

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: P1067717

Luminaire Tested: **NAV-SA5A-730-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067717
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5A-730-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13952 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

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

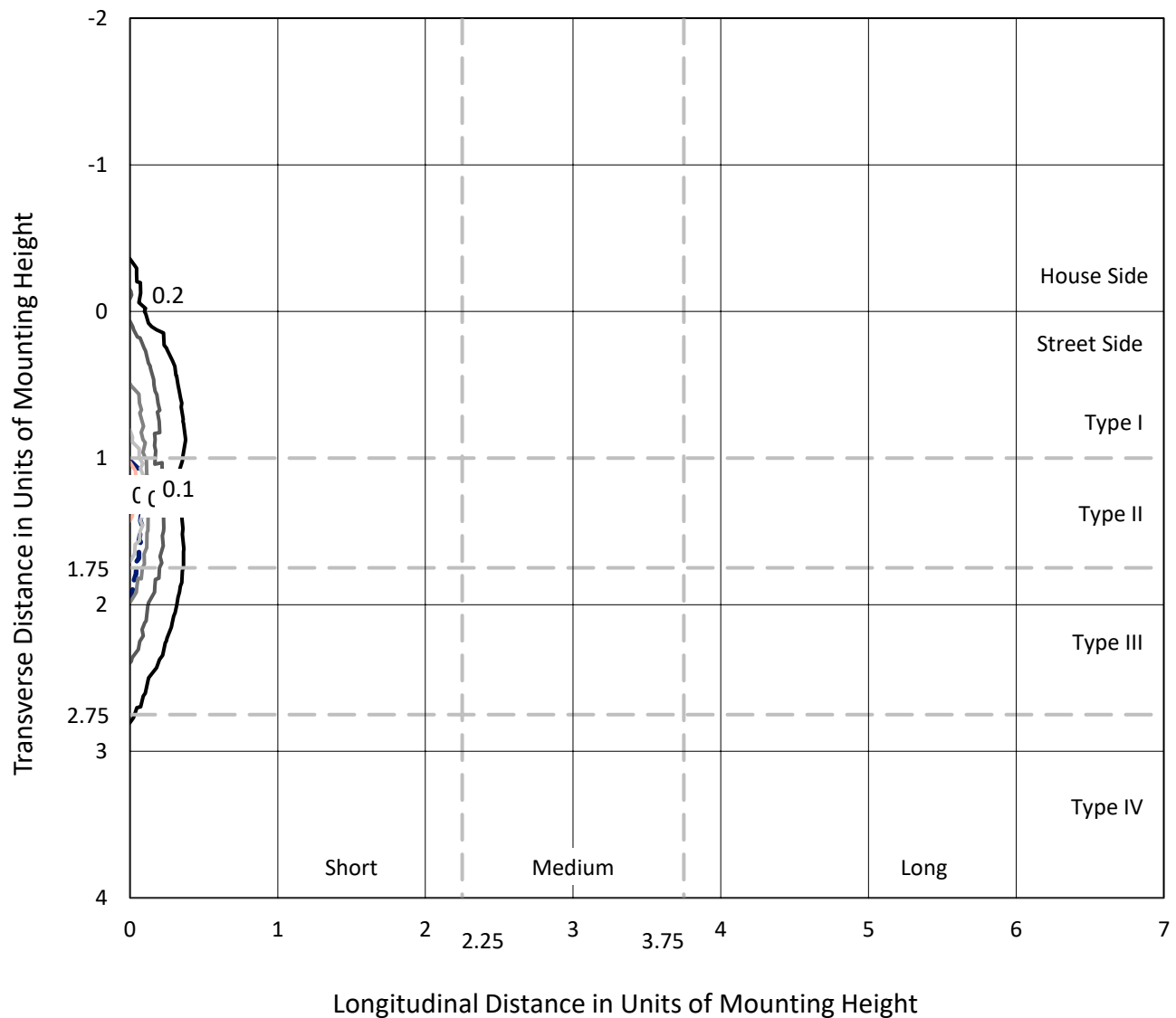


REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

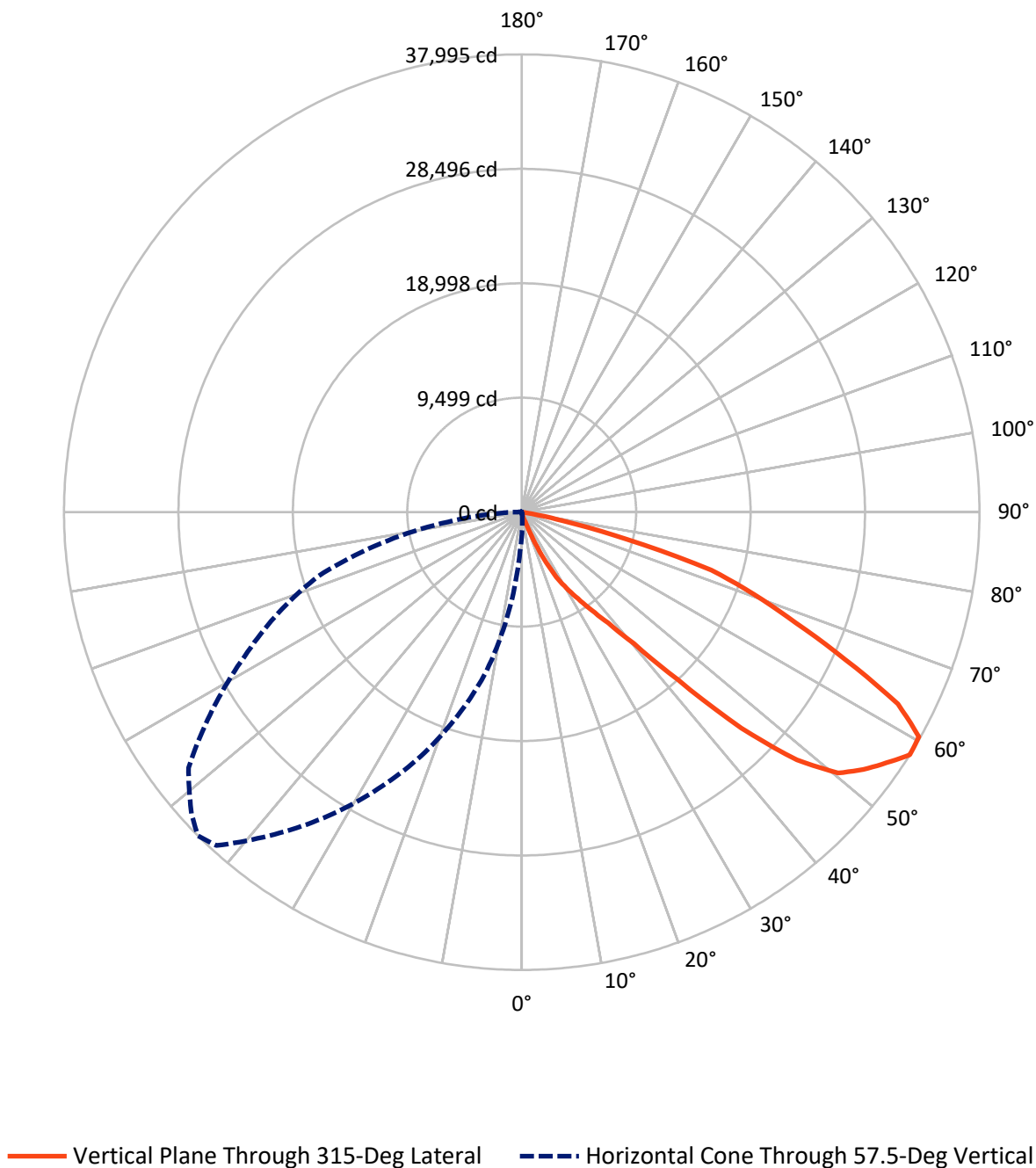


Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
 Type III - Short - N/A

REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	83.0	0.0	83.0
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	13869.0	0.0	13869.0
	% Fixture	99.4	0.0	99.4
Total	Lumens	13952.0	0.0	13952.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.0
10°-20°	20.5	0.1
20°-30°	260.4	1.9
30°-40°	877.6	6.3
40°-50°	2650.4	19.0
50°-60°	4676.2	33.5
60°-70°	4119.7	29.5
70°-80°	1311.4	9.4
80°-90°	31.6	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°	13952.0	100.0
0°-180°	13952.0	100.0



REPORT NUMBER: P1067717

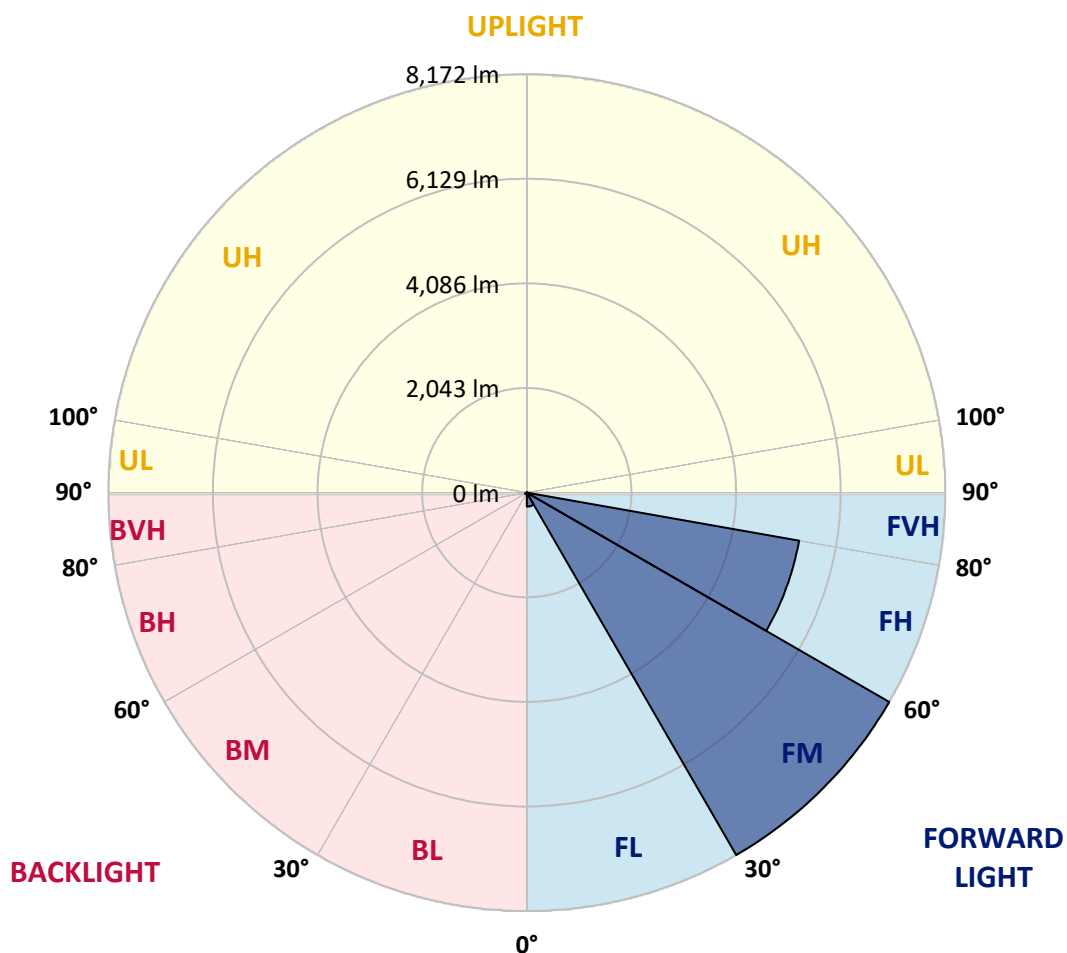
CATALOG NUMBER: NAV-SA5A-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	272.6	2.0			
FM	(30°-60°)	8172.1	58.6			
FH	(60°-80°)	5398.6	38.7			G3/7500
FVH	(80°-90°)	25.7	0.2			G1/100
BL	(0°-30°)	12.4	0.1	B0/110		
BM	(30°-60°)	32.2	0.2	B0/220		
BH	(60°-80°)	32.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.9	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-G3

Type III Short



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	30.6
5°	43.8	43.8	43.8	39.4	39.4	39.4	35.0	35.0	35.0	35.0	35.0
7.5°	52.5	48.1	48.1	43.8	43.8	43.8	39.4	39.4	39.4	39.4	35.0
10°	61.3	56.9	56.9	52.5	52.5	48.1	48.1	43.8	43.8	39.4	39.4
12.5°	70.0	65.6	61.3	56.9	56.9	52.5	52.5	48.1	48.1	43.8	43.8
15°	78.8	74.4	70.0	65.6	61.3	61.3	56.9	52.5	48.1	48.1	43.8
17.5°	91.9	83.1	78.8	70.0	65.6	61.3	56.9	52.5	52.5	48.1	48.1
20°	96.3	87.5	83.1	74.4	70.0	65.6	61.3	56.9	52.5	52.5	48.1
22.5°	113.8	96.3	91.9	83.1	78.8	74.4	65.6	61.3	56.9	52.5	48.1
25°	140.0	113.8	100.6	87.5	83.1	74.4	70.0	61.3	56.9	52.5	48.1
27.5°	170.6	126.9	113.8	96.3	87.5	78.8	70.0	61.3	56.9	52.5	48.1
30°	210.0	148.8	126.9	105.0	96.3	87.5	74.4	65.6	61.3	56.9	48.1
32.5°	293.1	183.8	148.8	113.8	100.6	91.9	78.8	65.6	61.3	56.9	48.1
35°	354.4	223.1	179.4	131.3	113.8	100.6	83.1	65.6	61.3	56.9	48.1
37.5°	411.3	227.5	183.8	140.0	122.5	105.0	83.1	65.6	61.3	56.9	48.1
40°	503.2	236.3	183.8	131.3	118.1	100.6	87.5	70.0	65.6	56.9	52.5
42.5°	678.2	271.3	196.9	122.5	109.4	100.6	87.5	74.4	65.6	61.3	52.5
45°	1128.8	402.5	266.9	126.9	113.8	100.6	87.5	74.4	70.0	61.3	56.9
47.5°	1920.8	700.1	415.7	131.3	118.1	100.6	87.5	70.0	65.6	61.3	52.5
50°	2458.9	896.9	525.0	153.1	131.3	113.8	91.9	70.0	65.6	61.3	56.9
52.5°	2612.1	953.8	568.8	179.4	153.1	126.9	96.3	70.0	65.6	65.6	61.3
55°	2393.3	927.6	568.8	210.0	175.0	144.4	109.4	74.4	70.0	70.0	65.6
57.5°	2034.5	857.6	542.5	227.5	192.5	153.1	118.1	78.8	74.4	74.4	70.0
60°	1675.7	721.9	490.0	253.8	214.4	175.0	135.6	96.3	91.9	87.5	78.8
62.5°	1330.1	581.9	428.8	271.3	231.9	188.1	148.8	105.0	100.6	96.3	91.9
65°	1001.9	507.5	398.2	284.4	240.6	196.9	153.1	109.4	105.0	105.0	100.6
67.5°	770.1	463.8	380.7	293.1	249.4	205.6	161.9	118.1	113.8	109.4	105.0
70°	608.2	428.8	358.8	288.8	249.4	210.0	166.3	126.9	118.1	113.8	105.0
72.5°	507.5	389.4	332.5	275.6	245.0	214.4	183.8	153.1	135.6	122.5	105.0
75°	424.4	350.0	301.9	249.4	227.5	210.0	188.1	166.3	144.4	122.5	100.6
77.5°	280.0	253.8	231.9	210.0	196.9	183.8	166.3	153.1	131.3	113.8	91.9
80°	118.1	109.4	113.8	113.8	113.8	113.8	109.4	109.4	96.3	83.1	65.6
82.5°	26.3	21.9	26.3	26.3	26.3	26.3	21.9	21.9	21.9	17.5	17.5
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
5°	35.0	35.0	35.0	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
7.5°	35.0	35.0	35.0	30.6	30.6	30.6	30.6	26.3	26.3	26.3	26.3
10°	35.0	35.0	35.0	30.6	30.6	30.6	30.6	26.3	26.3	26.3	26.3
12.5°	39.4	39.4	35.0	35.0	30.6	30.6	30.6	26.3	26.3	26.3	26.3
15°	39.4	39.4	35.0	35.0	30.6	30.6	30.6	26.3	26.3	26.3	26.3
17.5°	43.8	39.4	39.4	35.0	30.6	30.6	30.6	26.3	26.3	26.3	26.3
20°	43.8	39.4	39.4	35.0	30.6	30.6	30.6	26.3	26.3	26.3	26.3
22.5°	43.8	39.4	39.4	35.0	30.6	30.6	26.3	26.3	21.9	21.9	17.5
25°	43.8	39.4	39.4	35.0	30.6	30.6	26.3	26.3	21.9	17.5	17.5
27.5°	43.8	39.4	39.4	35.0	30.6	26.3	26.3	21.9	17.5	13.1	13.1
30°	43.8	39.4	39.4	35.0	30.6	26.3	21.9	17.5	13.1	13.1	8.8
32.5°	43.8	39.4	35.0	30.6	26.3	21.9	21.9	17.5	13.1	8.8	8.8
35°	43.8	39.4	35.0	30.6	26.3	21.9	21.9	17.5	13.1	8.8	8.8
37.5°	43.8	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4
40°	43.8	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4
42.5°	43.8	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4
45°	48.1	43.8	39.4	30.6	26.3	21.9	21.9	17.5	13.1	8.8	8.8
47.5°	48.1	43.8	39.4	30.6	26.3	21.9	21.9	17.5	13.1	8.8	8.8
50°	52.5	48.1	43.8	35.0	30.6	26.3	21.9	13.1	8.8	8.8	4.4
52.5°	56.9	52.5	48.1	43.8	39.4	30.6	21.9	13.1	4.4	4.4	4.4
55°	61.3	56.9	56.9	52.5	48.1	35.0	26.3	13.1	0.0	0.0	0.0
57.5°	65.6	61.3	61.3	56.9	52.5	39.4	26.3	13.1	0.0	0.0	0.0
60°	74.4	70.0	65.6	56.9	52.5	39.4	26.3	13.1	0.0	0.0	0.0
62.5°	87.5	78.8	65.6	56.9	43.8	35.0	21.9	13.1	0.0	0.0	0.0
65°	96.3	83.1	70.0	52.5	39.4	30.6	21.9	8.8	0.0	0.0	0.0
67.5°	100.6	83.1	70.0	52.5	35.0	26.3	17.5	8.8	0.0	0.0	0.0
70°	96.3	78.8	65.6	48.1	30.6	21.9	17.5	8.8	0.0	0.0	0.0
72.5°	87.5	74.4	56.9	43.8	26.3	21.9	13.1	8.8	0.0	0.0	0.0
75°	78.8	65.6	48.1	35.0	17.5	13.1	8.8	4.4	0.0	0.0	0.0
77.5°	70.0	56.9	39.4	26.3	8.8	8.8	4.4	4.4	0.0	0.0	0.0
80°	52.5	39.4	26.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.1	8.8	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
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°	26.3	26.3	26.3	26.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9
7.5°	26.3	26.3	26.3	26.3	21.9	21.9	21.9	21.9	17.5	17.5	17.5
10°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	17.5	17.5
12.5°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	17.5	17.5
15°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	17.5	13.1	13.1
17.5°	21.9	21.9	21.9	21.9	17.5	17.5	17.5	13.1	13.1	8.8	8.8
20°	21.9	21.9	21.9	17.5	17.5	13.1	13.1	8.8	8.8	4.4	4.4
22.5°	17.5	13.1	13.1	8.8	8.8	4.4	4.4	4.4	0.0	0.0	0.0
25°	13.1	8.8	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	8.8	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	8.8	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	26.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
5°	21.9	21.9	21.9	21.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5
7.5°	17.5	17.5	17.5	17.5	17.5	17.5	13.1	13.1	13.1	13.1	13.1
10°	17.5	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8
12.5°	17.5	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	4.4	4.4
15°	13.1	8.8	8.8	8.8	4.4	4.4	4.4	4.4	4.4	0.0	0.0
17.5°	8.8	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	26.3	26.3
5°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
7.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
10°	8.8	8.8	8.8	8.8	8.8	8.8	4.4	4.4	4.4	4.4	4.4
12.5°	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	26.3	26.3	26.3	26.3	26.3	30.6	30.6	35.0	35.0	39.4	39.4
5°	17.5	17.5	21.9	21.9	21.9	21.9	26.3	26.3	26.3	30.6	30.6
7.5°	13.1	13.1	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	26.3
10°	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	21.9
12.5°	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8	13.1	17.5
15°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	8.8	13.1
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	8.8
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	43.8	43.8	48.1	48.1	52.5	52.5	56.9	56.9	56.9	56.9	56.9
5°	35.0	35.0	39.4	43.8	43.8	48.1	52.5	52.5	52.5	52.5	52.5
7.5°	30.6	30.6	35.0	39.4	39.4	43.8	48.1	48.1	52.5	52.5	52.5
10°	21.9	26.3	30.6	35.0	35.0	39.4	43.8	43.8	48.1	48.1	48.1
12.5°	17.5	21.9	26.3	30.6	30.6	35.0	39.4	39.4	43.8	43.8	48.1
15°	13.1	17.5	21.9	26.3	26.3	30.6	35.0	35.0	39.4	43.8	48.1
17.5°	8.8	13.1	17.5	21.9	21.9	26.3	30.6	35.0	39.4	39.4	43.8
20°	8.8	8.8	13.1	17.5	17.5	21.9	26.3	30.6	35.0	35.0	39.4
22.5°	4.4	4.4	8.8	13.1	13.1	17.5	21.9	26.3	30.6	30.6	35.0
25°	0.0	0.0	4.4	8.8	8.8	13.1	17.5	17.5	21.9	21.9	26.3
27.5°	0.0	0.0	4.4	4.4	8.8	8.8	13.1	13.1	17.5	17.5	21.9
30°	0.0	0.0	4.4	4.4	8.8	8.8	13.1	13.1	17.5	17.5	17.5
32.5°	0.0	0.0	0.0	4.4	4.4	4.4	8.8	8.8	13.1	13.1	17.5
35°	0.0	0.0	0.0	4.4	4.4	4.4	8.8	8.8	13.1	13.1	13.1
37.5°	0.0	0.0	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1
40°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
45°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
50°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
55°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	56.9	56.9
5°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	52.5	52.5
7.5°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	52.5	52.5
10°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12.5°	48.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
15°	48.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
17.5°	43.8	48.1	48.1	48.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5
20°	39.4	43.8	43.8	43.8	48.1	48.1	48.1	48.1	52.5	52.5	52.5
22.5°	35.0	39.4	39.4	39.4	43.8	43.8	43.8	43.8	48.1	48.1	48.1
25°	30.6	30.6	35.0	35.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4
27.5°	21.9	26.3	26.3	26.3	30.6	30.6	30.6	30.6	35.0	35.0	35.0
30°	21.9	21.9	21.9	21.9	26.3	26.3	26.3	26.3	30.6	30.6	30.6
32.5°	17.5	21.9	21.9	21.9	26.3	26.3	26.3	26.3	30.6	30.6	30.6
35°	17.5	17.5	17.5	17.5	21.9	21.9	21.9	21.9	26.3	26.3	26.3
37.5°	13.1	17.5	17.5	17.5	21.9	21.9	21.9	21.9	26.3	26.3	26.3
40°	13.1	13.1	13.1	13.1	17.5	17.5	17.5	17.5	21.9	21.9	21.9
42.5°	13.1	13.1	13.1	13.1	17.5	17.5	17.5	17.5	21.9	21.9	21.9
45°	13.1	13.1	13.1	13.1	17.5	17.5	17.5	17.5	21.9	21.9	21.9
47.5°	13.1	13.1	13.1	13.1	17.5	17.5	17.5	17.5	21.9	21.9	21.9
50°	13.1	13.1	13.1	13.1	17.5	17.5	17.5	17.5	21.9	21.9	21.9
52.5°	8.8	8.8	8.8	8.8	13.1	13.1	13.1	13.1	17.5	17.5	17.5
55°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	13.1	13.1	13.1
57.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	13.1	13.1	13.1
60°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
62.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	4.4	4.4
67.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
70°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
72.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
75°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
77.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
80°	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	8.8
82.5°	8.8	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	8.8
85°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
87.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	56.9	56.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	56.9	56.9
5°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	56.9	56.9
7.5°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	56.9	56.9
10°	52.5	52.5	52.5	52.5	48.1	48.1	52.5	52.5	52.5	56.9	56.9
12.5°	52.5	52.5	52.5	52.5	48.1	48.1	52.5	52.5	56.9	56.9	61.3
15°	52.5	52.5	48.1	48.1	48.1	48.1	52.5	52.5	56.9	56.9	61.3
17.5°	52.5	52.5	48.1	48.1	48.1	48.1	52.5	52.5	56.9	56.9	61.3
20°	52.5	52.5	48.1	48.1	48.1	48.1	48.1	48.1	52.5	56.9	56.9
22.5°	48.1	48.1	48.1	48.1	43.8	43.8	48.1	48.1	52.5	56.9	56.9
25°	39.4	43.8	43.8	43.8	43.8	43.8	48.1	48.1	52.5	56.9	56.9
27.5°	35.0	39.4	39.4	39.4	39.4	43.8	43.8	48.1	52.5	56.9	56.9
30°	30.6	35.0	35.0	35.0	39.4	43.8	43.8	48.1	52.5	56.9	56.9
32.5°	30.6	35.0	35.0	35.0	39.4	39.4	43.8	43.8	48.1	52.5	56.9
35°	30.6	30.6	35.0	35.0	35.0	39.4	39.4	43.8	48.1	52.5	56.9
37.5°	30.6	30.6	35.0	35.0	35.0	39.4	39.4	43.8	48.1	52.5	56.9
40°	26.3	30.6	30.6	35.0	35.0	39.4	39.4	43.8	48.1	56.9	61.3
42.5°	26.3	26.3	30.6	30.6	35.0	39.4	39.4	43.8	48.1	56.9	61.3
45°	26.3	30.6	30.6	35.0	39.4	43.8	43.8	48.1	52.5	56.9	61.3
47.5°	26.3	30.6	30.6	35.0	43.8	43.8	48.1	48.1	52.5	56.9	61.3
50°	26.3	30.6	30.6	35.0	48.1	48.1	48.1	48.1	52.5	56.9	61.3
52.5°	21.9	26.3	26.3	30.6	39.4	43.8	48.1	52.5	56.9	61.3	65.6
55°	17.5	21.9	21.9	26.3	35.0	39.4	48.1	56.9	61.3	65.6	70.0
57.5°	17.5	17.5	21.9	21.9	30.6	39.4	52.5	61.3	65.6	70.0	74.4
60°	13.1	13.1	17.5	17.5	26.3	35.0	48.1	61.3	65.6	74.4	78.8
62.5°	8.8	13.1	13.1	17.5	21.9	35.0	48.1	61.3	70.0	78.8	83.1
65°	8.8	8.8	13.1	13.1	21.9	30.6	43.8	52.5	65.6	78.8	91.9
67.5°	13.1	13.1	17.5	17.5	21.9	30.6	43.8	52.5	65.6	83.1	96.3
70°	13.1	13.1	17.5	17.5	26.3	35.0	43.8	52.5	65.6	83.1	96.3
72.5°	13.1	13.1	17.5	17.5	26.3	30.6	39.4	48.1	61.3	74.4	87.5
75°	8.8	13.1	13.1	13.1	21.9	26.3	35.0	43.8	56.9	70.0	83.1
77.5°	8.8	8.8	8.8	8.8	17.5	21.9	30.6	35.0	48.1	61.3	74.4
80°	8.8	8.8	8.8	8.8	13.1	17.5	26.3	30.6	43.8	56.9	70.0
82.5°	8.8	8.8	4.4	4.4	8.8	13.1	17.5	21.9	35.0	43.8	56.9
85°	8.8	8.8	4.4	4.4	4.4	8.8	8.8	13.1	17.5	21.9	26.3
87.5°	8.8	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	56.9	56.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5°	56.9	61.3	61.3	65.6	65.6	65.6	70.0	70.0	70.0	70.0	70.0
7.5°	56.9	61.3	61.3	65.6	65.6	65.6	70.0	70.0	70.0	74.4	74.4
10°	56.9	61.3	61.3	65.6	65.6	70.0	74.4	74.4	78.8	78.8	78.8
12.5°	61.3	65.6	65.6	70.0	70.0	74.4	78.8	78.8	83.1	87.5	87.5
15°	61.3	65.6	70.0	70.0	74.4	78.8	83.1	83.1	87.5	91.9	96.3
17.5°	61.3	65.6	70.0	70.0	74.4	78.8	87.5	91.9	96.3	105.0	109.4
20°	61.3	65.6	70.0	70.0	74.4	83.1	87.5	96.3	100.6	109.4	118.1
22.5°	61.3	65.6	70.0	74.4	78.8	87.5	96.3	100.6	109.4	122.5	131.3
25°	61.3	65.6	70.0	74.4	78.8	87.5	96.3	105.0	113.8	131.3	148.8
27.5°	61.3	65.6	74.4	78.8	83.1	91.9	105.0	113.8	122.5	153.1	183.8
30°	61.3	65.6	74.4	78.8	83.1	96.3	109.4	118.1	131.3	183.8	231.9
32.5°	61.3	70.0	74.4	83.1	87.5	100.6	118.1	131.3	144.4	218.8	288.8
35°	61.3	70.0	74.4	83.1	87.5	105.0	122.5	140.0	157.5	266.9	376.3
37.5°	61.3	70.0	74.4	83.1	87.5	113.8	140.0	166.3	192.5	306.3	420.0
40°	65.6	74.4	78.8	87.5	91.9	118.1	144.4	170.6	196.9	310.6	424.4
42.5°	65.6	74.4	78.8	87.5	91.9	113.8	140.0	161.9	183.8	310.6	437.5
45°	65.6	74.4	83.1	87.5	96.3	118.1	140.0	157.5	179.4	341.3	498.8
47.5°	65.6	74.4	83.1	87.5	96.3	118.1	140.0	161.9	183.8	450.7	713.2
50°	65.6	74.4	83.1	87.5	96.3	122.5	148.8	175.0	201.3	673.8	1146.3
52.5°	70.0	74.4	83.1	87.5	91.9	122.5	153.1	183.8	214.4	875.1	1531.4
55°	74.4	78.8	83.1	87.5	91.9	131.3	170.6	210.0	249.4	940.7	1627.6
57.5°	78.8	83.1	87.5	87.5	91.9	140.0	192.5	240.6	288.8	936.3	1579.5
60°	83.1	87.5	91.9	96.3	100.6	148.8	201.3	249.4	297.5	848.8	1400.1
62.5°	91.9	100.6	109.4	113.8	122.5	170.6	214.4	262.5	306.3	695.7	1080.7
65°	105.0	113.8	118.1	126.9	131.3	175.0	223.1	266.9	310.6	577.5	840.1
67.5°	109.4	118.1	122.5	131.3	135.6	179.4	223.1	266.9	310.6	490.0	665.0
70°	109.4	118.1	126.9	131.3	140.0	183.8	223.1	266.9	306.3	424.4	542.5
72.5°	100.6	113.8	122.5	135.6	144.4	183.8	218.8	258.1	293.1	376.3	459.4
75°	96.3	113.8	126.9	144.4	157.5	183.8	214.4	240.6	266.9	328.1	389.4
77.5°	87.5	109.4	131.3	153.1	175.0	192.5	205.6	223.1	236.3	275.6	315.0
80°	83.1	105.0	126.9	148.8	170.6	179.4	183.8	192.5	196.9	201.3	205.6
82.5°	65.6	83.1	100.6	113.8	131.3	122.5	118.1	109.4	100.6	96.3	91.9
85°	30.6	35.0	35.0	39.4	39.4	39.4	35.0	35.0	30.6	26.3	21.9
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	61.3	61.3	61.3	61.3	56.9	56.9	56.9	56.9	52.5	52.5	52.5
5°	70.0	70.0	70.0	70.0	65.6	65.6	65.6	65.6	61.3	61.3	61.3
7.5°	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
10°	83.1	83.1	83.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
12.5°	91.9	91.9	96.3	96.3	100.6	100.6	105.0	105.0	109.4	109.4	109.4
15°	100.6	105.0	109.4	113.8	113.8	118.1	122.5	126.9	131.3	135.6	140.0
17.5°	118.1	122.5	131.3	140.0	148.8	157.5	170.6	188.1	201.3	214.4	231.9
20°	131.3	144.4	170.6	201.3	227.5	253.8	319.4	385.0	450.7	516.3	581.9
22.5°	157.5	183.8	271.3	363.2	450.7	538.2	743.8	949.4	1150.7	1356.4	1540.1
25°	210.0	266.9	468.2	669.4	866.3	1067.6	1435.1	1807.0	2174.5	2542.1	2883.3
27.5°	288.8	393.8	721.9	1054.5	1382.6	1710.8	2244.5	2782.7	3316.5	3854.7	4331.6
30°	402.5	573.2	1063.2	1557.6	2047.7	2537.7	3211.5	3889.7	4563.5	5237.3	5674.8
32.5°	546.9	800.7	1422.0	2043.3	2664.6	3285.9	4029.7	4773.5	5512.9	6256.7	6720.5
35°	700.1	1023.8	1772.0	2524.6	3272.7	4025.3	4808.5	5591.7	6374.8	7158.0	7726.8
37.5°	787.6	1155.1	2043.3	2931.5	3815.3	4703.5	5561.0	6423.0	7280.5	8138.1	8829.4
40°	870.7	1312.6	2336.4	3360.2	4384.1	5407.9	6409.9	7411.8	8413.8	9415.7	10303.9
42.5°	993.2	1548.9	2743.3	3937.8	5127.9	6322.3	7639.3	8960.7	10277.6	11594.6	12959.7
45°	1247.0	1995.1	3544.0	5092.9	6637.4	8186.2	10054.5	11927.1	13795.4	15668.0	17418.2
47.5°	1859.5	3001.5	5114.8	7228.0	9341.3	11454.6	13607.3	15759.9	17912.6	20065.2	22147.9
50°	2879.0	4607.2	7249.9	9892.6	12530.9	15173.6	17321.9	19470.2	21614.1	23762.4	25831.9
52.5°	3837.2	6143.0	8982.5	11826.5	14666.1	17510.1	19413.3	21316.6	23219.9	25123.1	27127.0
55°	4165.3	6698.6	9573.2	12452.2	15326.8	18205.7	20039.0	21876.6	23709.9	25543.1	27621.4
57.5°	3876.5	6173.6	9070.0	11966.5	14858.6	17755.1	19802.7	21854.7	23902.4	25954.4	28181.5
60°	3246.5	5088.5	8129.4	11174.6	14215.4	17256.3	19566.5	21876.6	24186.8	26497.0	28719.6
62.5°	2572.7	4060.3	7280.5	10500.8	13721.0	16941.3	19290.8	21644.7	23994.3	26343.8	28050.2
65°	1973.3	3106.5	6274.2	9446.3	12614.1	15786.2	17711.3	19640.8	21566.0	23495.5	24676.8
67.5°	1465.7	2266.4	5036.0	7810.0	10579.5	13349.1	14766.7	16188.7	17606.3	19028.3	19947.1
70°	1080.7	1614.5	3500.3	5386.0	7267.4	9153.2	10452.7	11752.1	13047.2	14346.7	15300.5
72.5°	748.2	1032.6	2161.4	3294.6	4423.5	5552.3	6869.3	8186.2	9498.8	10815.8	11900.9
75°	511.9	634.4	1163.8	1693.3	2222.7	2752.1	3749.7	4747.2	5744.8	6742.4	7315.5
77.5°	380.7	446.3	603.8	765.7	923.2	1080.7	1273.2	1465.7	1658.2	1850.8	2100.2
80°	210.0	210.0	231.9	249.4	271.3	288.8	341.3	398.2	450.7	507.5	577.5
82.5°	96.3	100.6	109.4	118.1	122.5	131.3	140.0	148.8	157.5	166.3	166.3
85°	26.3	30.6	30.6	26.3	26.3	21.9	21.9	26.3	26.3	26.3	26.3
87.5°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	52.5	48.1	48.1	48.1	43.8	43.8	43.8	43.8	43.8	43.8	43.8
5°	61.3	61.3	61.3	61.3	56.9	56.9	56.9	56.9	56.9	52.5	52.5
7.5°	74.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.6	65.6
10°	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	83.1	83.1
12.5°	109.4	109.4	109.4	109.4	113.8	113.8	109.4	109.4	109.4	105.0	105.0
15°	144.4	148.8	153.1	153.1	157.5	157.5	157.5	153.1	153.1	148.8	144.4
17.5°	245.0	258.1	275.6	293.1	310.6	323.8	323.8	315.0	306.3	297.5	288.8
20°	651.9	717.6	787.6	857.6	931.9	984.4	949.4	923.2	896.9	866.3	840.1
22.5°	1728.3	1912.0	2100.2	2231.4	2362.7	2454.6	2380.2	2235.8	2091.4	1951.4	1807.0
25°	3224.6	3561.5	3902.8	4042.8	4187.2	4292.2	4244.1	4025.3	3806.5	3592.1	3373.4
27.5°	4808.5	5281.0	5757.9	5880.4	6002.9	6094.8	6077.3	5792.9	5508.5	5224.1	4939.7
30°	6112.3	6549.9	6987.4	7109.9	7232.4	7315.5	7223.7	6939.3	6654.9	6370.5	6086.1
32.5°	7188.7	7652.4	8120.6	8282.5	8444.4	8553.8	8444.4	8103.1	7761.8	7424.9	7083.7
35°	8295.6	8860.0	9428.8	9634.5	9840.1	9971.4	9787.6	9367.6	8947.5	8531.9	8111.9
37.5°	9520.7	10207.6	10898.9	11179.0	11463.4	11660.2	11520.2	10995.2	10465.8	9940.7	9411.3
40°	11196.5	12084.6	12977.2	13480.4	13979.2	14333.6	14084.2	13476.0	12863.5	12255.3	11642.7
42.5°	14329.2	15694.3	17059.4	17781.3	18498.9	19019.5	18739.5	17991.3	17243.2	16495.0	15746.8
45°	19168.3	20914.1	22664.2	23718.6	24777.5	25556.3	25232.5	24291.8	23346.7	22406.0	21465.3
47.5°	24230.6	26313.2	28395.9	29235.9	30080.4	30736.7	30657.9	29485.3	28312.7	27144.5	25971.9
50°	27905.8	29975.4	32044.9	32766.8	33493.1	34031.3	33830.0	32338.0	30841.7	29349.7	27853.3
52.5°	29130.9	31130.4	33134.3	33996.3	34858.2	35501.4	35256.4	33576.2	31896.1	30220.4	28540.2
55°	29699.7	31778.0	33856.3	34906.3	35960.8	36730.9	36376.5	34534.4	32688.1	30846.0	28999.7
57.5°	30408.5	32635.6	34862.6	36013.3	37164.0	37995.3	37522.8	35615.1	33707.5	31804.2	29896.6
60°	30942.3	33160.6	35383.3	36306.4	37234.0	37881.6	37426.5	35571.4	33711.9	31856.7	30001.6
62.5°	29761.0	31467.3	33173.7	33860.6	34547.6	35046.4	34788.2	33029.3	31270.5	29511.6	27752.7
65°	25862.5	27043.9	28229.6	28693.4	29152.8	29507.2	29428.4	27945.2	26462.0	24983.1	23499.9
67.5°	20870.3	21789.1	22712.3	23368.6	24029.3	24541.2	24484.3	23132.3	21780.4	20428.4	19076.4
70°	16258.7	17212.5	18166.4	18993.3	19824.6	20467.8	20384.6	19128.9	17868.8	16613.1	15353.0
72.5°	12990.3	14075.4	15160.5	15633.0	16105.6	16438.1	16193.1	15243.6	14289.8	13340.4	12386.5
75°	7888.7	8457.5	9030.7	9026.3	9026.3	8973.8	8728.8	8186.2	7643.7	7101.2	6558.6
77.5°	2349.5	2598.9	2848.3	3089.0	3334.0	3517.8	3469.6	3185.2	2896.5	2612.1	2323.3
80°	647.5	713.2	783.2	813.8	844.4	883.8	984.4	914.4	844.4	778.8	708.8
82.5°	166.3	166.3	166.3	161.9	157.5	148.8	135.6	126.9	118.1	109.4	100.6
85°	26.3	21.9	21.9	21.9	17.5	17.5	17.5	17.5	13.1	13.1	8.8
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.5°	43.8	43.8	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	35.0
5°	52.5	52.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	43.8
7.5°	65.6	65.6	61.3	61.3	61.3	61.3	56.9	56.9	56.9	56.9	52.5
10°	83.1	78.8	78.8	74.4	74.4	74.4	70.0	70.0	70.0	65.6	65.6
12.5°	105.0	100.6	100.6	96.3	91.9	91.9	87.5	83.1	78.8	78.8	74.4
15°	140.0	135.6	131.3	126.9	122.5	113.8	109.4	100.6	96.3	91.9	87.5
17.5°	266.9	245.0	223.1	201.3	183.8	166.3	148.8	131.3	122.5	113.8	105.0
20°	743.8	643.2	546.9	450.7	389.4	328.1	266.9	205.6	179.4	157.5	131.3
22.5°	1610.1	1408.9	1212.0	1010.7	848.8	691.3	529.4	367.5	306.3	249.4	188.1
25°	2992.7	2607.7	2227.0	1842.0	1535.7	1229.5	923.2	616.9	503.2	389.4	275.6
27.5°	4441.0	3942.2	3443.4	2944.6	2458.9	1968.9	1478.9	993.2	796.3	603.8	406.9
30°	5556.7	5027.2	4502.2	3972.8	3360.2	2747.7	2130.8	1518.2	1207.6	896.9	581.9
32.5°	6514.9	5941.7	5372.9	4799.7	4090.9	3382.1	2673.3	1964.5	1575.1	1185.7	791.9
35°	7464.3	6812.4	6164.8	5512.9	4751.6	3990.3	3229.0	2467.7	1973.3	1478.9	980.1
37.5°	8619.4	7823.1	7031.1	6239.2	5456.0	4677.2	3894.0	3110.9	2480.8	1855.1	1225.1
40°	10632.0	9617.0	8606.3	7591.2	6676.7	5766.7	4852.2	3937.8	3145.9	2353.9	1557.6
42.5°	14473.6	13200.4	11931.5	10658.3	9393.8	8129.4	6860.5	5596.0	4467.2	3342.7	2213.9
45°	19833.3	18201.4	16573.7	14941.7	13384.1	11830.9	10273.3	8715.6	7000.5	5285.4	3565.9
47.5°	24186.8	22397.3	20612.2	18822.6	17094.4	15370.5	13642.3	11914.0	9717.6	7525.6	5329.1
50°	26151.3	24444.9	22742.9	21036.6	19303.9	17566.9	15829.9	14097.3	11577.1	9061.3	6541.1
52.5°	26812.0	25079.4	23351.1	21618.5	19899.0	18179.5	16460.0	14740.5	12119.7	9503.2	6882.4
55°	27175.1	25346.3	23521.7	21692.9	19842.1	17987.0	16131.8	14281.1	11673.4	9070.0	6462.4
57.5°	27910.2	25919.4	23933.0	21942.3	19833.3	17724.4	15611.2	13502.3	10929.6	8356.9	5784.2
60°	28045.8	26085.7	24129.9	22174.1	19842.1	17510.1	15173.6	12841.6	10286.4	7735.6	5180.4
62.5°	26116.3	24479.9	22847.9	21211.6	18875.2	16538.7	14197.9	11861.5	9415.7	6969.9	4519.7
65°	22086.6	20673.4	19264.6	17851.3	15943.7	14040.4	12132.8	10225.1	8041.8	5862.9	3679.6
67.5°	17693.8	16311.2	14933.0	13550.4	12115.3	10684.5	9249.4	7814.3	6129.8	4445.3	2760.8
70°	14027.3	12697.2	11371.5	10041.4	8772.5	7499.3	6226.1	4957.2	3911.5	2870.2	1824.5
72.5°	11117.7	9844.5	8575.6	7302.4	6151.7	5001.0	3850.3	2699.6	2178.9	1662.6	1142.0
75°	5897.9	5237.3	4581.0	3920.3	3272.7	2620.8	1968.9	1321.3	1115.7	910.1	700.1
77.5°	2034.5	1745.8	1461.4	1172.6	975.7	778.8	581.9	385.0	363.2	345.7	323.8
80°	616.9	525.0	433.2	341.3	301.9	262.5	223.1	183.8	170.6	157.5	140.0
82.5°	96.3	87.5	83.1	74.4	70.0	70.0	65.6	61.3	52.5	48.1	39.4
85°	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: P1067717

CATALOG NUMBER: NAV-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	39.4	39.4
2.5°	35.0	35.0
5°	43.8	43.8
7.5°	52.5	52.5
10°	61.3	61.3
12.5°	70.0	70.0
15°	83.1	78.8
17.5°	96.3	91.9
20°	105.0	96.3
22.5°	126.9	109.4
25°	161.9	135.6
27.5°	210.0	166.3
30°	271.3	210.0
32.5°	402.5	293.1
35°	485.7	354.4
37.5°	595.0	411.3
40°	765.7	498.8
42.5°	1085.1	678.2
45°	1850.8	1124.5
47.5°	3137.1	1916.4
50°	4020.9	2458.9
52.5°	4265.9	2607.7
55°	3859.0	2393.3
57.5°	3211.5	2034.5
60°	2629.6	1675.7
62.5°	2073.9	1325.7
65°	1496.4	1001.9
67.5°	1076.3	770.1
70°	783.2	603.8
72.5°	621.3	503.2
75°	494.4	420.0
77.5°	306.3	280.0
80°	126.9	118.1
82.5°	30.6	26.3
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: P1067717

CATALOG NUMBER: NAV-SA5A-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

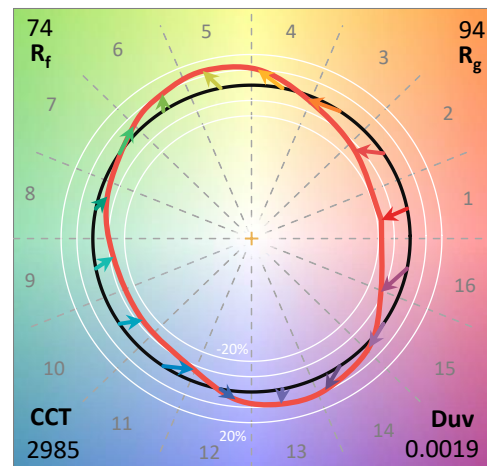
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

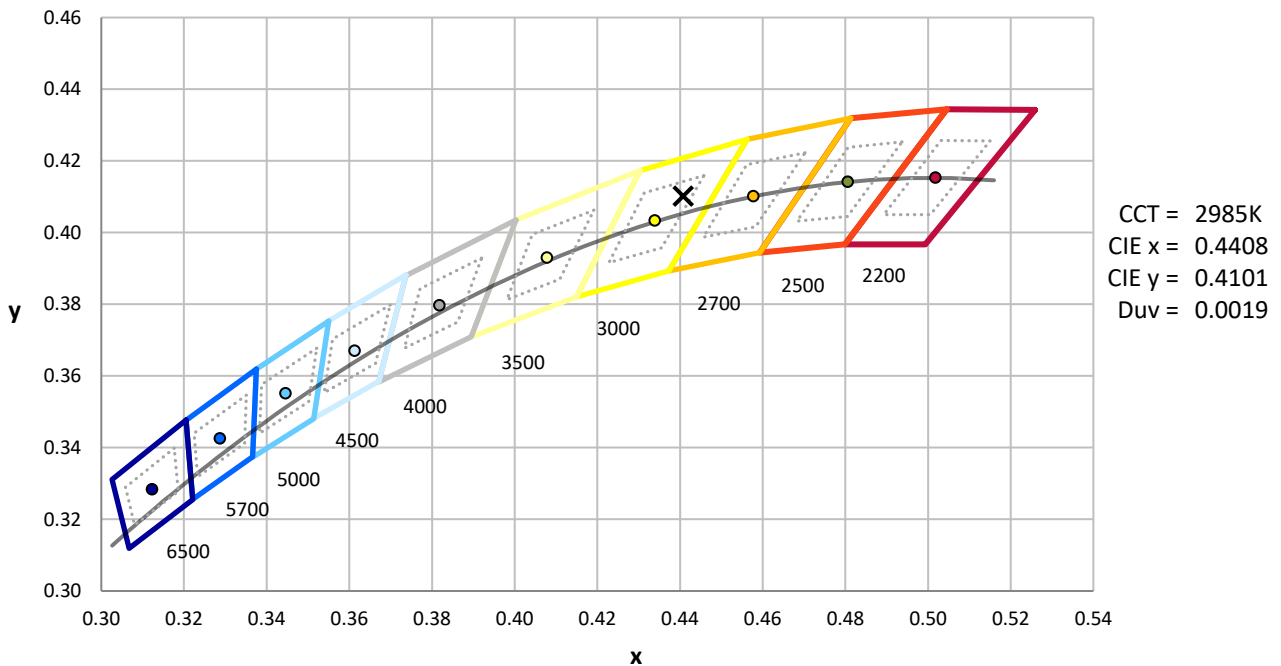
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

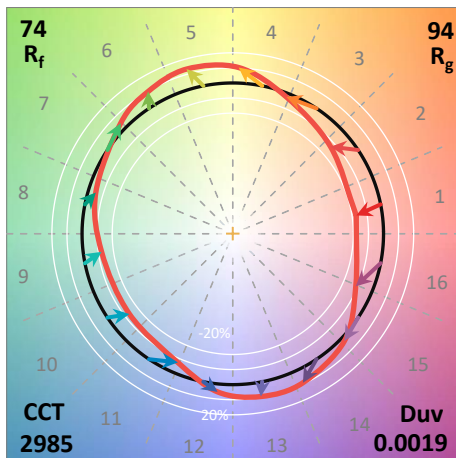
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics

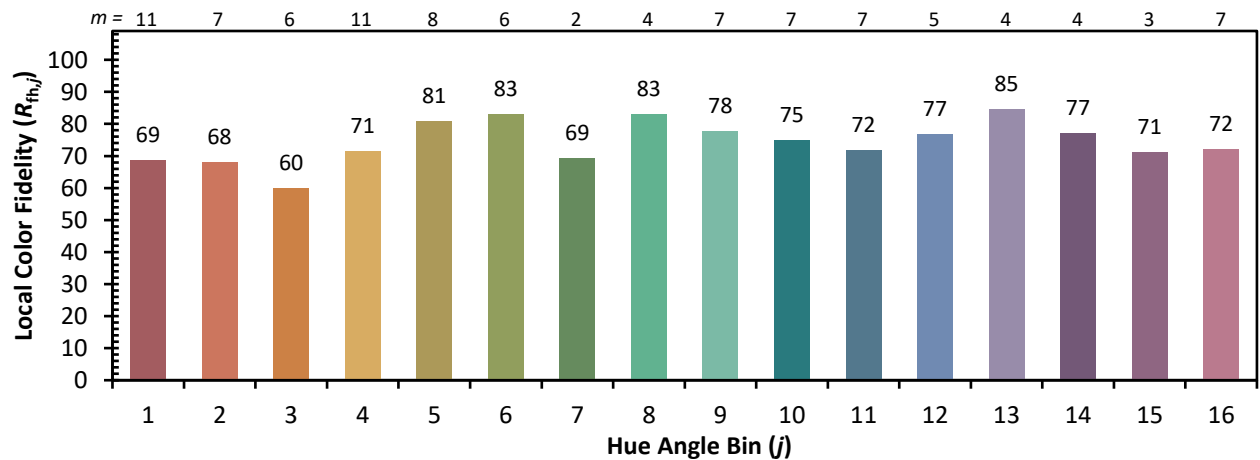
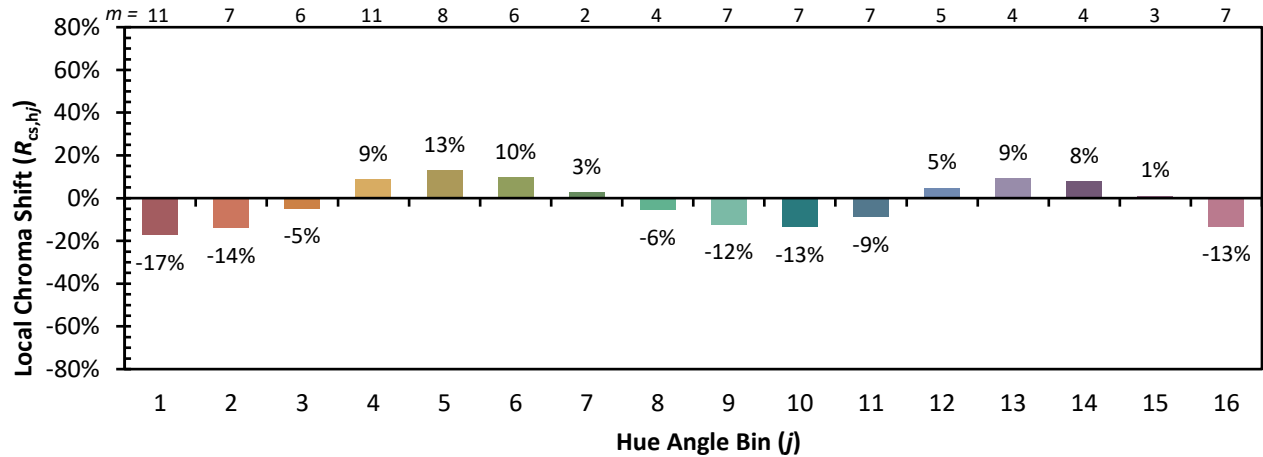


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)