

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: P1067689

Luminaire Tested: **NAV-SA4A-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067689
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4A-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10219.2 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4
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

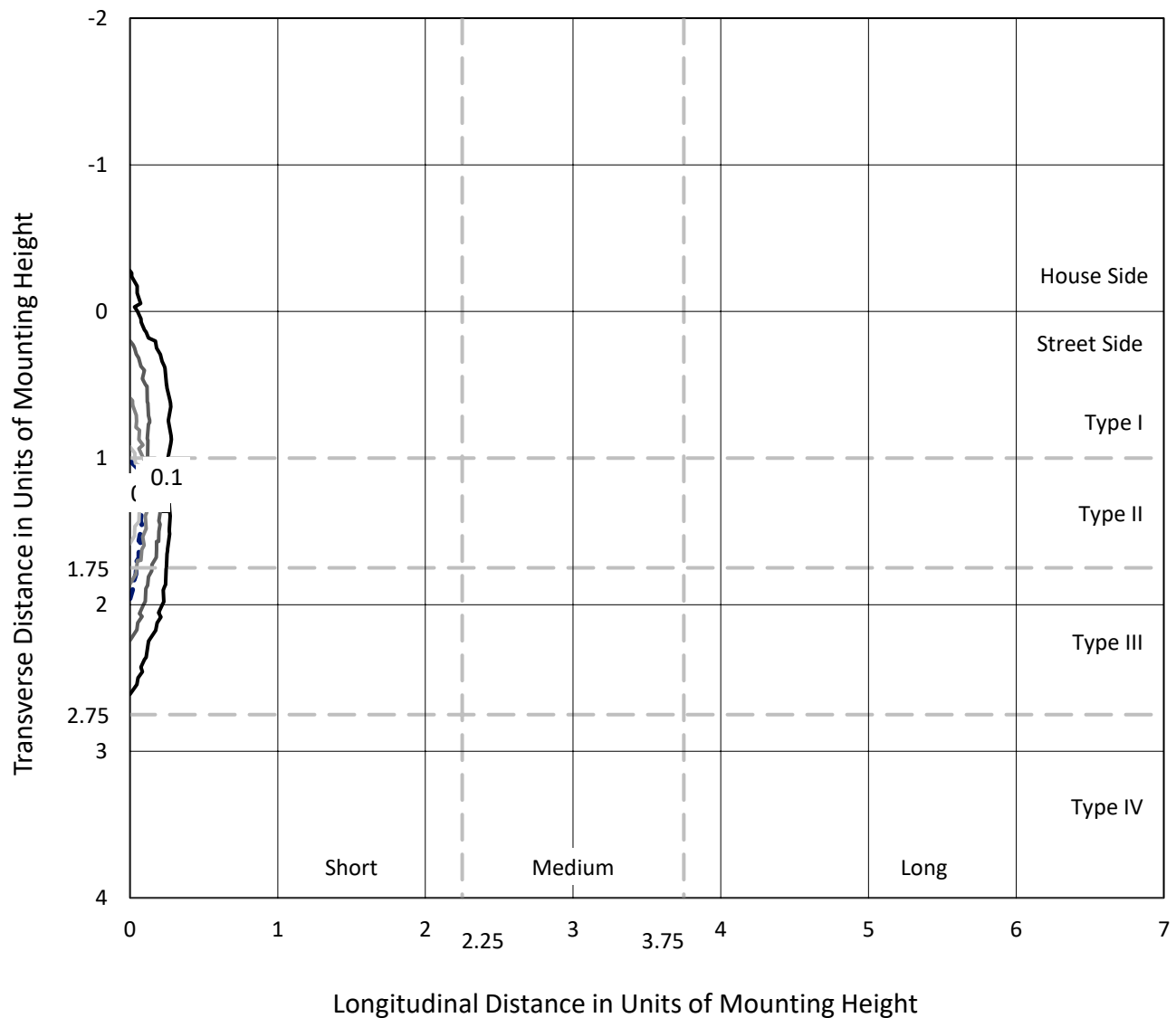


REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

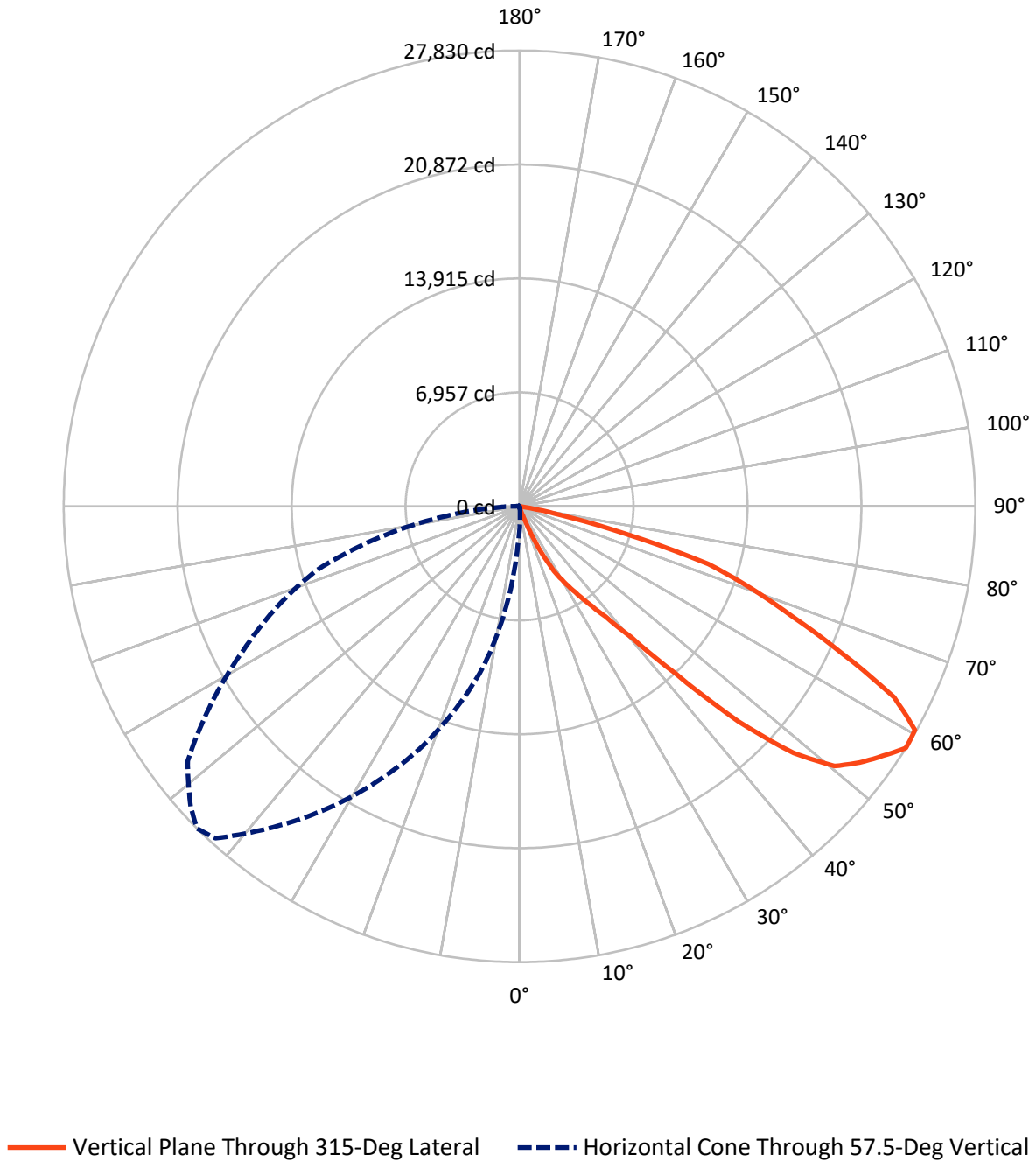


Based on 15 foot mounting height. Maximum calculated value = 2 fc
 Type III - Short - N/A

REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	60.8	0.0	60.8
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	10158.4	0.0	10158.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	10219.1	0.0	10219.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.0
10°-20°	15.0	0.1
20°-30°	190.7	1.9
30°-40°	642.8	6.3
40°-50°	1941.3	19.0
50°-60°	3425.1	33.5
60°-70°	3017.5	29.5
70°-80°	960.5	9.4
80°-90°	23.1	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°	10219.1	100.0
0°-180°	10219.2	100.0



REPORT NUMBER: P1067689

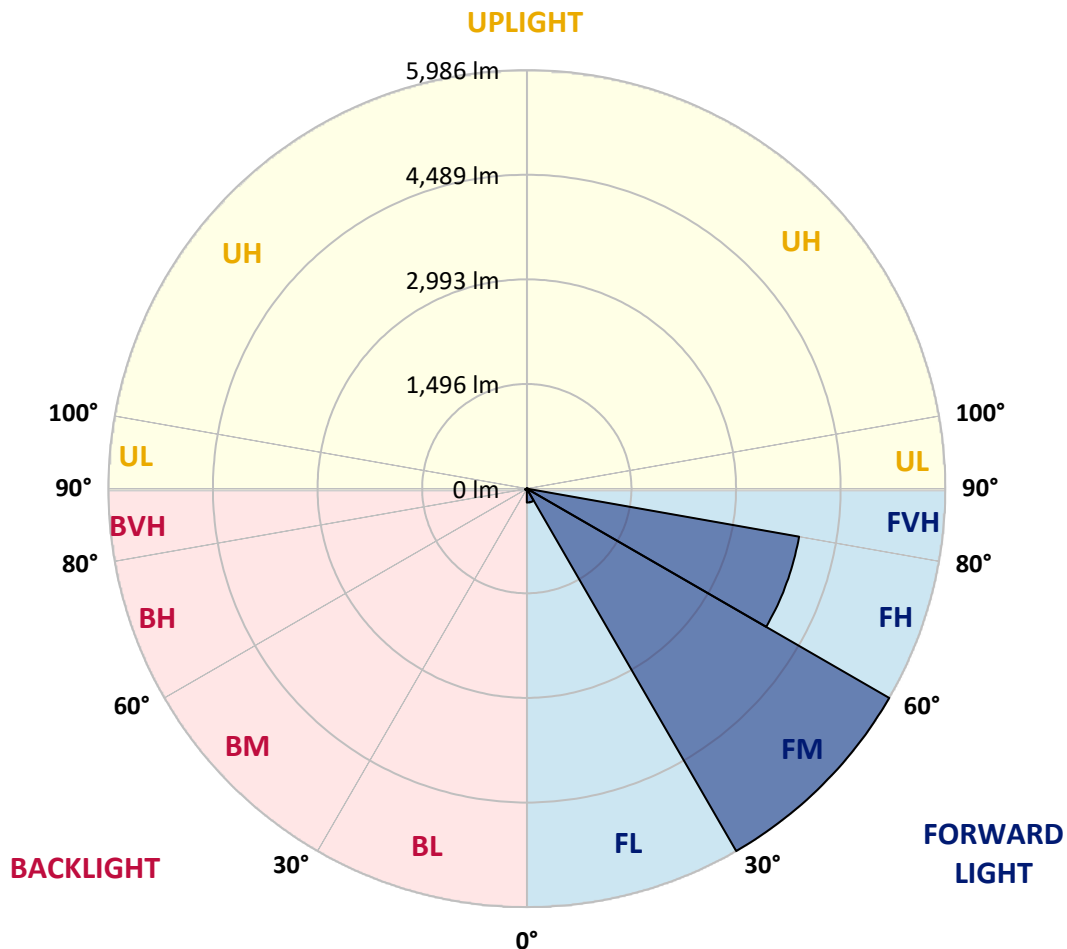
CATALOG NUMBER: NAV-SA4A-727-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	199.6	2.0			
FM	(30°-60°)	5985.7	58.6			
FH	(60°-80°)	3954.3	38.7			G2/5000
FVH	(80°-90°)	18.8	0.2			G1/100
BL	(0°-30°)	9.1	0.1	B0/110		
BM	(30°-60°)	23.6	0.2	B0/220		
BH	(60°-80°)	23.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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



REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	22.4
5°	32.0	32.0	32.0	28.8	28.8	28.8	25.6	25.6	25.6	25.6	25.6
7.5°	38.5	35.3	35.3	32.0	32.0	32.0	28.8	28.8	28.8	28.8	25.6
10°	44.9	41.7	41.7	38.5	38.5	35.3	35.3	32.0	32.0	28.8	28.8
12.5°	51.3	48.1	44.9	41.7	41.7	38.5	38.5	35.3	35.3	32.0	32.0
15°	57.7	54.5	51.3	48.1	44.9	44.9	41.7	38.5	35.3	35.3	32.0
17.5°	67.3	60.9	57.7	51.3	48.1	44.9	41.7	38.5	38.5	35.3	35.3
20°	70.5	64.1	60.9	54.5	51.3	48.1	44.9	41.7	38.5	38.5	35.3
22.5°	83.3	70.5	67.3	60.9	57.7	54.5	48.1	44.9	41.7	38.5	35.3
25°	102.6	83.3	73.7	64.1	60.9	54.5	51.3	44.9	41.7	38.5	35.3
27.5°	125.0	92.9	83.3	70.5	64.1	57.7	51.3	44.9	41.7	38.5	35.3
30°	153.8	109.0	92.9	76.9	70.5	64.1	54.5	48.1	44.9	41.7	35.3
32.5°	214.7	134.6	109.0	83.3	73.7	67.3	57.7	48.1	44.9	41.7	35.3
35°	259.6	163.4	131.4	96.1	83.3	73.7	60.9	48.1	44.9	41.7	35.3
37.5°	301.2	166.6	134.6	102.6	89.7	76.9	60.9	48.1	44.9	41.7	35.3
40°	368.5	173.1	134.6	96.1	86.5	73.7	64.1	51.3	48.1	41.7	38.5
42.5°	496.7	198.7	144.2	89.7	80.1	73.7	64.1	54.5	48.1	44.9	38.5
45°	826.8	294.8	195.5	92.9	83.3	73.7	64.1	54.5	51.3	44.9	41.7
47.5°	1406.9	512.8	304.4	96.1	86.5	73.7	64.1	51.3	48.1	44.9	38.5
50°	1801.1	657.0	384.6	112.2	96.1	83.3	67.3	51.3	48.1	44.9	41.7
52.5°	1913.2	698.6	416.6	131.4	112.2	92.9	70.5	51.3	48.1	48.1	44.9
55°	1753.0	679.4	416.6	153.8	128.2	105.8	80.1	54.5	51.3	51.3	48.1
57.5°	1490.2	628.1	397.4	166.6	141.0	112.2	86.5	57.7	54.5	54.5	51.3
60°	1227.4	528.8	358.9	185.9	157.0	128.2	99.3	70.5	67.3	64.1	57.7
62.5°	974.2	426.2	314.1	198.7	169.9	137.8	109.0	76.9	73.7	70.5	67.3
65°	733.9	371.7	291.6	208.3	176.3	144.2	112.2	80.1	76.9	76.9	73.7
67.5°	564.0	339.7	278.8	214.7	182.7	150.6	118.6	86.5	83.3	80.1	76.9
70°	445.5	314.1	262.8	211.5	182.7	153.8	121.8	92.9	86.5	83.3	76.9
72.5°	371.7	285.2	243.6	201.9	179.5	157.0	134.6	112.2	99.3	89.7	76.9
75°	310.9	256.4	221.1	182.7	166.6	153.8	137.8	121.8	105.8	89.7	73.7
77.5°	205.1	185.9	169.9	153.8	144.2	134.6	121.8	112.2	96.1	83.3	67.3
80°	86.5	80.1	83.3	83.3	83.3	83.3	80.1	80.1	70.5	60.9	48.1
82.5°	19.2	16.0	19.2	19.2	19.2	19.2	16.0	16.0	16.0	12.8	12.8
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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

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



REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
5°	25.6	25.6	25.6	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
7.5°	25.6	25.6	25.6	22.4	22.4	22.4	22.4	19.2	19.2	19.2	19.2
10°	25.6	25.6	25.6	22.4	22.4	22.4	22.4	19.2	19.2	19.2	19.2
12.5°	28.8	28.8	25.6	25.6	22.4	22.4	22.4	19.2	19.2	19.2	19.2
15°	28.8	28.8	25.6	25.6	22.4	22.4	22.4	19.2	19.2	19.2	19.2
17.5°	32.0	28.8	28.8	25.6	22.4	22.4	22.4	19.2	19.2	19.2	19.2
20°	32.0	28.8	28.8	25.6	22.4	22.4	22.4	19.2	19.2	19.2	19.2
22.5°	32.0	28.8	28.8	25.6	22.4	22.4	19.2	19.2	16.0	16.0	12.8
25°	32.0	28.8	28.8	25.6	22.4	22.4	19.2	19.2	16.0	12.8	12.8
27.5°	32.0	28.8	28.8	25.6	22.4	19.2	19.2	16.0	12.8	9.6	9.6
30°	32.0	28.8	28.8	25.6	22.4	19.2	16.0	12.8	9.6	9.6	6.4
32.5°	32.0	28.8	25.6	22.4	19.2	16.0	16.0	12.8	9.6	6.4	6.4
35°	32.0	28.8	25.6	22.4	19.2	16.0	16.0	12.8	9.6	6.4	6.4
37.5°	32.0	28.8	25.6	22.4	19.2	16.0	12.8	9.6	6.4	6.4	3.2
40°	32.0	28.8	25.6	22.4	19.2	16.0	12.8	9.6	6.4	6.4	3.2
42.5°	32.0	28.8	25.6	22.4	19.2	16.0	12.8	9.6	6.4	6.4	3.2
45°	35.3	32.0	28.8	22.4	19.2	16.0	16.0	12.8	9.6	6.4	6.4
47.5°	35.3	32.0	28.8	22.4	19.2	16.0	16.0	12.8	9.6	6.4	6.4
50°	38.5	35.3	32.0	25.6	22.4	19.2	16.0	9.6	6.4	6.4	3.2
52.5°	41.7	38.5	35.3	32.0	28.8	22.4	16.0	9.6	3.2	3.2	3.2
55°	44.9	41.7	41.7	38.5	35.3	25.6	19.2	9.6	0.0	0.0	0.0
57.5°	48.1	44.9	44.9	41.7	38.5	28.8	19.2	9.6	0.0	0.0	0.0
60°	54.5	51.3	48.1	41.7	38.5	28.8	19.2	9.6	0.0	0.0	0.0
62.5°	64.1	57.7	48.1	41.7	32.0	25.6	16.0	9.6	0.0	0.0	0.0
65°	70.5	60.9	51.3	38.5	28.8	22.4	16.0	6.4	0.0	0.0	0.0
67.5°	73.7	60.9	51.3	38.5	25.6	19.2	12.8	6.4	0.0	0.0	0.0
70°	70.5	57.7	48.1	35.3	22.4	16.0	12.8	6.4	0.0	0.0	0.0
72.5°	64.1	54.5	41.7	32.0	19.2	16.0	9.6	6.4	0.0	0.0	0.0
75°	57.7	48.1	35.3	25.6	12.8	9.6	6.4	3.2	0.0	0.0	0.0
77.5°	51.3	41.7	28.8	19.2	6.4	6.4	3.2	3.2	0.0	0.0	0.0
80°	38.5	28.8	19.2	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.6	6.4	6.4	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
5°	19.2	19.2	19.2	19.2	16.0	16.0	16.0	16.0	16.0	16.0	16.0
7.5°	19.2	19.2	19.2	19.2	16.0	16.0	16.0	16.0	12.8	12.8	12.8
10°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.8	12.8	12.8
12.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.8	12.8	12.8
15°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.8	12.8	9.6	9.6
17.5°	16.0	16.0	16.0	16.0	12.8	12.8	12.8	9.6	9.6	6.4	6.4
20°	16.0	16.0	16.0	12.8	12.8	9.6	9.6	6.4	6.4	3.2	3.2
22.5°	12.8	9.6	9.6	6.4	6.4	3.2	3.2	3.2	0.0	0.0	0.0
25°	9.6	6.4	6.4	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	6.4	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	6.4	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	19.2	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5°	16.0	16.0	16.0	16.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8
7.5°	12.8	12.8	12.8	12.8	12.8	12.8	9.6	9.6	9.6	9.6	9.6
10°	12.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	6.4	6.4
12.5°	12.8	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4	3.2	3.2
15°	9.6	6.4	6.4	6.4	3.2	3.2	3.2	3.2	3.2	0.0	0.0
17.5°	6.4	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	19.2	19.2
5°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
7.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
10°	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2	3.2	3.2	3.2
12.5°	3.2	3.2	3.2	3.2	3.2	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	19.2	19.2	19.2	19.2	19.2	22.4	22.4	25.6	25.6	28.8	28.8
5°	12.8	12.8	16.0	16.0	16.0	16.0	19.2	19.2	19.2	22.4	22.4
7.5°	9.6	9.6	9.6	9.6	9.6	12.8	12.8	16.0	16.0	19.2	19.2
10°	3.2	3.2	6.4	6.4	6.4	6.4	9.6	9.6	9.6	12.8	16.0
12.5°	0.0	0.0	3.2	3.2	3.2	3.2	6.4	6.4	6.4	9.6	12.8
15°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	6.4	9.6
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.4
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	32.0	32.0	35.3	35.3	38.5	38.5	41.7	41.7	41.7	41.7	41.7
5°	25.6	25.6	28.8	32.0	32.0	35.3	38.5	38.5	38.5	38.5	38.5
7.5°	22.4	22.4	25.6	28.8	28.8	32.0	35.3	35.3	38.5	38.5	38.5
10°	16.0	19.2	22.4	25.6	25.6	28.8	32.0	32.0	35.3	35.3	35.3
12.5°	12.8	16.0	19.2	22.4	22.4	25.6	28.8	28.8	32.0	32.0	35.3
15°	9.6	12.8	16.0	19.2	19.2	22.4	25.6	25.6	28.8	32.0	35.3
17.5°	6.4	9.6	12.8	16.0	16.0	19.2	22.4	25.6	28.8	28.8	32.0
20°	6.4	6.4	9.6	12.8	12.8	16.0	19.2	22.4	25.6	25.6	28.8
22.5°	3.2	3.2	6.4	9.6	9.6	12.8	16.0	19.2	22.4	22.4	25.6
25°	0.0	0.0	3.2	6.4	6.4	9.6	12.8	12.8	16.0	16.0	19.2
27.5°	0.0	0.0	3.2	3.2	6.4	6.4	9.6	9.6	12.8	12.8	16.0
30°	0.0	0.0	3.2	3.2	6.4	6.4	9.6	9.6	12.8	12.8	12.8
32.5°	0.0	0.0	0.0	3.2	3.2	3.2	6.4	6.4	9.6	9.6	12.8
35°	0.0	0.0	0.0	3.2	3.2	3.2	6.4	6.4	9.6	9.6	9.6
37.5°	0.0	0.0	0.0	3.2	3.2	3.2	6.4	6.4	6.4	6.4	9.6
40°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
45°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
50°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2
55°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	6.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	41.7	41.7
5°	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	38.5	38.5
7.5°	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	38.5	38.5
10°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
12.5°	35.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
15°	35.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
17.5°	32.0	35.3	35.3	35.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5
20°	28.8	32.0	32.0	32.0	35.3	35.3	35.3	35.3	38.5	38.5	38.5
22.5°	25.6	28.8	28.8	28.8	32.0	32.0	32.0	32.0	35.3	35.3	35.3
25°	22.4	22.4	25.6	25.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8
27.5°	16.0	19.2	19.2	19.2	22.4	22.4	22.4	22.4	25.6	25.6	25.6
30°	16.0	16.0	16.0	16.0	19.2	19.2	19.2	19.2	22.4	22.4	22.4
32.5°	12.8	16.0	16.0	16.0	19.2	19.2	19.2	19.2	22.4	22.4	22.4
35°	12.8	12.8	12.8	12.8	16.0	16.0	16.0	16.0	19.2	19.2	19.2
37.5°	9.6	12.8	12.8	12.8	16.0	16.0	16.0	16.0	19.2	19.2	19.2
40°	9.6	9.6	9.6	9.6	12.8	12.8	12.8	12.8	16.0	16.0	16.0
42.5°	9.6	9.6	9.6	9.6	12.8	12.8	12.8	12.8	16.0	16.0	16.0
45°	9.6	9.6	9.6	9.6	12.8	12.8	12.8	12.8	16.0	16.0	16.0
47.5°	9.6	9.6	9.6	9.6	12.8	12.8	12.8	12.8	16.0	16.0	16.0
50°	9.6	9.6	9.6	9.6	12.8	12.8	12.8	12.8	16.0	16.0	16.0
52.5°	6.4	6.4	6.4	6.4	9.6	9.6	9.6	9.6	12.8	12.8	12.8
55°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	9.6	9.6	9.6
57.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	9.6	9.6	9.6
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	9.6	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	41.7	41.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	41.7	41.7
5°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	41.7	41.7
7.5°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	41.7	41.7
10°	38.5	38.5	38.5	38.5	35.3	35.3	38.5	38.5	38.5	41.7	41.7
12.5°	38.5	38.5	38.5	38.5	35.3	35.3	38.5	38.5	41.7	41.7	44.9
15°	38.5	38.5	35.3	35.3	35.3	35.3	38.5	38.5	41.7	41.7	44.9
17.5°	38.5	38.5	35.3	35.3	35.3	35.3	38.5	38.5	41.7	41.7	44.9
20°	38.5	38.5	35.3	35.3	35.3	35.3	35.3	35.3	38.5	41.7	41.7
22.5°	35.3	35.3	35.3	35.3	32.0	32.0	35.3	35.3	38.5	41.7	41.7
25°	28.8	32.0	32.0	32.0	32.0	32.0	35.3	35.3	38.5	41.7	41.7
27.5°	25.6	28.8	28.8	28.8	28.8	32.0	32.0	35.3	38.5	41.7	41.7
30°	22.4	25.6	25.6	25.6	28.8	32.0	32.0	35.3	38.5	41.7	41.7
32.5°	22.4	25.6	25.6	25.6	28.8	28.8	32.0	32.0	35.3	38.5	41.7
35°	22.4	22.4	25.6	25.6	25.6	28.8	28.8	32.0	35.3	38.5	41.7
37.5°	22.4	22.4	25.6	25.6	25.6	28.8	28.8	32.0	35.3	38.5	41.7
40°	19.2	22.4	22.4	25.6	25.6	28.8	28.8	32.0	35.3	41.7	44.9
42.5°	19.2	19.2	22.4	22.4	25.6	28.8	28.8	32.0	35.3	41.7	44.9
45°	19.2	22.4	22.4	25.6	28.8	32.0	32.0	35.3	38.5	41.7	44.9
47.5°	19.2	22.4	22.4	25.6	32.0	32.0	35.3	35.3	38.5	41.7	44.9
50°	19.2	22.4	22.4	25.6	35.3	35.3	35.3	35.3	38.5	41.7	44.9
52.5°	16.0	19.2	19.2	22.4	28.8	32.0	35.3	38.5	41.7	44.9	48.1
55°	12.8	16.0	16.0	19.2	25.6	28.8	35.3	41.7	44.9	48.1	51.3
57.5°	12.8	12.8	16.0	16.0	22.4	28.8	38.5	44.9	48.1	51.3	54.5
60°	9.6	9.6	12.8	12.8	19.2	25.6	35.3	44.9	48.1	54.5	57.7
62.5°	6.4	9.6	9.6	12.8	16.0	25.6	35.3	44.9	51.3	57.7	60.9
65°	6.4	6.4	9.6	9.6	16.0	22.4	32.0	38.5	48.1	57.7	67.3
67.5°	9.6	9.6	12.8	12.8	16.0	22.4	32.0	38.5	48.1	60.9	70.5
70°	9.6	9.6	12.8	12.8	19.2	25.6	32.0	38.5	48.1	60.9	70.5
72.5°	9.6	9.6	12.8	12.8	19.2	22.4	28.8	35.3	44.9	54.5	64.1
75°	6.4	9.6	9.6	9.6	16.0	19.2	25.6	32.0	41.7	51.3	60.9
77.5°	6.4	6.4	6.4	6.4	12.8	16.0	22.4	25.6	35.3	44.9	54.5
80°	6.4	6.4	6.4	6.4	9.6	12.8	19.2	22.4	32.0	41.7	51.3
82.5°	6.4	6.4	3.2	3.2	6.4	9.6	12.8	16.0	25.6	32.0	41.7
85°	6.4	6.4	3.2	3.2	3.2	6.4	6.4	9.6	12.8	16.0	19.2
87.5°	6.4	6.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	41.7	41.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
5°	41.7	44.9	44.9	48.1	48.1	48.1	51.3	51.3	51.3	51.3	51.3
7.5°	41.7	44.9	44.9	48.1	48.1	48.1	51.3	51.3	51.3	54.5	54.5
10°	41.7	44.9	44.9	48.1	48.1	51.3	54.5	54.5	57.7	57.7	57.7
12.5°	44.9	48.1	48.1	51.3	51.3	54.5	57.7	57.7	60.9	64.1	64.1
15°	44.9	48.1	51.3	51.3	54.5	57.7	60.9	60.9	64.1	67.3	70.5
17.5°	44.9	48.1	51.3	51.3	54.5	57.7	64.1	67.3	70.5	76.9	80.1
20°	44.9	48.1	51.3	51.3	54.5	60.9	64.1	70.5	73.7	80.1	86.5
22.5°	44.9	48.1	51.3	54.5	57.7	64.1	70.5	73.7	80.1	89.7	96.1
25°	44.9	48.1	51.3	54.5	57.7	64.1	70.5	76.9	83.3	96.1	109.0
27.5°	44.9	48.1	54.5	57.7	60.9	67.3	76.9	83.3	89.7	112.2	134.6
30°	44.9	48.1	54.5	57.7	60.9	70.5	80.1	86.5	96.1	134.6	169.9
32.5°	44.9	51.3	54.5	60.9	64.1	73.7	86.5	96.1	105.8	160.2	211.5
35°	44.9	51.3	54.5	60.9	64.1	76.9	89.7	102.6	115.4	195.5	275.6
37.5°	44.9	51.3	54.5	60.9	64.1	83.3	102.6	121.8	141.0	224.3	307.7
40°	48.1	54.5	57.7	64.1	67.3	86.5	105.8	125.0	144.2	227.5	310.9
42.5°	48.1	54.5	57.7	64.1	67.3	83.3	102.6	118.6	134.6	227.5	320.5
45°	48.1	54.5	60.9	64.1	70.5	86.5	102.6	115.4	131.4	250.0	365.3
47.5°	48.1	54.5	60.9	64.1	70.5	86.5	102.6	118.6	134.6	330.1	522.4
50°	48.1	54.5	60.9	64.1	70.5	89.7	109.0	128.2	147.4	493.5	839.6
52.5°	51.3	54.5	60.9	64.1	67.3	89.7	112.2	134.6	157.0	640.9	1121.7
55°	54.5	57.7	60.9	64.1	67.3	96.1	125.0	153.8	182.7	689.0	1192.2
57.5°	57.7	60.9	64.1	64.1	67.3	102.6	141.0	176.3	211.5	685.8	1156.9
60°	60.9	64.1	67.3	70.5	73.7	109.0	147.4	182.7	217.9	621.7	1025.5
62.5°	67.3	73.7	80.1	83.3	89.7	125.0	157.0	192.3	224.3	509.6	791.6
65°	76.9	83.3	86.5	92.9	96.1	128.2	163.4	195.5	227.5	423.0	615.3
67.5°	80.1	86.5	89.7	96.1	99.3	131.4	163.4	195.5	227.5	358.9	487.1
70°	80.1	86.5	92.9	96.1	102.6	134.6	163.4	195.5	224.3	310.9	397.4
72.5°	73.7	83.3	89.7	99.3	105.8	134.6	160.2	189.1	214.7	275.6	336.5
75°	70.5	83.3	92.9	105.8	115.4	134.6	157.0	176.3	195.5	240.4	285.2
77.5°	64.1	80.1	96.1	112.2	128.2	141.0	150.6	163.4	173.1	201.9	230.7
80°	60.9	76.9	92.9	109.0	125.0	131.4	134.6	141.0	144.2	147.4	150.6
82.5°	48.1	60.9	73.7	83.3	96.1	89.7	86.5	80.1	73.7	70.5	67.3
85°	22.4	25.6	25.6	28.8	28.8	28.8	25.6	25.6	22.4	19.2	16.0
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	44.9	44.9	44.9	44.9	41.7	41.7	41.7	41.7	38.5	38.5	38.5
5°	51.3	51.3	51.3	51.3	48.1	48.1	48.1	48.1	44.9	44.9	44.9
7.5°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
10°	60.9	60.9	60.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
12.5°	67.3	67.3	70.5	70.5	73.7	73.7	76.9	76.9	80.1	80.1	80.1
15°	73.7	76.9	80.1	83.3	83.3	86.5	89.7	92.9	96.1	99.3	102.6
17.5°	86.5	89.7	96.1	102.6	109.0	115.4	125.0	137.8	147.4	157.0	169.9
20°	96.1	105.8	125.0	147.4	166.6	185.9	233.9	282.0	330.1	378.2	426.2
22.5°	115.4	134.6	198.7	266.0	330.1	394.2	544.8	695.4	842.8	993.5	1128.1
25°	153.8	195.5	342.9	490.3	634.5	782.0	1051.1	1323.6	1592.7	1861.9	2111.9
27.5°	211.5	288.4	528.8	772.3	1012.7	1253.0	1644.0	2038.2	2429.2	2823.4	3172.7
30°	294.8	419.8	778.7	1140.9	1499.8	1858.7	2352.3	2849.0	3342.5	3836.1	4156.5
32.5°	400.6	586.5	1041.5	1496.6	1951.7	2406.7	2951.5	3496.4	4038.0	4582.8	4922.5
35°	512.8	749.9	1297.9	1849.1	2397.1	2948.3	3522.0	4095.6	4669.3	5242.9	5659.5
37.5°	576.9	846.0	1496.6	2147.2	2794.5	3445.1	4073.2	4704.5	5332.7	5960.8	6467.1
40°	637.7	961.4	1711.3	2461.2	3211.1	3961.0	4694.9	5428.8	6162.7	6896.6	7547.1
42.5°	727.5	1134.5	2009.4	2884.3	3755.9	4630.8	5595.4	6563.3	7527.9	8492.5	9492.4
45°	913.3	1461.4	2595.8	3730.3	4861.6	5996.0	7364.5	8736.1	10104.5	11476.1	12758.0
47.5°	1362.0	2198.4	3746.3	5294.2	6842.1	8390.0	9966.7	11543.4	13120.1	14696.9	16222.3
50°	2108.7	3374.6	5310.2	7245.9	9178.3	11114.0	12687.5	14261.0	15831.3	17404.8	18920.7
52.5°	2810.5	4499.4	6579.3	8662.4	10742.2	12825.3	14219.4	15613.4	17007.5	18401.5	19869.3
55°	3050.9	4906.4	7011.9	9120.6	11226.1	13334.9	14677.6	16023.6	17366.4	18709.2	20231.4
57.5°	2839.4	4521.9	6643.4	8764.9	10883.2	13004.8	14504.6	16007.6	17507.4	19010.4	20641.6
60°	2377.9	3727.1	5954.4	8184.9	10412.1	12639.4	14331.5	16023.6	17715.7	19407.8	21035.8
62.5°	1884.4	2974.0	5332.7	7691.3	10050.0	12408.7	14129.6	15853.8	17574.7	19295.6	20545.5
65°	1445.3	2275.4	4595.6	6919.0	9239.2	11562.6	12972.7	14386.0	15796.1	17209.4	18074.6
67.5°	1073.6	1660.0	3688.6	5720.4	7749.0	9777.6	10815.9	11857.5	12895.8	13937.3	14610.3
70°	791.6	1182.5	2563.8	3945.0	5323.0	6704.3	7656.1	8607.9	9556.5	10508.3	11206.9
72.5°	548.0	756.3	1583.1	2413.2	3240.0	4066.8	5031.4	5996.0	6957.5	7922.1	8716.8
75°	375.0	464.7	852.5	1240.2	1628.0	2015.8	2746.4	3477.1	4207.8	4938.5	5358.3
77.5°	278.8	326.9	442.3	560.8	676.2	791.6	932.6	1073.6	1214.6	1355.6	1538.3
80°	153.8	153.8	169.9	182.7	198.7	211.5	250.0	291.6	330.1	371.7	423.0
82.5°	70.5	73.7	80.1	86.5	89.7	96.1	102.6	109.0	115.4	121.8	121.8
85°	19.2	22.4	22.4	19.2	19.2	16.0	16.0	19.2	19.2	19.2	19.2
87.5°	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	38.5	35.3	35.3	35.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0
5°	44.9	44.9	44.9	44.9	41.7	41.7	41.7	41.7	41.7	38.5	38.5
7.5°	54.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	48.1	48.1
10°	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	60.9	60.9
12.5°	80.1	80.1	80.1	80.1	83.3	83.3	80.1	80.1	80.1	76.9	76.9
15°	105.8	109.0	112.2	112.2	115.4	115.4	115.4	112.2	112.2	109.0	105.8
17.5°	179.5	189.1	201.9	214.7	227.5	237.1	237.1	230.7	224.3	217.9	211.5
20°	477.5	525.6	576.9	628.1	682.6	721.1	695.4	676.2	657.0	634.5	615.3
22.5°	1265.9	1400.5	1538.3	1634.4	1730.6	1797.8	1743.4	1637.6	1531.9	1429.3	1323.6
25°	2361.9	2608.6	2858.6	2961.2	3066.9	3143.8	3108.6	2948.3	2788.1	2631.1	2470.8
27.5°	3522.0	3868.1	4217.4	4307.1	4396.9	4464.2	4451.4	4243.1	4034.7	3826.4	3618.1
30°	4477.0	4797.5	5117.9	5207.7	5297.4	5358.3	5291.0	5082.7	4874.4	4666.1	4457.8
32.5°	5265.4	5605.1	5948.0	6066.5	6185.1	6265.2	6185.1	5935.1	5685.2	5438.4	5188.4
35°	6076.2	6489.6	6906.2	7056.8	7207.4	7303.6	7169.0	6861.3	6553.7	6249.2	5941.6
37.5°	6973.5	7476.6	7983.0	8188.1	8396.4	8540.6	8438.0	8053.5	7665.7	7281.1	6893.4
40°	8200.9	8851.4	9505.2	9873.8	10239.1	10498.7	10316.0	9870.5	9421.9	8976.4	8527.8
42.5°	10495.5	11495.3	12495.2	13024.0	13549.6	13930.9	13725.8	13177.8	12629.8	12081.8	11533.8
45°	14039.9	15318.6	16600.5	17372.8	18148.3	18718.8	18481.6	17792.6	17100.4	16411.4	15722.4
47.5°	17747.8	19273.2	20798.7	21414.0	22032.5	22513.2	22455.5	21596.6	20737.8	19882.1	19023.2
50°	20439.7	21955.6	23471.4	24000.2	24532.2	24926.3	24778.9	23686.1	22590.1	21497.3	20401.3
52.5°	21337.0	22801.6	24269.4	24900.7	25532.0	26003.1	25823.7	24593.0	23362.4	22135.0	20904.4
55°	21753.7	23275.9	24798.1	25567.3	26339.6	26903.6	26644.1	25294.9	23942.5	22593.3	21240.9
57.5°	22272.8	23904.0	25535.2	26378.1	27220.9	27829.8	27483.7	26086.4	24689.2	23295.1	21897.9
60°	22663.8	24288.6	25916.6	26592.8	27272.2	27746.5	27413.2	26054.4	24692.4	23333.6	21974.8
62.5°	21798.5	23048.4	24298.2	24801.3	25304.5	25669.8	25480.8	24192.5	22904.2	21615.9	20327.6
65°	18943.1	19808.4	20676.9	21016.6	21353.1	21612.7	21555.0	20468.6	19382.2	18299.0	17212.6
67.5°	15286.5	15959.5	16635.7	17116.4	17600.3	17975.3	17933.6	16943.4	15953.1	14962.9	13972.6
70°	11908.7	12607.4	13306.0	13911.7	14520.6	14991.7	14930.8	14011.0	13088.1	12168.3	11245.4
72.5°	9514.8	10309.6	11104.4	11450.5	11796.6	12040.1	11860.7	11165.3	10466.6	9771.2	9072.6
75°	5778.1	6194.7	6614.5	6611.3	6611.3	6572.9	6393.4	5996.0	5598.7	5201.3	4803.9
77.5°	1720.9	1903.6	2086.3	2262.5	2442.0	2576.6	2541.3	2333.0	2121.5	1913.2	1701.7
80°	474.3	522.4	573.6	596.1	618.5	647.4	721.1	669.8	618.5	570.4	519.2
82.5°	121.8	121.8	121.8	118.6	115.4	109.0	99.3	92.9	86.5	80.1	73.7
85°	19.2	16.0	16.0	16.0	12.8	12.8	12.8	12.8	9.6	9.6	6.4
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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	32.0	32.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	25.6
5°	38.5	38.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	32.0
7.5°	48.1	48.1	44.9	44.9	44.9	44.9	41.7	41.7	41.7	41.7	38.5
10°	60.9	57.7	57.7	54.5	54.5	54.5	51.3	51.3	51.3	48.1	48.1
12.5°	76.9	73.7	73.7	70.5	67.3	67.3	64.1	60.9	57.7	57.7	54.5
15°	102.6	99.3	96.1	92.9	89.7	83.3	80.1	73.7	70.5	67.3	64.1
17.5°	195.5	179.5	163.4	147.4	134.6	121.8	109.0	96.1	89.7	83.3	76.9
20°	544.8	471.1	400.6	330.1	285.2	240.4	195.5	150.6	131.4	115.4	96.1
22.5°	1179.3	1031.9	887.7	740.3	621.7	506.3	387.8	269.2	224.3	182.7	137.8
25°	2192.0	1910.0	1631.2	1349.2	1124.9	900.5	676.2	451.9	368.5	285.2	201.9
27.5°	3252.8	2887.5	2522.1	2156.8	1801.1	1442.1	1083.2	727.5	583.3	442.3	298.0
30°	4070.0	3682.2	3297.7	2909.9	2461.2	2012.6	1560.7	1112.0	884.5	657.0	426.2
32.5°	4771.8	4352.0	3935.4	3515.6	2996.4	2477.3	1958.1	1438.9	1153.7	868.5	580.1
35°	5467.3	4989.8	4515.5	4038.0	3480.3	2922.7	2365.1	1807.5	1445.3	1083.2	717.9
37.5°	6313.3	5730.0	5150.0	4569.9	3996.3	3425.8	2852.2	2278.6	1817.1	1358.8	897.3
40°	7787.5	7044.0	6303.7	5560.2	4890.4	4223.8	3554.0	2884.3	2304.2	1724.1	1140.9
42.5°	10601.2	9668.6	8739.3	7806.7	6880.5	5954.4	5025.0	4098.8	3272.0	2448.4	1621.6
45°	14527.0	13331.6	12139.5	10944.1	9803.2	8665.6	7524.7	6383.8	5127.6	3871.3	2611.8
47.5°	17715.7	16405.0	15097.4	13786.7	12520.9	11258.2	9992.3	8726.5	7117.7	5512.1	3903.4
50°	19154.6	17904.8	16658.1	15408.3	14139.2	12867.0	11594.7	10325.6	8479.7	6637.0	4791.1
52.5°	19638.5	18369.5	17103.6	15834.5	14575.1	13315.6	12056.2	10796.7	8877.1	6960.7	5041.0
55°	19904.5	18565.0	17228.6	15889.0	14533.4	13174.6	11815.8	10460.2	8550.2	6643.4	4733.4
57.5°	20442.9	18984.8	17529.8	16071.7	14527.0	12982.3	11434.5	9889.8	8005.4	6121.0	4236.6
60°	20542.3	19106.6	17674.0	16241.5	14533.4	12825.3	11114.0	9405.9	7534.3	5665.9	3794.4
62.5°	19129.0	17930.4	16735.1	15536.5	13825.2	12113.9	10399.3	8688.0	6896.6	5105.1	3310.5
65°	16177.4	15142.3	14110.4	13075.3	11678.0	10284.0	8886.7	7489.4	5890.3	4294.3	2695.2
67.5°	12959.9	11947.2	10937.7	9925.0	8873.9	7825.9	6774.8	5723.6	4489.8	3256.0	2022.2
70°	10274.3	9300.1	8329.1	7354.8	6425.5	5492.9	4560.3	3631.0	2865.0	2102.3	1336.4
72.5°	8143.2	7210.6	6281.3	5348.7	4505.8	3663.0	2820.2	1977.3	1596.0	1217.8	836.4
75°	4320.0	3836.1	3355.3	2871.4	2397.1	1919.6	1442.1	967.8	817.2	666.6	512.8
77.5°	1490.2	1278.7	1070.4	858.9	714.7	570.4	426.2	282.0	266.0	253.2	237.1
80°	451.9	384.6	317.3	250.0	221.1	192.3	163.4	134.6	125.0	115.4	102.6
82.5°	70.5	64.1	60.9	54.5	51.3	51.3	48.1	44.9	38.5	35.3	28.8
85°	6.4	3.2	3.2	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: P1067689

CATALOG NUMBER: NAV-SA4A-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: P1067689

CATALOG NUMBER: NAV-SA4A-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	28.8	28.8
2.5°	25.6	25.6
5°	32.0	32.0
7.5°	38.5	38.5
10°	44.9	44.9
12.5°	51.3	51.3
15°	60.9	57.7
17.5°	70.5	67.3
20°	76.9	70.5
22.5°	92.9	80.1
25°	118.6	99.3
27.5°	153.8	121.8
30°	198.7	153.8
32.5°	294.8	214.7
35°	355.7	259.6
37.5°	435.8	301.2
40°	560.8	365.3
42.5°	794.8	496.7
45°	1355.6	823.6
47.5°	2297.8	1403.7
50°	2945.1	1801.1
52.5°	3124.6	1910.0
55°	2826.6	1753.0
57.5°	2352.3	1490.2
60°	1926.0	1227.4
62.5°	1519.0	971.0
65°	1096.0	733.9
67.5°	788.4	564.0
70°	573.6	442.3
72.5°	455.1	368.5
75°	362.1	307.7
77.5°	224.3	205.1
80°	92.9	86.5
82.5°	22.4	19.2
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: P1067689

CATALOG NUMBER: NAV-SA4A-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			

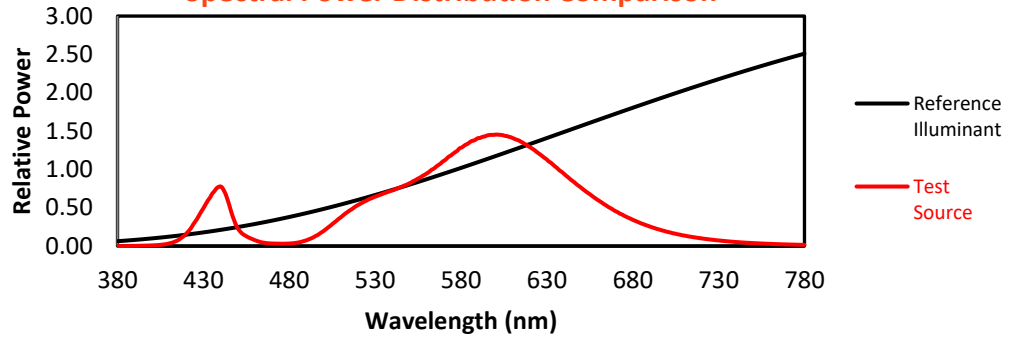
REPORT NUMBER: SP1-2407-184-3

TM-30-18

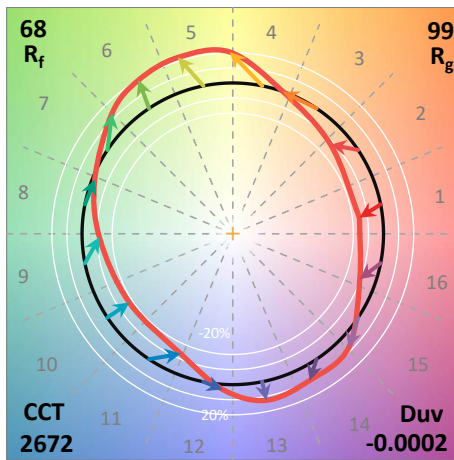
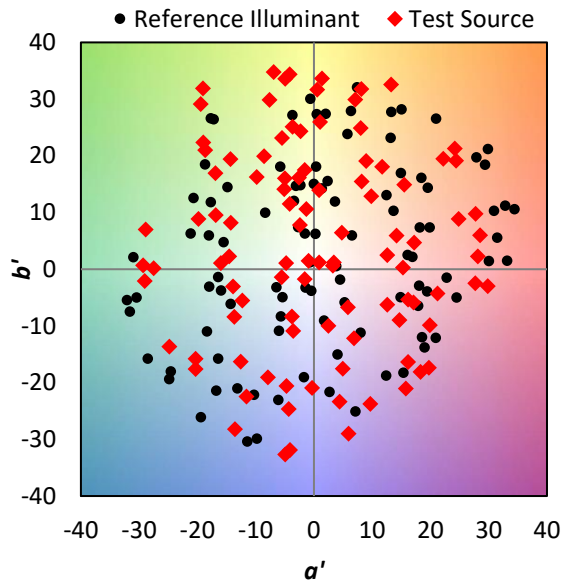
Summary

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

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)