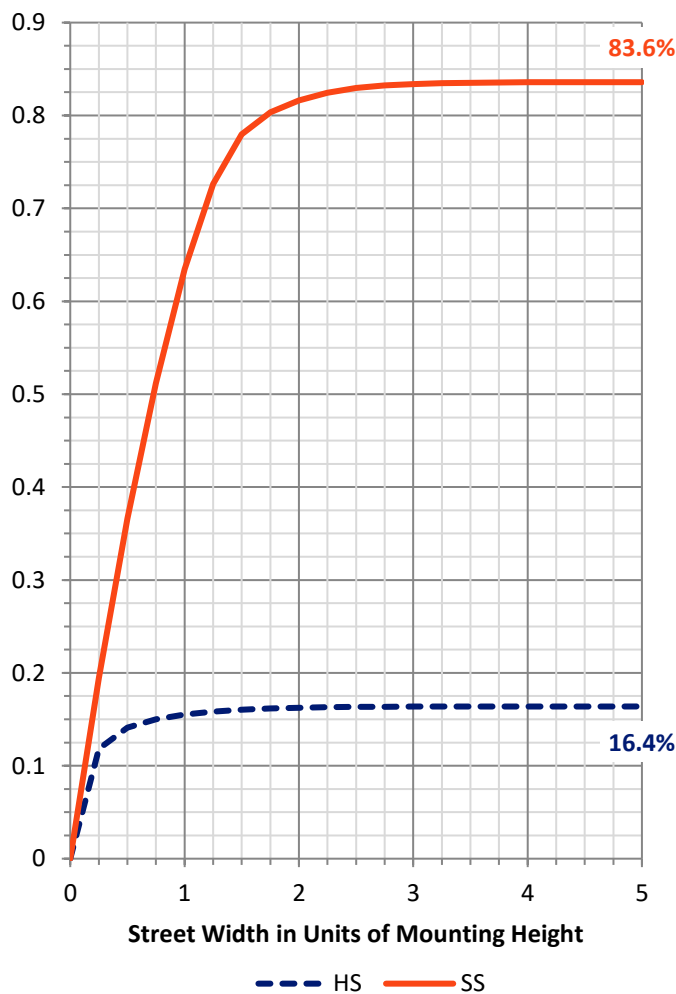
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1028.0	0.0	1028.0
	% Fixture	16.5	0.0	16.5
Street Side	Lumens	5195.2	0.0	5195.2
	% Fixture	83.5	0.0	83.5
Total	Lumens	6223.2	0.0	6223.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.6	3.8
10°-20°	512.8	8.2
20°-30°	668.0	10.7
30°-40°	968.9	15.6
40°-50°	1398.1	22.5
50°-60°	1690.9	27.2
60°-70°	689.1	11.1
70°-80°	61.9	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°	6223.2	100.0
0°-180°	6223.2	100.0

Coefficient of Utilization



REPORT NUMBER: P634348

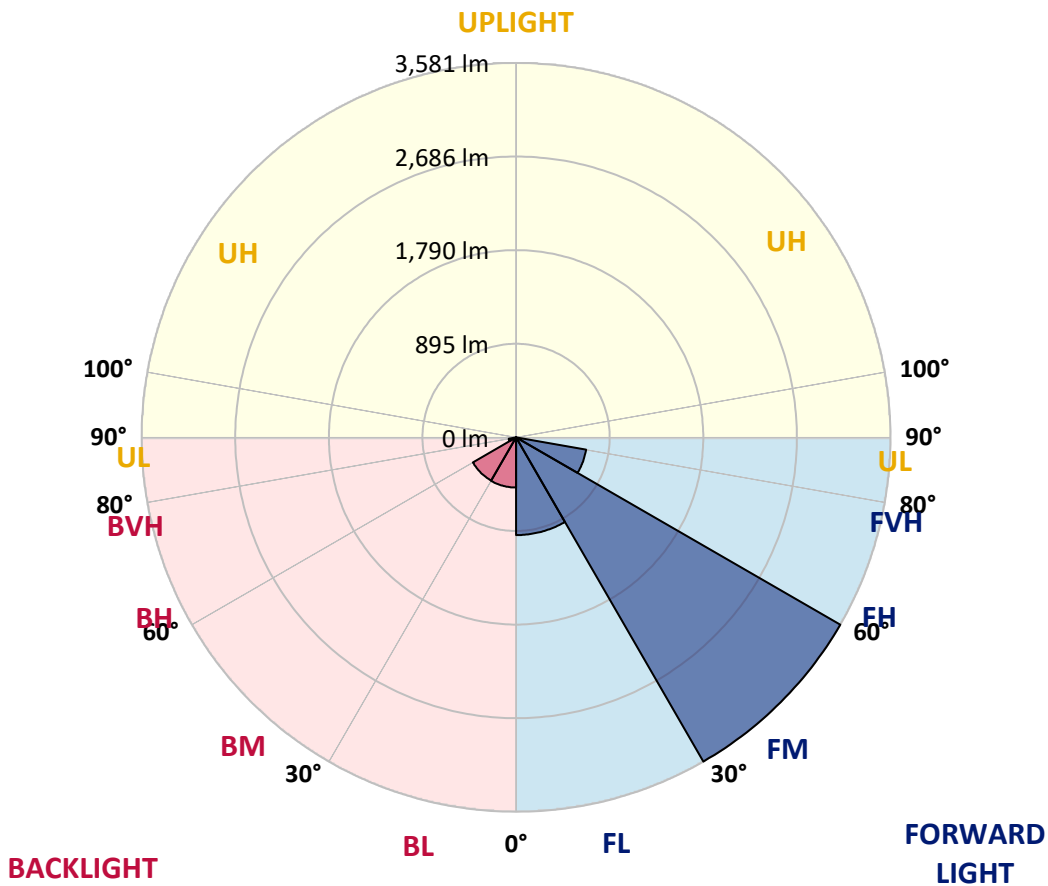
CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	934.5	15.0			
FM (30°-60°)	3580.7	57.5			
FH (60°-80°)	680.0	10.9			G1/1800
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	479.8	7.7	B1/500		
BM (30°-60°)	477.1	7.7	B1/1000		
BH (60°-80°)	71.1	1.1	B0/110		G0/110
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: B1-U0-G1

Type II Short





REPORT NUMBER: P634348

CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	53°	55°	65°	75°	85°
0°	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9
2.5°	2691.7	2697.8	2708.5	2722.2	2731.4	2736.0	2736.0	2748.9	2740.5	2733.7	2726.0
5°	2576.5	2582.6	2597.1	2619.3	2641.4	2657.4	2675.7	2689.4	2694.8	2694.8	2681.8
7.5°	2414.1	2422.5	2431.6	2462.1	2510.2	2546.0	2577.3	2597.1	2626.1	2635.3	2617.0
10°	2239.4	2247.8	2268.4	2310.3	2365.3	2418.7	2472.0	2497.2	2546.8	2572.7	2552.1
12.5°	2091.4	2095.2	2122.7	2173.0	2243.2	2316.4	2381.3	2407.2	2477.4	2516.3	2491.9
15°	1969.4	1971.7	1999.1	2054.8	2135.7	2225.7	2307.3	2334.0	2420.2	2478.9	2442.3
17.5°	1877.1	1877.9	1901.5	1961.8	2046.4	2146.4	2243.2	2276.0	2387.4	2458.3	2403.4
20°	1830.6	1828.3	1845.1	1897.7	1977.8	2077.7	2192.1	2232.5	2369.1	2455.3	2373.7
22.5°	1831.3	1826.0	1832.9	1870.2	1938.1	2031.9	2160.1	2205.8	2370.6	2468.2	2348.5
25°	1874.8	1867.2	1868.7	1888.5	1936.6	2022.0	2164.7	2213.5	2401.1	2511.7	2339.3
27.5°	1948.0	1939.7	1939.7	1949.6	1975.5	2053.3	2221.9	2277.5	2482.7	2596.4	2358.4
30°	2042.6	2034.2	2031.2	2041.1	2062.5	2134.1	2349.2	2407.2	2622.3	2735.2	2419.4
32.5°	2150.9	2141.0	2146.4	2160.1	2180.7	2279.8	2513.2	2590.3	2797.0	2922.1	2529.2
35°	2265.3	2257.0	2281.4	2311.1	2343.1	2482.0	2739.8	2806.9	3011.3	3154.7	2697.1
37.5°	2374.4	2370.6	2421.7	2484.2	2550.6	2724.5	2970.1	3022.0	3195.1	3407.9	2902.2
40°	2483.5	2482.7	2570.4	2680.3	2786.3	2966.3	3144.8	3187.5	3307.2	3604.7	3099.0
42.5°	2605.5	2605.5	2726.8	2873.2	3014.4	3170.7	3272.9	3292.0	3357.6	3718.4	3247.0
45°	2722.2	2729.1	2869.4	3039.5	3206.6	3330.1	3361.4	3362.9	3378.2	3785.5	3369.8
47.5°	2814.5	2820.6	2988.4	3184.4	3364.5	3451.4	3456.0	3449.1	3432.3	3849.6	3464.4
50°	2889.3	2898.4	3073.8	3281.3	3472.8	3568.1	3603.2	3596.3	3553.6	3918.2	3530.7
52.5°	2925.9	2938.8	3103.6	3329.4	3593.3	3767.9	3865.6	3881.6	3735.1	3956.3	3594.0
55°	2633.0	2652.1	2803.8	3112.7	3660.4	4076.9	4230.2	4227.1	3931.9	4070.0	3748.1
57.5°	1988.5	1986.9	2112.8	2450.7	3126.5	4094.4	4454.4	4448.3	4115.8	4201.9	3906.0
60°	1353.9	1344.7	1378.3	1541.5	2186.0	3335.5	4054.0	4136.3	3985.3	3881.6	3316.4
62.5°	1114.4	1106.0	1095.3	1050.3	1255.5	2077.7	2800.8	2925.9	2906.0	2697.8	2080.0
65°	912.2	919.1	948.8	929.8	873.3	1065.5	1453.8	1527.8	1396.6	1175.4	726.9
67.5°	672.7	675.8	714.7	815.4	784.9	709.3	684.2	696.4	408.1	187.6	121.3
70°	397.4	399.7	435.5	570.5	636.9	544.6	462.2	455.4	161.7	50.3	54.9
72.5°	225.0	220.4	227.3	271.5	347.0	289.1	238.0	216.6	48.8	28.2	28.2
75°	106.8	103.7	89.2	83.9	76.3	48.8	30.5	25.9	12.2	11.4	11.4
77.5°	0.8	2.3	1.5	2.3	2.3	1.5	0.8	0.8	2.3	2.3	3.1
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: P634348
 CATALOG NUMBER: GWS-SA3B-750-U-SL3-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9	2729.9
2.5°	2712.3	2689.4	2684.1	2682.6	2661.2	2638.3	2614.7	2605.5	2591.8	2583.4	2590.3
5°	2661.2	2628.4	2599.4	2572.7	2525.4	2473.6	2428.6	2399.6	2372.1	2353.8	2358.4
7.5°	2588.7	2546.0	2479.7	2411.8	2324.8	2247.0	2160.1	2106.7	2057.1	2029.7	2042.6
10°	2511.7	2455.3	2349.2	2234.1	2097.5	1975.5	1851.2	1749.7	1691.0	1635.3	1641.4
12.5°	2436.2	2361.4	2202.8	2028.1	1855.7	1675.7	1488.1	1347.8	1251.7	1182.2	1171.6
15°	2366.0	2269.9	2060.2	1829.8	1594.9	1355.4	1115.9	915.3	803.9	735.3	730.7
17.5°	2303.5	2184.5	1912.2	1622.4	1327.9	1021.3	746.0	595.7	531.6	501.9	498.8
20°	2243.2	2098.3	1761.2	1411.8	1036.6	717.0	514.9	445.4	424.8	412.6	414.2
22.5°	2185.3	2004.5	1602.5	1178.4	777.2	503.4	398.9	372.2	369.9	371.5	372.2
25°	2136.4	1918.3	1439.3	953.4	554.5	383.7	333.3	325.7	332.6	342.5	344.0
27.5°	2111.3	1848.1	1279.9	726.9	401.2	312.0	289.1	292.1	304.3	315.0	316.5
30°	2118.1	1795.5	1115.1	527.1	308.9	263.1	255.5	261.6	273.8	283.7	285.3
32.5°	2166.9	1768.8	946.6	383.7	254.0	229.6	226.5	231.1	241.8	249.4	250.2
35°	2263.8	1774.9	786.4	293.7	218.1	204.4	203.7	206.7	212.0	217.4	218.1
37.5°	2406.4	1824.5	628.5	244.1	197.5	187.6	184.6	184.6	188.4	190.7	192.2
40°	2559.8	1899.2	503.4	215.9	183.1	172.4	166.3	164.0	167.0	170.1	170.9
42.5°	2686.4	1974.0	408.8	196.0	171.6	157.1	149.5	148.0	151.8	157.1	158.7
45°	2783.2	2031.9	340.9	180.0	158.7	142.6	134.2	134.2	141.1	150.3	151.8
47.5°	2871.7	2078.5	290.6	165.5	146.4	129.7	121.3	122.8	134.2	146.4	148.7
50°	2932.0	2115.8	253.2	152.5	136.5	119.0	111.4	114.4	128.1	142.6	144.9
52.5°	2996.8	2161.6	228.8	141.1	127.4	110.6	103.7	106.0	121.3	137.3	140.3
55°	3176.1	2314.9	228.1	125.9	111.4	99.2	96.1	96.9	112.1	130.4	134.2
57.5°	3322.5	2449.9	243.3	106.0	93.1	87.0	85.4	86.2	99.9	120.5	125.1
60°	2748.9	1903.8	201.4	87.7	77.8	76.3	74.0	75.5	88.5	106.8	110.6
62.5°	1626.9	1088.4	96.1	67.1	66.4	64.8	62.5	65.6	77.8	93.8	96.1
65°	556.0	322.6	61.0	54.9	56.4	54.2	51.9	54.9	65.6	74.7	75.5
67.5°	106.8	85.4	48.8	45.8	46.5	42.0	41.2	44.2	50.3	51.9	51.1
70°	55.7	49.6	37.4	37.4	35.8	29.7	29.7	32.8	32.8	30.5	29.7
72.5°	29.0	27.5	24.4	27.5	22.9	18.3	18.3	19.8	18.3	15.3	15.3
75°	11.4	11.4	10.7	13.7	9.9	8.4	7.6	9.2	6.9	5.3	5.3
77.5°	3.1	3.1	3.1	3.8	2.3	2.3	1.5	1.5	0.8	0.0	0.0
80°	0.0	0.8	0.0	0.8	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)