

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: P1067685

Luminaire Tested: **NAV-SA3A-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067685
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3A-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7743.5 lumens
Efficiency: N/A
Efficacy: 94.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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



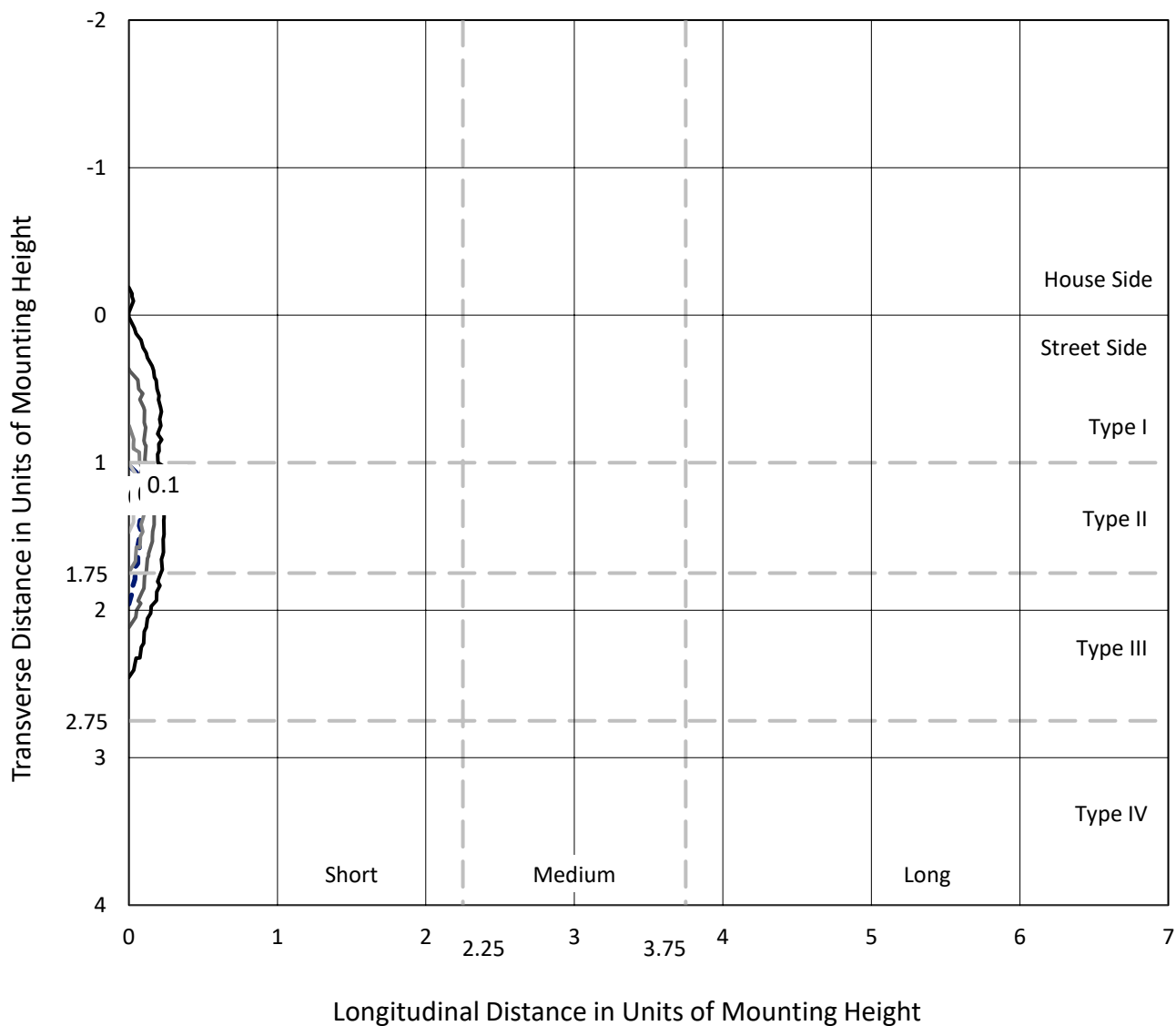
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

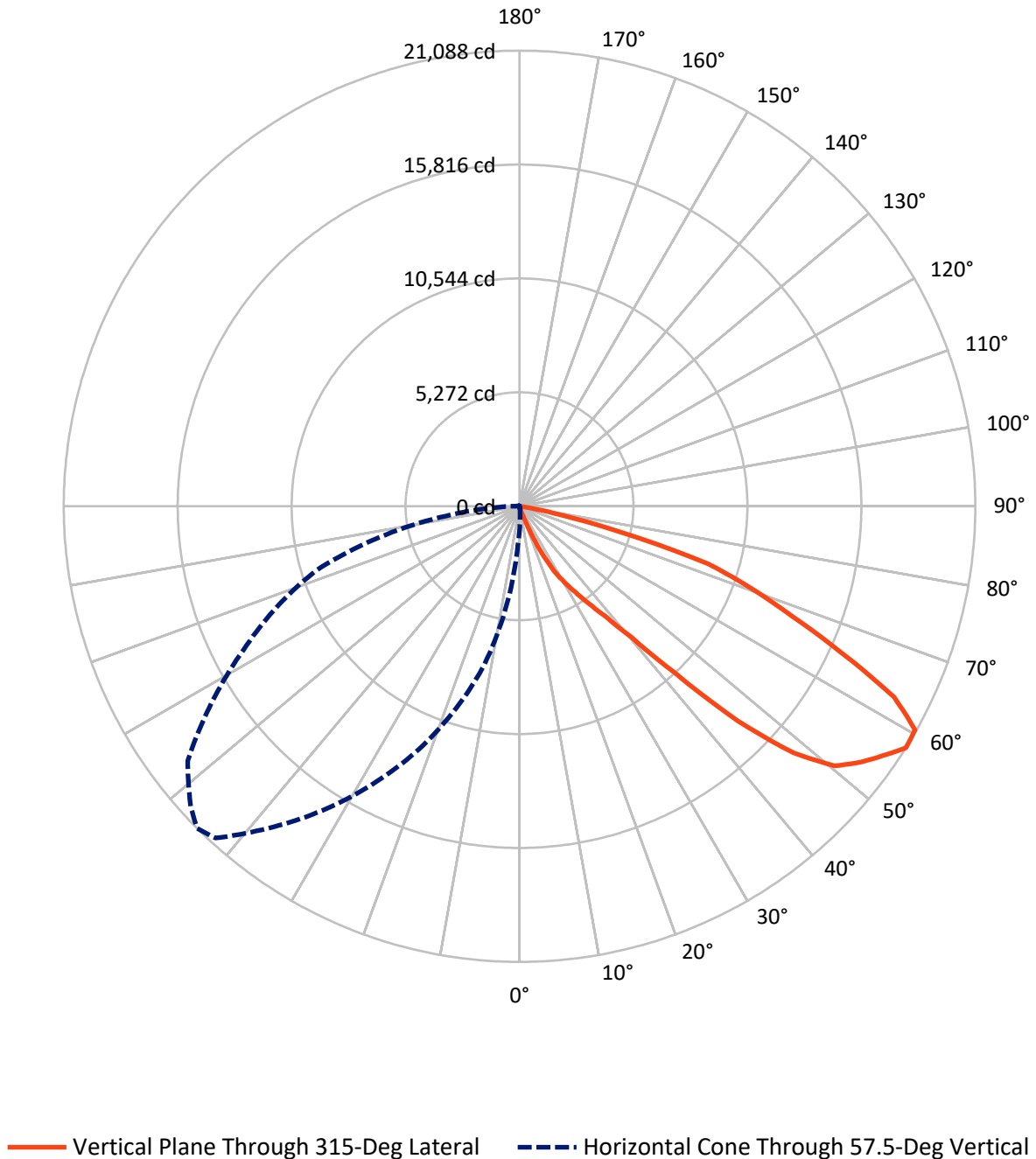


Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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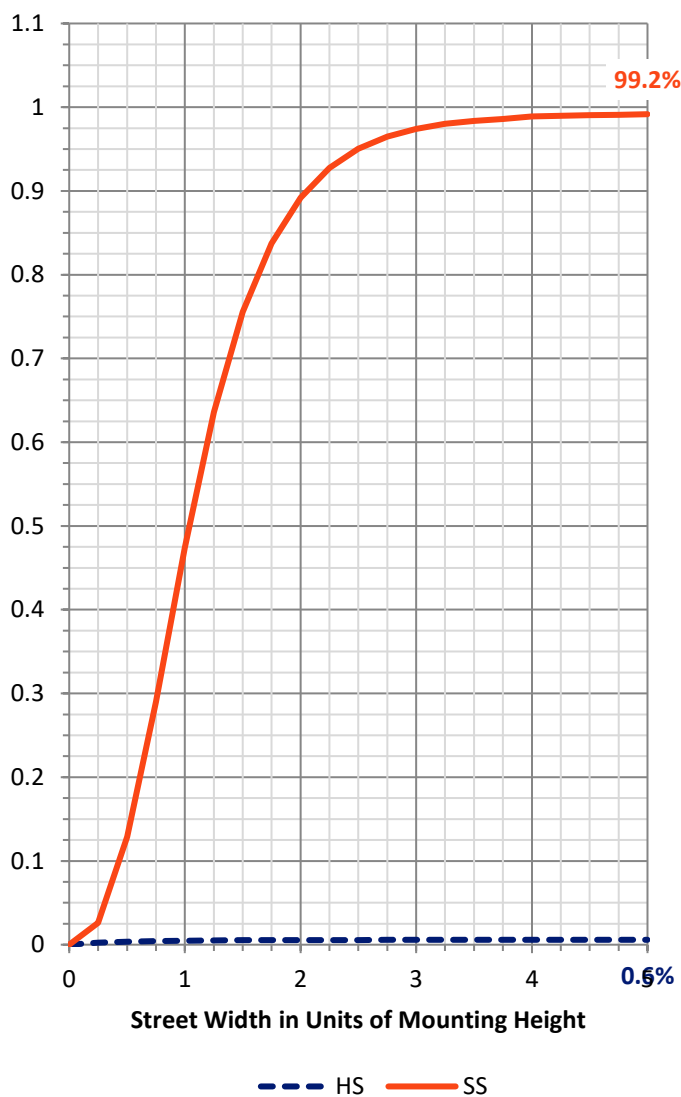
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.1	0.0	46.1
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	7697.5	0.0	7697.5
	% Fixture	99.4	0.0	99.4
Total	Lumens	7743.5	0.0	7743.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.0
10°-20°	11.4	0.1
20°-30°	144.5	1.9
30°-40°	487.1	6.3
40°-50°	1471.0	19.0
50°-60°	2595.4	33.5
60°-70°	2286.5	29.5
70°-80°	727.9	9.4
80°-90°	17.5	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°	7743.5	100.0
0°-180°	7743.5	100.0



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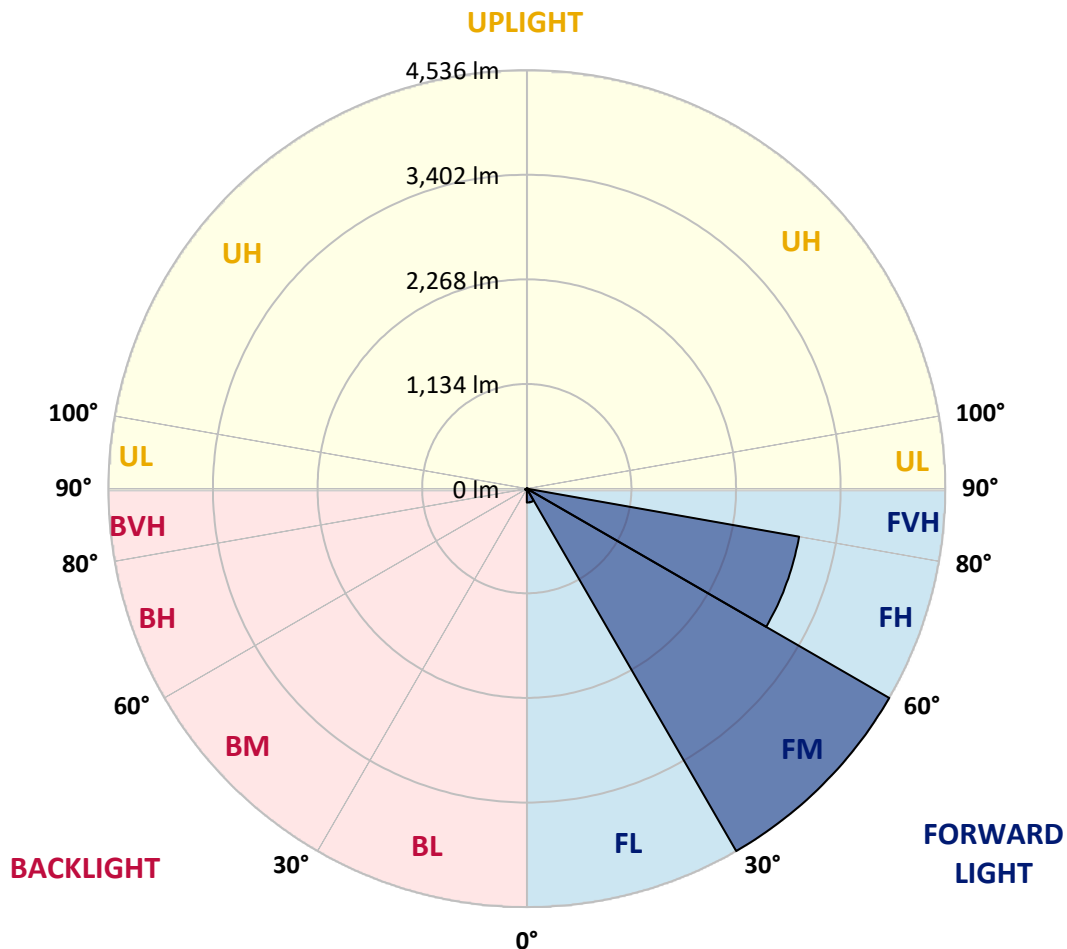
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	151.3	2.0			
FM	(30°-60°)	4535.6	58.6			
FH	(60°-80°)	2996.3	38.7			G2/5000
FVH	(80°-90°)	14.3	0.2			G1/100
BL	(0°-30°)	6.9	0.1	B0/110		
BM	(30°-60°)	17.8	0.2	B0/220		
BH	(60°-80°)	18.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	17.0
5°	24.3	24.3	24.3	21.9	21.9	21.9	19.4	19.4	19.4	19.4	19.4
7.5°	29.1	26.7	26.7	24.3	24.3	24.3	21.9	21.9	21.9	21.9	19.4
10°	34.0	31.6	31.6	29.1	29.1	26.7	26.7	24.3	24.3	21.9	21.9
12.5°	38.9	36.4	34.0	31.6	31.6	29.1	29.1	26.7	26.7	24.3	24.3
15°	43.7	41.3	38.9	36.4	34.0	34.0	31.6	29.1	26.7	26.7	24.3
17.5°	51.0	46.1	43.7	38.9	36.4	34.0	31.6	29.1	29.1	26.7	26.7
20°	53.4	48.6	46.1	41.3	38.9	36.4	34.0	31.6	29.1	29.1	26.7
22.5°	63.1	53.4	51.0	46.1	43.7	41.3	36.4	34.0	31.6	29.1	26.7
25°	77.7	63.1	55.9	48.6	46.1	41.3	38.9	34.0	31.6	29.1	26.7
27.5°	94.7	70.4	63.1	53.4	48.6	43.7	38.9	34.0	31.6	29.1	26.7
30°	116.6	82.6	70.4	58.3	53.4	48.6	41.3	36.4	34.0	31.6	26.7
32.5°	162.7	102.0	82.6	63.1	55.9	51.0	43.7	36.4	34.0	31.6	26.7
35°	196.7	123.8	99.6	72.9	63.1	55.9	46.1	36.4	34.0	31.6	26.7
37.5°	228.3	126.3	102.0	77.7	68.0	58.3	46.1	36.4	34.0	31.6	26.7
40°	279.3	131.1	102.0	72.9	65.6	55.9	48.6	38.9	36.4	31.6	29.1
42.5°	376.4	150.6	109.3	68.0	60.7	55.9	48.6	41.3	36.4	34.0	29.1
45°	626.5	223.4	148.1	70.4	63.1	55.9	48.6	41.3	38.9	34.0	31.6
47.5°	1066.1	388.5	230.7	72.9	65.6	55.9	48.6	38.9	36.4	34.0	29.1
50°	1364.7	497.8	291.4	85.0	72.9	63.1	51.0	38.9	36.4	34.0	31.6
52.5°	1449.7	529.4	315.7	99.6	85.0	70.4	53.4	38.9	36.4	36.4	34.0
55°	1328.3	514.8	315.7	116.6	97.1	80.1	60.7	41.3	38.9	38.9	36.4
57.5°	1129.2	476.0	301.1	126.3	106.8	85.0	65.6	43.7	41.3	41.3	38.9
60°	930.1	400.7	272.0	140.8	119.0	97.1	75.3	53.4	51.0	48.6	43.7
62.5°	738.2	323.0	238.0	150.6	128.7	104.4	82.6	58.3	55.9	53.4	51.0
65°	556.1	281.7	221.0	157.8	133.6	109.3	85.0	60.7	58.3	58.3	55.9
67.5°	427.4	257.4	211.3	162.7	138.4	114.1	89.8	65.6	63.1	60.7	58.3
70°	337.5	238.0	199.1	160.3	138.4	116.6	92.3	70.4	65.6	63.1	58.3
72.5°	281.7	216.1	184.6	153.0	136.0	119.0	102.0	85.0	75.3	68.0	58.3
75°	235.6	194.3	167.6	138.4	126.3	116.6	104.4	92.3	80.1	68.0	55.9
77.5°	155.4	140.8	128.7	116.6	109.3	102.0	92.3	85.0	72.9	63.1	51.0
80°	65.6	60.7	63.1	63.1	63.1	63.1	60.7	60.7	53.4	46.1	36.4
82.5°	14.6	12.1	14.6	14.6	14.6	14.6	12.1	12.1	12.1	9.7	9.7
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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
5°	19.4	19.4	19.4	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
7.5°	19.4	19.4	19.4	17.0	17.0	17.0	17.0	14.6	14.6	14.6	14.6
10°	19.4	19.4	19.4	17.0	17.0	17.0	17.0	14.6	14.6	14.6	14.6
12.5°	21.9	21.9	19.4	19.4	17.0	17.0	17.0	14.6	14.6	14.6	14.6
15°	21.9	21.9	19.4	19.4	17.0	17.0	17.0	14.6	14.6	14.6	14.6
17.5°	24.3	21.9	21.9	19.4	17.0	17.0	17.0	14.6	14.6	14.6	14.6
20°	24.3	21.9	21.9	19.4	17.0	17.0	17.0	14.6	14.6	14.6	14.6
22.5°	24.3	21.9	21.9	19.4	17.0	17.0	14.6	14.6	12.1	12.1	9.7
25°	24.3	21.9	21.9	19.4	17.0	17.0	14.6	14.6	12.1	9.7	9.7
27.5°	24.3	21.9	21.9	19.4	17.0	14.6	14.6	12.1	9.7	7.3	7.3
30°	24.3	21.9	21.9	19.4	17.0	14.6	12.1	9.7	7.3	7.3	4.9
32.5°	24.3	21.9	19.4	17.0	14.6	12.1	12.1	9.7	7.3	4.9	4.9
35°	24.3	21.9	19.4	17.0	14.6	12.1	12.1	9.7	7.3	4.9	4.9
37.5°	24.3	21.9	19.4	17.0	14.6	12.1	9.7	7.3	4.9	4.9	2.4
40°	24.3	21.9	19.4	17.0	14.6	12.1	9.7	7.3	4.9	4.9	2.4
42.5°	24.3	21.9	19.4	17.0	14.6	12.1	9.7	7.3	4.9	4.9	2.4
45°	26.7	24.3	21.9	17.0	14.6	12.1	12.1	9.7	7.3	4.9	4.9
47.5°	26.7	24.3	21.9	17.0	14.6	12.1	12.1	9.7	7.3	4.9	4.9
50°	29.1	26.7	24.3	19.4	17.0	14.6	12.1	7.3	4.9	4.9	2.4
52.5°	31.6	29.1	26.7	24.3	21.9	17.0	12.1	7.3	2.4	2.4	2.4
55°	34.0	31.6	31.6	29.1	26.7	19.4	14.6	7.3	0.0	0.0	0.0
57.5°	36.4	34.0	34.0	31.6	29.1	21.9	14.6	7.3	0.0	0.0	0.0
60°	41.3	38.9	36.4	31.6	29.1	21.9	14.6	7.3	0.0	0.0	0.0
62.5°	48.6	43.7	36.4	31.6	24.3	19.4	12.1	7.3	0.0	0.0	0.0
65°	53.4	46.1	38.9	29.1	21.9	17.0	12.1	4.9	0.0	0.0	0.0
67.5°	55.9	46.1	38.9	29.1	19.4	14.6	9.7	4.9	0.0	0.0	0.0
70°	53.4	43.7	36.4	26.7	17.0	12.1	9.7	4.9	0.0	0.0	0.0
72.5°	48.6	41.3	31.6	24.3	14.6	12.1	7.3	4.9	0.0	0.0	0.0
75°	43.7	36.4	26.7	19.4	9.7	7.3	4.9	2.4	0.0	0.0	0.0
77.5°	38.9	31.6	21.9	14.6	4.9	4.9	2.4	2.4	0.0	0.0	0.0
80°	29.1	21.9	14.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	7.3	4.9	4.9	2.4	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



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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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
5°	14.6	14.6	14.6	14.6	12.1	12.1	12.1	12.1	12.1	12.1	12.1
7.5°	14.6	14.6	14.6	14.6	12.1	12.1	12.1	12.1	9.7	9.7	9.7
10°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	9.7	9.7	9.7
12.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	9.7	9.7	9.7
15°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	9.7	9.7	7.3	7.3
17.5°	12.1	12.1	12.1	12.1	9.7	9.7	9.7	7.3	7.3	4.9	4.9
20°	12.1	12.1	12.1	9.7	9.7	7.3	7.3	4.9	4.9	2.4	2.4
22.5°	9.7	7.3	7.3	4.9	4.9	2.4	2.4	2.4	0.0	0.0	0.0
25°	7.3	4.9	4.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	4.9	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	4.9	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	2.4	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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	14.6	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
5°	12.1	12.1	12.1	12.1	9.7	9.7	9.7	9.7	9.7	9.7	9.7
7.5°	9.7	9.7	9.7	9.7	9.7	9.7	7.3	7.3	7.3	7.3	7.3
10°	9.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	4.9	4.9
12.5°	9.7	7.3	7.3	7.3	4.9	4.9	4.9	4.9	4.9	2.4	2.4
15°	7.3	4.9	4.9	4.9	2.4	2.4	2.4	2.4	2.4	0.0	0.0
17.5°	4.9	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	2.4	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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	14.6	14.6
5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
7.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
10°	4.9	4.9	4.9	4.9	4.9	4.9	2.4	2.4	2.4	2.4	2.4
12.5°	2.4	2.4	2.4	2.4	2.4	2.4	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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	14.6	14.6	14.6	14.6	14.6	17.0	17.0	19.4	19.4	21.9	21.9
5°	9.7	9.7	12.1	12.1	12.1	12.1	14.6	14.6	14.6	17.0	17.0
7.5°	7.3	7.3	7.3	7.3	7.3	9.7	9.7	12.1	12.1	14.6	14.6
10°	2.4	2.4	4.9	4.9	4.9	4.9	7.3	7.3	7.3	9.7	12.1
12.5°	0.0	0.0	2.4	2.4	2.4	2.4	4.9	4.9	4.9	7.3	9.7
15°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	4.9	7.3
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	24.3	24.3	26.7	26.7	29.1	29.1	31.6	31.6	31.6	31.6	31.6
5°	19.4	19.4	21.9	24.3	24.3	26.7	29.1	29.1	29.1	29.1	29.1
7.5°	17.0	17.0	19.4	21.9	21.9	24.3	26.7	26.7	29.1	29.1	29.1
10°	12.1	14.6	17.0	19.4	19.4	21.9	24.3	24.3	26.7	26.7	26.7
12.5°	9.7	12.1	14.6	17.0	17.0	19.4	21.9	21.9	24.3	24.3	26.7
15°	7.3	9.7	12.1	14.6	14.6	17.0	19.4	19.4	21.9	24.3	26.7
17.5°	4.9	7.3	9.7	12.1	12.1	14.6	17.0	19.4	21.9	21.9	24.3
20°	4.9	4.9	7.3	9.7	9.7	12.1	14.6	17.0	19.4	19.4	21.9
22.5°	2.4	2.4	4.9	7.3	7.3	9.7	12.1	14.6	17.0	17.0	19.4
25°	0.0	0.0	2.4	4.9	4.9	7.3	9.7	9.7	12.1	12.1	14.6
27.5°	0.0	0.0	2.4	2.4	4.9	4.9	7.3	7.3	9.7	9.7	12.1
30°	0.0	0.0	2.4	2.4	4.9	4.9	7.3	7.3	9.7	9.7	9.7
32.5°	0.0	0.0	0.0	2.4	2.4	2.4	4.9	4.9	7.3	7.3	9.7
35°	0.0	0.0	0.0	2.4	2.4	2.4	4.9	4.9	7.3	7.3	7.3
37.5°	0.0	0.0	0.0	2.4	2.4	2.4	4.9	4.9	4.9	4.9	7.3
40°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
45°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
50°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4
55°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	31.6	31.6
5°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	29.1	29.1
7.5°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	29.1	29.1
10°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
12.5°	26.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
15°	26.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
17.5°	24.3	26.7	26.7	26.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1
20°	21.9	24.3	24.3	24.3	26.7	26.7	26.7	26.7	29.1	29.1	29.1
22.5°	19.4	21.9	21.9	21.9	24.3	24.3	24.3	24.3	26.7	26.7	26.7
25°	17.0	17.0	19.4	19.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9
27.5°	12.1	14.6	14.6	14.6	17.0	17.0	17.0	17.0	19.4	19.4	19.4
30°	12.1	12.1	12.1	12.1	14.6	14.6	14.6	14.6	17.0	17.0	17.0
32.5°	9.7	12.1	12.1	12.1	14.6	14.6	14.6	14.6	17.0	17.0	17.0
35°	9.7	9.7	9.7	9.7	12.1	12.1	12.1	12.1	14.6	14.6	14.6
37.5°	7.3	9.7	9.7	9.7	12.1	12.1	12.1	12.1	14.6	14.6	14.6
40°	7.3	7.3	7.3	7.3	9.7	9.7	9.7	9.7	12.1	12.1	12.1
42.5°	7.3	7.3	7.3	7.3	9.7	9.7	9.7	9.7	12.1	12.1	12.1
45°	7.3	7.3	7.3	7.3	9.7	9.7	9.7	9.7	12.1	12.1	12.1
47.5°	7.3	7.3	7.3	7.3	9.7	9.7	9.7	9.7	12.1	12.1	12.1
50°	7.3	7.3	7.3	7.3	9.7	9.7	9.7	9.7	12.1	12.1	12.1
52.5°	4.9	4.9	4.9	4.9	7.3	7.3	7.3	7.3	9.7	9.7	9.7
55°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	7.3	7.3	7.3
57.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	7.3	7.3	7.3
60°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
62.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
65°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	2.4	2.4
67.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	7.3	7.3	7.3	7.3	7.3	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	7.3	7.3	7.3	7.3	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	31.6	31.6	29.1	29.1	29.1	29.1	29.1	29.1	29.1	31.6	31.6
5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	31.6	31.6
7.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	31.6	31.6
10°	29.1	29.1	29.1	29.1	26.7	26.7	29.1	29.1	29.1	31.6	31.6
12.5°	29.1	29.1	29.1	29.1	26.7	26.7	29.1	29.1	31.6	31.6	34.0
15°	29.1	29.1	26.7	26.7	26.7	26.7	29.1	29.1	31.6	31.6	34.0
17.5°	29.1	29.1	26.7	26.7	26.7	26.7	29.1	29.1	31.6	31.6	34.0
20°	29.1	29.1	26.7	26.7	26.7	26.7	26.7	26.7	29.1	31.6	31.6
22.5°	26.7	26.7	26.7	26.7	24.3	24.3	26.7	26.7	29.1	31.6	31.6
25°	21.9	24.3	24.3	24.3	24.3	24.3	26.7	26.7	29.1	31.6	31.6
27.5°	19.4	21.9	21.9	21.9	21.9	24.3	24.3	26.7	29.1	31.6	31.6
30°	17.0	19.4	19.4	19.4	21.9	24.3	24.3	26.7	29.1	31.6	31.6
32.5°	17.0	19.4	19.4	19.4	21.9	21.9	24.3	24.3	26.7	29.1	31.6
35°	17.0	17.0	19.4	19.4	19.4	21.9	21.9	24.3	26.7	29.1	31.6
37.5°	17.0	17.0	19.4	19.4	19.4	21.9	21.9	24.3	26.7	29.1	31.6
40°	14.6	17.0	17.0	19.4	19.4	21.9	21.9	24.3	26.7	31.6	34.0
42.5°	14.6	14.6	17.0	17.0	19.4	21.9	21.9	24.3	26.7	31.6	34.0
45°	14.6	17.0	17.0	19.4	21.9	24.3	24.3	26.7	29.1	31.6	34.0
47.5°	14.6	17.0	17.0	19.4	24.3	24.3	26.7	26.7	29.1	31.6	34.0
50°	14.6	17.0	17.0	19.4	26.7	26.7	26.7	26.7	29.1	31.6	34.0
52.5°	12.1	14.6	14.6	17.0	21.9	24.3	26.7	29.1	31.6	34.0	36.4
55°	9.7	12.1	12.1	14.6	19.4	21.9	26.7	31.6	34.0	36.4	38.9
57.5°	9.7	9.7	12.1	12.1	17.0	21.9	29.1	34.0	36.4	38.9	41.3
60°	7.3	7.3	9.7	9.7	14.6	19.4	26.7	34.0	36.4	41.3	43.7
62.5°	4.9	7.3	7.3	9.7	12.1	19.4	26.7	34.0	38.9	43.7	46.1
65°	4.9	4.9	7.3	7.3	12.1	17.0	24.3	29.1	36.4	43.7	51.0
67.5°	7.3	7.3	9.7	9.7	12.1	17.0	24.3	29.1	36.4	46.1	53.4
70°	7.3	7.3	9.7	9.7	14.6	19.4	24.3	29.1	36.4	46.1	53.4
72.5°	7.3	7.3	9.7	9.7	14.6	17.0	21.9	26.7	34.0	41.3	48.6
75°	4.9	7.3	7.3	7.3	12.1	14.6	19.4	24.3	31.6	38.9	46.1
77.5°	4.9	4.9	4.9	4.9	9.7	12.1	17.0	19.4	26.7	34.0	41.3
80°	4.9	4.9	4.9	4.9	7.3	9.7	14.6	17.0	24.3	31.6	38.9
82.5°	4.9	4.9	2.4	2.4	4.9	7.3	9.7	12.1	19.4	24.3	31.6
85°	4.9	4.9	2.4	2.4	2.4	4.9	4.9	7.3	9.7	12.1	14.6
87.5°	4.9	4.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	31.6	31.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
5°	31.6	34.0	34.0	36.4	36.4	36.4	38.9	38.9	38.9	38.9	38.9
7.5°	31.6	34.0	34.0	36.4	36.4	36.4	38.9	38.9	38.9	41.3	41.3
10°	31.6	34.0	34.0	36.4	36.4	38.9	41.3	41.3	43.7	43.7	43.7
12.5°	34.0	36.4	36.4	38.9	38.9	41.3	43.7	43.7	46.1	48.6	48.6
15°	34.0	36.4	38.9	38.9	41.3	43.7	46.1	46.1	48.6	51.0	53.4
17.5°	34.0	36.4	38.9	38.9	41.3	43.7	48.6	51.0	53.4	58.3	60.7
20°	34.0	36.4	38.9	38.9	41.3	46.1	48.6	53.4	55.9	60.7	65.6
22.5°	34.0	36.4	38.9	41.3	43.7	48.6	53.4	55.9	60.7	68.0	72.9
25°	34.0	36.4	38.9	41.3	43.7	48.6	53.4	58.3	63.1	72.9	82.6
27.5°	34.0	36.4	41.3	43.7	46.1	51.0	58.3	63.1	68.0	85.0	102.0
30°	34.0	36.4	41.3	43.7	46.1	53.4	60.7	65.6	72.9	102.0	128.7
32.5°	34.0	38.9	41.3	46.1	48.6	55.9	65.6	72.9	80.1	121.4	160.3
35°	34.0	38.9	41.3	46.1	48.6	58.3	68.0	77.7	87.4	148.1	208.8
37.5°	34.0	38.9	41.3	46.1	48.6	63.1	77.7	92.3	106.8	170.0	233.1
40°	36.4	41.3	43.7	48.6	51.0	65.6	80.1	94.7	109.3	172.4	235.6
42.5°	36.4	41.3	43.7	48.6	51.0	63.1	77.7	89.8	102.0	172.4	242.8
45°	36.4	41.3	46.1	48.6	53.4	65.6	77.7	87.4	99.6	189.4	276.8
47.5°	36.4	41.3	46.1	48.6	53.4	65.6	77.7	89.8	102.0	250.1	395.8
50°	36.4	41.3	46.1	48.6	53.4	68.0	82.6	97.1	111.7	374.0	636.2
52.5°	38.9	41.3	46.1	48.6	51.0	68.0	85.0	102.0	119.0	485.7	849.9
55°	41.3	43.7	46.1	48.6	51.0	72.9	94.7	116.6	138.4	522.1	903.4
57.5°	43.7	46.1	48.6	48.6	51.0	77.7	106.8	133.6	160.3	519.7	876.6
60°	46.1	48.6	51.0	53.4	55.9	82.6	111.7	138.4	165.1	471.1	777.1
62.5°	51.0	55.9	60.7	63.1	68.0	94.7	119.0	145.7	170.0	386.1	599.8
65°	58.3	63.1	65.6	70.4	72.9	97.1	123.8	148.1	172.4	320.5	466.2
67.5°	60.7	65.6	68.0	72.9	75.3	99.6	123.8	148.1	172.4	272.0	369.1
70°	60.7	65.6	70.4	72.9	77.7	102.0	123.8	148.1	170.0	235.6	301.1
72.5°	55.9	63.1	68.0	75.3	80.1	102.0	121.4	143.3	162.7	208.8	255.0
75°	53.4	63.1	70.4	80.1	87.4	102.0	119.0	133.6	148.1	182.1	216.1
77.5°	48.6	60.7	72.9	85.0	97.1	106.8	114.1	123.8	131.1	153.0	174.8
80°	46.1	58.3	70.4	82.6	94.7	99.6	102.0	106.8	109.3	111.7	114.1
82.5°	36.4	46.1	55.9	63.1	72.9	68.0	65.6	60.7	55.9	53.4	51.0
85°	17.0	19.4	19.4	21.9	21.9	21.9	19.4	19.4	17.0	14.6	12.1
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	34.0	34.0	34.0	34.0	31.6	31.6	31.6	31.6	29.1	29.1	29.1
5°	38.9	38.9	38.9	38.9	36.4	36.4	36.4	36.4	34.0	34.0	34.0
7.5°	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
10°	46.1	46.1	46.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
12.5°	51.0	51.0	53.4	53.4	55.9	55.9	58.3	58.3	60.7	60.7	60.7
15°	55.9	58.3	60.7	63.1	63.1	65.6	68.0	70.4	72.9	75.3	77.7
17.5°	65.6	68.0	72.9	77.7	82.6	87.4	94.7	104.4	111.7	119.0	128.7
20°	72.9	80.1	94.7	111.7	126.3	140.8	177.3	213.7	250.1	286.5	323.0
22.5°	87.4	102.0	150.6	201.6	250.1	298.7	412.8	527.0	638.7	752.8	854.8
25°	116.6	148.1	259.8	371.5	480.8	592.5	796.5	1002.9	1206.9	1410.9	1600.3
27.5°	160.3	218.6	400.7	585.2	767.4	949.5	1245.8	1544.4	1840.7	2139.4	2404.1
30°	223.4	318.1	590.1	864.5	1136.5	1408.5	1782.4	2158.8	2532.8	2906.8	3149.6
32.5°	303.5	444.4	789.2	1134.0	1478.9	1823.7	2236.5	2649.3	3059.7	3472.6	3730.0
35°	388.5	568.2	983.5	1401.2	1816.4	2234.1	2668.8	3103.5	3538.1	3972.8	4288.5
37.5°	437.1	641.1	1134.0	1627.0	2117.5	2610.5	3086.5	3564.8	4040.8	4516.8	4900.4
40°	483.2	728.5	1296.7	1865.0	2433.2	3001.5	3557.6	4113.7	4669.7	5225.8	5718.8
42.5°	551.2	859.6	1522.6	2185.5	2846.0	3509.0	4239.9	4973.3	5704.2	6435.2	7192.8
45°	692.1	1107.3	1967.0	2826.6	3683.8	4543.5	5580.4	6619.7	7656.6	8696.0	9667.3
47.5°	1032.1	1665.9	2838.8	4011.7	5184.6	6357.5	7552.2	8747.0	9941.7	11136.5	12292.4
50°	1597.9	2557.1	4023.8	5490.5	6954.8	8421.6	9613.9	10806.2	11996.1	13188.5	14337.1
52.5°	2129.7	3409.4	4985.4	6563.9	8139.9	9718.3	10774.7	11831.0	12887.3	13943.7	15055.9
55°	2311.8	3717.8	5313.3	6911.1	8506.6	10104.4	11121.9	12141.8	13159.3	14176.8	15330.3
57.5°	2151.5	3426.4	5034.0	6641.6	8246.7	9854.3	10990.8	12129.7	13266.2	14405.1	15641.1
60°	1801.8	2824.2	4511.9	6202.0	7889.8	9577.5	10859.7	12141.8	13424.0	14706.2	15939.8
62.5°	1427.9	2253.5	4040.8	5828.1	7615.4	9402.6	10706.7	12013.1	13317.2	14621.2	15568.3
65°	1095.2	1724.1	3482.3	5242.8	7001.0	8761.5	9830.0	10900.9	11969.4	13040.3	13696.0
67.5°	813.5	1257.9	2795.0	4334.6	5871.8	7408.9	8195.7	8985.0	9771.7	10561.0	11070.9
70°	599.8	896.1	1942.7	2989.3	4033.5	5080.1	5801.4	6522.6	7241.4	7962.6	8492.0
72.5°	415.3	573.1	1199.6	1828.6	2455.1	3081.6	3812.5	4543.5	5272.0	6002.9	6605.2
75°	284.1	352.1	645.9	939.8	1233.6	1527.4	2081.1	2634.8	3188.4	3742.1	4060.2
77.5°	211.3	247.7	335.1	425.0	512.4	599.8	706.7	813.5	920.4	1027.2	1165.6
80°	116.6	116.6	128.7	138.4	150.6	160.3	189.4	221.0	250.1	281.7	320.5
82.5°	53.4	55.9	60.7	65.6	68.0	72.9	77.7	82.6	87.4	92.3	92.3
85°	14.6	17.0	17.0	14.6	14.6	12.1	12.1	14.6	14.6	14.6	14.6
87.5°	2.4	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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	29.1	26.7	26.7	26.7	24.3	24.3	24.3	24.3	24.3	24.3	24.3
5°	34.0	34.0	34.0	34.0	31.6	31.6	31.6	31.6	31.6	29.1	29.1
7.5°	41.3	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	36.4	36.4
10°	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	46.1	46.1
12.5°	60.7	60.7	60.7	60.7	63.1	63.1	60.7	60.7	60.7	58.3	58.3
15°	80.1	82.6	85.0	85.0	87.4	87.4	87.4	85.0	85.0	82.6	80.1
17.5°	136.0	143.3	153.0	162.7	172.4	179.7	179.7	174.8	170.0	165.1	160.3
20°	361.8	398.3	437.1	476.0	517.2	546.4	527.0	512.4	497.8	480.8	466.2
22.5°	959.2	1061.2	1165.6	1238.5	1311.3	1362.3	1321.0	1240.9	1160.8	1083.1	1002.9
25°	1789.7	1976.7	2166.1	2243.8	2323.9	2382.2	2355.5	2234.1	2112.7	1993.7	1872.3
27.5°	2668.8	2931.0	3195.7	3263.7	3331.7	3382.7	3373.0	3215.2	3057.3	2899.5	2741.6
30°	3392.4	3635.3	3878.1	3946.1	4014.1	4060.2	4009.2	3851.4	3693.5	3535.7	3377.9
32.5°	3989.8	4247.2	4507.0	4596.9	4686.7	4747.5	4686.7	4497.3	4307.9	4120.9	3931.5
35°	4604.2	4917.4	5233.1	5347.3	5461.4	5534.2	5432.3	5199.1	4966.0	4735.3	4502.2
37.5°	5284.1	5665.4	6049.1	6204.5	6362.3	6471.6	6393.9	6102.5	5808.7	5517.2	5223.4
40°	6214.2	6707.1	7202.5	7481.8	7758.6	7955.3	7816.9	7479.4	7139.4	6801.9	6461.9
42.5°	7952.9	8710.5	9468.2	9868.9	10267.1	10556.1	10400.7	9985.4	9570.2	9154.9	8739.7
45°	10638.7	11607.6	12578.9	13164.2	13751.8	14184.1	14004.4	13482.3	12957.8	12435.7	11913.6
47.5°	13448.3	14604.2	15760.1	16226.3	16695.0	17059.3	17015.6	16364.8	15714.0	15065.6	14414.8
50°	15488.1	16636.7	17785.3	18186.0	18589.1	18887.8	18776.1	17948.0	17117.5	16289.5	15459.0
52.5°	16168.1	17277.8	18390.0	18868.4	19346.8	19703.8	19567.8	18635.3	17702.8	16772.7	15840.2
55°	16483.7	17637.2	18790.7	19373.5	19958.7	20386.1	20189.4	19167.1	18142.3	17120.0	16095.2
57.5°	16877.1	18113.2	19349.2	19987.9	20626.5	21087.9	20825.7	19766.9	18708.1	17651.8	16593.0
60°	17173.4	18404.6	19638.2	20150.6	20665.4	21024.8	20772.2	19742.6	18710.6	17680.9	16651.3
62.5°	16517.7	17464.8	18411.9	18793.1	19174.4	19451.2	19307.9	18331.7	17355.5	16379.3	15403.1
65°	14354.1	15009.7	15667.8	15925.2	16180.2	16376.9	16333.2	15510.0	14686.8	13866.0	13042.8
67.5°	11583.3	12093.3	12605.6	12969.9	13336.6	13620.7	13589.1	12838.8	12088.4	11338.0	10587.7
70°	9023.8	9553.2	10082.6	10541.5	11002.9	11359.9	11313.8	10616.8	9917.4	9220.5	8521.1
72.5°	7209.8	7812.1	8414.3	8676.6	8938.8	9123.4	8987.4	8460.4	7931.0	7404.1	6874.7
75°	4378.3	4694.0	5012.1	5009.7	5009.7	4980.6	4844.6	4543.5	4242.4	3941.2	3640.1
77.5°	1304.0	1442.4	1580.9	1714.4	1850.4	1952.4	1925.7	1767.9	1607.6	1449.7	1289.5
80°	359.4	395.8	434.7	451.7	468.7	490.5	546.4	507.5	468.7	432.2	393.4
82.5°	92.3	92.3	92.3	89.8	87.4	82.6	75.3	70.4	65.6	60.7	55.9
85°	14.6	12.1	12.1	12.1	9.7	9.7	9.7	9.7	7.3	7.3	4.9
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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	24.3	24.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	19.4
5°	29.1	29.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	24.3
7.5°	36.4	36.4	34.0	34.0	34.0	34.0	31.6	31.6	31.6	31.6	29.1
10°	46.1	43.7	43.7	41.3	41.3	41.3	38.9	38.9	38.9	36.4	36.4
12.5°	58.3	55.9	55.9	53.4	51.0	51.0	48.6	46.1	43.7	43.7	41.3
15°	77.7	75.3	72.9	70.4	68.0	63.1	60.7	55.9	53.4	51.0	48.6
17.5°	148.1	136.0	123.8	111.7	102.0	92.3	82.6	72.9	68.0	63.1	58.3
20°	412.8	357.0	303.5	250.1	216.1	182.1	148.1	114.1	99.6	87.4	72.9
22.5°	893.6	781.9	672.7	561.0	471.1	383.7	293.8	204.0	170.0	138.4	104.4
25°	1661.0	1447.3	1236.0	1022.3	852.4	682.4	512.4	342.4	279.3	216.1	153.0
27.5°	2464.8	2188.0	1911.1	1634.3	1364.7	1092.8	820.8	551.2	442.0	335.1	225.8
30°	3084.0	2790.2	2498.8	2205.0	1865.0	1525.0	1182.6	842.6	670.2	497.8	323.0
32.5°	3615.8	3297.7	2982.0	2663.9	2270.5	1877.1	1483.7	1090.3	874.2	658.1	439.5
35°	4142.8	3781.0	3421.6	3059.7	2637.2	2214.7	1792.1	1369.6	1095.2	820.8	544.0
37.5°	4783.9	4341.9	3902.4	3462.8	3028.2	2595.9	2161.2	1726.6	1376.9	1029.6	679.9
40°	5900.9	5337.5	4776.6	4213.2	3705.7	3200.6	2693.1	2185.5	1746.0	1306.5	864.5
42.5°	8033.0	7326.4	6622.2	5915.5	5213.7	4511.9	3807.7	3105.9	2479.4	1855.3	1228.8
45°	11007.8	10102.0	9198.6	8292.9	7428.4	6566.3	5701.8	4837.3	3885.4	2933.5	1979.1
47.5°	13424.0	12430.8	11440.0	10446.8	9487.6	8530.8	7571.6	6612.4	5393.4	4176.8	2957.7
50°	14514.3	13567.3	12622.6	11675.6	10713.9	9749.9	8785.8	7824.2	6425.5	5029.1	3630.4
52.5°	14881.0	13919.4	12960.2	11998.6	11044.2	10089.9	9135.5	8181.2	6726.6	5274.4	3819.8
55°	15082.6	14067.5	13054.9	12039.8	11012.6	9983.0	8953.4	7926.2	6478.9	5034.0	3586.7
57.5°	15490.5	14385.6	13283.2	12178.3	11007.8	9837.3	8664.4	7493.9	6066.1	4638.2	3210.3
60°	15565.8	14477.9	13392.4	12307.0	11012.6	9718.3	8421.6	7127.3	5709.1	4293.4	2875.2
62.5°	14494.9	13586.7	12680.9	11772.7	10476.0	9179.2	7880.0	6583.3	5225.8	3868.4	2508.5
65°	12258.4	11474.0	10692.1	9907.7	8849.0	7792.6	6733.9	5675.1	4463.3	3254.0	2042.3
67.5°	9820.3	9052.9	8288.0	7520.6	6724.1	5930.1	5133.6	4337.1	3402.1	2467.2	1532.3
70°	7785.3	7047.1	6311.3	5573.1	4868.9	4162.2	3455.6	2751.3	2171.0	1593.0	1012.6
72.5°	6170.5	5463.8	4759.6	4052.9	3414.3	2775.6	2137.0	1498.3	1209.3	922.8	633.8
75°	3273.4	2906.8	2542.5	2175.8	1816.4	1454.6	1092.8	733.4	619.2	505.1	388.5
77.5°	1129.2	968.9	811.1	650.8	541.5	432.2	323.0	213.7	201.6	191.8	179.7
80°	342.4	291.4	240.4	189.4	167.6	145.7	123.8	102.0	94.7	87.4	77.7
82.5°	53.4	48.6	46.1	41.3	38.9	38.9	36.4	34.0	29.1	26.7	21.9
85°	4.9	2.4	2.4	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: P1067685

CATALOG NUMBER: NAV-SA3A-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: P1067685

CATALOG NUMBER: NAV-SA3A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	21.9	21.9
2.5°	19.4	19.4
5°	24.3	24.3
7.5°	29.1	29.1
10°	34.0	34.0
12.5°	38.9	38.9
15°	46.1	43.7
17.5°	53.4	51.0
20°	58.3	53.4
22.5°	70.4	60.7
25°	89.8	75.3
27.5°	116.6	92.3
30°	150.6	116.6
32.5°	223.4	162.7
35°	269.5	196.7
37.5°	330.3	228.3
40°	425.0	276.8
42.5°	602.2	376.4
45°	1027.2	624.1
47.5°	1741.1	1063.6
50°	2231.7	1364.7
52.5°	2367.7	1447.3
55°	2141.8	1328.3
57.5°	1782.4	1129.2
60°	1459.4	930.1
62.5°	1151.0	735.8
65°	830.5	556.1
67.5°	597.4	427.4
70°	434.7	335.1
72.5°	344.8	279.3
75°	274.4	233.1
77.5°	170.0	155.4
80°	70.4	65.6
82.5°	17.0	14.6
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: P1067685

CATALOG NUMBER: NAV-SA3A-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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

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

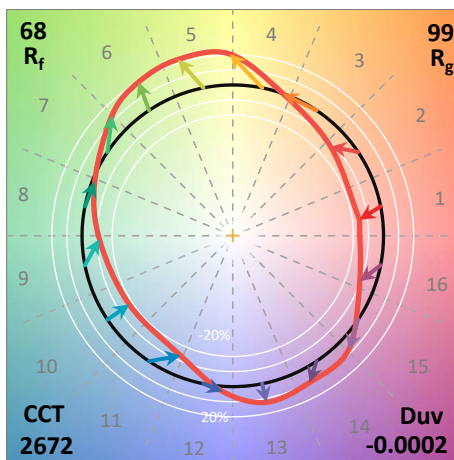
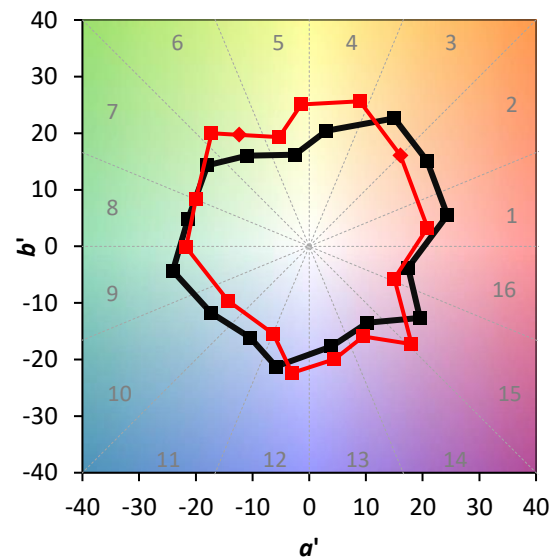
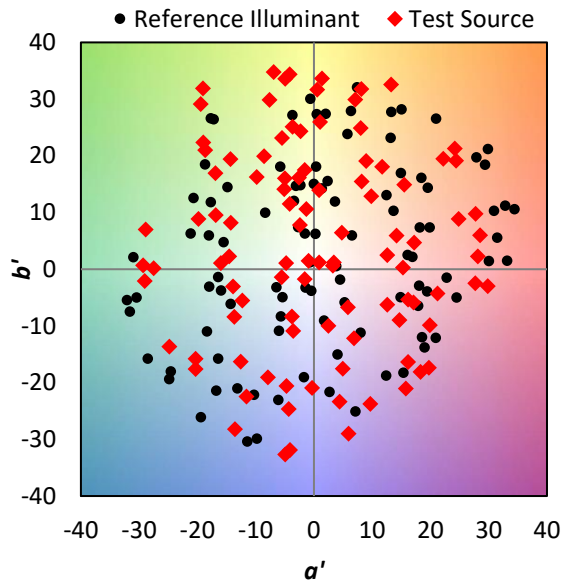
Summary

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

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)