

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: P1067641

Luminaire Tested: **NAV-SA4A-740-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067641
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4A-740-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12223.9 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

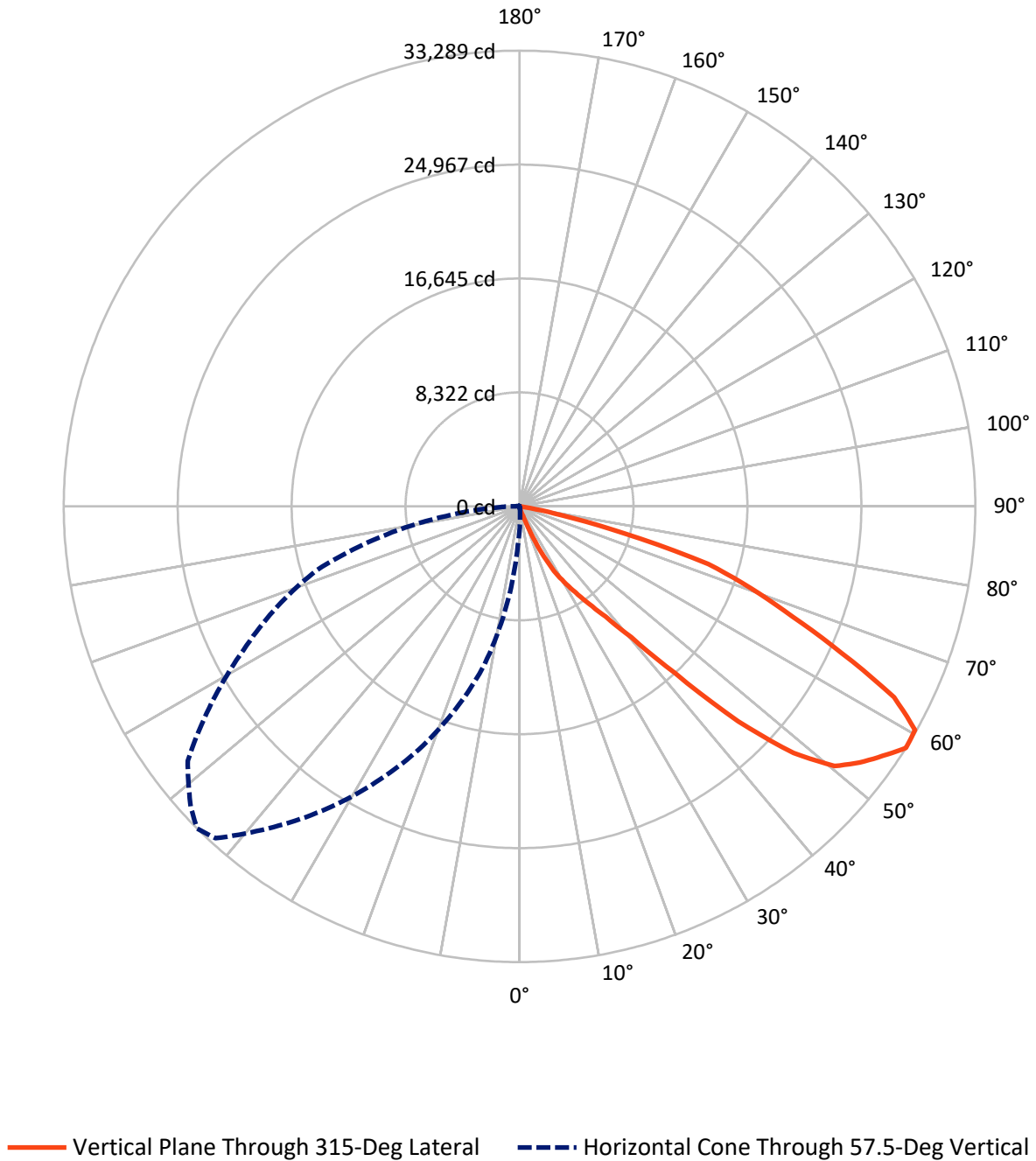
Input Watts (W): 107.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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CATALOG NUMBER: NAV-SA4A-740-U-RBC

Luminous Intensity Polar Plot



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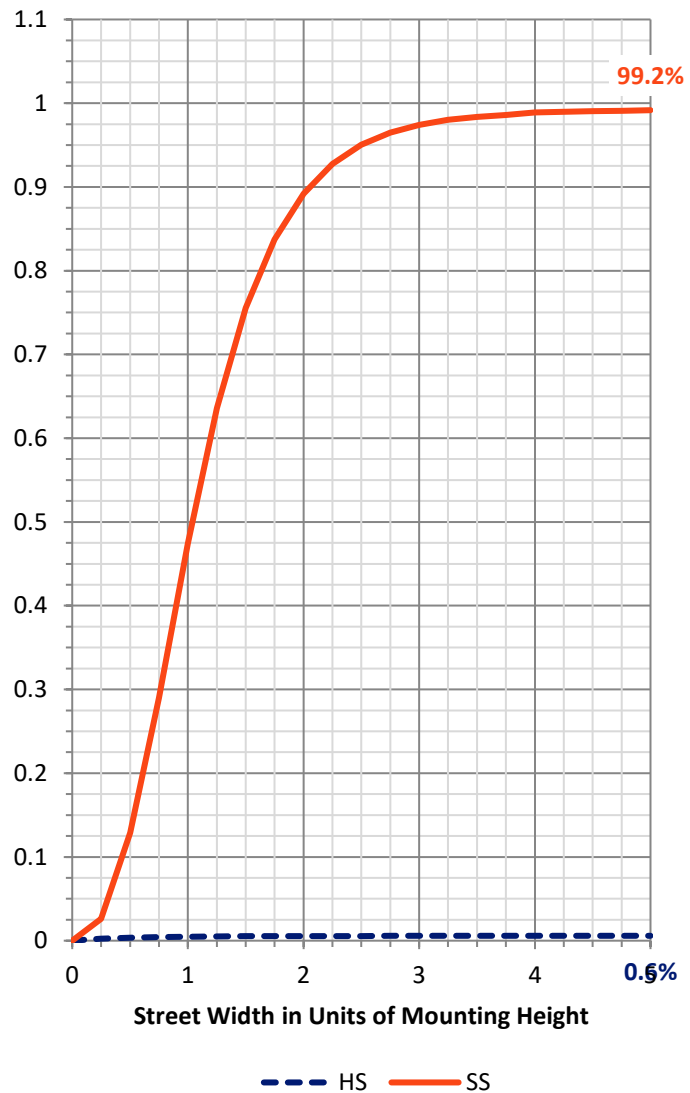
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	72.7	0.0	72.7
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	12151.1	0.0	12151.1
	% Fixture	99.4	0.0	99.4
Total	Lumens	12223.9	0.0	12223.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.0
10°-20°	17.9	0.1
20°-30°	228.1	1.9
30°-40°	768.9	6.3
40°-50°	2322.2	19.0
50°-60°	4097.0	33.5
60°-70°	3609.5	29.5
70°-80°	1149.0	9.4
80°-90°	27.7	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°	12223.9	100.0
0°-180°	12223.9	100.0



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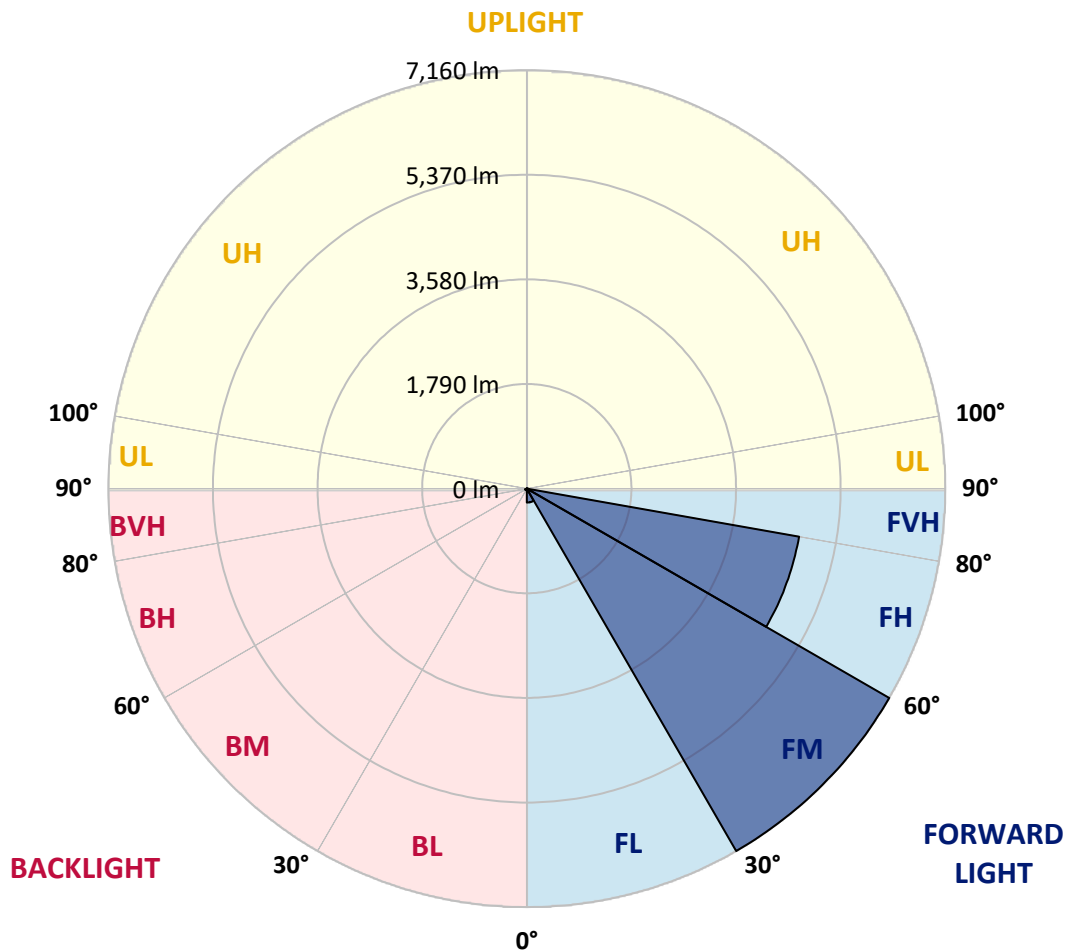
CATALOG NUMBER: NAV-SA4A-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	238.8	2.0			
FM	(30°-60°)	7159.9	58.6			
FH	(60°-80°)	4730.0	38.7			G2/5000
FVH	(80°-90°)	22.5	0.2			G1/100
BL	(0°-30°)	10.9	0.1	B0/110		
BM	(30°-60°)	28.2	0.2	B0/220		
BH	(60°-80°)	28.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	26.8
5°	38.3	38.3	38.3	34.5	34.5	34.5	30.7	30.7	30.7	30.7	30.7
7.5°	46.0	42.2	42.2	38.3	38.3	38.3	34.5	34.5	34.5	34.5	30.7
10°	53.7	49.8	49.8	46.0	46.0	42.2	42.2	38.3	38.3	34.5	34.5
12.5°	61.3	57.5	53.7	49.8	49.8	46.0	46.0	42.2	42.2	38.3	38.3
15°	69.0	65.2	61.3	57.5	53.7	53.7	49.8	46.0	42.2	42.2	38.3
17.5°	80.5	72.8	69.0	61.3	57.5	53.7	49.8	46.0	46.0	42.2	42.2
20°	84.3	76.7	72.8	65.2	61.3	57.5	53.7	49.8	46.0	46.0	42.2
22.5°	99.7	84.3	80.5	72.8	69.0	65.2	57.5	53.7	49.8	46.0	42.2
25°	122.7	99.7	88.2	76.7	72.8	65.2	61.3	53.7	49.8	46.0	42.2
27.5°	149.5	111.2	99.7	84.3	76.7	69.0	61.3	53.7	49.8	46.0	42.2
30°	184.0	130.3	111.2	92.0	84.3	76.7	65.2	57.5	53.7	49.8	42.2
32.5°	256.8	161.0	130.3	99.7	88.2	80.5	69.0	57.5	53.7	49.8	42.2
35°	310.5	195.5	157.2	115.0	99.7	88.2	72.8	57.5	53.7	49.8	42.2
37.5°	360.3	199.3	161.0	122.7	107.3	92.0	72.8	57.5	53.7	49.8	42.2
40°	440.8	207.0	161.0	115.0	103.5	88.2	76.7	61.3	57.5	49.8	46.0
42.5°	594.2	237.7	172.5	107.3	95.8	88.2	76.7	65.2	57.5	53.7	46.0
45°	989.0	352.7	233.8	111.2	99.7	88.2	76.7	65.2	61.3	53.7	49.8
47.5°	1682.9	613.3	364.2	115.0	103.5	88.2	76.7	61.3	57.5	53.7	46.0
50°	2154.4	785.8	460.0	134.2	115.0	99.7	80.5	61.3	57.5	53.7	49.8
52.5°	2288.5	835.7	498.3	157.2	134.2	111.2	84.3	61.3	57.5	57.5	53.7
55°	2096.9	812.7	498.3	184.0	153.3	126.5	95.8	65.2	61.3	61.3	57.5
57.5°	1782.5	751.3	475.3	199.3	168.7	134.2	103.5	69.0	65.2	65.2	61.3
60°	1468.2	632.5	429.3	222.3	187.8	153.3	118.8	84.3	80.5	76.7	69.0
62.5°	1165.4	509.8	375.7	237.7	203.2	164.8	130.3	92.0	88.2	84.3	80.5
65°	877.8	444.7	348.8	249.2	210.8	172.5	134.2	95.8	92.0	92.0	88.2
67.5°	674.7	406.3	333.5	256.8	218.5	180.2	141.8	103.5	99.7	95.8	92.0
70°	532.8	375.7	314.3	253.0	218.5	184.0	145.7	111.2	103.5	99.7	92.0
72.5°	444.7	341.2	291.3	241.5	214.7	187.8	161.0	134.2	118.8	107.3	92.0
75°	371.8	306.7	264.5	218.5	199.3	184.0	164.8	145.7	126.5	107.3	88.2
77.5°	245.3	222.3	203.2	184.0	172.5	161.0	145.7	134.2	115.0	99.7	80.5
80°	103.5	95.8	99.7	99.7	99.7	99.7	95.8	95.8	84.3	72.8	57.5
82.5°	23.0	19.2	23.0	23.0	23.0	23.0	19.2	19.2	19.2	15.3	15.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
5°	30.7	30.7	30.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
7.5°	30.7	30.7	30.7	26.8	26.8	26.8	26.8	23.0	23.0	23.0	23.0
10°	30.7	30.7	30.7	26.8	26.8	26.8	26.8	23.0	23.0	23.0	23.0
12.5°	34.5	34.5	30.7	30.7	26.8	26.8	26.8	23.0	23.0	23.0	23.0
15°	34.5	34.5	30.7	30.7	26.8	26.8	26.8	23.0	23.0	23.0	23.0
17.5°	38.3	34.5	34.5	30.7	26.8	26.8	26.8	23.0	23.0	23.0	23.0
20°	38.3	34.5	34.5	30.7	26.8	26.8	26.8	23.0	23.0	23.0	23.0
22.5°	38.3	34.5	34.5	30.7	26.8	26.8	23.0	23.0	19.2	19.2	15.3
25°	38.3	34.5	34.5	30.7	26.8	26.8	23.0	23.0	19.2	15.3	15.3
27.5°	38.3	34.5	34.5	30.7	26.8	23.0	23.0	19.2	15.3	11.5	11.5
30°	38.3	34.5	34.5	30.7	26.8	23.0	19.2	15.3	11.5	11.5	7.7
32.5°	38.3	34.5	30.7	26.8	23.0	19.2	19.2	15.3	11.5	7.7	7.7
35°	38.3	34.5	30.7	26.8	23.0	19.2	19.2	15.3	11.5	7.7	7.7
37.5°	38.3	34.5	30.7	26.8	23.0	19.2	15.3	11.5	7.7	7.7	3.8
40°	38.3	34.5	30.7	26.8	23.0	19.2	15.3	11.5	7.7	7.7	3.8
42.5°	38.3	34.5	30.7	26.8	23.0	19.2	15.3	11.5	7.7	7.7	3.8
45°	42.2	38.3	34.5	26.8	23.0	19.2	19.2	15.3	11.5	7.7	7.7
47.5°	42.2	38.3	34.5	26.8	23.0	19.2	19.2	15.3	11.5	7.7	7.7
50°	46.0	42.2	38.3	30.7	26.8	23.0	19.2	11.5	7.7	7.7	3.8
52.5°	49.8	46.0	42.2	38.3	34.5	26.8	19.2	11.5	3.8	3.8	3.8
55°	53.7	49.8	49.8	46.0	42.2	30.7	23.0	11.5	0.0	0.0	0.0
57.5°	57.5	53.7	53.7	49.8	46.0	34.5	23.0	11.5	0.0	0.0	0.0
60°	65.2	61.3	57.5	49.8	46.0	34.5	23.0	11.5	0.0	0.0	0.0
62.5°	76.7	69.0	57.5	49.8	38.3	30.7	19.2	11.5	0.0	0.0	0.0
65°	84.3	72.8	61.3	46.0	34.5	26.8	19.2	7.7	0.0	0.0	0.0
67.5°	88.2	72.8	61.3	46.0	30.7	23.0	15.3	7.7	0.0	0.0	0.0
70°	84.3	69.0	57.5	42.2	26.8	19.2	15.3	7.7	0.0	0.0	0.0
72.5°	76.7	65.2	49.8	38.3	23.0	19.2	11.5	7.7	0.0	0.0	0.0
75°	69.0	57.5	42.2	30.7	15.3	11.5	7.7	3.8	0.0	0.0	0.0
77.5°	61.3	49.8	34.5	23.0	7.7	7.7	3.8	3.8	0.0	0.0	0.0
80°	46.0	34.5	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.5	7.7	7.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
5°	23.0	23.0	23.0	23.0	19.2	19.2	19.2	19.2	19.2	19.2	19.2
7.5°	23.0	23.0	23.0	23.0	19.2	19.2	19.2	19.2	15.3	15.3	15.3
10°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	15.3	15.3	15.3
12.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	15.3	15.3	15.3
15°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	15.3	15.3	11.5	11.5
17.5°	19.2	19.2	19.2	19.2	15.3	15.3	15.3	11.5	11.5	7.7	7.7
20°	19.2	19.2	19.2	15.3	15.3	11.5	11.5	7.7	7.7	3.8	3.8
22.5°	15.3	11.5	11.5	7.7	7.7	3.8	3.8	3.8	0.0	0.0	0.0
25°	11.5	7.7	7.7	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	7.7	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	7.7	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	23.0	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	15.3	15.3	15.3	15.3	15.3	15.3	15.3
7.5°	15.3	15.3	15.3	15.3	15.3	15.3	11.5	11.5	11.5	11.5	11.5
10°	15.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.7	7.7
12.5°	15.3	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7	3.8	3.8
15°	11.5	7.7	7.7	7.7	3.8	3.8	3.8	3.8	3.8	0.0	0.0
17.5°	7.7	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	23.0	23.0
5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
7.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
10°	7.7	7.7	7.7	7.7	7.7	7.7	3.8	3.8	3.8	3.8	3.8
12.5°	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	23.0	23.0	23.0	23.0	23.0	26.8	26.8	30.7	30.7	34.5	34.5
5°	15.3	15.3	19.2	19.2	19.2	19.2	23.0	23.0	23.0	26.8	26.8
7.5°	11.5	11.5	11.5	11.5	11.5	15.3	15.3	19.2	19.2	23.0	23.0
10°	3.8	3.8	7.7	7.7	7.7	7.7	11.5	11.5	11.5	15.3	19.2
12.5°	0.0	0.0	3.8	3.8	3.8	3.8	7.7	7.7	7.7	11.5	15.3
15°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	7.7	11.5
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.7
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	38.3	38.3	42.2	42.2	46.0	46.0	49.8	49.8	49.8	49.8	49.8
5°	30.7	30.7	34.5	38.3	38.3	42.2	46.0	46.0	46.0	46.0	46.0
7.5°	26.8	26.8	30.7	34.5	34.5	38.3	42.2	42.2	46.0	46.0	46.0
10°	19.2	23.0	26.8	30.7	30.7	34.5	38.3	38.3	42.2	42.2	42.2
12.5°	15.3	19.2	23.0	26.8	26.8	30.7	34.5	34.5	38.3	38.3	42.2
15°	11.5	15.3	19.2	23.0	23.0	26.8	30.7	30.7	34.5	38.3	42.2
17.5°	7.7	11.5	15.3	19.2	19.2	23.0	26.8	30.7	34.5	34.5	38.3
20°	7.7	7.7	11.5	15.3	15.3	19.2	23.0	26.8	30.7	30.7	34.5
22.5°	3.8	3.8	7.7	11.5	11.5	15.3	19.2	23.0	26.8	26.8	30.7
25°	0.0	0.0	3.8	7.7	7.7	11.5	15.3	15.3	19.2	19.2	23.0
27.5°	0.0	0.0	3.8	3.8	7.7	7.7	11.5	11.5	15.3	15.3	19.2
30°	0.0	0.0	3.8	3.8	7.7	7.7	11.5	11.5	15.3	15.3	15.3
32.5°	0.0	0.0	0.0	3.8	3.8	3.8	7.7	7.7	11.5	11.5	15.3
35°	0.0	0.0	0.0	3.8	3.8	3.8	7.7	7.7	11.5	11.5	11.5
37.5°	0.0	0.0	0.0	3.8	3.8	3.8	7.7	7.7	7.7	7.7	11.5
40°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
45°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
50°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
55°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	7.7	7.7	7.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	49.8	49.8
5°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	46.0	46.0
7.5°	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	46.0	46.0
10°	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
12.5°	42.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
15°	42.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17.5°	38.3	42.2	42.2	42.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0
20°	34.5	38.3	38.3	38.3	42.2	42.2	42.2	42.2	46.0	46.0	46.0
22.5°	30.7	34.5	34.5	34.5	38.3	38.3	38.3	38.3	42.2	42.2	42.2
25°	26.8	26.8	30.7	30.7	34.5	34.5	34.5	34.5	34.5	34.5	34.5
27.5°	19.2	23.0	23.0	23.0	26.8	26.8	26.8	26.8	30.7	30.7	30.7
30°	19.2	19.2	19.2	19.2	23.0	23.0	23.0	23.0	26.8	26.8	26.8
32.5°	15.3	19.2	19.2	19.2	23.0	23.0	23.0	23.0	26.8	26.8	26.8
35°	15.3	15.3	15.3	15.3	19.2	19.2	19.2	19.2	23.0	23.0	23.0
37.5°	11.5	15.3	15.3	15.3	19.2	19.2	19.2	19.2	23.0	23.0	23.0
40°	11.5	11.5	11.5	11.5	15.3	15.3	15.3	15.3	19.2	19.2	19.2
42.5°	11.5	11.5	11.5	11.5	15.3	15.3	15.3	15.3	19.2	19.2	19.2
45°	11.5	11.5	11.5	11.5	15.3	15.3	15.3	15.3	19.2	19.2	19.2
47.5°	11.5	11.5	11.5	11.5	15.3	15.3	15.3	15.3	19.2	19.2	19.2
50°	11.5	11.5	11.5	11.5	15.3	15.3	15.3	15.3	19.2	19.2	19.2
52.5°	7.7	7.7	7.7	7.7	11.5	11.5	11.5	11.5	15.3	15.3	15.3
55°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	11.5	11.5	11.5
57.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	11.5	11.5	11.5
60°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
62.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	3.8	3.8
67.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	11.5	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
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: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	49.8	49.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	49.8	49.8
5°	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	49.8	49.8
7.5°	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	49.8	49.8
10°	46.0	46.0	46.0	46.0	42.2	42.2	46.0	46.0	46.0	49.8	49.8
12.5°	46.0	46.0	46.0	46.0	42.2	42.2	46.0	46.0	49.8	49.8	53.7
15°	46.0	46.0	42.2	42.2	42.2	42.2	46.0	46.0	49.8	49.8	53.7
17.5°	46.0	46.0	42.2	42.2	42.2	42.2	46.0	46.0	49.8	49.8	53.7
20°	46.0	46.0	42.2	42.2	42.2	42.2	42.2	42.2	46.0	49.8	49.8
22.5°	42.2	42.2	42.2	42.2	38.3	38.3	42.2	42.2	46.0	49.8	49.8
25°	34.5	38.3	38.3	38.3	38.3	38.3	42.2	42.2	46.0	49.8	49.8
27.5°	30.7	34.5	34.5	34.5	34.5	38.3	38.3	42.2	46.0	49.8	49.8
30°	26.8	30.7	30.7	30.7	34.5	38.3	38.3	42.2	46.0	49.8	49.8
32.5°	26.8	30.7	30.7	30.7	34.5	34.5	38.3	38.3	42.2	46.0	49.8
35°	26.8	26.8	30.7	30.7	30.7	34.5	34.5	38.3	42.2	46.0	49.8
37.5°	26.8	26.8	30.7	30.7	30.7	34.5	34.5	38.3	42.2	46.0	49.8
40°	23.0	26.8	26.8	30.7	30.7	34.5	34.5	38.3	42.2	49.8	53.7
42.5°	23.0	23.0	26.8	26.8	30.7	34.5	34.5	38.3	42.2	49.8	53.7
45°	23.0	26.8	26.8	30.7	34.5	38.3	38.3	42.2	46.0	49.8	53.7
47.5°	23.0	26.8	26.8	30.7	38.3	38.3	42.2	42.2	46.0	49.8	53.7
50°	23.0	26.8	26.8	30.7	42.2	42.2	42.2	42.2	46.0	49.8	53.7
52.5°	19.2	23.0	23.0	26.8	34.5	38.3	42.2	46.0	49.8	53.7	57.5
55°	15.3	19.2	19.2	23.0	30.7	34.5	42.2	49.8	53.7	57.5	61.3
57.5°	15.3	15.3	19.2	19.2	26.8	34.5	46.0	53.7	57.5	61.3	65.2
60°	11.5	11.5	15.3	15.3	23.0	30.7	42.2	53.7	57.5	65.2	69.0
62.5°	7.7	11.5	11.5	15.3	19.2	30.7	42.2	53.7	61.3	69.0	72.8
65°	7.7	7.7	11.5	11.5	19.2	26.8	38.3	46.0	57.5	69.0	80.5
67.5°	11.5	11.5	15.3	15.3	19.2	26.8	38.3	46.0	57.5	72.8	84.3
70°	11.5	11.5	15.3	15.3	23.0	30.7	38.3	46.0	57.5	72.8	84.3
72.5°	11.5	11.5	15.3	15.3	23.0	26.8	34.5	42.2	53.7	65.2	76.7
75°	7.7	11.5	11.5	11.5	19.2	23.0	30.7	38.3	49.8	61.3	72.8
77.5°	7.7	7.7	7.7	7.7	15.3	19.2	26.8	30.7	42.2	53.7	65.2
80°	7.7	7.7	7.7	7.7	11.5	15.3	23.0	26.8	38.3	49.8	61.3
82.5°	7.7	7.7	3.8	3.8	7.7	11.5	15.3	19.2	30.7	38.3	49.8
85°	7.7	7.7	3.8	3.8	3.8	7.7	7.7	11.5	15.3	19.2	23.0
87.5°	7.7	7.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	49.8	49.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
5°	49.8	53.7	53.7	57.5	57.5	57.5	61.3	61.3	61.3	61.3	61.3
7.5°	49.8	53.7	53.7	57.5	57.5	57.5	61.3	61.3	61.3	65.2	65.2
10°	49.8	53.7	53.7	57.5	57.5	61.3	65.2	65.2	69.0	69.0	69.0
12.5°	53.7	57.5	57.5	61.3	61.3	65.2	69.0	69.0	72.8	76.7	76.7
15°	53.7	57.5	61.3	61.3	65.2	69.0	72.8	72.8	76.7	80.5	84.3
17.5°	53.7	57.5	61.3	61.3	65.2	69.0	76.7	80.5	84.3	92.0	95.8
20°	53.7	57.5	61.3	61.3	65.2	72.8	76.7	84.3	88.2	95.8	103.5
22.5°	53.7	57.5	61.3	65.2	69.0	76.7	84.3	88.2	95.8	107.3	115.0
25°	53.7	57.5	61.3	65.2	69.0	76.7	84.3	92.0	99.7	115.0	130.3
27.5°	53.7	57.5	65.2	69.0	72.8	80.5	92.0	99.7	107.3	134.2	161.0
30°	53.7	57.5	65.2	69.0	72.8	84.3	95.8	103.5	115.0	161.0	203.2
32.5°	53.7	61.3	65.2	72.8	76.7	88.2	103.5	115.0	126.5	191.7	253.0
35°	53.7	61.3	65.2	72.8	76.7	92.0	107.3	122.7	138.0	233.8	329.7
37.5°	53.7	61.3	65.2	72.8	76.7	99.7	122.7	145.7	168.7	268.3	368.0
40°	57.5	65.2	69.0	76.7	80.5	103.5	126.5	149.5	172.5	272.2	371.8
42.5°	57.5	65.2	69.0	76.7	80.5	99.7	122.7	141.8	161.0	272.2	383.3
45°	57.5	65.2	72.8	76.7	84.3	103.5	122.7	138.0	157.2	299.0	437.0
47.5°	57.5	65.2	72.8	76.7	84.3	103.5	122.7	141.8	161.0	394.8	624.8
50°	57.5	65.2	72.8	76.7	84.3	107.3	130.3	153.3	176.3	590.3	1004.4
52.5°	61.3	65.2	72.8	76.7	80.5	107.3	134.2	161.0	187.8	766.7	1341.7
55°	65.2	69.0	72.8	76.7	80.5	115.0	149.5	184.0	218.5	824.2	1426.0
57.5°	69.0	72.8	76.7	76.7	80.5	122.7	168.7	210.8	253.0	820.3	1383.9
60°	72.8	76.7	80.5	84.3	88.2	130.3	176.3	218.5	260.7	743.7	1226.7
62.5°	80.5	88.2	95.8	99.7	107.3	149.5	187.8	230.0	268.3	609.5	946.8
65°	92.0	99.7	103.5	111.2	115.0	153.3	195.5	233.8	272.2	506.0	736.0
67.5°	95.8	103.5	107.3	115.0	118.8	157.2	195.5	233.8	272.2	429.3	582.7
70°	95.8	103.5	111.2	115.0	122.7	161.0	195.5	233.8	268.3	371.8	475.3
72.5°	88.2	99.7	107.3	118.8	126.5	161.0	191.7	226.2	256.8	329.7	402.5
75°	84.3	99.7	111.2	126.5	138.0	161.0	187.8	210.8	233.8	287.5	341.2
77.5°	76.7	95.8	115.0	134.2	153.3	168.7	180.2	195.5	207.0	241.5	276.0
80°	72.8	92.0	111.2	130.3	149.5	157.2	161.0	168.7	172.5	176.3	180.2
82.5°	57.5	72.8	88.2	99.7	115.0	107.3	103.5	95.8	88.2	84.3	80.5
85°	26.8	30.7	30.7	34.5	34.5	34.5	30.7	30.7	26.8	23.0	19.2
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	53.7	53.7	53.7	53.7	49.8	49.8	49.8	49.8	46.0	46.0	46.0
5°	61.3	61.3	61.3	61.3	57.5	57.5	57.5	57.5	53.7	53.7	53.7
7.5°	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
10°	72.8	72.8	72.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
12.5°	80.5	80.5	84.3	84.3	88.2	88.2	92.0	92.0	95.8	95.8	95.8
15°	88.2	92.0	95.8	99.7	99.7	103.5	107.3	111.2	115.0	118.8	122.7
17.5°	103.5	107.3	115.0	122.7	130.3	138.0	149.5	164.8	176.3	187.8	203.2
20°	115.0	126.5	149.5	176.3	199.3	222.3	279.8	337.3	394.8	452.3	509.8
22.5°	138.0	161.0	237.7	318.2	394.8	471.5	651.7	831.8	1008.2	1188.4	1349.4
25°	184.0	233.8	410.2	586.5	759.0	935.3	1257.4	1583.2	1905.2	2227.2	2526.2
27.5°	253.0	345.0	632.5	923.8	1211.4	1498.9	1966.5	2438.0	2905.7	3377.2	3795.1
30°	352.7	502.2	931.5	1364.7	1794.0	2223.4	2813.7	3407.9	3998.2	4588.6	4971.9
32.5°	479.2	701.5	1245.9	1790.2	2334.5	2878.9	3530.6	4182.2	4830.1	5481.8	5888.1
35°	613.3	897.0	1552.5	2211.9	2867.4	3526.7	4212.9	4899.1	5585.3	6271.4	6769.8
37.5°	690.0	1012.0	1790.2	2568.4	3342.7	4120.9	4872.3	5627.4	6378.8	7130.1	7735.8
40°	762.8	1150.0	2047.0	2944.1	3841.1	4738.1	5615.9	6493.8	7371.6	8249.5	9027.7
42.5°	870.2	1357.0	2403.5	3450.1	4492.7	5539.3	6693.1	7850.8	9004.7	10158.5	11354.5
45°	1092.5	1748.0	3105.1	4462.1	5815.3	7172.3	8809.2	10449.8	12086.7	13727.4	15260.8
47.5°	1629.2	2629.7	4481.2	6332.8	8184.3	10035.8	11921.9	13807.9	15693.9	17580.0	19404.7
50°	2522.4	4036.6	6351.9	8667.3	10978.9	13294.2	15176.4	17058.6	18937.0	20819.2	22632.4
52.5°	3361.9	5382.1	7870.0	10361.7	12849.6	15341.3	17008.8	18676.3	20343.9	22011.4	23767.1
55°	3649.4	5868.9	8387.5	10909.9	13428.4	15950.8	17557.0	19167.0	20773.2	22379.4	24200.3
57.5°	3396.4	5408.9	7946.6	10484.4	13018.2	15555.9	17350.0	19147.8	20941.9	22739.7	24690.9
60°	2844.4	4458.2	7122.5	9790.5	12454.7	15118.9	17143.0	19167.0	21191.0	23215.1	25162.4
62.5°	2254.0	3557.4	6378.8	9200.2	12021.5	14842.9	16901.5	18963.8	21022.4	23080.9	24575.9
65°	1728.9	2721.7	5497.1	8276.3	11051.7	13830.9	15517.6	17208.1	18894.8	20585.4	21620.4
67.5°	1284.2	1985.7	4412.2	6842.6	9269.2	11695.7	12937.7	14183.6	15425.6	16671.5	17476.5
70°	946.8	1414.5	3066.7	4718.9	6367.3	8019.5	9158.0	10296.5	11431.2	12569.7	13405.4
72.5°	655.5	904.7	1893.7	2886.6	3875.6	4864.6	6018.4	7172.3	8322.3	9476.2	10426.8
75°	448.5	555.8	1019.7	1483.5	1947.4	2411.2	3285.2	4159.2	5033.3	5907.3	6409.4
77.5°	333.5	391.0	529.0	670.8	808.8	946.8	1115.5	1284.2	1452.9	1621.5	1840.0
80°	184.0	184.0	203.2	218.5	237.7	253.0	299.0	348.8	394.8	444.7	506.0
82.5°	84.3	88.2	95.8	103.5	107.3	115.0	122.7	130.3	138.0	145.7	145.7
85°	23.0	26.8	26.8	23.0	23.0	19.2	19.2	23.0	23.0	23.0	23.0
87.5°	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	46.0	42.2	42.2	42.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3
5°	53.7	53.7	53.7	53.7	49.8	49.8	49.8	49.8	49.8	46.0	46.0
7.5°	65.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	57.5	57.5
10°	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	72.8	72.8
12.5°	95.8	95.8	95.8	95.8	99.7	99.7	95.8	95.8	95.8	92.0	92.0
15°	126.5	130.3	134.2	134.2	138.0	138.0	138.0	134.2	134.2	130.3	126.5
17.5°	214.7	226.2	241.5	256.8	272.2	283.7	283.7	276.0	268.3	260.7	253.0
20°	571.2	628.7	690.0	751.3	816.5	862.5	831.8	808.8	785.8	759.0	736.0
22.5°	1514.2	1675.2	1840.0	1955.0	2070.0	2150.5	2085.4	1958.9	1832.4	1709.7	1583.2
25°	2825.2	3120.4	3419.4	3542.1	3668.6	3760.6	3718.4	3526.7	3335.1	3147.2	2955.6
27.5°	4212.9	4626.9	5044.8	5152.1	5259.4	5339.9	5324.6	5075.4	4826.3	4577.1	4327.9
30°	5355.3	5738.6	6121.9	6229.3	6336.6	6409.4	6328.9	6079.8	5830.6	5581.4	5332.3
32.5°	6298.3	6704.6	7114.8	7256.6	7398.5	7494.3	7398.5	7099.5	6800.5	6505.3	6206.3
35°	7268.1	7762.6	8261.0	8441.1	8621.3	8736.3	8575.3	8207.3	7839.3	7475.1	7107.1
37.5°	8341.5	8943.3	9549.0	9794.3	10043.5	10216.0	10093.3	9633.3	9169.5	8709.5	8245.6
40°	9809.7	10587.9	11369.9	11810.7	12247.7	12558.2	12339.7	11806.9	11270.2	10737.4	10200.7
42.5°	12554.4	13750.4	14946.4	15578.9	16207.6	16663.8	16418.5	15762.9	15107.4	14451.9	13796.4
45°	16794.1	18323.7	19857.0	20780.9	21708.5	22390.9	22107.2	21283.0	20455.0	19630.8	18806.7
47.5°	21229.4	23054.1	24878.8	25614.8	26354.6	26929.6	26860.6	25833.3	24805.9	23782.4	22755.1
50°	24449.4	26262.6	28075.8	28708.3	29344.7	29816.2	29639.9	28332.7	27021.6	25714.5	24403.4
52.5°	25522.8	27274.6	29030.3	29785.5	30540.7	31104.2	30889.5	29417.5	27945.5	26477.3	25005.3
55°	26021.1	27842.0	29662.9	30582.9	31506.7	32181.4	31870.9	30257.0	28639.3	27025.5	25407.8
57.5°	26642.1	28593.3	30544.5	31552.7	32560.9	33289.2	32875.2	31203.9	29532.5	27865.0	26193.6
60°	27109.8	29053.3	31000.7	31809.6	32622.2	33189.6	32790.9	31165.5	29536.4	27911.0	26285.6
62.5°	26074.8	27569.8	29064.8	29666.7	30268.5	30705.5	30479.4	28938.3	27397.3	25856.3	24315.3
65°	22659.2	23694.2	24733.1	25139.4	25541.9	25852.5	25783.5	24483.9	23184.4	21888.7	20589.2
67.5°	18285.3	19090.3	19899.2	20474.2	21053.0	21501.5	21451.7	20267.2	19082.7	17898.1	16713.6
70°	14244.9	15080.6	15916.3	16640.8	17369.1	17932.6	17859.8	16759.6	15655.6	14555.4	13451.4
72.5°	11381.4	12332.0	13282.7	13696.7	14110.7	14402.1	14187.4	13355.6	12519.9	11688.0	10852.4
75°	6911.6	7410.0	7912.1	7908.3	7908.3	7862.3	7647.6	7172.3	6697.0	6221.6	5746.3
77.5°	2058.5	2277.0	2495.5	2706.4	2921.1	3082.1	3039.9	2790.7	2537.7	2288.5	2035.5
80°	567.3	624.8	686.2	713.0	739.8	774.3	862.5	801.2	739.8	682.3	621.0
82.5°	145.7	145.7	145.7	141.8	138.0	130.3	118.8	111.2	103.5	95.8	88.2
85°	23.0	19.2	19.2	19.2	15.3	15.3	15.3	15.3	11.5	11.5	7.7
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: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	38.3	38.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	30.7
5°	46.0	46.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	38.3
7.5°	57.5	57.5	53.7	53.7	53.7	53.7	49.8	49.8	49.8	49.8	46.0
10°	72.8	69.0	69.0	65.2	65.2	65.2	61.3	61.3	61.3	57.5	57.5
12.5°	92.0	88.2	88.2	84.3	80.5	80.5	76.7	72.8	69.0	69.0	65.2
15°	122.7	118.8	115.0	111.2	107.3	99.7	95.8	88.2	84.3	80.5	76.7
17.5°	233.8	214.7	195.5	176.3	161.0	145.7	130.3	115.0	107.3	99.7	92.0
20°	651.7	563.5	479.2	394.8	341.2	287.5	233.8	180.2	157.2	138.0	115.0
22.5°	1410.7	1234.4	1061.9	885.5	743.7	605.7	463.8	322.0	268.3	218.5	164.8
25°	2622.0	2284.7	1951.2	1613.9	1345.5	1077.2	808.8	540.5	440.8	341.2	241.5
27.5°	3890.9	3453.9	3016.9	2579.9	2154.4	1725.0	1295.7	870.2	697.7	529.0	356.5
30°	4868.4	4404.6	3944.6	3480.7	2944.1	2407.4	1866.9	1330.2	1058.0	785.8	509.8
32.5°	5707.9	5205.8	4707.4	4205.2	3584.2	2963.2	2342.2	1721.2	1380.0	1038.9	693.8
35°	6539.8	5968.6	5401.3	4830.1	4163.1	3496.1	2829.0	2162.0	1728.9	1295.7	858.7
37.5°	7551.8	6854.1	6160.3	5466.4	4780.3	4097.9	3411.7	2725.5	2173.5	1625.4	1073.4
40°	9315.2	8425.8	7540.3	6650.9	5849.8	5052.4	4251.2	3450.1	2756.2	2062.4	1364.7
42.5°	12680.9	11565.4	10453.7	9338.2	8230.3	7122.5	6010.8	4902.9	3913.9	2928.7	1939.7
45°	17376.8	15946.9	14520.9	13091.1	11726.4	10365.5	9000.8	7636.1	6133.4	4630.7	3124.2
47.5°	21191.0	19623.2	18059.1	16491.3	14977.1	13466.7	11952.5	10438.3	8514.0	6593.4	4669.1
50°	22912.2	21417.2	19926.0	18431.0	16913.0	15391.1	13869.2	12351.2	10143.2	7939.0	5730.9
52.5°	23491.1	21973.1	20458.9	18940.8	17434.3	15927.8	14421.3	12914.7	10618.5	8326.1	6029.9
55°	23809.3	22206.9	20608.4	19006.0	17384.5	15759.1	14133.7	12512.2	10227.5	7946.6	5661.9
57.5°	24453.3	22709.1	20968.7	19224.5	17376.8	15529.1	13677.6	11829.9	9575.8	7321.8	5067.8
60°	24572.1	22854.7	21141.2	19427.7	17384.5	15341.3	13294.2	11251.0	9012.3	6777.5	4538.7
62.5°	22881.6	21447.9	20018.0	18584.3	16537.3	14490.3	12439.4	10392.3	8249.5	6106.6	3959.9
65°	19351.0	18112.8	16878.5	15640.3	13968.9	12301.4	10630.0	8958.7	7045.8	5136.8	3223.9
67.5°	15502.3	14290.9	13083.4	11872.0	10614.7	9361.2	8103.8	6846.5	5370.6	3894.7	2418.9
70°	12289.9	11124.5	9963.0	8797.7	7686.0	6570.4	5454.9	4343.2	3427.1	2514.7	1598.5
72.5°	9740.7	8625.2	7513.5	6397.9	5389.8	4381.6	3373.4	2365.2	1909.0	1456.7	1000.5
75°	5167.4	4588.6	4013.6	3434.7	2867.4	2296.2	1725.0	1157.7	977.5	797.3	613.3
77.5°	1782.5	1529.5	1280.4	1027.4	854.8	682.3	509.8	337.3	318.2	302.8	283.7
80°	540.5	460.0	379.5	299.0	264.5	230.0	195.5	161.0	149.5	138.0	122.7
82.5°	84.3	76.7	72.8	65.2	61.3	61.3	57.5	53.7	46.0	42.2	34.5
85°	7.7	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: P1067641

CATALOG NUMBER: NAV-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	34.5	34.5
2.5°	30.7	30.7
5°	38.3	38.3
7.5°	46.0	46.0
10°	53.7	53.7
12.5°	61.3	61.3
15°	72.8	69.0
17.5°	84.3	80.5
20°	92.0	84.3
22.5°	111.2	95.8
25°	141.8	118.8
27.5°	184.0	145.7
30°	237.7	184.0
32.5°	352.7	256.8
35°	425.5	310.5
37.5°	521.3	360.3
40°	670.8	437.0
42.5°	950.7	594.2
45°	1621.5	985.2
47.5°	2748.5	1679.0
50°	3522.9	2154.4
52.5°	3737.6	2284.7
55°	3381.1	2096.9
57.5°	2813.7	1782.5
60°	2303.9	1468.2
62.5°	1817.0	1161.5
65°	1311.0	877.8
67.5°	943.0	674.7
70°	686.2	529.0
72.5°	544.3	440.8
75°	433.2	368.0
77.5°	268.3	245.3
80°	111.2	103.5
82.5°	26.8	23.0
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: P1067641

CATALOG NUMBER: NAV-SA4A-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

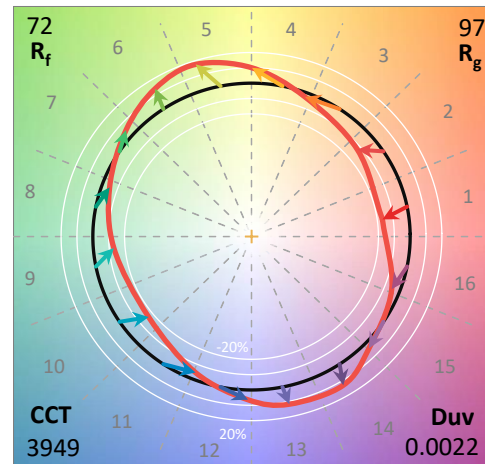
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

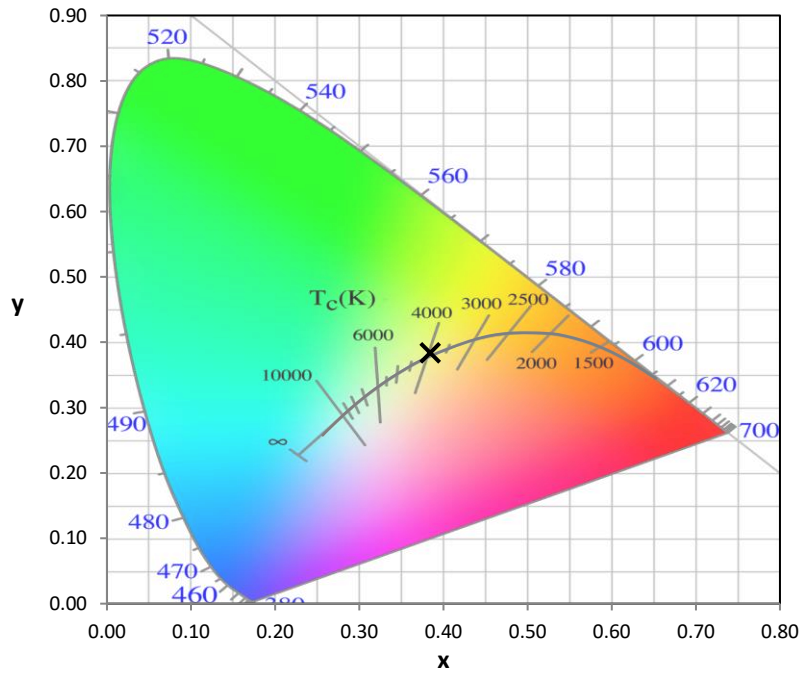
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

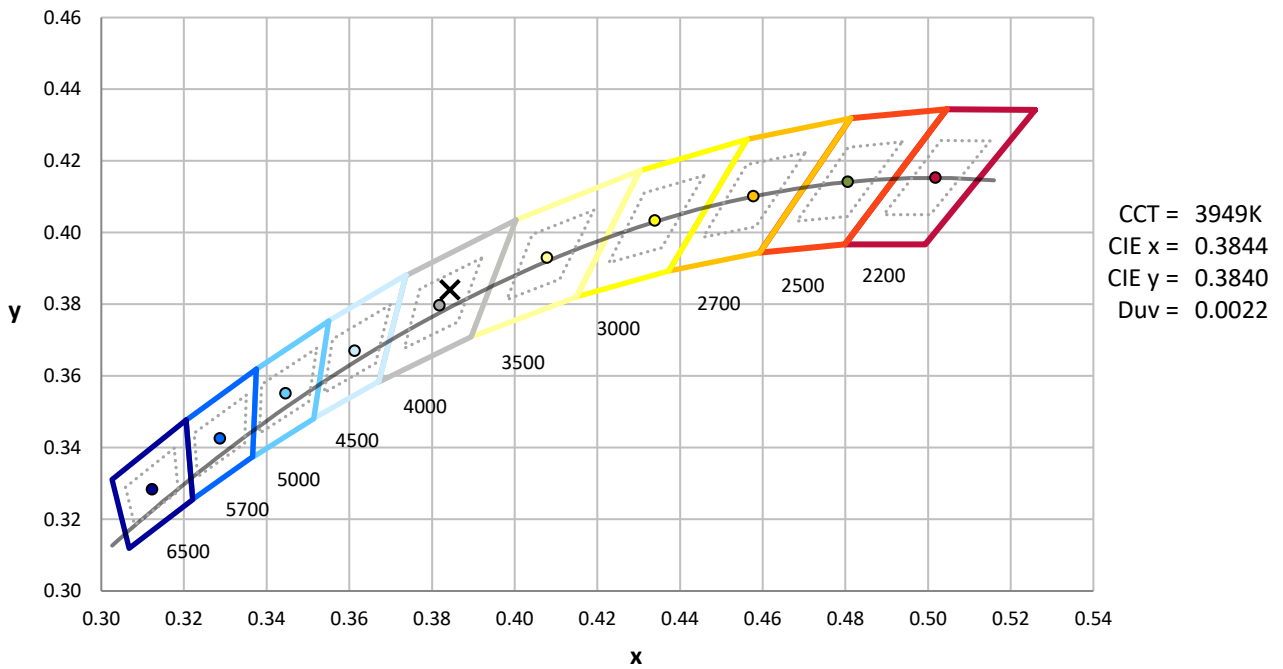
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



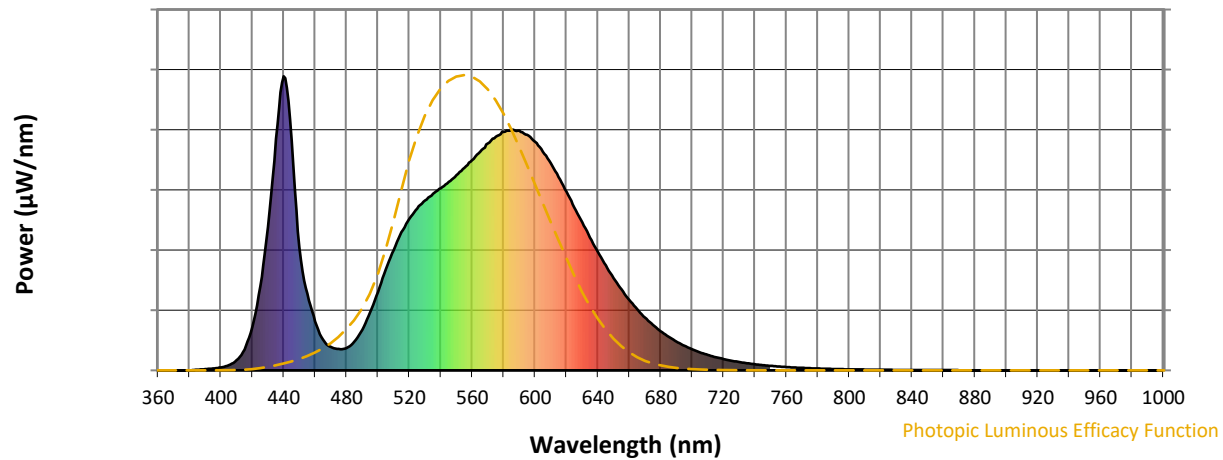
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

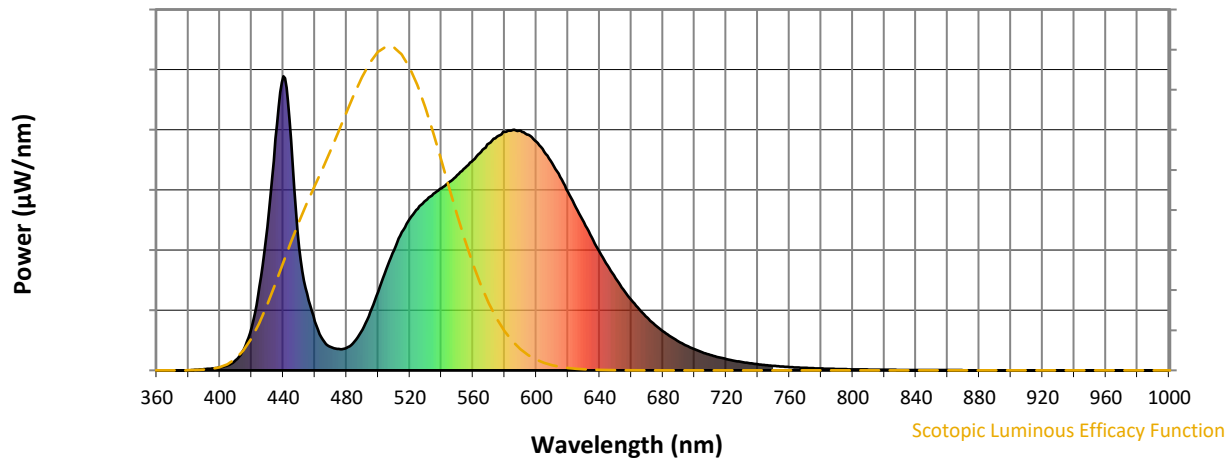


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



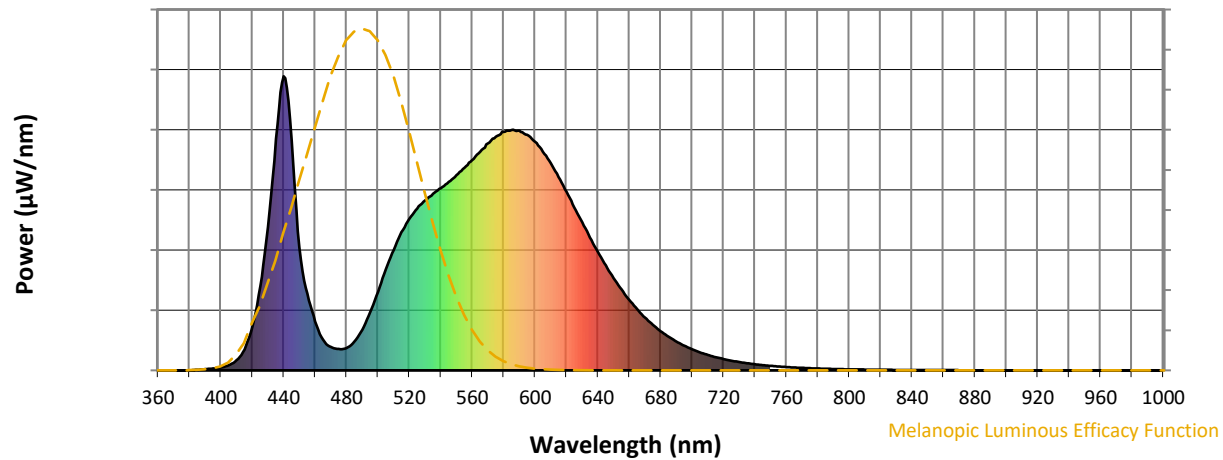
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

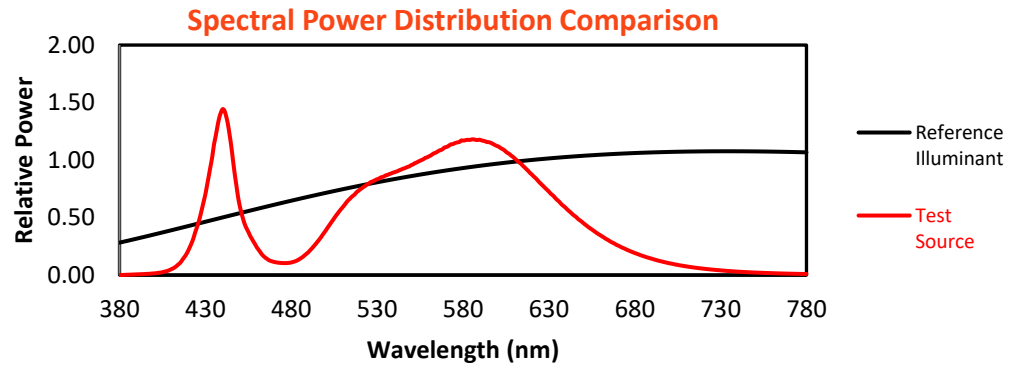
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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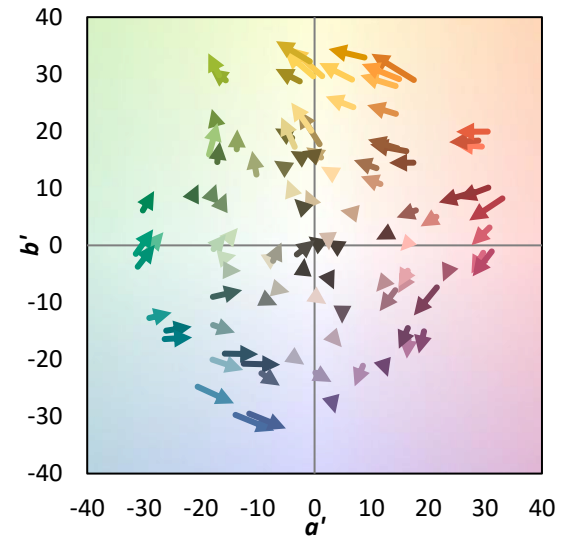
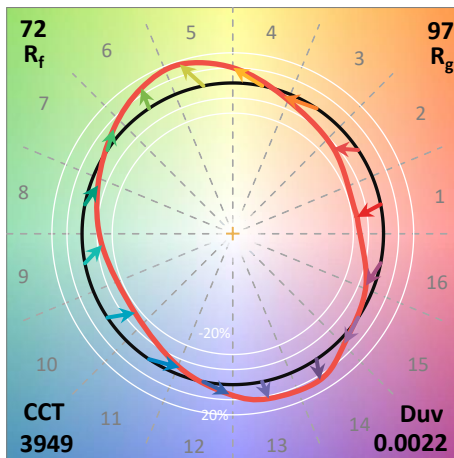
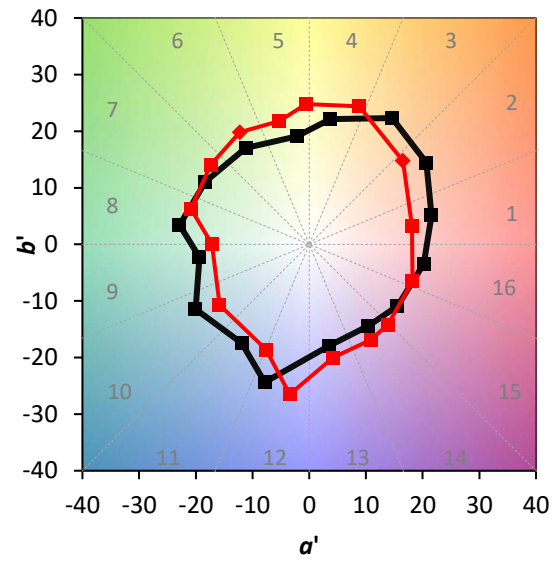
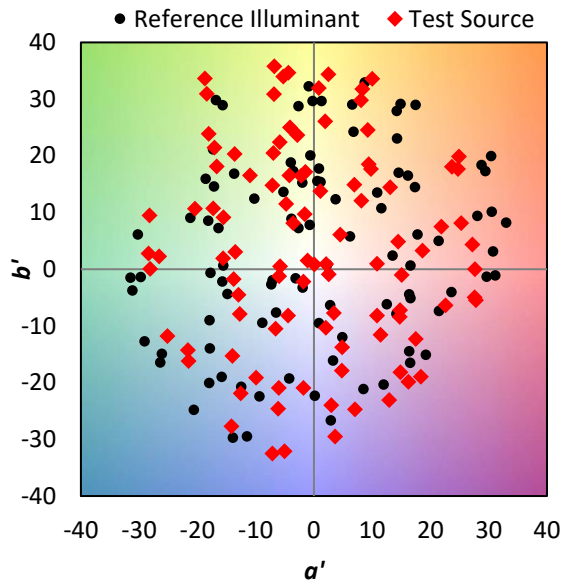
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

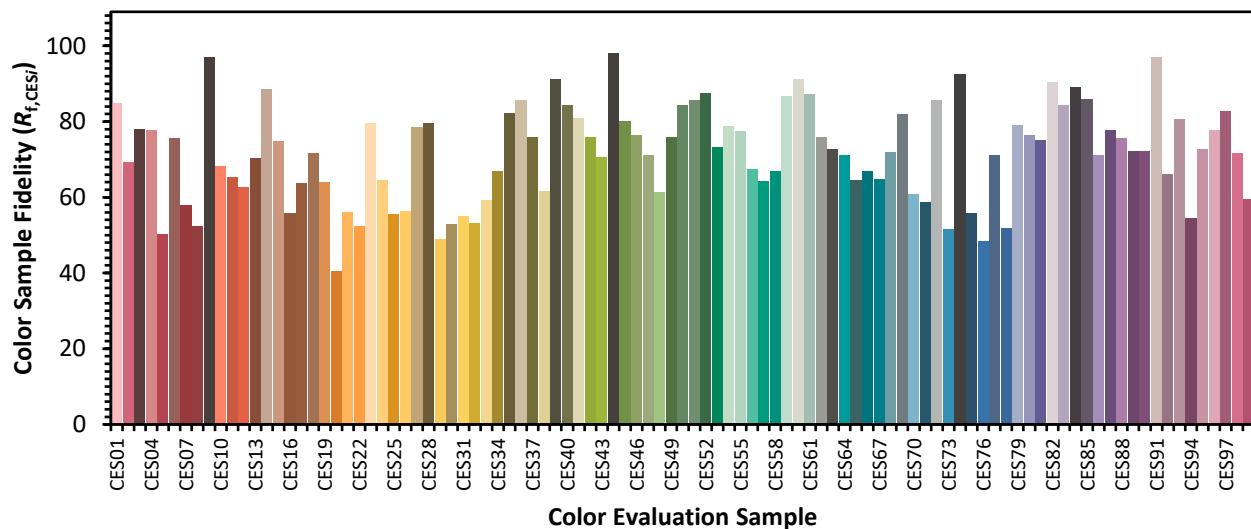


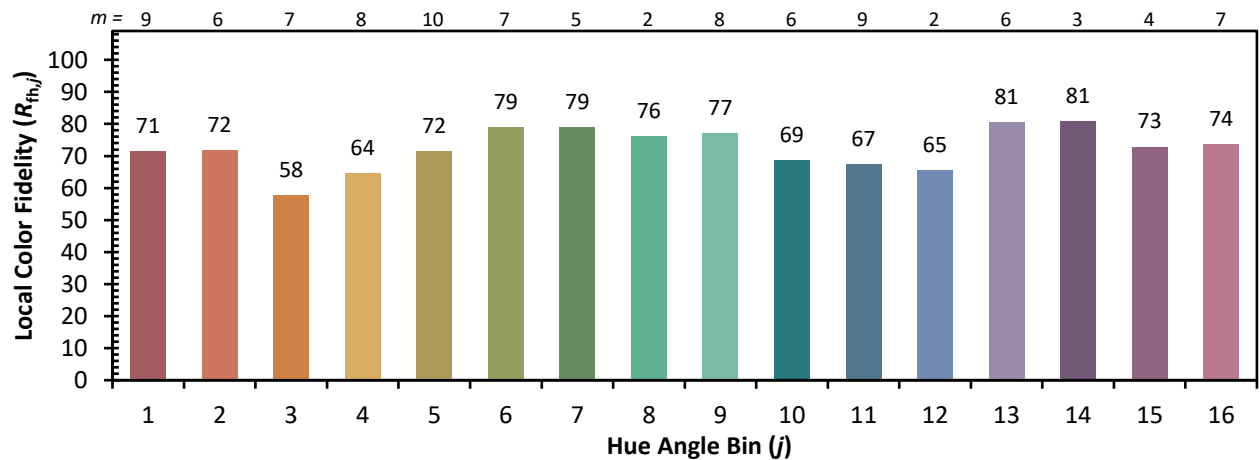
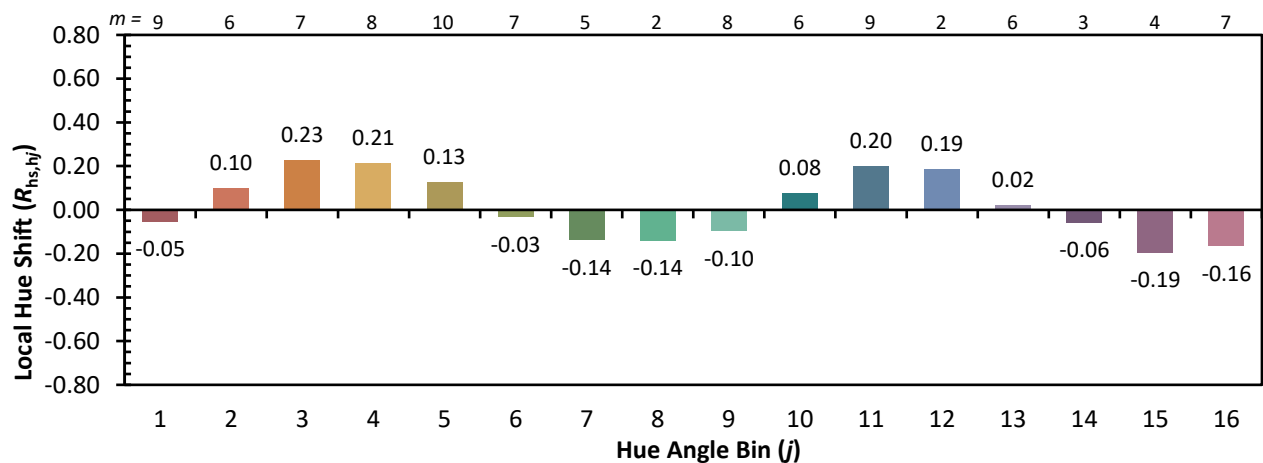
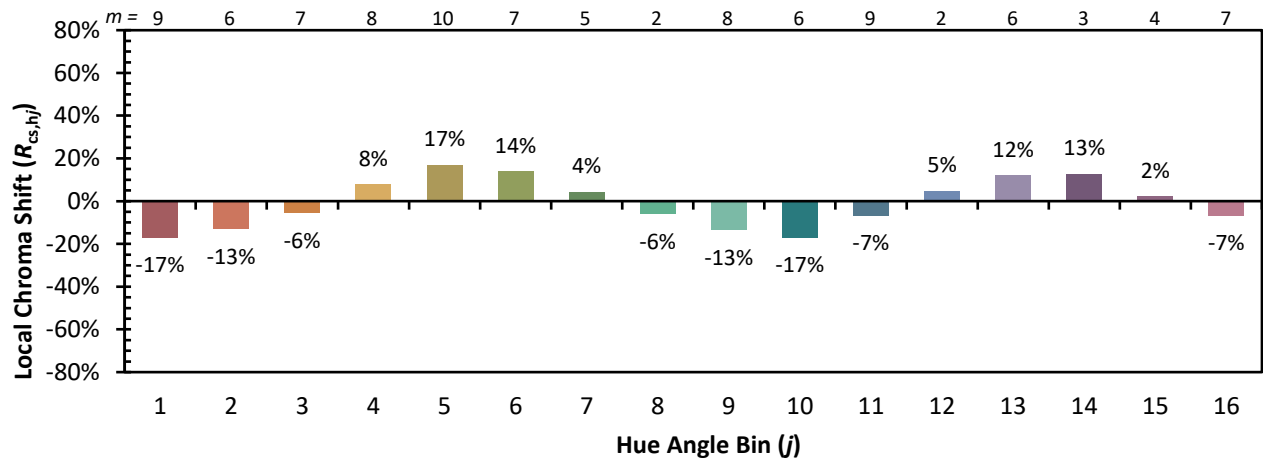
Color Vector Graphics



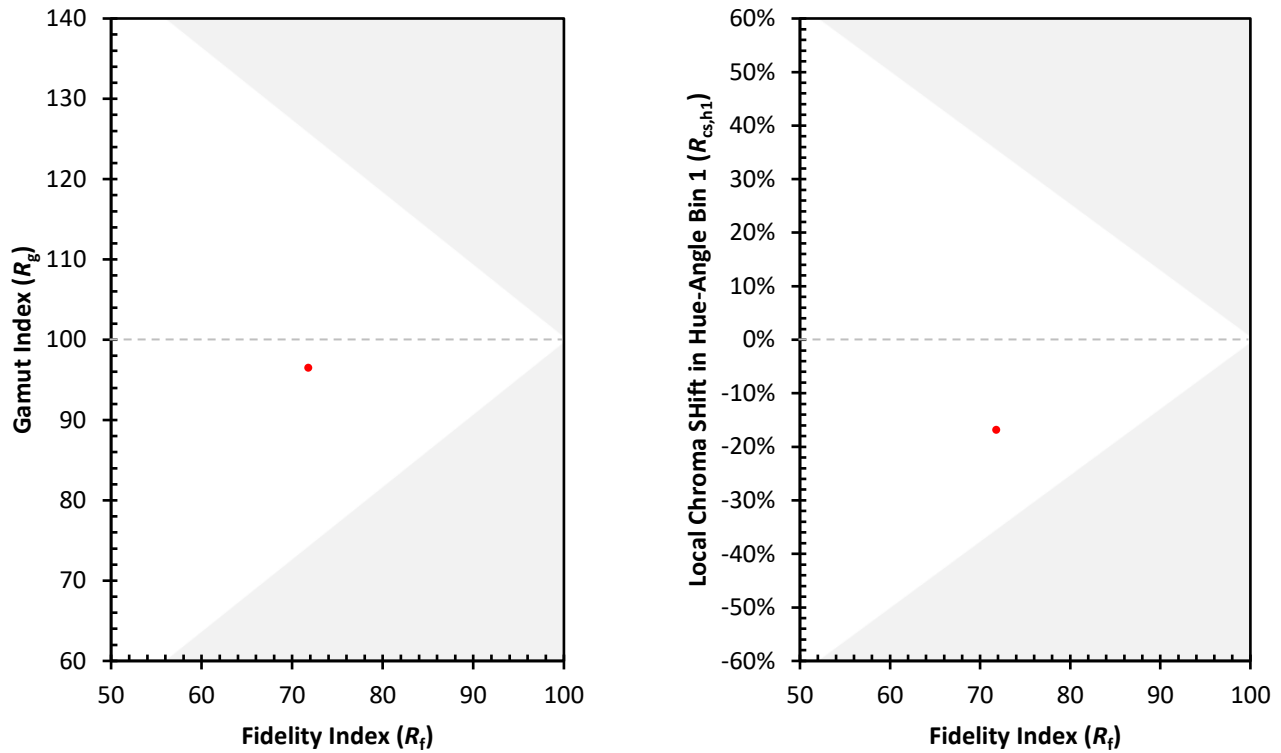
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)