

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: P1067687

Luminaire Tested: **NAV-SA3C-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067687
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 11968.2 lumens
Efficiency: N/A
Efficacy: 85.2 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): 140.4
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

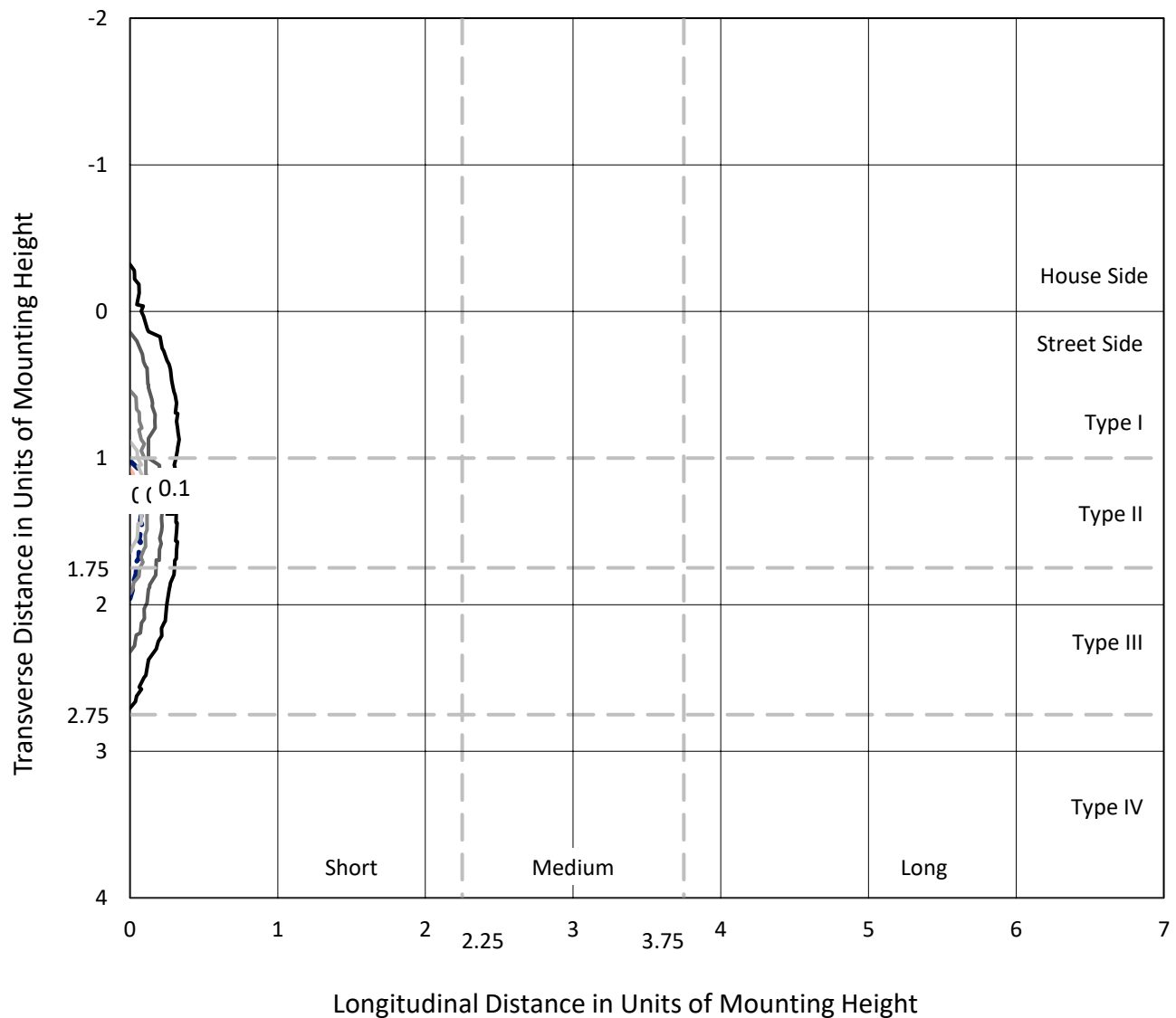


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

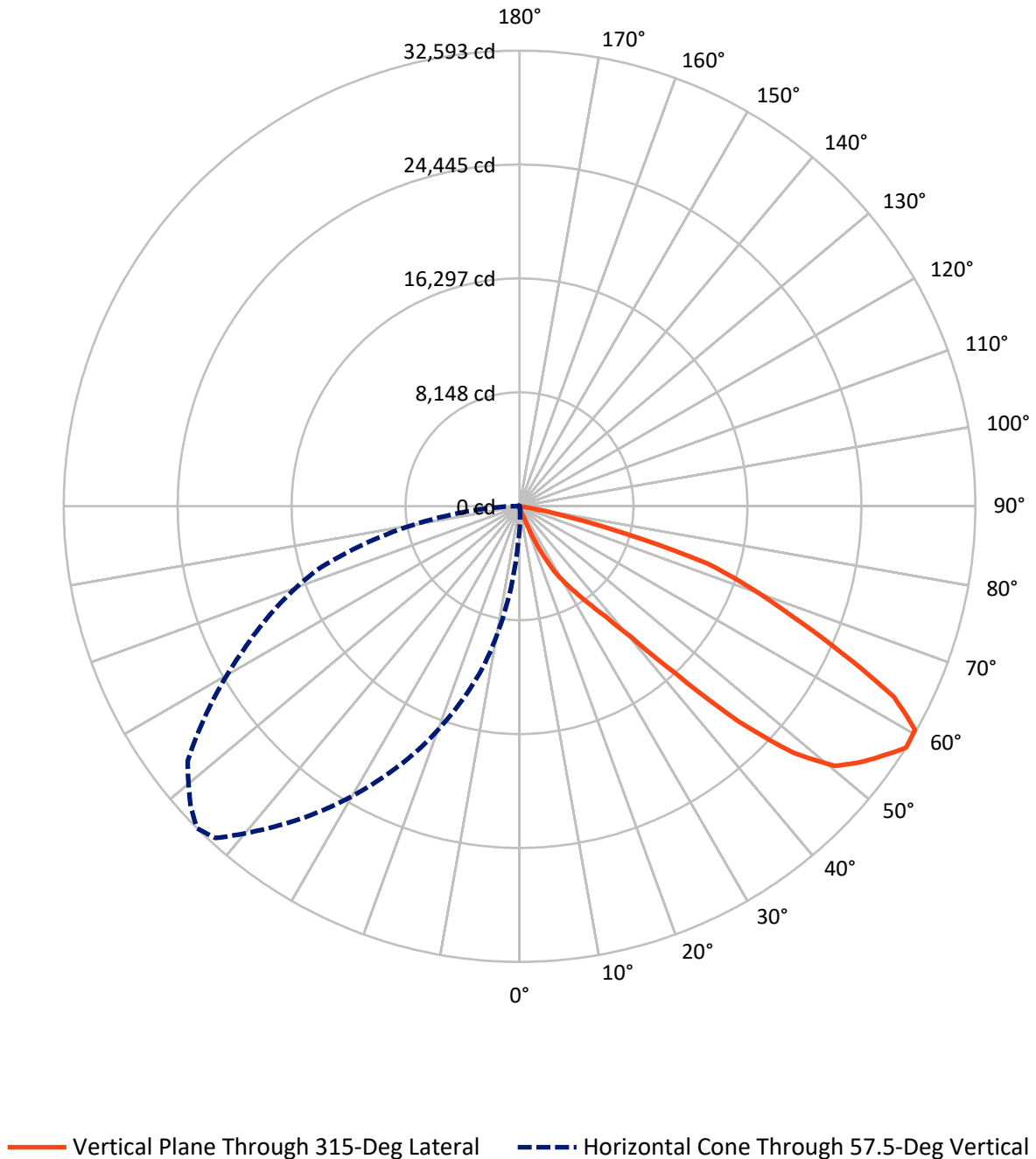


Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	71.2	0.0	71.2
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	11897.0	0.0	11897.0
	% Fixture	99.4	0.0	99.4
Total	Lumens	11968.2	0.0	11968.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.0
10°-20°	17.6	0.1
20°-30°	223.4	1.9
30°-40°	752.8	6.3
40°-50°	2273.6	19.0
50°-60°	4011.3	33.5
60°-70°	3534.0	29.5
70°-80°	1124.9	9.4
80°-90°	27.1	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°	11968.2	100.0
0°-180°	11968.2	100.0



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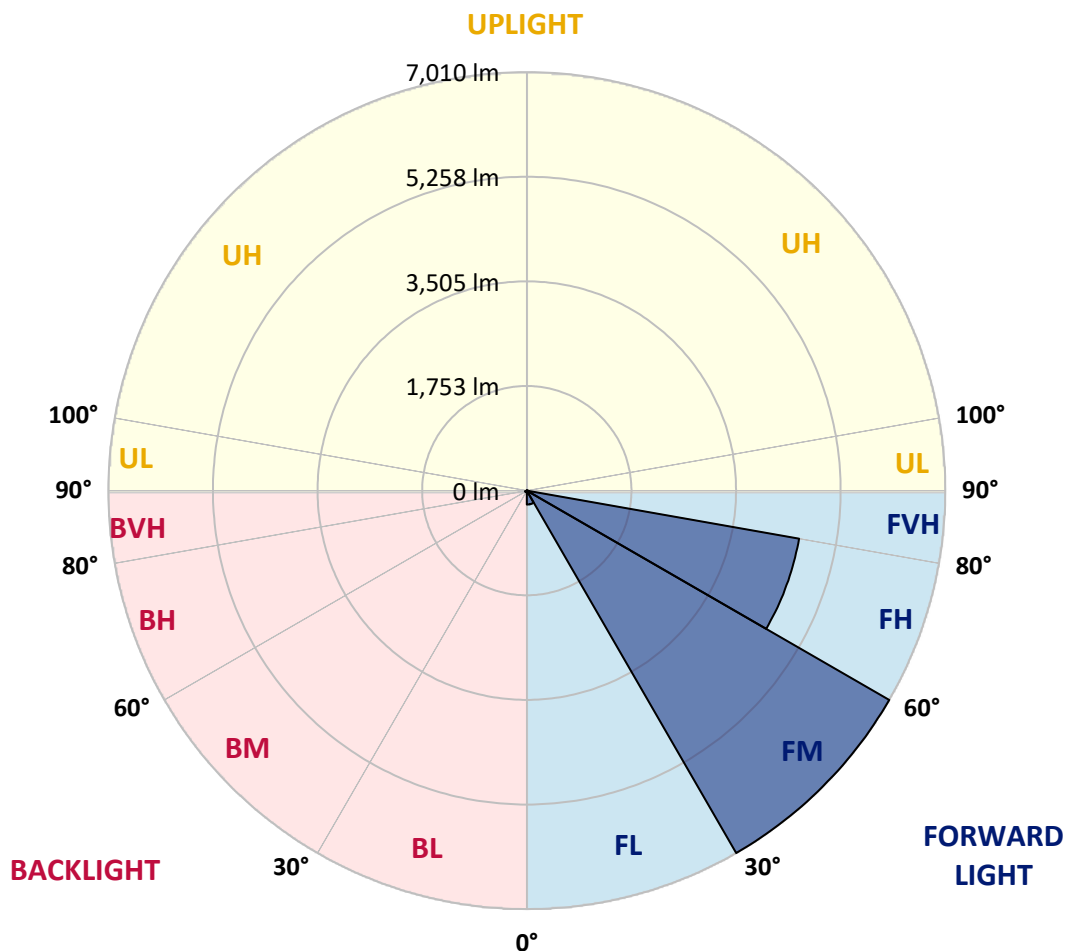
CATALOG NUMBER: NAV-SA3C-727-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	233.8	2.0			
FM	(30°-60°)	7010.2	58.6			
FH	(60°-80°)	4631.0	38.7			G2/5000
FVH	(80°-90°)	22.0	0.2			G1/100
BL	(0°-30°)	10.7	0.1	B0/110		
BM	(30°-60°)	27.6	0.2	B0/220		
BH	(60°-80°)	27.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	26.3
5°	37.5	37.5	37.5	33.8	33.8	33.8	30.0	30.0	30.0	30.0	30.0
7.5°	45.0	41.3	41.3	37.5	37.5	37.5	33.8	33.8	33.8	33.8	30.0
10°	52.5	48.8	48.8	45.0	45.0	41.3	41.3	37.5	37.5	33.8	33.8
12.5°	60.1	56.3	52.5	48.8	48.8	45.0	45.0	41.3	41.3	37.5	37.5
15°	67.6	63.8	60.1	56.3	52.5	52.5	48.8	45.0	41.3	41.3	37.5
17.5°	78.8	71.3	67.6	60.1	56.3	52.5	48.8	45.0	45.0	41.3	41.3
20°	82.6	75.1	71.3	63.8	60.1	56.3	52.5	48.8	45.0	45.0	41.3
22.5°	97.6	82.6	78.8	71.3	67.6	63.8	56.3	52.5	48.8	45.0	41.3
25°	120.1	97.6	86.3	75.1	71.3	63.8	60.1	52.5	48.8	45.0	41.3
27.5°	146.4	108.8	97.6	82.6	75.1	67.6	60.1	52.5	48.8	45.0	41.3
30°	180.2	127.6	108.8	90.1	82.6	75.1	63.8	56.3	52.5	48.8	41.3
32.5°	251.5	157.6	127.6	97.6	86.3	78.8	67.6	56.3	52.5	48.8	41.3
35°	304.0	191.4	153.9	112.6	97.6	86.3	71.3	56.3	52.5	48.8	41.3
37.5°	352.8	195.2	157.6	120.1	105.1	90.1	71.3	56.3	52.5	48.8	41.3
40°	431.6	202.7	157.6	112.6	101.3	86.3	75.1	60.1	56.3	48.8	45.0
42.5°	581.7	232.7	168.9	105.1	93.8	86.3	75.1	63.8	56.3	52.5	45.0
45°	968.3	345.3	228.9	108.8	97.6	86.3	75.1	63.8	60.1	52.5	48.8
47.5°	1647.7	600.5	356.6	112.6	101.3	86.3	75.1	60.1	56.3	52.5	45.0
50°	2109.3	769.4	450.4	131.4	112.6	97.6	78.8	60.1	56.3	52.5	48.8
52.5°	2240.7	818.2	487.9	153.9	131.4	108.8	82.6	60.1	56.3	56.3	52.5
55°	2053.0	795.7	487.9	180.2	150.1	123.9	93.8	63.8	60.1	60.1	56.3
57.5°	1745.2	735.6	465.4	195.2	165.1	131.4	101.3	67.6	63.8	63.8	60.1
60°	1437.5	619.3	420.4	217.7	183.9	150.1	116.3	82.6	78.8	75.1	67.6
62.5°	1141.0	499.2	367.8	232.7	198.9	161.4	127.6	90.1	86.3	82.6	78.8
65°	859.5	435.4	341.5	244.0	206.4	168.9	131.4	93.8	90.1	90.1	86.3
67.5°	660.6	397.8	326.5	251.5	213.9	176.4	138.9	101.3	97.6	93.8	90.1
70°	521.7	367.8	307.8	247.7	213.9	180.2	142.6	108.8	101.3	97.6	90.1
72.5°	435.4	334.0	285.2	236.5	210.2	183.9	157.6	131.4	116.3	105.1	90.1
75°	364.1	300.3	259.0	213.9	195.2	180.2	161.4	142.6	123.9	105.1	86.3
77.5°	240.2	217.7	198.9	180.2	168.9	157.6	142.6	131.4	112.6	97.6	78.8
80°	101.3	93.8	97.6	97.6	97.6	97.6	93.8	93.8	82.6	71.3	56.3
82.5°	22.5	18.8	22.5	22.5	22.5	22.5	18.8	18.8	18.8	15.0	15.0
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):

	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°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
5°	30.0	30.0	30.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
7.5°	30.0	30.0	30.0	26.3	26.3	26.3	26.3	22.5	22.5	22.5	22.5
10°	30.0	30.0	30.0	26.3	26.3	26.3	26.3	22.5	22.5	22.5	22.5
12.5°	33.8	33.8	30.0	30.0	26.3	26.3	26.3	22.5	22.5	22.5	22.5
15°	33.8	33.8	30.0	30.0	26.3	26.3	26.3	22.5	22.5	22.5	22.5
17.5°	37.5	33.8	33.8	30.0	26.3	26.3	26.3	22.5	22.5	22.5	22.5
20°	37.5	33.8	33.8	30.0	26.3	26.3	26.3	22.5	22.5	22.5	22.5
22.5°	37.5	33.8	33.8	30.0	26.3	26.3	22.5	22.5	18.8	18.8	15.0
25°	37.5	33.8	33.8	30.0	26.3	26.3	22.5	22.5	18.8	15.0	15.0
27.5°	37.5	33.8	33.8	30.0	26.3	22.5	22.5	18.8	15.0	11.3	11.3
30°	37.5	33.8	33.8	30.0	26.3	22.5	18.8	15.0	11.3	11.3	7.5
32.5°	37.5	33.8	30.0	26.3	22.5	18.8	18.8	15.0	11.3	7.5	7.5
35°	37.5	33.8	30.0	26.3	22.5	18.8	18.8	15.0	11.3	7.5	7.5
37.5°	37.5	33.8	30.0	26.3	22.5	18.8	15.0	11.3	7.5	7.5	3.8
40°	37.5	33.8	30.0	26.3	22.5	18.8	15.0	11.3	7.5	7.5	3.8
42.5°	37.5	33.8	30.0	26.3	22.5	18.8	15.0	11.3	7.5	7.5	3.8
45°	41.3	37.5	33.8	26.3	22.5	18.8	18.8	15.0	11.3	7.5	7.5
47.5°	41.3	37.5	33.8	26.3	22.5	18.8	18.8	15.0	11.3	7.5	7.5
50°	45.0	41.3	37.5	30.0	26.3	22.5	18.8	11.3	7.5	7.5	3.8
52.5°	48.8	45.0	41.3	37.5	33.8	26.3	18.8	11.3	3.8	3.8	3.8
55°	52.5	48.8	48.8	45.0	41.3	30.0	22.5	11.3	0.0	0.0	0.0
57.5°	56.3	52.5	52.5	48.8	45.0	33.8	22.5	11.3	0.0	0.0	0.0
60°	63.8	60.1	56.3	48.8	45.0	33.8	22.5	11.3	0.0	0.0	0.0
62.5°	75.1	67.6	56.3	48.8	37.5	30.0	18.8	11.3	0.0	0.0	0.0
65°	82.6	71.3	60.1	45.0	33.8	26.3	18.8	7.5	0.0	0.0	0.0
67.5°	86.3	71.3	60.1	45.0	30.0	22.5	15.0	7.5	0.0	0.0	0.0
70°	82.6	67.6	56.3	41.3	26.3	18.8	15.0	7.5	0.0	0.0	0.0
72.5°	75.1	63.8	48.8	37.5	22.5	18.8	11.3	7.5	0.0	0.0	0.0
75°	67.6	56.3	41.3	30.0	15.0	11.3	7.5	3.8	0.0	0.0	0.0
77.5°	60.1	48.8	33.8	22.5	7.5	7.5	3.8	3.8	0.0	0.0	0.0
80°	45.0	33.8	22.5	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.3	7.5	7.5	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
5°	22.5	22.5	22.5	22.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8
7.5°	22.5	22.5	22.5	22.5	18.8	18.8	18.8	18.8	15.0	15.0	15.0
10°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	15.0	15.0	15.0
12.5°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	15.0	15.0	15.0
15°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	15.0	15.0	11.3	11.3
17.5°	18.8	18.8	18.8	18.8	15.0	15.0	15.0	11.3	11.3	7.5	7.5
20°	18.8	18.8	18.8	15.0	15.0	11.3	11.3	7.5	7.5	3.8	3.8
22.5°	15.0	11.3	11.3	7.5	7.5	3.8	3.8	3.8	0.0	0.0	0.0
25°	11.3	7.5	7.5	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	7.5	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	7.5	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	22.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
5°	18.8	18.8	18.8	18.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0
7.5°	15.0	15.0	15.0	15.0	15.0	15.0	11.3	11.3	11.3	11.3	11.3
10°	15.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	7.5	7.5
12.5°	15.0	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5	3.8	3.8
15°	11.3	7.5	7.5	7.5	3.8	3.8	3.8	3.8	3.8	0.0	0.0
17.5°	7.5	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	22.5	22.5
5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
7.5°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
10°	7.5	7.5	7.5	7.5	7.5	7.5	3.8	3.8	3.8	3.8	3.8
12.5°	3.8	3.8	3.8	3.8	3.8	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	22.5	22.5	22.5	22.5	22.5	26.3	26.3	30.0	30.0	33.8	33.8
5°	15.0	15.0	18.8	18.8	18.8	18.8	22.5	22.5	22.5	26.3	26.3
7.5°	11.3	11.3	11.3	11.3	11.3	15.0	15.0	18.8	18.8	22.5	22.5
10°	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.0	18.8
12.5°	0.0	0.0	3.8	3.8	3.8	3.8	7.5	7.5	7.5	11.3	15.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	7.5	11.3
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.5
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	37.5	37.5	41.3	41.3	45.0	45.0	48.8	48.8	48.8	48.8	48.8
5°	30.0	30.0	33.8	37.5	37.5	41.3	45.0	45.0	45.0	45.0	45.0
7.5°	26.3	26.3	30.0	33.8	33.8	37.5	41.3	41.3	45.0	45.0	45.0
10°	18.8	22.5	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3	41.3
12.5°	15.0	18.8	22.5	26.3	26.3	30.0	33.8	33.8	37.5	37.5	41.3
15°	11.3	15.0	18.8	22.5	22.5	26.3	30.0	30.0	33.8	37.5	41.3
17.5°	7.5	11.3	15.0	18.8	18.8	22.5	26.3	30.0	33.8	33.8	37.5
20°	7.5	7.5	11.3	15.0	15.0	18.8	22.5	26.3	30.0	30.0	33.8
22.5°	3.8	3.8	7.5	11.3	11.3	15.0	18.8	22.5	26.3	26.3	30.0
25°	0.0	0.0	3.8	7.5	7.5	11.3	15.0	15.0	18.8	18.8	22.5
27.5°	0.0	0.0	3.8	3.8	7.5	7.5	11.3	11.3	15.0	15.0	18.8
30°	0.0	0.0	3.8	3.8	7.5	7.5	11.3	11.3	15.0	15.0	15.0
32.5°	0.0	0.0	0.0	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.0
35°	0.0	0.0	0.0	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3
37.5°	0.0	0.0	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3
40°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
45°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
50°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
55°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	48.8	48.8
5°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	45.0	45.0
7.5°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	45.0	45.0
10°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
12.5°	41.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
15°	41.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
17.5°	37.5	41.3	41.3	41.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
20°	33.8	37.5	37.5	37.5	41.3	41.3	41.3	41.3	45.0	45.0	45.0
22.5°	30.0	33.8	33.8	33.8	37.5	37.5	37.5	37.5	41.3	41.3	41.3
25°	26.3	26.3	30.0	30.0	33.8	33.8	33.8	33.8	33.8	33.8	33.8
27.5°	18.8	22.5	22.5	22.5	26.3	26.3	26.3	26.3	30.0	30.0	30.0
30°	18.8	18.8	18.8	18.8	22.5	22.5	22.5	22.5	26.3	26.3	26.3
32.5°	15.0	18.8	18.8	18.8	22.5	22.5	22.5	22.5	26.3	26.3	26.3
35°	15.0	15.0	15.0	15.0	18.8	18.8	18.8	18.8	22.5	22.5	22.5
37.5°	11.3	15.0	15.0	15.0	18.8	18.8	18.8	18.8	22.5	22.5	22.5
40°	11.3	11.3	11.3	11.3	15.0	15.0	15.0	15.0	18.8	18.8	18.8
42.5°	11.3	11.3	11.3	11.3	15.0	15.0	15.0	15.0	18.8	18.8	18.8
45°	11.3	11.3	11.3	11.3	15.0	15.0	15.0	15.0	18.8	18.8	18.8
47.5°	11.3	11.3	11.3	11.3	15.0	15.0	15.0	15.0	18.8	18.8	18.8
50°	11.3	11.3	11.3	11.3	15.0	15.0	15.0	15.0	18.8	18.8	18.8
52.5°	7.5	7.5	7.5	7.5	11.3	11.3	11.3	11.3	15.0	15.0	15.0
55°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11.3	11.3	11.3
57.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11.3	11.3	11.3
60°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
62.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	3.8	3.8
67.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	7.5	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5	7.5
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	48.8	48.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	48.8	48.8
5°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	48.8	48.8
7.5°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	48.8	48.8
10°	45.0	45.0	45.0	45.0	41.3	41.3	45.0	45.0	45.0	48.8	48.8
12.5°	45.0	45.0	45.0	45.0	41.3	41.3	45.0	45.0	48.8	48.8	52.5
15°	45.0	45.0	41.3	41.3	41.3	41.3	45.0	45.0	48.8	48.8	52.5
17.5°	45.0	45.0	41.3	41.3	41.3	41.3	45.0	45.0	48.8	48.8	52.5
20°	45.0	45.0	41.3	41.3	41.3	41.3	41.3	41.3	45.0	48.8	48.8
22.5°	41.3	41.3	41.3	41.3	37.5	37.5	41.3	41.3	45.0	48.8	48.8
25°	33.8	37.5	37.5	37.5	37.5	37.5	41.3	41.3	45.0	48.8	48.8
27.5°	30.0	33.8	33.8	33.8	33.8	37.5	37.5	41.3	45.0	48.8	48.8
30°	26.3	30.0	30.0	30.0	33.8	37.5	37.5	41.3	45.0	48.8	48.8
32.5°	26.3	30.0	30.0	30.0	33.8	33.8	37.5	37.5	41.3	45.0	48.8
35°	26.3	26.3	30.0	30.0	30.0	33.8	33.8	37.5	41.3	45.0	48.8
37.5°	26.3	26.3	30.0	30.0	30.0	33.8	33.8	37.5	41.3	45.0	48.8
40°	22.5	26.3	26.3	30.0	30.0	33.8	33.8	37.5	41.3	48.8	52.5
42.5°	22.5	22.5	26.3	26.3	30.0	33.8	33.8	37.5	41.3	48.8	52.5
45°	22.5	26.3	26.3	30.0	33.8	37.5	37.5	41.3	45.0	48.8	52.5
47.5°	22.5	26.3	26.3	30.0	37.5	37.5	41.3	41.3	45.0	48.8	52.5
50°	22.5	26.3	26.3	30.0	41.3	41.3	41.3	41.3	45.0	48.8	52.5
52.5°	18.8	22.5	22.5	26.3	33.8	37.5	41.3	45.0	48.8	52.5	56.3
55°	15.0	18.8	18.8	22.5	30.0	33.8	41.3	48.8	52.5	56.3	60.1
57.5°	15.0	15.0	18.8	18.8	26.3	33.8	45.0	52.5	56.3	60.1	63.8
60°	11.3	11.3	15.0	15.0	22.5	30.0	41.3	52.5	56.3	63.8	67.6
62.5°	7.5	11.3	11.3	15.0	18.8	30.0	41.3	52.5	60.1	67.6	71.3
65°	7.5	7.5	11.3	11.3	18.8	26.3	37.5	45.0	56.3	67.6	78.8
67.5°	11.3	11.3	15.0	15.0	18.8	26.3	37.5	45.0	56.3	71.3	82.6
70°	11.3	11.3	15.0	15.0	22.5	30.0	37.5	45.0	56.3	71.3	82.6
72.5°	11.3	11.3	15.0	15.0	22.5	26.3	33.8	41.3	52.5	63.8	75.1
75°	7.5	11.3	11.3	11.3	18.8	22.5	30.0	37.5	48.8	60.1	71.3
77.5°	7.5	7.5	7.5	7.5	15.0	18.8	26.3	30.0	41.3	52.5	63.8
80°	7.5	7.5	7.5	7.5	11.3	15.0	22.5	26.3	37.5	48.8	60.1
82.5°	7.5	7.5	3.8	3.8	7.5	11.3	15.0	18.8	30.0	37.5	48.8
85°	7.5	7.5	3.8	3.8	3.8	7.5	7.5	11.3	15.0	18.8	22.5
87.5°	7.5	7.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	48.8	48.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
5°	48.8	52.5	52.5	56.3	56.3	56.3	60.1	60.1	60.1	60.1	60.1
7.5°	48.8	52.5	52.5	56.3	56.3	56.3	60.1	60.1	60.1	63.8	63.8
10°	48.8	52.5	52.5	56.3	56.3	60.1	63.8	63.8	67.6	67.6	67.6
12.5°	52.5	56.3	56.3	60.1	60.1	63.8	67.6	67.6	71.3	75.1	75.1
15°	52.5	56.3	60.1	60.1	63.8	67.6	71.3	71.3	75.1	78.8	82.6
17.5°	52.5	56.3	60.1	60.1	63.8	67.6	75.1	78.8	82.6	90.1	93.8
20°	52.5	56.3	60.1	60.1	63.8	71.3	75.1	82.6	86.3	93.8	101.3
22.5°	52.5	56.3	60.1	63.8	67.6	75.1	82.6	86.3	93.8	105.1	112.6
25°	52.5	56.3	60.1	63.8	67.6	75.1	82.6	90.1	97.6	112.6	127.6
27.5°	52.5	56.3	63.8	67.6	71.3	78.8	90.1	97.6	105.1	131.4	157.6
30°	52.5	56.3	63.8	67.6	71.3	82.6	93.8	101.3	112.6	157.6	198.9
32.5°	52.5	60.1	63.8	71.3	75.1	86.3	101.3	112.6	123.9	187.7	247.7
35°	52.5	60.1	63.8	71.3	75.1	90.1	105.1	120.1	135.1	228.9	322.8
37.5°	52.5	60.1	63.8	71.3	75.1	97.6	120.1	142.6	165.1	262.7	360.3
40°	56.3	63.8	67.6	75.1	78.8	101.3	123.9	146.4	168.9	266.5	364.1
42.5°	56.3	63.8	67.6	75.1	78.8	97.6	120.1	138.9	157.6	266.5	375.3
45°	56.3	63.8	71.3	75.1	82.6	101.3	120.1	135.1	153.9	292.8	427.9
47.5°	56.3	63.8	71.3	75.1	82.6	101.3	120.1	138.9	157.6	386.6	611.8
50°	56.3	63.8	71.3	75.1	82.6	105.1	127.6	150.1	172.6	578.0	983.3
52.5°	60.1	63.8	71.3	75.1	78.8	105.1	131.4	157.6	183.9	750.6	1313.6
55°	63.8	67.6	71.3	75.1	78.8	112.6	146.4	180.2	213.9	806.9	1396.2
57.5°	67.6	71.3	75.1	75.1	78.8	120.1	165.1	206.4	247.7	803.2	1354.9
60°	71.3	75.1	78.8	82.6	86.3	127.6	172.6	213.9	255.2	728.1	1201.0
62.5°	78.8	86.3	93.8	97.6	105.1	146.4	183.9	225.2	262.7	596.8	927.0
65°	90.1	97.6	101.3	108.8	112.6	150.1	191.4	228.9	266.5	495.4	720.6
67.5°	93.8	101.3	105.1	112.6	116.3	153.9	191.4	228.9	266.5	420.4	570.5
70°	93.8	101.3	108.8	112.6	120.1	157.6	191.4	228.9	262.7	364.1	465.4
72.5°	86.3	97.6	105.1	116.3	123.9	157.6	187.7	221.4	251.5	322.8	394.1
75°	82.6	97.6	108.8	123.9	135.1	157.6	183.9	206.4	228.9	281.5	334.0
77.5°	75.1	93.8	112.6	131.4	150.1	165.1	176.4	191.4	202.7	236.5	270.2
80°	71.3	90.1	108.8	127.6	146.4	153.9	157.6	165.1	168.9	172.6	176.4
82.5°	56.3	71.3	86.3	97.6	112.6	105.1	101.3	93.8	86.3	82.6	78.8
85°	26.3	30.0	30.0	33.8	33.8	33.8	30.0	30.0	26.3	22.5	18.8
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	52.5	52.5	52.5	52.5	48.8	48.8	48.8	48.8	45.0	45.0	45.0
5°	60.1	60.1	60.1	60.1	56.3	56.3	56.3	56.3	52.5	52.5	52.5
7.5°	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
10°	71.3	71.3	71.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
12.5°	78.8	78.8	82.6	82.6	86.3	86.3	90.1	90.1	93.8	93.8	93.8
15°	86.3	90.1	93.8	97.6	97.6	101.3	105.1	108.8	112.6	116.3	120.1
17.5°	101.3	105.1	112.6	120.1	127.6	135.1	146.4	161.4	172.6	183.9	198.9
20°	112.6	123.9	146.4	172.6	195.2	217.7	274.0	330.3	386.6	442.9	499.2
22.5°	135.1	157.6	232.7	311.5	386.6	461.6	638.0	814.4	987.1	1163.5	1321.1
25°	180.2	228.9	401.6	574.2	743.1	915.8	1231.1	1550.1	1865.4	2180.6	2473.4
27.5°	247.7	337.8	619.3	904.5	1186.0	1467.5	1925.4	2387.1	2844.9	3306.6	3715.7
30°	345.3	491.7	912.0	1336.1	1756.5	2176.9	2754.9	3336.6	3914.6	4492.6	4867.9
32.5°	469.2	686.8	1219.8	1752.8	2285.7	2818.7	3456.7	4094.8	4729.1	5367.1	5765.0
35°	600.5	878.3	1520.1	2165.6	2807.4	3453.0	4124.8	4796.6	5468.4	6140.3	6628.2
37.5°	675.6	990.9	1752.8	2514.7	3272.8	4034.7	4770.3	5509.7	6245.4	6981.0	7574.0
40°	746.9	1126.0	2004.2	2882.5	3760.7	4639.0	5498.5	6358.0	7217.5	8076.9	8838.8
42.5°	852.0	1328.6	2353.3	3377.9	4398.8	5423.4	6553.1	7686.6	8816.3	9946.0	11117.1
45°	1069.7	1711.5	3040.1	4368.8	5693.6	7022.3	8624.9	10231.3	11833.9	13440.3	14941.6
47.5°	1595.1	2574.7	4387.5	6200.3	8013.1	9825.9	11672.5	13519.1	15365.7	17212.3	18998.8
50°	2469.6	3952.1	6219.1	8486.0	10749.2	13016.2	14859.0	16701.8	18540.9	20383.8	22159.0
52.5°	3291.6	5269.5	7705.4	10145.0	12580.8	15020.4	16653.1	18285.7	19918.4	21551.0	23270.0
55°	3573.1	5746.2	8212.1	10681.7	13147.5	15617.2	17189.8	18766.1	20338.7	21911.3	23694.1
57.5°	3325.4	5295.8	7780.4	10265.1	12745.9	15230.6	16987.1	18747.4	20503.9	22264.1	24174.5
60°	2784.9	4365.0	6973.5	9585.7	12194.2	14802.7	16784.4	18766.1	20747.8	22729.5	24636.2
62.5°	2206.9	3483.0	6245.4	9007.7	11770.1	14532.5	16548.0	18567.2	20582.7	22598.2	24061.9
65°	1692.7	2664.8	5382.1	8103.2	10820.5	13541.6	15193.1	16848.2	18499.6	20154.8	21168.2
67.5°	1257.3	1944.2	4320.0	6699.5	9075.3	11451.1	12667.1	13886.9	15103.0	16322.8	17110.9
70°	927.0	1384.9	3002.6	4620.2	6234.1	7851.7	8966.5	10081.2	11192.1	12306.8	13125.0
72.5°	641.8	885.8	1854.1	2826.2	3794.5	4762.8	5892.6	7022.3	8148.2	9278.0	10208.8
75°	439.1	544.2	998.4	1452.5	1906.6	2360.8	3216.5	4072.2	4928.0	5783.7	6275.4
77.5°	326.5	382.8	517.9	656.8	791.9	927.0	1092.2	1257.3	1422.5	1587.6	1801.5
80°	180.2	180.2	198.9	213.9	232.7	247.7	292.8	341.5	386.6	435.4	495.4
82.5°	82.6	86.3	93.8	101.3	105.1	112.6	120.1	127.6	135.1	142.6	142.6
85°	22.5	26.3	26.3	22.5	22.5	18.8	18.8	22.5	22.5	22.5	22.5
87.5°	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	45.0	41.3	41.3	41.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5
5°	52.5	52.5	52.5	52.5	48.8	48.8	48.8	48.8	48.8	45.0	45.0
7.5°	63.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	56.3	56.3
10°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	71.3	71.3
12.5°	93.8	93.8	93.8	93.8	97.6	97.6	93.8	93.8	93.8	90.1	90.1
15°	123.9	127.6	131.4	131.4	135.1	135.1	135.1	131.4	131.4	127.6	123.9
17.5°	210.2	221.4	236.5	251.5	266.5	277.7	277.7	270.2	262.7	255.2	247.7
20°	559.2	615.5	675.6	735.6	799.4	844.5	814.4	791.9	769.4	743.1	720.6
22.5°	1482.5	1640.2	1801.5	1914.1	2026.7	2105.6	2041.8	1917.9	1794.0	1673.9	1550.1
25°	2766.1	3055.1	3347.9	3468.0	3591.8	3681.9	3640.6	3453.0	3265.3	3081.4	2893.7
27.5°	4124.8	4530.1	4939.2	5044.3	5149.4	5228.2	5213.2	4969.3	4725.3	4481.3	4237.4
30°	5243.3	5618.6	5993.9	6099.0	6204.1	6275.4	6196.6	5952.6	5708.7	5464.7	5220.7
32.5°	6166.5	6564.4	6966.0	7104.9	7243.7	7337.6	7243.7	6951.0	6658.2	6369.2	6076.5
35°	7116.1	7600.3	8088.2	8264.6	8441.0	8553.6	8396.0	8035.7	7675.3	7318.8	6958.5
37.5°	8167.0	8756.3	9349.3	9589.5	9833.4	10002.3	9882.2	9431.9	8977.7	8527.3	8073.2
40°	9604.5	10366.4	11132.1	11563.7	11991.6	12295.6	12081.6	11559.9	11034.5	10512.8	9987.3
42.5°	12291.8	13462.8	14633.8	15253.1	15868.6	16315.3	16075.1	15433.3	14791.5	14149.7	13507.9
45°	16442.9	17940.4	19441.7	20346.2	21254.5	21922.6	21644.8	20837.9	20027.2	19220.3	18413.3
47.5°	20785.4	22571.9	24358.4	25079.0	25803.4	26366.4	26298.8	25293.0	24287.1	23285.0	22279.1
50°	23938.1	25713.3	27488.6	28107.9	28730.9	29192.6	29019.9	27740.1	26456.5	25176.6	23893.0
52.5°	24989.0	26704.2	28423.2	29162.6	29901.9	30453.7	30243.5	28802.2	27361.0	25923.5	24482.3
55°	25476.9	27259.7	29042.4	29943.2	30847.7	31508.3	31204.3	29624.2	28040.3	26460.2	24876.4
57.5°	26084.9	27995.3	29905.7	30892.8	31879.9	32593.0	32187.7	30551.2	28914.8	27282.2	25645.8
60°	26542.8	28445.7	30352.3	31144.3	31939.9	32495.4	32105.1	30513.7	28918.6	27327.2	25735.9
62.5°	25529.4	26993.2	28456.9	29046.2	29635.5	30063.3	29841.9	28333.1	26824.3	25315.5	23806.7
65°	22185.3	23198.7	24215.8	24613.6	25007.7	25311.7	25244.2	23971.8	22699.5	21430.9	20158.6
67.5°	17902.9	18691.1	19483.0	20046.0	20612.7	21051.8	21003.0	19843.3	18683.6	17523.8	16364.1
70°	13947.0	14765.2	15583.4	16292.7	17005.9	17557.6	17486.3	16409.1	15328.2	14251.0	13170.1
72.5°	11143.3	12074.1	13004.9	13410.3	13815.6	14100.9	13890.7	13076.2	12258.0	11443.6	10625.4
75°	6767.1	7255.0	7746.7	7742.9	7742.9	7697.9	7487.7	7022.3	6556.9	6091.5	5626.1
77.5°	2015.5	2229.4	2443.3	2649.8	2860.0	3017.6	2976.3	2732.3	2484.6	2240.7	1993.0
80°	555.5	611.8	671.8	698.1	724.4	758.2	844.5	784.4	724.4	668.1	608.0
82.5°	142.6	142.6	142.6	138.9	135.1	127.6	116.3	108.8	101.3	93.8	86.3
85°	22.5	18.8	18.8	18.8	15.0	15.0	15.0	15.0	11.3	11.3	7.5
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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	37.5	37.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	30.0
5°	45.0	45.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	37.5
7.5°	56.3	56.3	52.5	52.5	52.5	52.5	48.8	48.8	48.8	48.8	45.0
10°	71.3	67.6	67.6	63.8	63.8	63.8	60.1	60.1	60.1	56.3	56.3
12.5°	90.1	86.3	86.3	82.6	78.8	78.8	75.1	71.3	67.6	67.6	63.8
15°	120.1	116.3	112.6	108.8	105.1	97.6	93.8	86.3	82.6	78.8	75.1
17.5°	228.9	210.2	191.4	172.6	157.6	142.6	127.6	112.6	105.1	97.6	90.1
20°	638.0	551.7	469.2	386.6	334.0	281.5	228.9	176.4	153.9	135.1	112.6
22.5°	1381.2	1208.5	1039.6	867.0	728.1	593.0	454.1	315.3	262.7	213.9	161.4
25°	2567.2	2236.9	1910.4	1580.1	1317.4	1054.7	791.9	529.2	431.6	334.0	236.5
27.5°	3809.5	3381.7	2953.8	2525.9	2109.3	1689.0	1268.6	852.0	683.1	517.9	349.0
30°	4766.6	4312.5	3862.1	3407.9	2882.5	2357.0	1827.8	1302.4	1035.9	769.4	499.2
32.5°	5588.6	5096.9	4609.0	4117.3	3509.3	2901.2	2293.2	1685.2	1351.2	1017.1	679.3
35°	6403.0	5843.8	5288.3	4729.1	4076.0	3422.9	2769.9	2116.8	1692.7	1268.6	840.7
37.5°	7393.9	6710.8	6031.4	5352.1	4680.3	4012.2	3340.4	2668.5	2128.1	1591.4	1050.9
40°	9120.3	8249.6	7382.6	6511.8	5727.4	4946.7	4162.3	3377.9	2698.6	2019.2	1336.1
42.5°	12415.7	11323.5	10235.0	9142.9	8058.2	6973.5	5885.1	4800.4	3832.0	2867.5	1899.1
45°	17013.4	15613.4	14217.2	12817.3	11481.1	10148.7	8812.6	7476.4	6005.2	4533.9	3058.9
47.5°	20747.8	19212.8	17681.4	16146.4	14663.8	13185.1	11702.6	10220.0	8335.9	6455.5	4571.4
50°	22433.0	20969.3	19509.3	18045.5	16559.2	15069.2	13579.2	12092.9	9931.0	7772.9	5611.1
52.5°	22999.8	21513.5	20031.0	18544.7	17069.7	15594.6	14119.6	12644.6	10396.4	8152.0	5903.8
55°	23311.3	21742.4	20177.3	18608.5	17020.9	15429.5	13838.1	12250.5	10013.6	7780.4	5543.5
57.5°	23941.8	22234.1	20530.1	18822.4	17013.4	15204.3	13391.5	11582.4	9375.6	7168.7	4961.8
60°	24058.2	22376.7	20699.0	19021.3	17020.9	15020.4	13016.2	11015.7	8823.8	6635.7	4443.8
62.5°	22403.0	20999.3	19599.3	18195.6	16191.4	14187.2	12179.2	10175.0	8076.9	5978.9	3877.1
65°	18946.3	17734.0	16525.4	15313.2	13676.7	12044.1	10407.7	8771.3	6898.4	5029.3	3156.5
67.5°	15178.0	13992.0	12809.8	11623.7	10392.7	9165.4	7934.3	6703.3	5258.3	3813.3	2368.3
70°	12032.8	10891.9	9754.6	8613.6	7525.2	6433.0	5340.8	4252.4	3355.4	2462.1	1565.1
72.5°	9536.9	8444.8	7356.3	6264.1	5277.0	4289.9	3302.8	2315.7	1869.1	1426.2	979.6
75°	5059.3	4492.6	3929.6	3362.9	2807.4	2248.2	1689.0	1133.5	957.1	780.7	600.5
77.5°	1745.2	1497.5	1253.6	1005.9	837.0	668.1	499.2	330.3	311.5	296.5	277.7
80°	529.2	450.4	371.6	292.8	259.0	225.2	191.4	157.6	146.4	135.1	120.1
82.5°	82.6	75.1	71.3	63.8	60.1	60.1	56.3	52.5	45.0	41.3	33.8
85°	7.5	3.8	3.8	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: P1067687

CATALOG NUMBER: NAV-SA3C-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: P1067687

CATALOG NUMBER: NAV-SA3C-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	33.8	33.8
2.5°	30.0	30.0
5°	37.5	37.5
7.5°	45.0	45.0
10°	52.5	52.5
12.5°	60.1	60.1
15°	71.3	67.6
17.5°	82.6	78.8
20°	90.1	82.6
22.5°	108.8	93.8
25°	138.9	116.3
27.5°	180.2	142.6
30°	232.7	180.2
32.5°	345.3	251.5
35°	416.6	304.0
37.5°	510.4	352.8
40°	656.8	427.9
42.5°	930.8	581.7
45°	1587.6	964.6
47.5°	2691.1	1643.9
50°	3449.2	2109.3
52.5°	3659.4	2236.9
55°	3310.3	2053.0
57.5°	2754.9	1745.2
60°	2255.7	1437.5
62.5°	1779.0	1137.2
65°	1283.6	859.5
67.5°	923.3	660.6
70°	671.8	517.9
72.5°	533.0	431.6
75°	424.1	360.3
77.5°	262.7	240.2
80°	108.8	101.3
82.5°	26.3	22.5
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: P1067687

CATALOG NUMBER: NAV-SA3C-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 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)