

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: P629131

Luminaire Tested: GWS-SA1B-722-U-SLL-W-GRSBK

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P629131  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-38)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA1B-722-U-SLL-W-GRSBK  
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

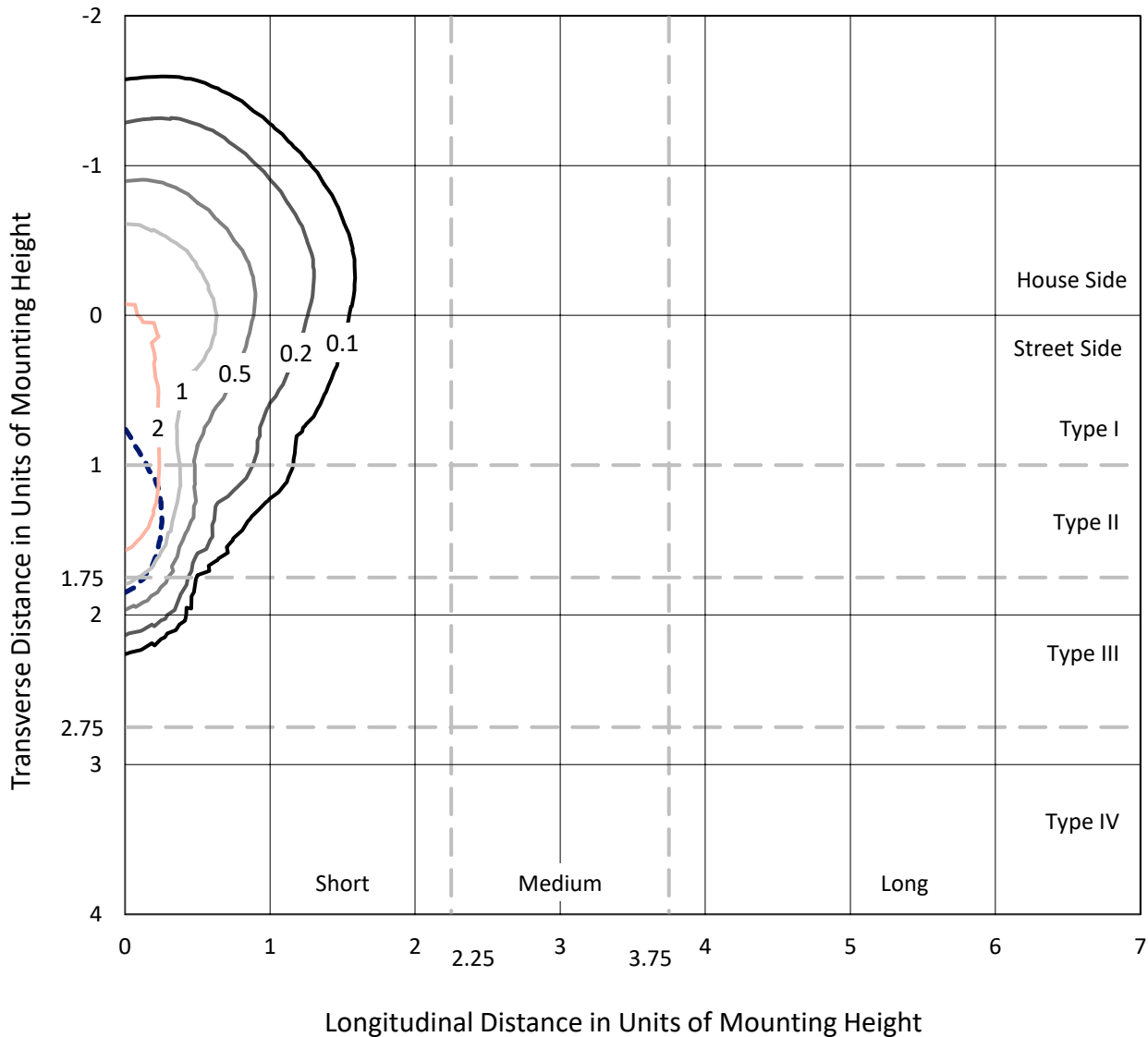
Lumens per Lamp: N/A  
Luminaire Lumens: 1415.6 lumens  
Efficiency: N/A  
Efficacy: 56.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G0  
  
Input Watts (W): 25  
Input Voltage (V): 120  
Input Current (Ain): NR  
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: P629131  
 CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

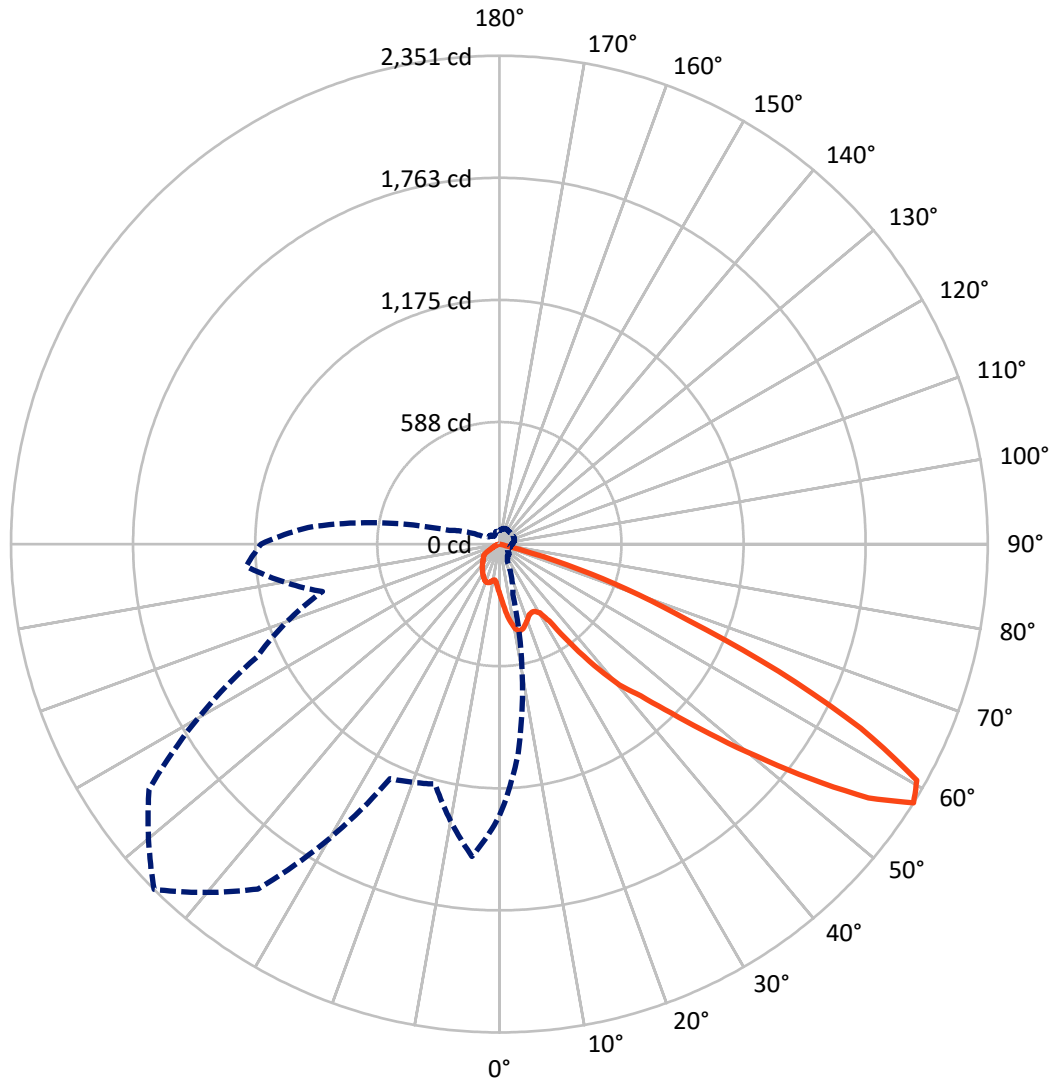
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.8 fc  
 Type III - Short - N/A

REPORT NUMBER: P629131  
CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P629131  
 CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

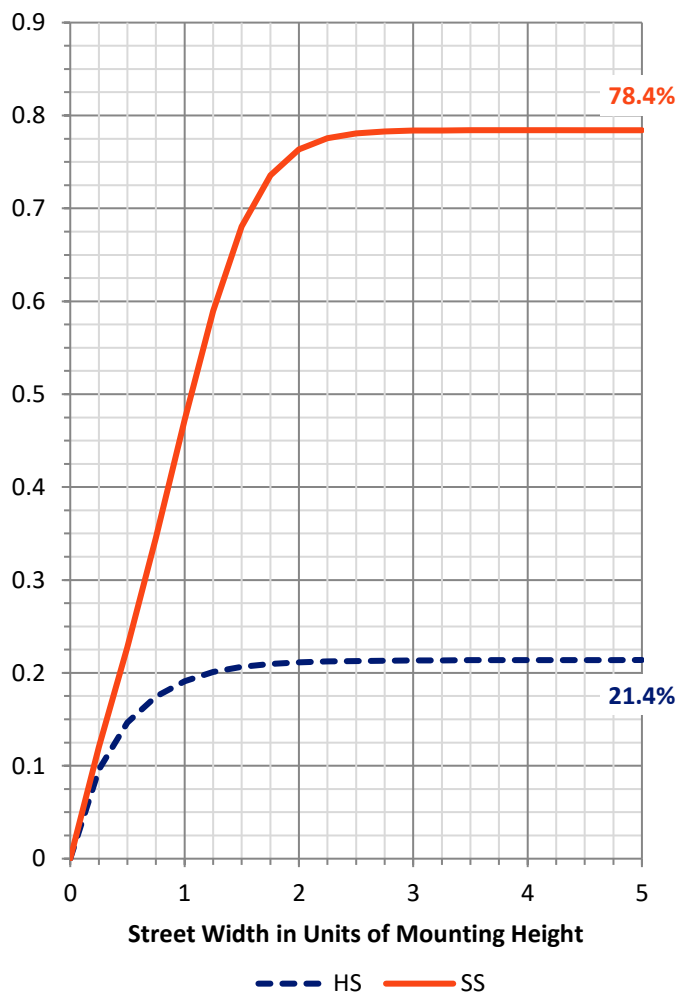
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	305.0	0.0	305.0
	% Fixture	21.5	0.0	21.5
<b>Street Side</b>	Lumens	1110.6	0.0	1110.6
	% Fixture	78.5	0.0	78.5
<b>Total</b>	Lumens	1415.6	0.0	1415.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.8	1.7
10°-20°	78.2	5.5
20°-30°	127.0	9.0
30°-40°	194.8	13.8
40°-50°	311.2	22.0
50°-60°	435.7	30.8
60°-70°	223.4	15.8
70°-80°	21.5	1.5
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°	1415.6	100.0
0°-180°	1415.6	100.0

**Coefficient of Utilization**



REPORT NUMBER: P629131

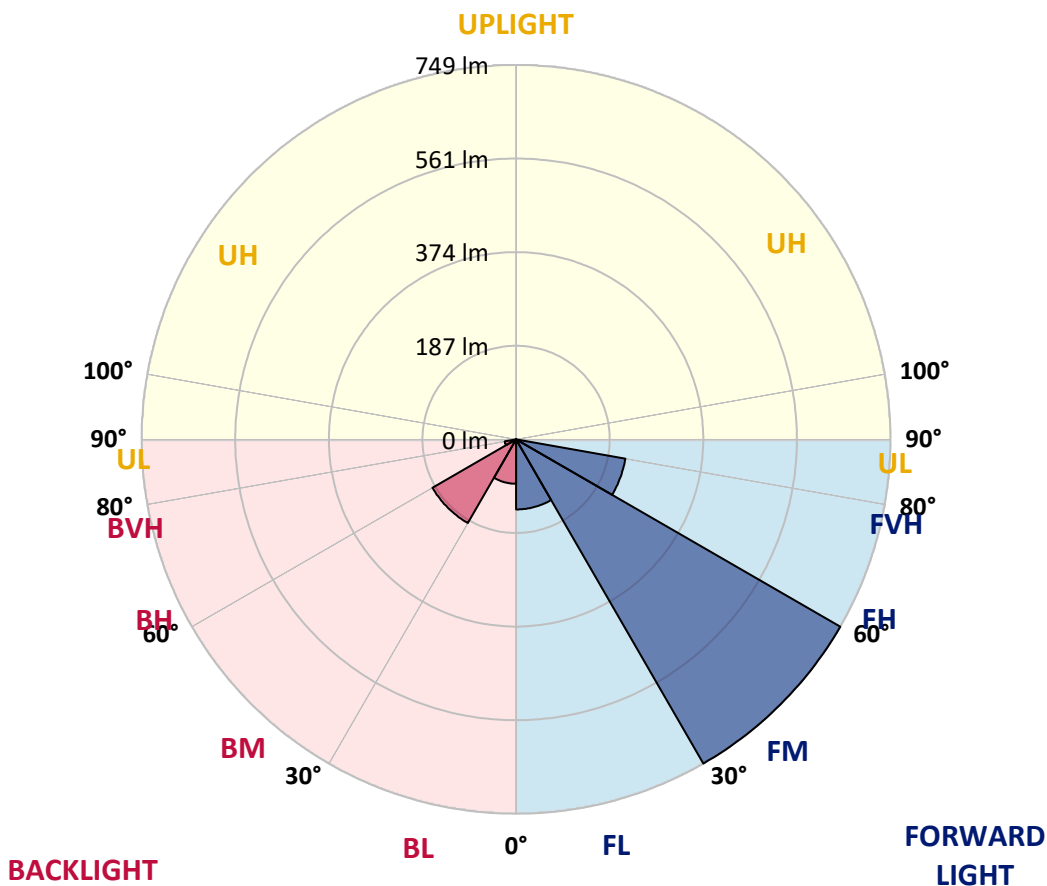
CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	140.2	9.9			
FM (30°-60°)	748.6	52.9			
FH (60°-80°)	221.9	15.7			G0/660
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	88.8	6.3	B0/110		
BM (30°-60°)	193.1	13.6	B0/220		
BH (60°-80°)	23.0	1.6	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: B0-U0-G0**

Type III Short





REPORT NUMBER: P629131  
 CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5
2.5°	267.2	266.6	264.8	258.3	254.3	248.1	243.6	237.7	231.3	227.3	223.3
5°	295.6	294.1	289.0	274.2	262.9	250.6	240.7	229.9	218.4	210.8	203.8
7.5°	322.9	320.6	313.8	288.8	271.6	254.0	240.0	224.3	208.0	196.6	187.9
10°	349.5	344.4	333.6	303.0	279.7	258.5	242.0	224.1	205.0	190.6	180.9
12.5°	371.5	367.7	352.9	316.4	286.5	259.5	239.2	222.6	209.7	200.0	191.1
15°	390.4	386.3	372.2	328.5	292.4	255.7	227.3	212.7	214.8	218.6	211.0
17.5°	407.8	403.5	388.3	338.6	294.7	246.4	210.6	203.6	215.2	229.4	226.5
20°	425.8	420.9	402.3	346.7	293.9	231.8	193.8	195.9	212.1	228.4	229.9
22.5°	446.8	441.7	420.1	357.1	293.3	214.4	179.2	189.1	206.5	220.3	222.9
25°	474.6	468.6	444.9	372.4	294.8	198.5	168.8	182.4	196.8	209.3	210.8
27.5°	511.3	503.6	473.5	391.4	298.1	186.0	164.3	173.3	184.5	195.7	197.0
30°	559.2	549.4	506.2	407.8	296.5	177.3	161.2	164.3	170.9	180.0	180.2
32.5°	615.2	601.8	542.9	422.0	283.5	170.9	157.1	155.0	156.5	163.5	164.8
35°	681.1	663.7	583.4	435.5	259.6	158.4	149.5	142.5	141.9	145.3	148.6
37.5°	756.6	735.8	634.5	452.7	231.4	145.3	138.3	131.3	128.3	130.0	134.9
40°	826.2	803.2	687.9	473.5	202.7	133.6	125.3	118.1	114.5	115.1	121.1
42.5°	908.0	884.2	753.2	500.7	178.8	125.7	111.7	104.3	99.5	102.2	109.2
45°	1032.1	1005.1	848.4	524.4	159.9	123.8	99.7	89.3	87.1	91.6	99.9
47.5°	1201.7	1168.6	979.2	538.8	143.8	125.5	91.4	77.2	77.8	82.9	91.2
50°	1370.0	1334.2	1130.4	519.9	130.6	122.1	87.2	67.7	71.3	75.9	83.5
52.5°	1485.6	1439.0	1204.0	465.2	118.5	109.2	86.9	58.9	65.7	67.2	73.6
55°	1490.1	1432.8	1166.3	366.8	102.0	92.2	82.9	51.5	59.4	60.0	65.5
57.5°	1306.2	1254.3	1019.3	251.9	90.6	67.6	66.0	45.0	48.8	53.6	57.0
60°	993.7	949.6	762.3	115.4	68.9	43.0	45.2	38.8	36.5	43.5	46.9
62.5°	608.6	580.4	457.2	51.1	43.9	22.9	27.4	30.8	27.4	30.1	32.9
65°	241.7	229.2	173.5	21.8	18.0	11.5	12.5	18.0	19.3	21.2	23.8
67.5°	42.0	39.7	29.1	9.7	7.4	7.0	6.1	8.3	11.7	13.1	15.1
70°	5.5	5.3	4.7	4.0	3.8	3.4	2.6	5.3	7.9	8.3	9.7
72.5°	1.3	1.1	1.1	0.9	1.1	0.4	0.4	2.8	5.7	5.9	6.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.6	4.0	4.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
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: P629131

CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5
2.5°	220.1	216.3	215.0	213.1	210.6	211.4	208.0	206.8	208.5	210.8	210.3
5°	200.0	195.9	193.0	188.7	187.9	186.2	185.1	183.6	185.5	188.1	188.7
7.5°	184.1	180.5	177.7	176.4	175.4	174.7	172.4	171.3	171.3	172.4	173.3
10°	177.3	174.7	174.1	174.5	176.0	175.8	173.7	172.2	170.3	169.4	170.5
12.5°	186.8	182.4	181.7	181.9	183.8	183.6	181.3	179.4	179.0	179.4	183.0
15°	202.9	196.2	191.3	190.4	191.3	190.9	189.2	188.1	188.7	194.2	200.2
17.5°	217.3	207.0	198.1	194.7	194.5	194.0	192.3	191.9	194.7	205.0	213.8
20°	221.4	211.4	198.7	194.4	193.4	192.8	190.9	191.5	195.1	207.4	215.0
22.5°	215.9	206.3	193.0	188.7	187.9	187.7	185.8	186.6	189.6	200.4	206.7
25°	205.5	197.4	183.6	179.8	179.8	179.4	177.7	178.1	180.0	189.4	195.5
27.5°	192.8	185.1	173.5	169.8	170.3	170.9	168.8	168.2	169.8	178.6	182.2
30°	178.3	172.8	163.7	160.3	160.1	162.4	159.5	158.8	160.9	167.9	168.6
32.5°	164.1	161.4	155.0	152.3	152.5	152.9	151.4	151.4	153.3	157.1	156.9
35°	150.3	148.6	147.4	145.5	145.3	144.6	144.6	145.0	147.0	148.4	145.9
37.5°	137.0	138.7	140.0	138.1	136.6	136.6	136.6	138.3	140.2	139.7	135.5
40°	125.3	128.9	133.0	131.0	127.4	127.2	127.9	130.8	133.6	130.2	126.4
42.5°	115.3	119.8	125.7	124.5	120.5	120.0	120.5	124.1	126.4	122.1	117.9
45°	105.4	111.1	118.1	118.1	113.7	113.2	113.4	118.1	119.4	114.3	109.0
47.5°	97.1	103.3	110.7	110.7	107.1	106.0	106.9	111.8	112.8	105.6	100.7
50°	89.1	95.9	104.1	103.5	101.1	100.1	101.8	107.1	106.0	98.0	92.9
52.5°	79.1	86.3	97.5	98.0	96.7	96.9	99.0	102.4	99.2	89.5	85.2
55°	70.0	77.4	88.6	91.6	91.6	91.4	92.4	95.0	92.4	80.8	75.5
57.5°	60.2	66.4	75.7	76.5	77.0	74.9	76.3	79.9	78.5	68.7	65.7
60°	49.4	54.7	60.0	60.6	58.1	53.7	56.2	60.4	61.3	53.9	50.5
62.5°	35.0	40.1	46.4	46.4	43.9	39.6	42.8	46.4	45.0	37.5	35.4
65°	26.1	30.8	35.6	37.7	35.6	32.6	35.0	37.7	35.6	29.3	26.3
67.5°	16.8	20.1	22.9	24.6	25.0	24.6	25.7	25.0	22.5	18.4	16.7
70°	10.2	11.9	13.4	15.0	16.1	16.7	17.2	15.5	13.1	10.8	10.2
72.5°	7.4	8.9	10.2	11.4	12.7	13.1	13.1	11.9	9.7	7.6	7.0
75°	5.1	6.4	7.6	8.3	9.5	9.8	9.8	8.9	7.2	5.5	4.9
77.5°	0.2	1.3	1.3	1.1	1.5	1.9	1.9	2.3	2.1	1.5	1.3
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: P629131  
 CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5
2.5°	211.4	218.2	220.1	227.1	233.3	239.6	247.2	251.7	258.5	263.2	265.9
5°	190.6	196.2	203.1	213.5	224.3	236.2	250.6	263.1	278.8	290.3	294.1
7.5°	175.4	182.8	190.8	203.8	218.6	234.5	254.7	275.2	299.2	314.9	324.9
10°	172.6	180.2	190.8	203.6	219.1	237.3	262.1	288.6	318.7	337.8	349.2
12.5°	186.2	194.4	198.9	204.8	216.5	236.7	268.5	302.2	337.6	358.4	370.5
15°	206.3	213.5	206.1	198.7	206.3	230.7	272.1	313.6	354.3	378.3	390.8
17.5°	220.1	220.7	204.6	188.9	190.9	219.7	273.5	324.9	372.1	397.2	410.3
20°	218.8	214.2	198.0	180.5	174.1	205.5	271.9	335.0	390.0	416.3	429.2
22.5°	208.5	203.2	189.4	172.4	159.9	188.7	269.3	344.0	406.5	436.4	448.5
25°	196.2	190.6	179.2	164.3	150.8	172.4	267.2	356.5	427.3	462.5	472.0
27.5°	181.9	176.9	167.3	156.5	147.0	160.1	266.6	373.0	452.5	494.3	500.9
30°	167.9	163.3	155.7	149.5	145.5	152.9	264.8	390.6	482.6	530.8	538.0
32.5°	154.4	149.9	145.2	144.2	144.4	150.3	258.3	408.0	518.3	583.8	589.1
35°	142.9	137.6	135.7	138.0	142.1	145.7	240.2	422.4	556.8	641.5	645.9
37.5°	131.9	126.6	126.4	131.9	136.4	138.7	218.8	436.6	608.6	700.2	705.7
40°	121.9	116.6	118.5	125.1	128.7	129.8	192.8	458.2	663.5	762.1	759.1
42.5°	113.4	107.9	109.0	117.5	120.7	123.8	169.0	476.1	716.3	820.8	819.8
45°	105.0	100.9	100.1	109.4	112.2	124.3	151.6	490.0	784.2	895.5	897.0
47.5°	96.9	93.7	93.9	97.8	104.8	127.2	136.8	499.0	882.8	1014.0	987.7
50°	89.5	87.1	89.1	84.6	100.1	123.6	124.1	497.1	993.0	1127.5	1074.7
52.5°	81.4	80.8	81.8	70.8	92.5	109.0	112.2	472.0	1044.6	1205.1	1175.0
55°	73.0	72.9	65.3	56.6	77.4	87.1	96.1	393.8	1042.9	1246.4	1282.9
57.5°	63.2	61.7	49.6	46.2	60.2	60.6	87.6	257.9	924.3	1147.6	1223.3
60°	47.9	46.7	36.3	37.5	42.0	38.8	69.8	128.5	690.7	894.0	979.3
62.5°	33.1	31.6	27.1	29.0	27.1	22.1	42.8	63.6	418.4	564.5	641.9
65°	24.2	22.5	18.5	15.9	12.7	12.7	16.3	24.4	162.0	240.0	289.4
67.5°	15.0	14.2	11.0	7.9	7.8	8.3	8.5	12.1	26.1	41.6	50.9
70°	9.7	8.9	7.4	5.1	4.7	4.9	5.1	5.7	6.6	7.2	8.7
72.5°	6.6	6.2	5.3	2.8	2.3	2.5	2.6	2.6	3.2	3.0	3.6
75°	4.7	4.4	3.8	1.3	0.8	0.9	1.1	0.9	1.1	0.8	0.9
77.5°	1.3	1.3	0.9	0.2	0.0	0.2	0.4	0.4	0.2	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	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: P629131

CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSBK

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5	240.5
2.5°	272.7	277.1	278.8	276.3	278.4	275.0	273.6	268.5	268.2	267.2
5°	309.4	319.3	325.1	328.7	324.6	320.0	313.2	301.5	297.9	295.6
7.5°	345.6	360.9	370.9	375.7	374.5	365.2	352.9	333.3	326.3	322.9
10°	377.0	395.7	407.8	413.7	411.2	403.1	385.5	360.9	351.6	349.5
12.5°	398.9	416.2	424.5	429.6	429.8	426.6	409.9	385.1	374.1	371.5
15°	412.7	420.1	420.3	423.3	428.6	435.8	428.1	406.1	394.4	390.4
17.5°	421.5	413.3	405.0	405.7	414.4	433.6	441.5	424.7	412.2	407.8
20°	427.7	402.0	386.4	386.6	395.5	424.5	450.8	442.6	429.8	425.8
22.5°	431.7	391.9	369.8	369.2	378.7	413.7	459.3	464.0	451.4	446.8
25°	439.8	387.2	359.8	363.0	371.3	410.3	470.8	492.4	480.7	474.6
27.5°	454.4	391.9	358.8	366.2	375.7	420.3	490.9	530.3	518.2	511.3
30°	479.5	409.7	373.4	383.6	395.0	446.6	524.6	583.1	565.7	559.2
32.5°	520.0	446.6	418.4	440.4	451.4	489.8	575.1	642.3	628.1	615.2
35°	575.9	530.8	527.6	578.7	576.1	571.5	637.2	715.0	693.6	681.1
37.5°	652.7	666.3	690.2	740.9	739.2	704.6	718.8	783.7	772.7	756.6
40°	748.7	777.6	818.1	890.8	868.1	824.5	818.9	854.1	845.2	826.2
42.5°	805.2	855.2	932.4	997.7	979.5	903.5	897.0	948.1	928.6	908.0
45°	831.5	918.4	1069.8	1158.2	1103.1	955.9	953.4	1070.8	1059.8	1032.1
47.5°	843.7	982.2	1230.7	1364.5	1261.5	1001.9	993.0	1248.6	1234.3	1201.7
50°	857.1	1070.2	1424.5	1603.5	1452.8	1053.9	1060.3	1414.4	1408.4	1370.0
52.5°	886.6	1163.3	1663.1	1876.8	1684.9	1135.5	1176.0	1570.7	1529.9	1485.6
55°	930.9	1264.7	1911.4	2155.9	1921.6	1245.0	1301.1	1653.8	1539.1	1490.1
57.5°	881.9	1290.1	2058.4	2350.8	2026.6	1245.4	1195.3	1509.8	1353.7	1306.2
60°	699.8	1200.2	2001.8	2308.6	1937.1	1106.0	915.2	1178.8	1025.5	993.7
62.5°	473.1	1006.6	1762.3	1952.4	1658.0	870.0	594.8	766.6	634.9	608.6
65°	259.3	750.9	1423.9	1477.1	1297.7	607.7	306.0	332.7	253.4	241.7
67.5°	71.5	522.7	1047.7	979.9	910.5	395.7	79.1	59.4	42.4	42.0
70°	18.0	345.8	627.7	647.0	558.3	253.4	15.1	7.2	5.7	5.5
72.5°	7.6	148.7	297.9	342.3	285.8	117.3	5.5	2.1	1.7	1.3
75°	0.9	11.9	25.4	38.4	26.3	12.7	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	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
85°	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
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)