

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P1067693

Luminaire Tested: **NAV-SA5A-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067693
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5A-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12803.3 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

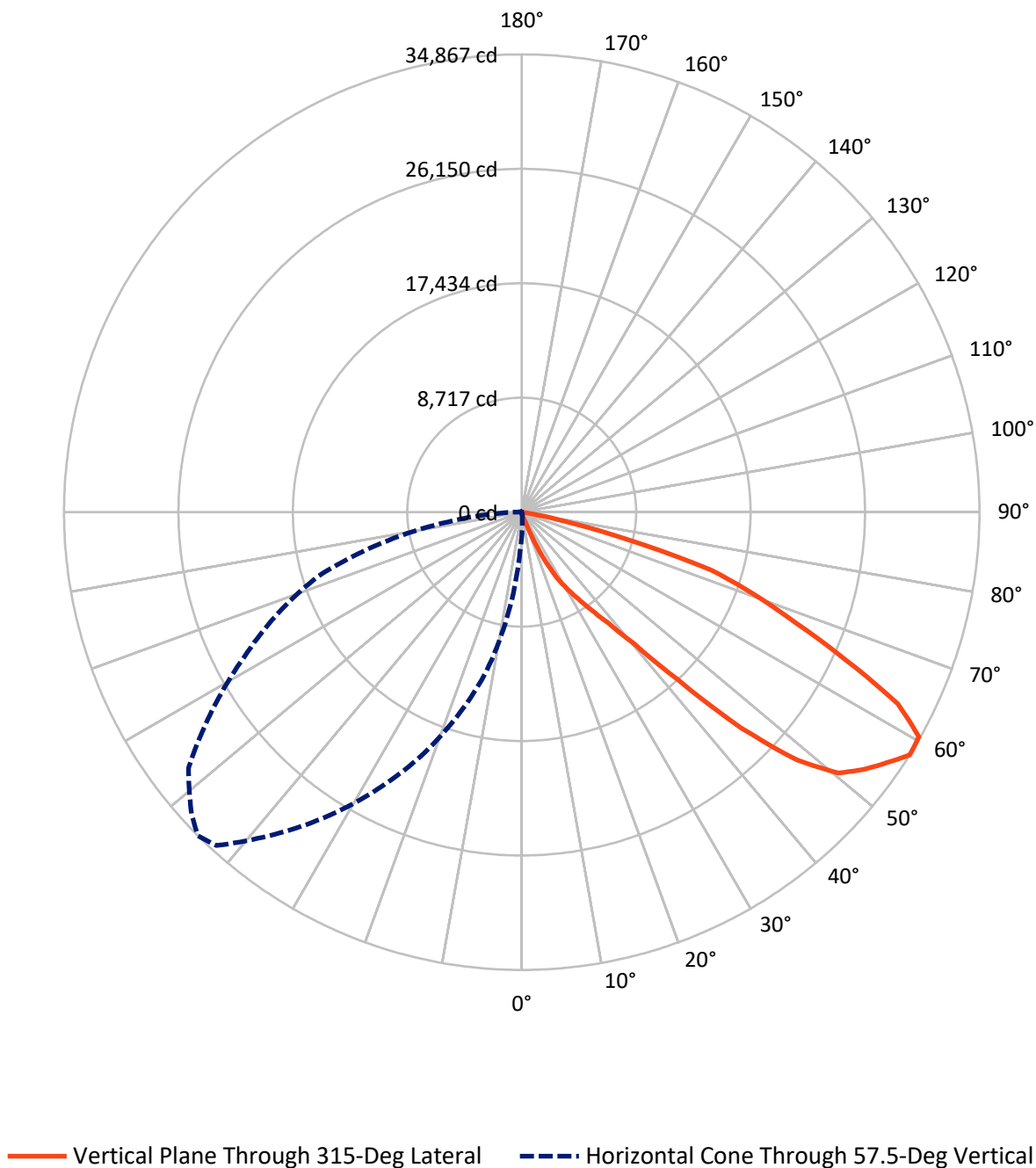
Input Watts (W): 137.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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CATALOG NUMBER: NAV-SA5A-727-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	76.1	0.0	76.1
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	12727.2	0.0	12727.2
	% Fixture	99.4	0.0	99.4
Total	Lumens	12803.3	0.0	12803.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.0
10°-20°	18.8	0.1
20°-30°	239.0	1.9
30°-40°	805.4	6.3
40°-50°	2432.2	19.0
50°-60°	4291.2	33.5
60°-70°	3780.6	29.5
70°-80°	1203.4	9.4
80°-90°	29.0	0.2
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°	12803.3	100.0
0°-180°	12803.3	100.0



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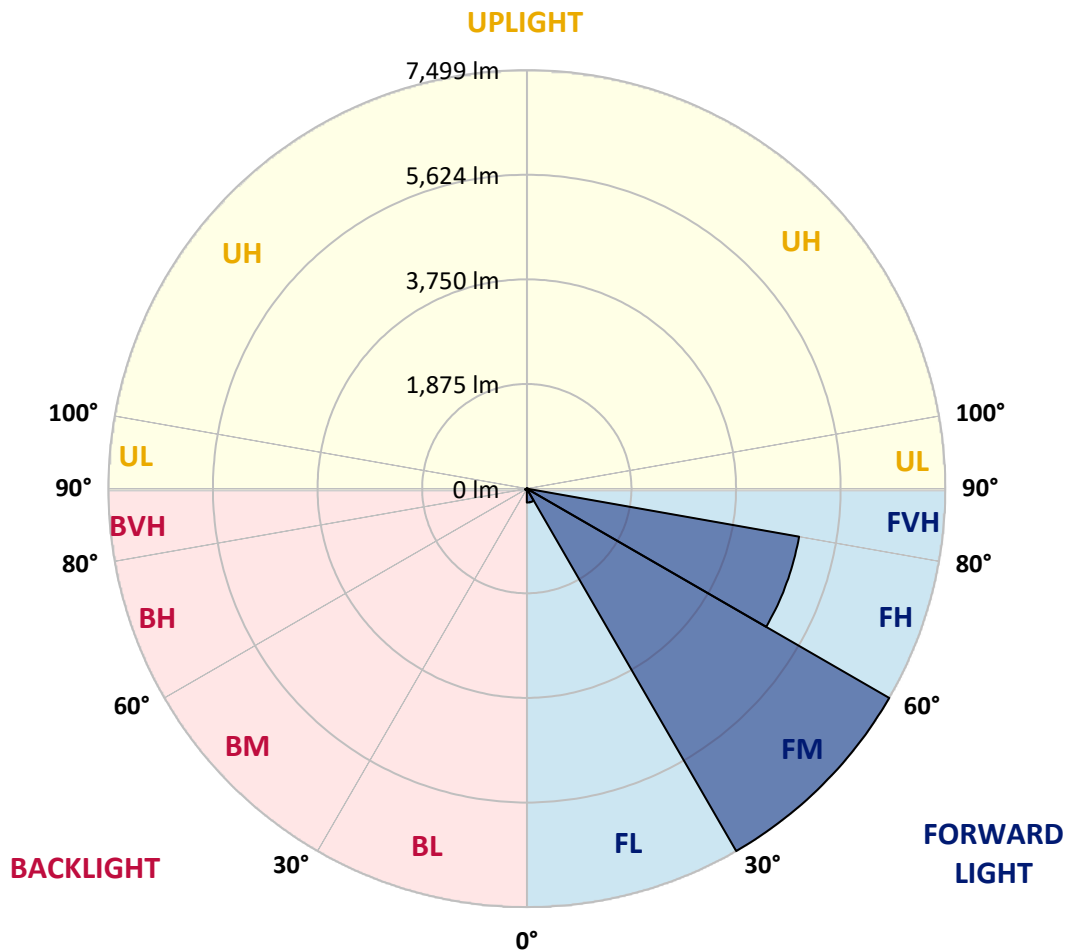
CATALOG NUMBER: NAV-SA5A-727-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	250.1	2.0			
FM	(30°-60°)	7499.3	58.6			
FH	(60°-80°)	4954.2	38.7			G2/5000
FVH	(80°-90°)	23.6	0.2			G1/100
BL	(0°-30°)	11.4	0.1	B0/110		
BM	(30°-60°)	29.5	0.2	B0/220		
BH	(60°-80°)	29.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	28.1
5°	40.2	40.2	40.2	36.1	36.1	36.1	32.1	32.1	32.1	32.1	32.1
7.5°	48.2	44.2	44.2	40.2	40.2	40.2	36.1	36.1	36.1	36.1	32.1
10°	56.2	52.2	52.2	48.2	48.2	44.2	44.2	40.2	40.2	36.1	36.1
12.5°	64.2	60.2	56.2	52.2	52.2	48.2	48.2	44.2	44.2	40.2	40.2
15°	72.3	68.3	64.2	60.2	56.2	56.2	52.2	48.2	44.2	44.2	40.2
17.5°	84.3	76.3	72.3	64.2	60.2	56.2	52.2	48.2	48.2	44.2	44.2
20°	88.3	80.3	76.3	68.3	64.2	60.2	56.2	52.2	48.2	48.2	44.2
22.5°	104.4	88.3	84.3	76.3	72.3	68.3	60.2	56.2	52.2	48.2	44.2
25°	128.5	104.4	92.3	80.3	76.3	68.3	64.2	56.2	52.2	48.2	44.2
27.5°	156.6	116.4	104.4	88.3	80.3	72.3	64.2	56.2	52.2	48.2	44.2
30°	192.7	136.5	116.4	96.4	88.3	80.3	68.3	60.2	56.2	52.2	44.2
32.5°	269.0	168.6	136.5	104.4	92.3	84.3	72.3	60.2	56.2	52.2	44.2
35°	325.2	204.8	164.6	120.5	104.4	92.3	76.3	60.2	56.2	52.2	44.2
37.5°	377.4	208.8	168.6	128.5	112.4	96.4	76.3	60.2	56.2	52.2	44.2
40°	461.7	216.8	168.6	120.5	108.4	92.3	80.3	64.2	60.2	52.2	48.2
42.5°	622.3	248.9	180.7	112.4	100.4	92.3	80.3	68.3	60.2	56.2	48.2
45°	1035.9	369.4	244.9	116.4	104.4	92.3	80.3	68.3	64.2	56.2	52.2
47.5°	1762.6	642.4	381.4	120.5	108.4	92.3	80.3	64.2	60.2	56.2	48.2
50°	2256.5	823.1	481.8	140.5	120.5	104.4	84.3	64.2	60.2	56.2	52.2
52.5°	2397.0	875.3	522.0	164.6	140.5	116.4	88.3	64.2	60.2	60.2	56.2
55°	2196.3	851.2	522.0	192.7	160.6	132.5	100.4	68.3	64.2	64.2	60.2
57.5°	1867.0	787.0	497.9	208.8	176.7	140.5	108.4	72.3	68.3	68.3	64.2
60°	1537.8	662.5	449.7	232.9	196.7	160.6	124.5	88.3	84.3	80.3	72.3
62.5°	1220.6	534.0	393.5	248.9	212.8	172.7	136.5	96.4	92.3	88.3	84.3
65°	919.5	465.8	365.4	261.0	220.8	180.7	140.5	100.4	96.4	96.4	92.3
67.5°	706.7	425.6	349.3	269.0	228.9	188.7	148.6	108.4	104.4	100.4	96.4
70°	558.1	393.5	329.2	265.0	228.9	192.7	152.6	116.4	108.4	104.4	96.4
72.5°	465.8	357.3	305.1	253.0	224.8	196.7	168.6	140.5	124.5	112.4	96.4
75°	389.5	321.2	277.0	228.9	208.8	192.7	172.7	152.6	132.5	112.4	92.3
77.5°	257.0	232.9	212.8	192.7	180.7	168.6	152.6	140.5	120.5	104.4	84.3
80°	108.4	100.4	104.4	104.4	104.4	104.4	100.4	100.4	88.3	76.3	60.2
82.5°	24.1	20.1	24.1	24.1	24.1	24.1	20.1	20.1	20.1	16.1	16.1
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
5°	32.1	32.1	32.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
7.5°	32.1	32.1	32.1	28.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
10°	32.1	32.1	32.1	28.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
12.5°	36.1	36.1	32.1	32.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
15°	36.1	36.1	32.1	32.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
17.5°	40.2	36.1	36.1	32.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
20°	40.2	36.1	36.1	32.1	28.1	28.1	28.1	24.1	24.1	24.1	24.1
22.5°	40.2	36.1	36.1	32.1	28.1	28.1	24.1	24.1	20.1	20.1	16.1
25°	40.2	36.1	36.1	32.1	28.1	28.1	24.1	24.1	20.1	16.1	16.1
27.5°	40.2	36.1	36.1	32.1	28.1	24.1	24.1	20.1	16.1	12.0	12.0
30°	40.2	36.1	36.1	32.1	28.1	24.1	20.1	16.1	12.0	12.0	8.0
32.5°	40.2	36.1	32.1	28.1	24.1	20.1	20.1	16.1	12.0	8.0	8.0
35°	40.2	36.1	32.1	28.1	24.1	20.1	20.1	16.1	12.0	8.0	8.0
37.5°	40.2	36.1	32.1	28.1	24.1	20.1	16.1	12.0	8.0	8.0	4.0
40°	40.2	36.1	32.1	28.1	24.1	20.1	16.1	12.0	8.0	8.0	4.0
42.5°	40.2	36.1	32.1	28.1	24.1	20.1	16.1	12.0	8.0	8.0	4.0
45°	44.2	40.2	36.1	28.1	24.1	20.1	20.1	16.1	12.0	8.0	8.0
47.5°	44.2	40.2	36.1	28.1	24.1	20.1	20.1	16.1	12.0	8.0	8.0
50°	48.2	44.2	40.2	32.1	28.1	24.1	20.1	12.0	8.0	8.0	4.0
52.5°	52.2	48.2	44.2	40.2	36.1	28.1	20.1	12.0	4.0	4.0	4.0
55°	56.2	52.2	52.2	48.2	44.2	32.1	24.1	12.0	0.0	0.0	0.0
57.5°	60.2	56.2	56.2	52.2	48.2	36.1	24.1	12.0	0.0	0.0	0.0
60°	68.3	64.2	60.2	52.2	48.2	36.1	24.1	12.0	0.0	0.0	0.0
62.5°	80.3	72.3	60.2	52.2	40.2	32.1	20.1	12.0	0.0	0.0	0.0
65°	88.3	76.3	64.2	48.2	36.1	28.1	20.1	8.0	0.0	0.0	0.0
67.5°	92.3	76.3	64.2	48.2	32.1	24.1	16.1	8.0	0.0	0.0	0.0
70°	88.3	72.3	60.2	44.2	28.1	20.1	16.1	8.0	0.0	0.0	0.0
72.5°	80.3	68.3	52.2	40.2	24.1	20.1	12.0	8.0	0.0	0.0	0.0
75°	72.3	60.2	44.2	32.1	16.1	12.0	8.0	4.0	0.0	0.0	0.0
77.5°	64.2	52.2	36.1	24.1	8.0	8.0	4.0	4.0	0.0	0.0	0.0
80°	48.2	36.1	24.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.0	8.0	8.0	4.0	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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
5°	24.1	24.1	24.1	24.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
7.5°	24.1	24.1	24.1	24.1	20.1	20.1	20.1	20.1	16.1	16.1	16.1
10°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	16.1	16.1	16.1
12.5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	16.1	16.1	16.1
15°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	16.1	16.1	12.0	12.0
17.5°	20.1	20.1	20.1	20.1	16.1	16.1	16.1	12.0	12.0	8.0	8.0
20°	20.1	20.1	20.1	16.1	16.1	12.0	12.0	8.0	8.0	4.0	4.0
22.5°	16.1	12.0	12.0	8.0	8.0	4.0	4.0	4.0	0.0	0.0	0.0
25°	12.0	8.0	8.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	8.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	8.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	24.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
5°	20.1	20.1	20.1	20.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
7.5°	16.1	16.1	16.1	16.1	16.1	16.1	12.0	12.0	12.0	12.0	12.0
10°	16.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	8.0	8.0
12.5°	16.1	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0	4.0	4.0
15°	12.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
17.5°	8.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	24.1	24.1
5°	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
7.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
10°	8.0	8.0	8.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	4.0
12.5°	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	24.1	24.1	24.1	24.1	24.1	28.1	28.1	32.1	32.1	36.1	36.1
5°	16.1	16.1	20.1	20.1	20.1	20.1	24.1	24.1	24.1	28.1	28.1
7.5°	12.0	12.0	12.0	12.0	12.0	16.1	16.1	20.1	20.1	24.1	24.1
10°	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0	16.1	20.1
12.5°	0.0	0.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0	12.0	16.1
15°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	8.0	12.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	40.2	40.2	44.2	44.2	48.2	48.2	52.2	52.2	52.2	52.2	52.2
5°	32.1	32.1	36.1	40.2	40.2	44.2	48.2	48.2	48.2	48.2	48.2
7.5°	28.1	28.1	32.1	36.1	36.1	40.2	44.2	44.2	48.2	48.2	48.2
10°	20.1	24.1	28.1	32.1	32.1	36.1	40.2	40.2	44.2	44.2	44.2
12.5°	16.1	20.1	24.1	28.1	28.1	32.1	36.1	36.1	40.2	40.2	44.2
15°	12.0	16.1	20.1	24.1	24.1	28.1	32.1	32.1	36.1	40.2	44.2
17.5°	8.0	12.0	16.1	20.1	20.1	24.1	28.1	32.1	36.1	36.1	40.2
20°	8.0	8.0	12.0	16.1	16.1	20.1	24.1	28.1	32.1	32.1	36.1
22.5°	4.0	4.0	8.0	12.0	12.0	16.1	20.1	24.1	28.1	28.1	32.1
25°	0.0	0.0	4.0	8.0	8.0	12.0	16.1	16.1	20.1	20.1	24.1
27.5°	0.0	0.0	4.0	4.0	8.0	8.0	12.0	12.0	16.1	16.1	20.1
30°	0.0	0.0	4.0	4.0	8.0	8.0	12.0	12.0	16.1	16.1	16.1
32.5°	0.0	0.0	0.0	4.0	4.0	4.0	8.0	8.0	12.0	12.0	16.1
35°	0.0	0.0	0.0	4.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0
37.5°	0.0	0.0	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	8.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	52.2	52.2
5°	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	48.2	48.2
7.5°	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	48.2	48.2
10°	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
12.5°	44.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
15°	44.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
17.5°	40.2	44.2	44.2	44.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
20°	36.1	40.2	40.2	40.2	44.2	44.2	44.2	44.2	48.2	48.2	48.2
22.5°	32.1	36.1	36.1	36.1	40.2	40.2	40.2	40.2	44.2	44.2	44.2
25°	28.1	28.1	32.1	32.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
27.5°	20.1	24.1	24.1	24.1	28.1	28.1	28.1	28.1	32.1	32.1	32.1
30°	20.1	20.1	20.1	20.1	24.1	24.1	24.1	24.1	28.1	28.1	28.1
32.5°	16.1	20.1	20.1	20.1	24.1	24.1	24.1	24.1	28.1	28.1	28.1
35°	16.1	16.1	16.1	16.1	20.1	20.1	20.1	20.1	24.1	24.1	24.1
37.5°	12.0	16.1	16.1	16.1	20.1	20.1	20.1	20.1	24.1	24.1	24.1
40°	12.0	12.0	12.0	12.0	16.1	16.1	16.1	16.1	20.1	20.1	20.1
42.5°	12.0	12.0	12.0	12.0	16.1	16.1	16.1	16.1	20.1	20.1	20.1
45°	12.0	12.0	12.0	12.0	16.1	16.1	16.1	16.1	20.1	20.1	20.1
47.5°	12.0	12.0	12.0	12.0	16.1	16.1	16.1	16.1	20.1	20.1	20.1
50°	12.0	12.0	12.0	12.0	16.1	16.1	16.1	16.1	20.1	20.1	20.1
52.5°	8.0	8.0	8.0	8.0	12.0	12.0	12.0	12.0	16.1	16.1	16.1
55°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0
57.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0
60°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
62.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
65°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	4.0	4.0
67.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
72.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
77.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
80°	12.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0	8.0
82.5°	8.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0	8.0
85°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
87.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	52.2	52.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	52.2	52.2
5°	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	52.2	52.2
7.5°	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	52.2	52.2
10°	48.2	48.2	48.2	48.2	44.2	44.2	48.2	48.2	48.2	52.2	52.2
12.5°	48.2	48.2	48.2	48.2	44.2	44.2	48.2	48.2	52.2	52.2	56.2
15°	48.2	48.2	44.2	44.2	44.2	44.2	48.2	48.2	52.2	52.2	56.2
17.5°	48.2	48.2	44.2	44.2	44.2	44.2	48.2	48.2	52.2	52.2	56.2
20°	48.2	48.2	44.2	44.2	44.2	44.2	44.2	44.2	48.2	52.2	52.2
22.5°	44.2	44.2	44.2	44.2	40.2	40.2	44.2	44.2	48.2	52.2	52.2
25°	36.1	40.2	40.2	40.2	40.2	40.2	44.2	44.2	48.2	52.2	52.2
27.5°	32.1	36.1	36.1	36.1	36.1	40.2	40.2	44.2	48.2	52.2	52.2
30°	28.1	32.1	32.1	32.1	36.1	40.2	40.2	44.2	48.2	52.2	52.2
32.5°	28.1	32.1	32.1	32.1	36.1	36.1	40.2	40.2	44.2	48.2	52.2
35°	28.1	28.1	32.1	32.1	32.1	36.1	36.1	40.2	44.2	48.2	52.2
37.5°	28.1	28.1	32.1	32.1	32.1	36.1	36.1	40.2	44.2	48.2	52.2
40°	24.1	28.1	28.1	32.1	32.1	36.1	36.1	40.2	44.2	52.2	56.2
42.5°	24.1	24.1	28.1	28.1	32.1	36.1	36.1	40.2	44.2	52.2	56.2
45°	24.1	28.1	28.1	32.1	36.1	40.2	40.2	44.2	48.2	52.2	56.2
47.5°	24.1	28.1	28.1	32.1	40.2	40.2	44.2	44.2	48.2	52.2	56.2
50°	24.1	28.1	28.1	32.1	44.2	44.2	44.2	44.2	48.2	52.2	56.2
52.5°	20.1	24.1	24.1	28.1	36.1	40.2	44.2	48.2	52.2	56.2	60.2
55°	16.1	20.1	20.1	24.1	32.1	36.1	44.2	52.2	56.2	60.2	64.2
57.5°	16.1	16.1	20.1	20.1	28.1	36.1	48.2	56.2	60.2	64.2	68.3
60°	12.0	12.0	16.1	16.1	24.1	32.1	44.2	56.2	60.2	68.3	72.3
62.5°	8.0	12.0	12.0	16.1	20.1	32.1	44.2	56.2	64.2	72.3	76.3
65°	8.0	8.0	12.0	12.0	20.1	28.1	40.2	48.2	60.2	72.3	84.3
67.5°	12.0	12.0	16.1	16.1	20.1	28.1	40.2	48.2	60.2	76.3	88.3
70°	12.0	12.0	16.1	16.1	24.1	32.1	40.2	48.2	60.2	76.3	88.3
72.5°	12.0	12.0	16.1	16.1	24.1	28.1	36.1	44.2	56.2	68.3	80.3
75°	8.0	12.0	12.0	12.0	20.1	24.1	32.1	40.2	52.2	64.2	76.3
77.5°	8.0	8.0	8.0	8.0	16.1	20.1	28.1	32.1	44.2	56.2	68.3
80°	8.0	8.0	8.0	8.0	12.0	16.1	24.1	28.1	40.2	52.2	64.2
82.5°	8.0	8.0	4.0	4.0	8.0	12.0	16.1	20.1	32.1	40.2	52.2
85°	8.0	8.0	4.0	4.0	4.0	8.0	8.0	12.0	16.1	20.1	24.1
87.5°	8.0	8.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	52.2	52.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
5°	52.2	56.2	56.2	60.2	60.2	60.2	64.2	64.2	64.2	64.2	64.2
7.5°	52.2	56.2	56.2	60.2	60.2	60.2	64.2	64.2	64.2	68.3	68.3
10°	52.2	56.2	56.2	60.2	60.2	64.2	68.3	68.3	72.3	72.3	72.3
12.5°	56.2	60.2	60.2	64.2	64.2	68.3	72.3	72.3	76.3	80.3	80.3
15°	56.2	60.2	64.2	64.2	68.3	72.3	76.3	76.3	80.3	84.3	88.3
17.5°	56.2	60.2	64.2	64.2	68.3	72.3	80.3	84.3	88.3	96.4	100.4
20°	56.2	60.2	64.2	64.2	68.3	76.3	80.3	88.3	92.3	100.4	108.4
22.5°	56.2	60.2	64.2	68.3	72.3	80.3	88.3	92.3	100.4	112.4	120.5
25°	56.2	60.2	64.2	68.3	72.3	80.3	88.3	96.4	104.4	120.5	136.5
27.5°	56.2	60.2	68.3	72.3	76.3	84.3	96.4	104.4	112.4	140.5	168.6
30°	56.2	60.2	68.3	72.3	76.3	88.3	100.4	108.4	120.5	168.6	212.8
32.5°	56.2	64.2	68.3	76.3	80.3	92.3	108.4	120.5	132.5	200.8	265.0
35°	56.2	64.2	68.3	76.3	80.3	96.4	112.4	128.5	144.5	244.9	345.3
37.5°	56.2	64.2	68.3	76.3	80.3	104.4	128.5	152.6	176.7	281.1	385.5
40°	60.2	68.3	72.3	80.3	84.3	108.4	132.5	156.6	180.7	285.1	389.5
42.5°	60.2	68.3	72.3	80.3	84.3	104.4	128.5	148.6	168.6	285.1	401.5
45°	60.2	68.3	76.3	80.3	88.3	108.4	128.5	144.5	164.6	313.2	457.7
47.5°	60.2	68.3	76.3	80.3	88.3	108.4	128.5	148.6	168.6	413.6	654.5
50°	60.2	68.3	76.3	80.3	88.3	112.4	136.5	160.6	184.7	618.3	1052.0
52.5°	64.2	68.3	76.3	80.3	84.3	112.4	140.5	168.6	196.7	803.0	1405.3
55°	68.3	72.3	76.3	80.3	84.3	120.5	156.6	192.7	228.9	863.3	1493.6
57.5°	72.3	76.3	80.3	80.3	84.3	128.5	176.7	220.8	265.0	859.2	1449.5
60°	76.3	80.3	84.3	88.3	92.3	136.5	184.7	228.9	273.0	778.9	1284.8
62.5°	84.3	92.3	100.4	104.4	112.4	156.6	196.7	240.9	281.1	638.4	991.7
65°	96.4	104.4	108.4	116.4	120.5	160.6	204.8	244.9	285.1	530.0	770.9
67.5°	100.4	108.4	112.4	120.5	124.5	164.6	204.8	244.9	285.1	449.7	610.3
70°	100.4	108.4	116.4	120.5	128.5	168.6	204.8	244.9	281.1	389.5	497.9
72.5°	92.3	104.4	112.4	124.5	132.5	168.6	200.8	236.9	269.0	345.3	421.6
75°	88.3	104.4	116.4	132.5	144.5	168.6	196.7	220.8	244.9	301.1	357.3
77.5°	80.3	100.4	120.5	140.5	160.6	176.7	188.7	204.8	216.8	253.0	289.1
80°	76.3	96.4	116.4	136.5	156.6	164.6	168.6	176.7	180.7	184.7	188.7
82.5°	60.2	76.3	92.3	104.4	120.5	112.4	108.4	100.4	92.3	88.3	84.3
85°	28.1	32.1	32.1	36.1	36.1	36.1	32.1	32.1	28.1	24.1	20.1
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	56.2	56.2	56.2	56.2	52.2	52.2	52.2	52.2	48.2	48.2	48.2
5°	64.2	64.2	64.2	64.2	60.2	60.2	60.2	60.2	56.2	56.2	56.2
7.5°	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
10°	76.3	76.3	76.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
12.5°	84.3	84.3	88.3	88.3	92.3	92.3	96.4	96.4	100.4	100.4	100.4
15°	92.3	96.4	100.4	104.4	104.4	108.4	112.4	116.4	120.5	124.5	128.5
17.5°	108.4	112.4	120.5	128.5	136.5	144.5	156.6	172.7	184.7	196.7	212.8
20°	120.5	132.5	156.6	184.7	208.8	232.9	293.1	353.3	413.6	473.8	534.0
22.5°	144.5	168.6	248.9	333.3	413.6	493.9	682.6	871.3	1056.0	1244.7	1413.3
25°	192.7	244.9	429.6	614.3	795.0	979.7	1317.0	1658.2	1995.5	2332.8	2646.0
27.5°	265.0	361.4	662.5	967.6	1268.8	1569.9	2059.8	2553.6	3043.5	3537.3	3975.0
30°	369.4	526.0	975.7	1429.4	1879.1	2328.8	2947.1	3569.4	4187.8	4806.1	5207.6
32.5°	501.9	734.8	1304.9	1875.1	2445.2	3015.4	3697.9	4380.5	5059.0	5741.6	6167.2
35°	642.4	939.5	1626.1	2316.7	3003.3	3693.9	4412.6	5131.3	5850.0	6568.7	7090.7
37.5°	722.7	1060.0	1875.1	2690.1	3501.2	4316.3	5103.2	5894.2	6681.2	7468.1	8102.5
40°	799.0	1204.5	2144.1	3083.6	4023.1	4962.7	5882.1	6801.6	7721.1	8640.5	9455.6
42.5°	911.4	1421.4	2517.5	3613.6	4705.7	5801.8	7010.4	8223.0	9431.5	10640.1	11892.8
45°	1144.3	1830.9	3252.2	4673.6	6090.9	7512.3	9226.7	10945.2	12659.7	14378.1	15984.2
47.5°	1706.4	2754.4	4693.7	6633.0	8572.3	10511.6	12487.0	14462.5	16437.9	18413.3	20324.5
50°	2641.9	4227.9	6653.0	9078.2	11499.3	13924.4	15895.8	17867.3	19834.7	21806.1	23705.3
52.5°	3521.3	5637.2	8243.0	10852.9	13458.7	16068.5	17815.1	19561.7	21308.2	23054.8	24893.7
55°	3822.4	6147.1	8785.1	11427.0	14065.0	16706.9	18389.2	20075.6	21757.9	23440.3	25347.4
57.5°	3557.4	5665.3	8323.3	10981.3	13635.3	16293.3	18172.4	20055.5	21934.6	23817.7	25861.4
60°	2979.2	4669.6	7460.1	10254.6	13045.1	15835.6	17955.6	20075.6	22195.6	24315.6	26355.2
62.5°	2360.9	3726.0	6681.2	9636.3	12591.4	15546.5	17702.7	19862.8	22018.9	24175.0	25740.9
65°	1810.8	2850.7	5757.7	8668.6	11575.6	14486.5	16253.2	18023.9	19790.5	21561.2	22645.3
67.5°	1345.1	2079.8	4621.4	7167.0	9708.6	12250.1	13551.0	14855.9	16156.8	17461.7	18304.9
70°	991.7	1481.6	3212.1	4942.6	6669.1	8399.6	9592.1	10784.6	11973.1	13165.6	14040.9
72.5°	686.6	947.6	1983.5	3023.4	4059.3	5095.2	6303.7	7512.3	8716.8	9925.4	10921.1
75°	469.8	582.2	1068.0	1553.9	2039.7	2525.5	3441.0	4356.4	5271.8	6187.3	6713.3
77.5°	349.3	409.5	554.1	702.6	847.2	991.7	1168.4	1345.1	1521.7	1698.4	1927.3
80°	192.7	192.7	212.8	228.9	248.9	265.0	313.2	365.4	413.6	465.8	530.0
82.5°	88.3	92.3	100.4	108.4	112.4	120.5	128.5	136.5	144.5	152.6	152.6
85°	24.1	28.1	28.1	24.1	24.1	20.1	20.1	24.1	24.1	24.1	24.1
87.5°	4.0	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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	48.2	44.2	44.2	44.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
5°	56.2	56.2	56.2	56.2	52.2	52.2	52.2	52.2	52.2	48.2	48.2
7.5°	68.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	60.2	60.2
10°	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	76.3	76.3
12.5°	100.4	100.4	100.4	100.4	104.4	104.4	100.4	100.4	100.4	96.4	96.4
15°	132.5	136.5	140.5	140.5	144.5	144.5	144.5	140.5	140.5	136.5	132.5
17.5°	224.8	236.9	253.0	269.0	285.1	297.1	297.1	289.1	281.1	273.0	265.0
20°	598.3	658.5	722.7	787.0	855.2	903.4	871.3	847.2	823.1	795.0	770.9
22.5°	1586.0	1754.6	1927.3	2047.7	2168.2	2252.5	2184.2	2051.7	1919.2	1790.7	1658.2
25°	2959.1	3268.3	3581.5	3710.0	3842.5	3938.8	3894.7	3693.9	3493.2	3296.4	3095.7
27.5°	4412.6	4846.2	5283.9	5396.3	5508.7	5593.1	5577.0	5316.0	5055.0	4794.1	4533.1
30°	5609.1	6010.6	6412.1	6524.6	6637.0	6713.3	6629.0	6368.0	6107.0	5846.0	5585.0
32.5°	6596.8	7022.4	7452.1	7600.6	7749.2	7849.6	7749.2	7436.0	7122.8	6813.7	6500.5
35°	7612.7	8130.6	8652.6	8841.3	9030.0	9150.5	8981.8	8596.4	8210.9	7829.5	7444.0
37.5°	8736.9	9367.3	10001.7	10258.6	10519.6	10700.3	10571.8	10090.0	9604.2	9122.3	8636.5
40°	10274.7	11089.8	11908.8	12370.6	12828.3	13153.5	12924.7	12366.6	11804.4	11246.3	10684.2
42.5°	13149.5	14402.2	15654.9	16317.4	16975.9	17453.7	17196.7	16510.2	15823.6	15137.0	14450.4
45°	17590.2	19192.3	20798.3	21766.0	22737.6	23452.3	23155.2	22291.9	21424.7	20561.4	19698.2
47.5°	22235.7	24146.9	26058.1	26829.0	27603.9	28206.2	28133.9	27057.9	25981.8	24909.8	23833.7
50°	25608.4	27507.6	29406.7	30069.2	30735.7	31229.6	31044.9	29675.7	28302.6	26933.4	25560.2
52.5°	26732.7	28567.6	30406.5	31197.5	31988.4	32578.7	32353.8	30812.0	29270.2	27732.4	26190.6
55°	27254.6	29161.8	31069.0	32032.6	33000.3	33706.9	33381.7	31691.3	29996.9	28306.6	26612.2
57.5°	27905.1	29948.8	31992.5	33048.4	34104.4	34867.3	34433.6	32683.1	30932.5	29185.9	27435.3
60°	28394.9	30430.6	32470.3	33317.4	34168.6	34762.9	34345.3	32642.9	30936.5	29234.1	27531.7
62.5°	27310.8	28876.7	30442.6	31073.0	31703.4	32161.1	31924.2	30310.1	28696.0	27082.0	25467.9
65°	23733.4	24817.4	25905.5	26331.1	26752.7	27078.0	27005.7	25644.6	24283.4	22926.3	21565.2
67.5°	19152.1	19995.3	20842.5	21444.7	22051.0	22520.8	22468.6	21227.9	19987.3	18746.6	17505.9
70°	14920.2	15795.5	16670.8	17429.6	18192.5	18782.7	18706.4	17554.1	16397.7	15245.4	14089.0
72.5°	11920.9	12916.6	13912.4	14346.0	14779.6	15084.8	14859.9	13988.7	13113.4	12242.1	11366.8
75°	7239.3	7761.2	8287.2	8283.2	8283.2	8235.0	8010.2	7512.3	7014.4	6516.5	6018.7
77.5°	2156.1	2385.0	2613.8	2834.7	3059.5	3228.2	3184.0	2923.0	2658.0	2397.0	2132.0
80°	594.2	654.5	718.7	746.8	774.9	811.1	903.4	839.2	774.9	714.7	650.4
82.5°	152.6	152.6	152.6	148.6	144.5	136.5	124.5	116.4	108.4	100.4	92.3
85°	24.1	20.1	20.1	20.1	16.1	16.1	16.1	16.1	12.0	12.0	8.0
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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
2.5°	40.2	40.2	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	32.1
5°	48.2	48.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	40.2
7.5°	60.2	60.2	56.2	56.2	56.2	56.2	52.2	52.2	52.2	52.2	48.2
10°	76.3	72.3	72.3	68.3	68.3	68.3	64.2	64.2	64.2	60.2	60.2
12.5°	96.4	92.3	92.3	88.3	84.3	84.3	80.3	76.3	72.3	72.3	68.3
15°	128.5	124.5	120.5	116.4	112.4	104.4	100.4	92.3	88.3	84.3	80.3
17.5°	244.9	224.8	204.8	184.7	168.6	152.6	136.5	120.5	112.4	104.4	96.4
20°	682.6	590.2	501.9	413.6	357.3	301.1	244.9	188.7	164.6	144.5	120.5
22.5°	1477.6	1292.9	1112.2	927.5	778.9	634.4	485.8	337.3	281.1	228.9	172.7
25°	2746.3	2393.0	2043.7	1690.4	1409.3	1128.2	847.2	566.1	461.7	357.3	253.0
27.5°	4075.3	3617.6	3159.9	2702.2	2256.5	1806.8	1357.1	911.4	730.8	554.1	373.4
30°	5099.2	4613.4	4131.6	3645.7	3083.6	2521.5	1955.4	1393.2	1108.2	823.1	534.0
32.5°	5978.5	5452.5	4930.6	4404.6	3754.1	3103.7	2453.2	1802.8	1445.4	1088.1	726.7
35°	6849.8	6251.5	5657.3	5059.0	4360.4	3661.8	2963.2	2264.5	1810.8	1357.1	899.4
37.5°	7909.8	7179.0	6452.3	5725.6	5006.9	4292.2	3573.5	2854.7	2276.6	1702.4	1124.2
40°	9756.7	8825.2	7897.7	6966.2	6127.1	5291.9	4452.8	3613.6	2886.9	2160.1	1429.4
42.5°	13282.0	12113.6	10949.2	9780.8	8620.5	7460.1	6295.7	5135.3	4099.4	3067.5	2031.6
45°	18200.5	16702.9	15209.3	13711.6	12282.2	10856.9	9427.5	7998.1	6424.2	4850.3	3272.3
47.5°	22195.6	20553.4	18915.2	17273.0	15687.1	14105.1	12519.1	10933.2	8917.6	6906.0	4890.4
50°	23998.4	22432.5	20870.6	19304.7	17714.7	16120.7	14526.7	12936.7	10624.0	8315.3	6002.6
52.5°	24604.6	23014.7	21428.7	19838.7	18260.8	16682.8	15104.9	13526.9	11121.9	8720.8	6315.8
55°	24937.9	23259.6	21585.3	19907.0	18208.6	16506.1	14803.7	13105.3	10712.3	8323.3	5930.3
57.5°	25612.4	23785.6	21962.7	20135.8	18200.5	16265.2	14325.9	12390.7	10029.8	7668.9	5308.0
60°	25736.9	23938.1	22143.4	20348.6	18208.6	16068.5	13924.4	11784.4	9439.5	7098.7	4753.9
62.5°	23966.2	22464.6	20966.9	19465.3	17321.2	15177.1	13029.1	10885.0	8640.5	6396.1	4147.6
65°	20268.3	18971.4	17678.6	16381.7	14631.1	12884.5	11133.9	9383.3	7379.8	5380.3	3376.7
67.5°	16237.1	14968.4	13703.6	12434.8	11117.9	9804.9	8488.0	7171.0	5625.2	4079.4	2533.5
70°	12872.5	11651.9	10435.3	9214.7	8050.3	6881.9	5713.5	4549.1	3589.5	2633.9	1674.3
72.5°	10202.4	9034.0	7869.6	6701.2	5645.3	4589.3	3533.3	2477.3	1999.5	1525.7	1047.9
75°	5412.4	4806.1	4203.8	3597.5	3003.3	2405.1	1806.8	1212.6	1023.9	835.1	642.4
77.5°	1867.0	1602.0	1341.0	1076.1	895.4	714.7	534.0	353.3	333.3	317.2	297.1
80°	566.1	481.8	397.5	313.2	277.0	240.9	204.8	168.6	156.6	144.5	128.5
82.5°	88.3	80.3	76.3	68.3	64.2	64.2	60.2	56.2	48.2	44.2	36.1
85°	8.0	4.0	4.0	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
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	36.1	36.1
2.5°	32.1	32.1
5°	40.2	40.2
7.5°	48.2	48.2
10°	56.2	56.2
12.5°	64.2	64.2
15°	76.3	72.3
17.5°	88.3	84.3
20°	96.4	88.3
22.5°	116.4	100.4
25°	148.6	124.5
27.5°	192.7	152.6
30°	248.9	192.7
32.5°	369.4	269.0
35°	445.7	325.2
37.5°	546.1	377.4
40°	702.6	457.7
42.5°	995.7	622.3
45°	1698.4	1031.9
47.5°	2878.8	1758.6
50°	3689.9	2256.5
52.5°	3914.7	2393.0
55°	3541.3	2196.3
57.5°	2947.1	1867.0
60°	2413.1	1537.8
62.5°	1903.2	1216.6
65°	1373.2	919.5
67.5°	987.7	706.7
70°	718.7	554.1
72.5°	570.1	461.7
75°	453.7	385.5
77.5°	281.1	257.0
80°	116.4	108.4
82.5°	28.1	24.1
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P1067693

CATALOG NUMBER: NAV-SA5A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

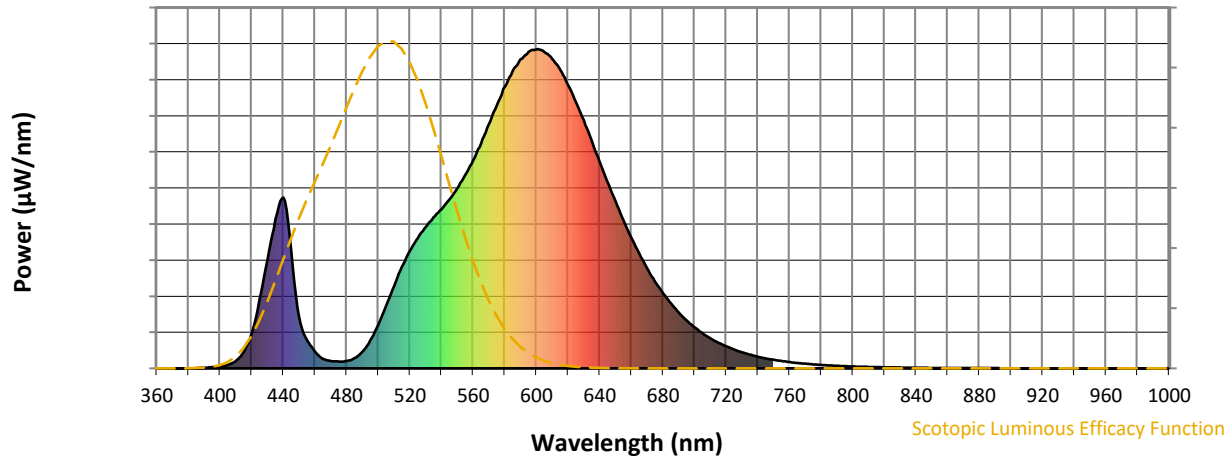


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

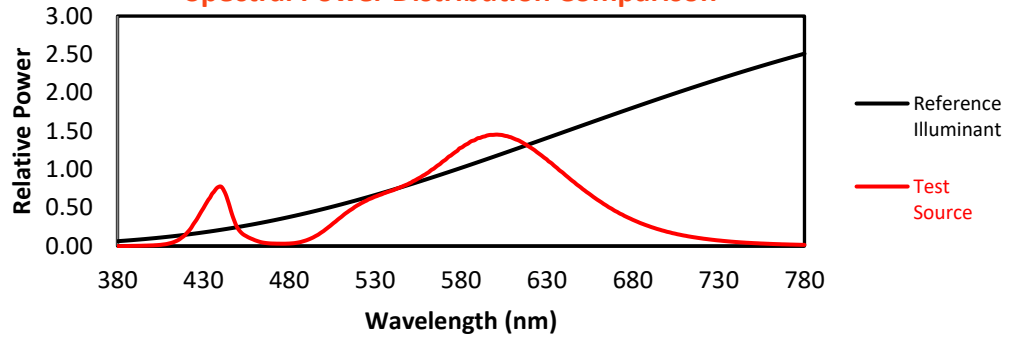
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Summary

$R_f = 67.9$
 $R_g = 98.6$
 $\text{CIE } R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



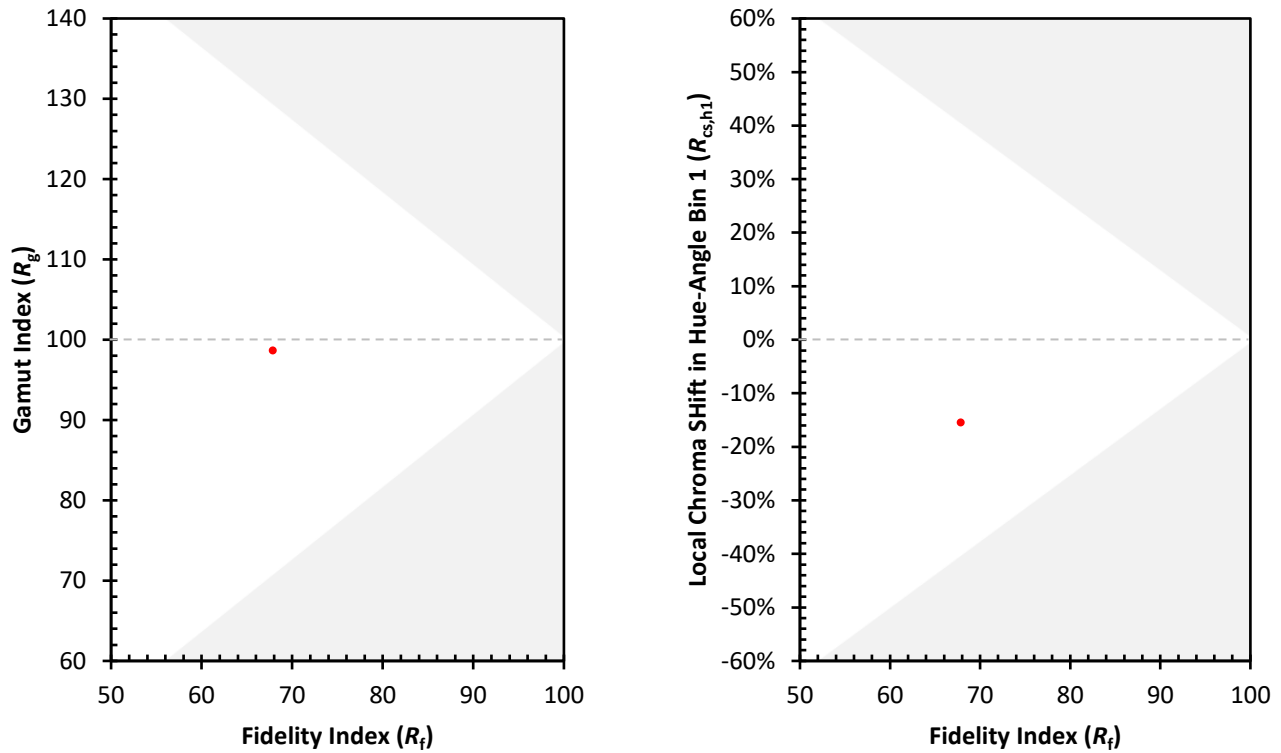
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)