

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: P1067644

Luminaire Tested: **NAV-SA4D-740-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067644
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4D-740-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 20944 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 218.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

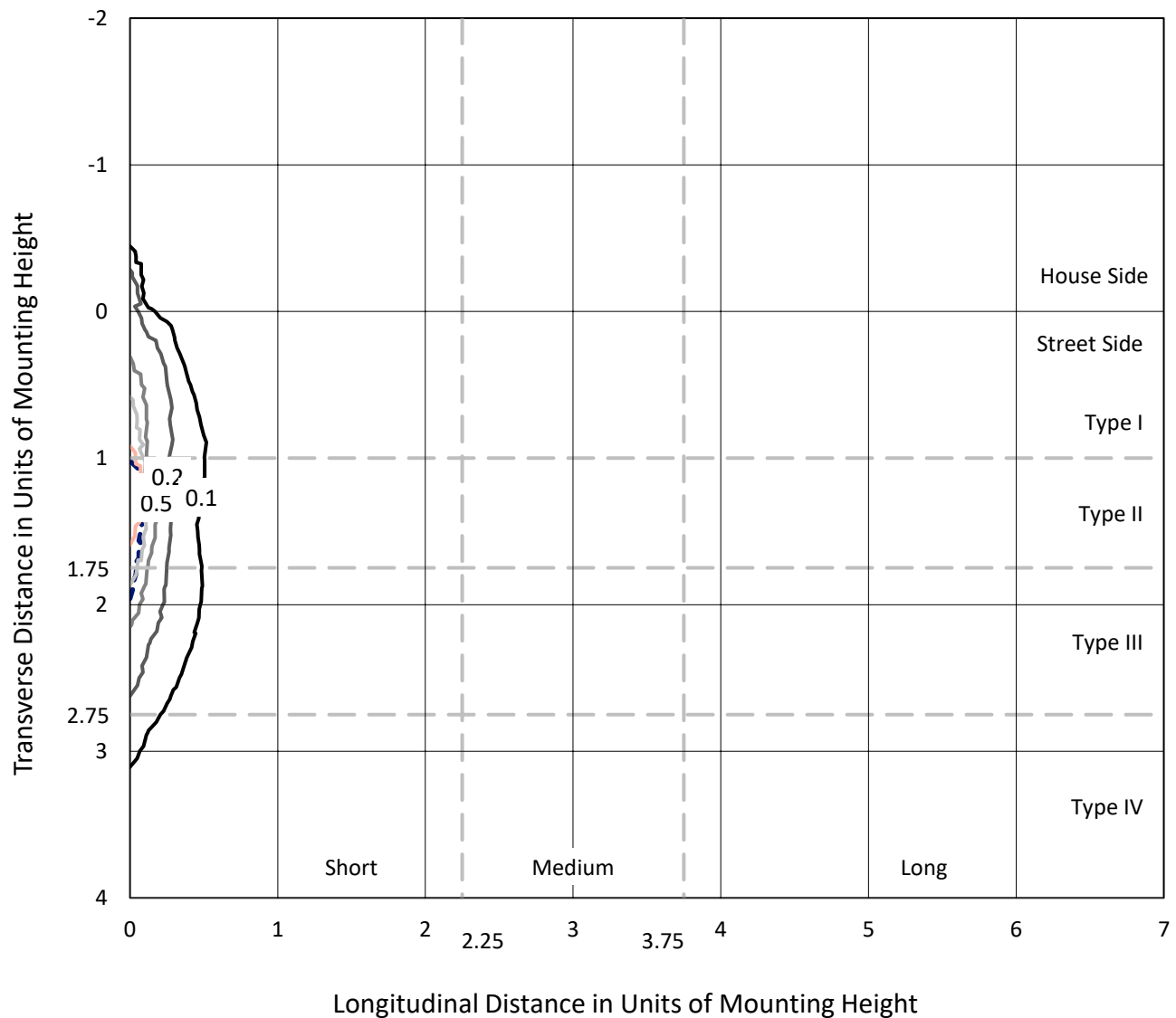


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

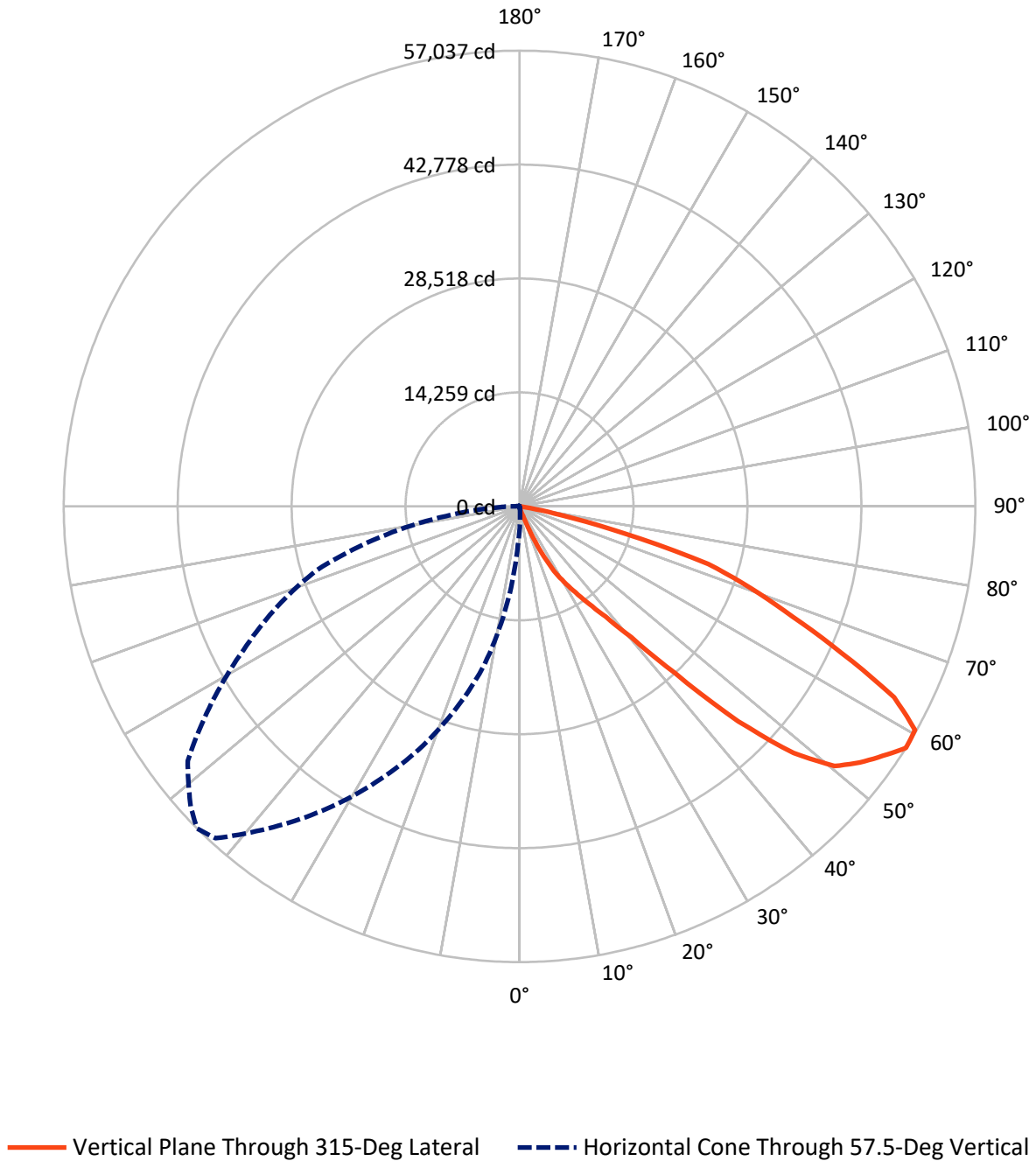


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.6	0.0	124.6
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	20819.4	0.0	20819.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	20944.0	0.0	20944.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.0
10°-20°	30.7	0.1
20°-30°	390.9	1.9
30°-40°	1317.4	6.3
40°-50°	3978.7	19.0
50°-60°	7019.7	33.5
60°-70°	6184.4	29.5
70°-80°	1968.6	9.4
80°-90°	47.4	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°	20944.0	100.0
0°-180°	20944.0	100.0



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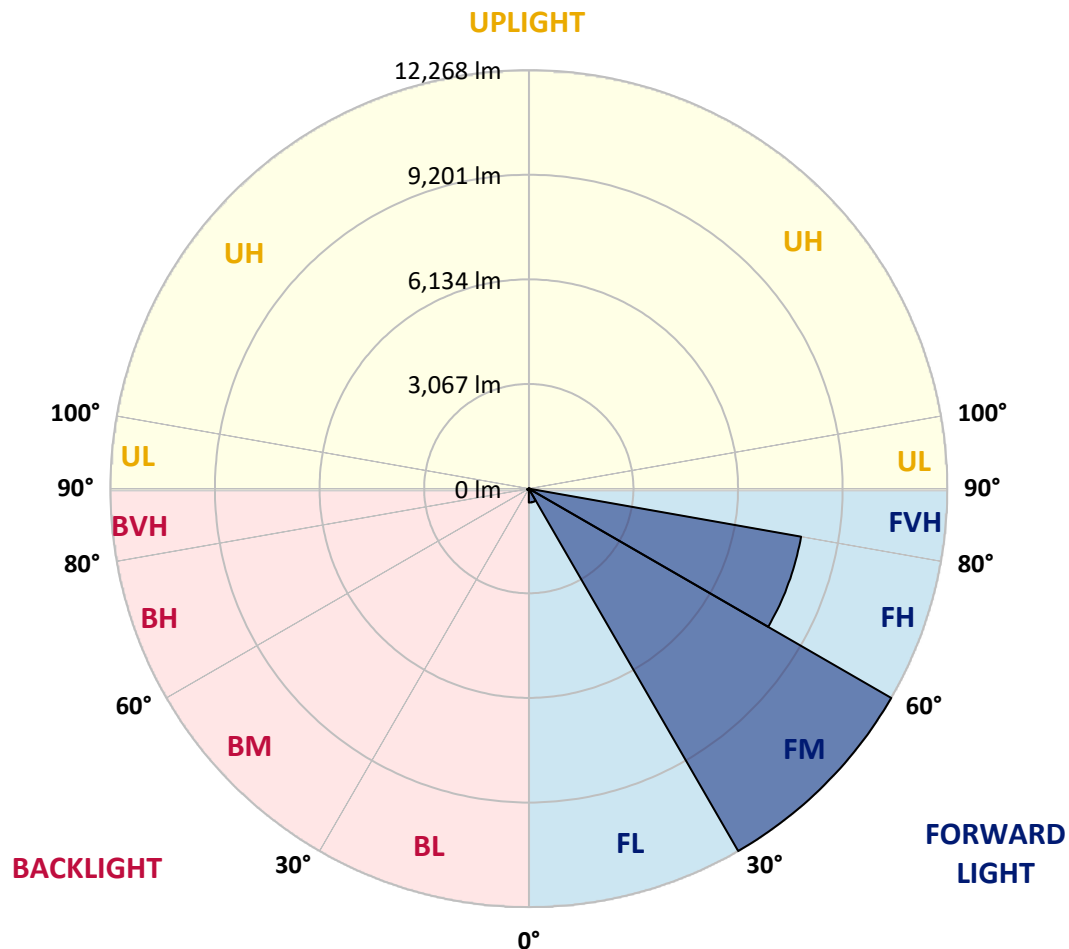
CATALOG NUMBER: NAV-SA4D-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	409.1	2.0			
FM	(30°-60°)	12267.6	58.6			
FH	(60°-80°)	8104.2	38.7			G4/12000
FVH	(80°-90°)	38.5	0.2			G1/100
BL	(0°-30°)	18.7	0.1	B0/110		
BM	(30°-60°)	48.3	0.2	B0/220		
BH	(60°-80°)	48.8	0.2	B0/110		G0/110
BVH	(80°-90°)	8.8	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-G4

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°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	46.0
5°	65.7	65.7	65.7	59.1	59.1	59.1	52.5	52.5	52.5	52.5	52.5
7.5°	78.8	72.2	72.2	65.7	65.7	65.7	59.1	59.1	59.1	59.1	52.5
10°	92.0	85.4	85.4	78.8	78.8	72.2	72.2	65.7	65.7	59.1	59.1
12.5°	105.1	98.5	92.0	85.4	85.4	78.8	78.8	72.2	72.2	65.7	65.7
15°	118.2	111.7	105.1	98.5	92.0	92.0	85.4	78.8	72.2	72.2	65.7
17.5°	137.9	124.8	118.2	105.1	98.5	92.0	85.4	78.8	78.8	72.2	72.2
20°	144.5	131.4	124.8	111.7	105.1	98.5	92.0	85.4	78.8	78.8	72.2
22.5°	170.8	144.5	137.9	124.8	118.2	111.7	98.5	92.0	85.4	78.8	72.2
25°	210.2	170.8	151.1	131.4	124.8	111.7	105.1	92.0	85.4	78.8	72.2
27.5°	256.2	190.5	170.8	144.5	131.4	118.2	105.1	92.0	85.4	78.8	72.2
30°	315.3	223.3	190.5	157.6	144.5	131.4	111.7	98.5	92.0	85.4	72.2
32.5°	440.1	275.9	223.3	170.8	151.1	137.9	118.2	98.5	92.0	85.4	72.2
35°	532.0	335.0	269.3	197.0	170.8	151.1	124.8	98.5	92.0	85.4	72.2
37.5°	617.4	341.5	275.9	210.2	183.9	157.6	124.8	98.5	92.0	85.4	72.2
40°	755.3	354.7	275.9	197.0	177.3	151.1	131.4	105.1	98.5	85.4	78.8
42.5°	1018.0	407.2	295.6	183.9	164.2	151.1	131.4	111.7	98.5	92.0	78.8
45°	1694.6	604.3	400.6	190.5	170.8	151.1	131.4	111.7	105.1	92.0	85.4
47.5°	2883.4	1050.9	624.0	197.0	177.3	151.1	131.4	105.1	98.5	92.0	78.8
50°	3691.2	1346.4	788.2	229.9	197.0	170.8	137.9	105.1	98.5	92.0	85.4
52.5°	3921.1	1431.8	853.8	269.3	229.9	190.5	144.5	105.1	98.5	98.5	92.0
55°	3592.7	1392.4	853.8	315.3	262.7	216.7	164.2	111.7	105.1	105.1	98.5
57.5°	3054.1	1287.3	814.4	341.5	289.0	229.9	177.3	118.2	111.7	111.7	105.1
60°	2515.6	1083.7	735.6	380.9	321.8	262.7	203.6	144.5	137.9	131.4	118.2
62.5°	1996.7	873.5	643.7	407.2	348.1	282.4	223.3	157.6	151.1	144.5	137.9
65°	1504.1	761.9	597.7	426.9	361.2	295.6	229.9	164.2	157.6	157.6	151.1
67.5°	1156.0	696.2	571.4	440.1	374.4	308.7	243.0	177.3	170.8	164.2	157.6
70°	913.0	643.7	538.6	433.5	374.4	315.3	249.6	190.5	177.3	170.8	157.6
72.5°	761.9	584.6	499.2	413.8	367.8	321.8	275.9	229.9	203.6	183.9	157.6
75°	637.1	525.4	453.2	374.4	341.5	315.3	282.4	249.6	216.7	183.9	151.1
77.5°	420.4	380.9	348.1	315.3	295.6	275.9	249.6	229.9	197.0	170.8	137.9
80°	177.3	164.2	170.8	170.8	170.8	170.8	164.2	164.2	144.5	124.8	98.5
82.5°	39.4	32.8	39.4	39.4	39.4	39.4	32.8	32.8	32.8	26.3	26.3
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°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
5°	52.5	52.5	52.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
7.5°	52.5	52.5	52.5	46.0	46.0	46.0	46.0	39.4	39.4	39.4	39.4
10°	52.5	52.5	52.5	46.0	46.0	46.0	46.0	39.4	39.4	39.4	39.4
12.5°	59.1	59.1	52.5	52.5	46.0	46.0	46.0	39.4	39.4	39.4	39.4
15°	59.1	59.1	52.5	52.5	46.0	46.0	46.0	39.4	39.4	39.4	39.4
17.5°	65.7	59.1	59.1	52.5	46.0	46.0	46.0	39.4	39.4	39.4	39.4
20°	65.7	59.1	59.1	52.5	46.0	46.0	46.0	39.4	39.4	39.4	39.4
22.5°	65.7	59.1	59.1	52.5	46.0	46.0	39.4	39.4	32.8	32.8	26.3
25°	65.7	59.1	59.1	52.5	46.0	46.0	39.4	39.4	32.8	26.3	26.3
27.5°	65.7	59.1	59.1	52.5	46.0	39.4	39.4	32.8	26.3	19.7	19.7
30°	65.7	59.1	59.1	52.5	46.0	39.4	32.8	26.3	19.7	19.7	13.1
32.5°	65.7	59.1	52.5	46.0	39.4	32.8	32.8	26.3	19.7	13.1	13.1
35°	65.7	59.1	52.5	46.0	39.4	32.8	32.8	26.3	19.7	13.1	13.1
37.5°	65.7	59.1	52.5	46.0	39.4	32.8	26.3	19.7	13.1	13.1	6.6
40°	65.7	59.1	52.5	46.0	39.4	32.8	26.3	19.7	13.1	13.1	6.6
42.5°	65.7	59.1	52.5	46.0	39.4	32.8	26.3	19.7	13.1	13.1	6.6
45°	72.2	65.7	59.1	46.0	39.4	32.8	32.8	26.3	19.7	13.1	13.1
47.5°	72.2	65.7	59.1	46.0	39.4	32.8	32.8	26.3	19.7	13.1	13.1
50°	78.8	72.2	65.7	52.5	46.0	39.4	32.8	19.7	13.1	13.1	6.6
52.5°	85.4	78.8	72.2	65.7	59.1	46.0	32.8	19.7	6.6	6.6	6.6
55°	92.0	85.4	85.4	78.8	72.2	52.5	39.4	19.7	0.0	0.0	0.0
57.5°	98.5	92.0	92.0	85.4	78.8	59.1	39.4	19.7	0.0	0.0	0.0
60°	111.7	105.1	98.5	85.4	78.8	59.1	39.4	19.7	0.0	0.0	0.0
62.5°	131.4	118.2	98.5	85.4	65.7	52.5	32.8	19.7	0.0	0.0	0.0
65°	144.5	124.8	105.1	78.8	59.1	46.0	32.8	13.1	0.0	0.0	0.0
67.5°	151.1	124.8	105.1	78.8	52.5	39.4	26.3	13.1	0.0	0.0	0.0
70°	144.5	118.2	98.5	72.2	46.0	32.8	26.3	13.1	0.0	0.0	0.0
72.5°	131.4	111.7	85.4	65.7	39.4	32.8	19.7	13.1	0.0	0.0	0.0
75°	118.2	98.5	72.2	52.5	26.3	19.7	13.1	6.6	0.0	0.0	0.0
77.5°	105.1	85.4	59.1	39.4	13.1	13.1	6.6	6.6	0.0	0.0	0.0
80°	78.8	59.1	39.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.7	13.1	13.1	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
5°	39.4	39.4	39.4	39.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8
7.5°	39.4	39.4	39.4	39.4	32.8	32.8	32.8	32.8	26.3	26.3	26.3
10°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.3	26.3	26.3
12.5°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.3	26.3	26.3
15°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.3	26.3	19.7	19.7
17.5°	32.8	32.8	32.8	32.8	26.3	26.3	26.3	19.7	19.7	13.1	13.1
20°	32.8	32.8	32.8	26.3	26.3	19.7	19.7	13.1	13.1	6.6	6.6
22.5°	26.3	19.7	19.7	13.1	13.1	6.6	6.6	6.6	0.0	0.0	0.0
25°	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	39.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
5°	32.8	32.8	32.8	32.8	26.3	26.3	26.3	26.3	26.3	26.3	26.3
7.5°	26.3	26.3	26.3	26.3	26.3	26.3	19.7	19.7	19.7	19.7	19.7
10°	26.3	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	13.1	13.1
12.5°	26.3	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	6.6	6.6
15°	19.7	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6	0.0	0.0
17.5°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	39.4	39.4
5°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
7.5°	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
10°	13.1	13.1	13.1	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6
12.5°	6.6	6.6	6.6	6.6	6.6	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	39.4	39.4	39.4	39.4	39.4	46.0	46.0	52.5	52.5	59.1	59.1
5°	26.3	26.3	32.8	32.8	32.8	32.8	39.4	39.4	39.4	46.0	46.0
7.5°	19.7	19.7	19.7	19.7	19.7	26.3	26.3	32.8	32.8	39.4	39.4
10°	6.6	6.6	13.1	13.1	13.1	13.1	19.7	19.7	19.7	26.3	32.8
12.5°	0.0	0.0	6.6	6.6	6.6	6.6	13.1	13.1	13.1	19.7	26.3
15°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	13.1	19.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	13.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	65.7	65.7	72.2	72.2	78.8	78.8	85.4	85.4	85.4	85.4	85.4
5°	52.5	52.5	59.1	65.7	65.7	72.2	78.8	78.8	78.8	78.8	78.8
7.5°	46.0	46.0	52.5	59.1	59.1	65.7	72.2	72.2	78.8	78.8	78.8
10°	32.8	39.4	46.0	52.5	52.5	59.1	65.7	65.7	72.2	72.2	72.2
12.5°	26.3	32.8	39.4	46.0	46.0	52.5	59.1	59.1	65.7	65.7	72.2
15°	19.7	26.3	32.8	39.4	39.4	46.0	52.5	52.5	59.1	65.7	72.2
17.5°	13.1	19.7	26.3	32.8	32.8	39.4	46.0	52.5	59.1	59.1	65.7
20°	13.1	13.1	19.7	26.3	26.3	32.8	39.4	46.0	52.5	52.5	59.1
22.5°	6.6	6.6	13.1	19.7	19.7	26.3	32.8	39.4	46.0	46.0	52.5
25°	0.0	0.0	6.6	13.1	13.1	19.7	26.3	26.3	32.8	32.8	39.4
27.5°	0.0	0.0	6.6	6.6	13.1	13.1	19.7	19.7	26.3	26.3	32.8
30°	0.0	0.0	6.6	6.6	13.1	13.1	19.7	19.7	26.3	26.3	26.3
32.5°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	19.7	19.7	26.3
35°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7
37.5°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	19.7
40°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
45°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
50°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
55°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	13.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	85.4	85.4
5°	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	78.8	78.8
7.5°	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	78.8	78.8
10°	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
12.5°	72.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
15°	72.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
17.5°	65.7	72.2	72.2	72.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8
20°	59.1	65.7	65.7	65.7	72.2	72.2	72.2	72.2	78.8	78.8	78.8
22.5°	52.5	59.1	59.1	59.1	65.7	65.7	65.7	65.7	72.2	72.2	72.2
25°	46.0	46.0	52.5	52.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1
27.5°	32.8	39.4	39.4	39.4	46.0	46.0	46.0	46.0	52.5	52.5	52.5
30°	32.8	32.8	32.8	32.8	39.4	39.4	39.4	39.4	46.0	46.0	46.0
32.5°	26.3	32.8	32.8	32.8	39.4	39.4	39.4	39.4	46.0	46.0	46.0
35°	26.3	26.3	26.3	26.3	32.8	32.8	32.8	32.8	39.4	39.4	39.4
37.5°	19.7	26.3	26.3	26.3	32.8	32.8	32.8	32.8	39.4	39.4	39.4
40°	19.7	19.7	19.7	19.7	26.3	26.3	26.3	26.3	32.8	32.8	32.8
42.5°	19.7	19.7	19.7	19.7	26.3	26.3	26.3	26.3	32.8	32.8	32.8
45°	19.7	19.7	19.7	19.7	26.3	26.3	26.3	26.3	32.8	32.8	32.8
47.5°	19.7	19.7	19.7	19.7	26.3	26.3	26.3	26.3	32.8	32.8	32.8
50°	19.7	19.7	19.7	19.7	26.3	26.3	26.3	26.3	32.8	32.8	32.8
52.5°	13.1	13.1	13.1	13.1	19.7	19.7	19.7	19.7	26.3	26.3	26.3
55°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	19.7	19.7	19.7
57.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	19.7	19.7	19.7
60°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
62.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
65°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	6.6	6.6
67.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
70°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
72.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
77.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
80°	19.7	19.7	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	13.1
82.5°	13.1	19.7	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	13.1
85°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
87.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	85.4	85.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	85.4	85.4
5°	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	85.4	85.4
7.5°	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	85.4	85.4
10°	78.8	78.8	78.8	78.8	72.2	72.2	78.8	78.8	78.8	85.4	85.4
12.5°	78.8	78.8	78.8	78.8	72.2	72.2	78.8	78.8	85.4	85.4	92.0
15°	78.8	78.8	72.2	72.2	72.2	72.2	78.8	78.8	85.4	85.4	92.0
17.5°	78.8	78.8	72.2	72.2	72.2	72.2	78.8	78.8	85.4	85.4	92.0
20°	78.8	78.8	72.2	72.2	72.2	72.2	72.2	72.2	78.8	85.4	85.4
22.5°	72.2	72.2	72.2	72.2	65.7	65.7	72.2	72.2	78.8	85.4	85.4
25°	59.1	65.7	65.7	65.7	65.7	65.7	72.2	72.2	78.8	85.4	85.4
27.5°	52.5	59.1	59.1	59.1	59.1	65.7	65.7	72.2	78.8	85.4	85.4
30°	46.0	52.5	52.5	52.5	59.1	65.7	65.7	72.2	78.8	85.4	85.4
32.5°	46.0	52.5	52.5	52.5	59.1	59.1	65.7	65.7	72.2	78.8	85.4
35°	46.0	46.0	52.5	52.5	52.5	59.1	59.1	65.7	72.2	78.8	85.4
37.5°	46.0	46.0	52.5	52.5	52.5	59.1	59.1	65.7	72.2	78.8	85.4
40°	39.4	46.0	46.0	52.5	52.5	59.1	59.1	65.7	72.2	85.4	92.0
42.5°	39.4	39.4	46.0	46.0	52.5	59.1	59.1	65.7	72.2	85.4	92.0
45°	39.4	46.0	46.0	52.5	59.1	65.7	65.7	72.2	78.8	85.4	92.0
47.5°	39.4	46.0	46.0	52.5	65.7	65.7	72.2	72.2	78.8	85.4	92.0
50°	39.4	46.0	46.0	52.5	72.2	72.2	72.2	72.2	78.8	85.4	92.0
52.5°	32.8	39.4	39.4	46.0	59.1	65.7	72.2	78.8	85.4	92.0	98.5
55°	26.3	32.8	32.8	39.4	52.5	59.1	72.2	85.4	92.0	98.5	105.1
57.5°	26.3	26.3	32.8	32.8	46.0	59.1	78.8	92.0	98.5	105.1	111.7
60°	19.7	19.7	26.3	26.3	39.4	52.5	72.2	92.0	98.5	111.7	118.2
62.5°	13.1	19.7	19.7	26.3	32.8	52.5	72.2	92.0	105.1	118.2	124.8
65°	13.1	13.1	19.7	19.7	32.8	46.0	65.7	78.8	98.5	118.2	137.9
67.5°	19.7	19.7	26.3	26.3	32.8	46.0	65.7	78.8	98.5	124.8	144.5
70°	19.7	19.7	26.3	26.3	39.4	52.5	65.7	78.8	98.5	124.8	144.5
72.5°	19.7	19.7	26.3	26.3	39.4	46.0	59.1	72.2	92.0	111.7	131.4
75°	13.1	19.7	19.7	19.7	32.8	39.4	52.5	65.7	85.4	105.1	124.8
77.5°	13.1	13.1	13.1	13.1	26.3	32.8	46.0	52.5	72.2	92.0	111.7
80°	13.1	13.1	13.1	13.1	19.7	26.3	39.4	46.0	65.7	85.4	105.1
82.5°	13.1	13.1	6.6	6.6	13.1	19.7	26.3	32.8	52.5	65.7	85.4
85°	13.1	13.1	6.6	6.6	6.6	13.1	13.1	19.7	26.3	32.8	39.4
87.5°	13.1	13.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	85.4	85.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
5°	85.4	92.0	92.0	98.5	98.5	98.5	105.1	105.1	105.1	105.1	105.1
7.5°	85.4	92.0	92.0	98.5	98.5	98.5	105.1	105.1	105.1	111.7	111.7
10°	85.4	92.0	92.0	98.5	98.5	105.1	111.7	111.7	118.2	118.2	118.2
12.5°	92.0	98.5	98.5	105.1	105.1	111.7	118.2	118.2	124.8	131.4	131.4
15°	92.0	98.5	105.1	105.1	111.7	118.2	124.8	124.8	131.4	137.9	144.5
17.5°	92.0	98.5	105.1	105.1	111.7	118.2	131.4	137.9	144.5	157.6	164.2
20°	92.0	98.5	105.1	105.1	111.7	124.8	131.4	144.5	151.1	164.2	177.3
22.5°	92.0	98.5	105.1	111.7	118.2	131.4	144.5	151.1	164.2	183.9	197.0
25°	92.0	98.5	105.1	111.7	118.2	131.4	144.5	157.6	170.8	197.0	223.3
27.5°	92.0	98.5	111.7	118.2	124.8	137.9	157.6	170.8	183.9	229.9	275.9
30°	92.0	98.5	111.7	118.2	124.8	144.5	164.2	177.3	197.0	275.9	348.1
32.5°	92.0	105.1	111.7	124.8	131.4	151.1	177.3	197.0	216.7	328.4	433.5
35°	92.0	105.1	111.7	124.8	131.4	157.6	183.9	210.2	236.4	400.6	564.9
37.5°	92.0	105.1	111.7	124.8	131.4	170.8	210.2	249.6	289.0	459.8	630.5
40°	98.5	111.7	118.2	131.4	137.9	177.3	216.7	256.2	295.6	466.3	637.1
42.5°	98.5	111.7	118.2	131.4	137.9	170.8	210.2	243.0	275.9	466.3	656.8
45°	98.5	111.7	124.8	131.4	144.5	177.3	210.2	236.4	269.3	512.3	748.8
47.5°	98.5	111.7	124.8	131.4	144.5	177.3	210.2	243.0	275.9	676.5	1070.6
50°	98.5	111.7	124.8	131.4	144.5	183.9	223.3	262.7	302.1	1011.5	1720.8
52.5°	105.1	111.7	124.8	131.4	137.9	183.9	229.9	275.9	321.8	1313.6	2298.8
55°	111.7	118.2	124.8	131.4	137.9	197.0	256.2	315.3	374.4	1412.1	2443.3
57.5°	118.2	124.8	131.4	131.4	137.9	210.2	289.0	361.2	433.5	1405.6	2371.1
60°	124.8	131.4	137.9	144.5	151.1	223.3	302.1	374.4	446.6	1274.2	2101.8
62.5°	137.9	151.1	164.2	170.8	183.9	256.2	321.8	394.1	459.8	1044.3	1622.3
65°	157.6	170.8	177.3	190.5	197.0	262.7	335.0	400.6	466.3	867.0	1261.1
67.5°	164.2	177.3	183.9	197.0	203.6	269.3	335.0	400.6	466.3	735.6	998.3
70°	164.2	177.3	190.5	197.0	210.2	275.9	335.0	400.6	459.8	637.1	814.4
72.5°	151.1	170.8	183.9	203.6	216.7	275.9	328.4	387.5	440.1	564.9	689.6
75°	144.5	170.8	190.5	216.7	236.4	275.9	321.8	361.2	400.6	492.6	584.6
77.5°	131.4	164.2	197.0	229.9	262.7	289.0	308.7	335.0	354.7	413.8	472.9
80°	124.8	157.6	190.5	223.3	256.2	269.3	275.9	289.0	295.6	302.1	308.7
82.5°	98.5	124.8	151.1	170.8	197.0	183.9	177.3	164.2	151.1	144.5	137.9
85°	46.0	52.5	52.5	59.1	59.1	59.1	52.5	52.5	46.0	39.4	32.8
87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	92.0	92.0	92.0	92.0	85.4	85.4	85.4	85.4	78.8	78.8	78.8
5°	105.1	105.1	105.1	105.1	98.5	98.5	98.5	98.5	92.0	92.0	92.0
7.5°	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7
10°	124.8	124.8	124.8	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4
12.5°	137.9	137.9	144.5	144.5	151.1	151.1	157.6	157.6	164.2	164.2	164.2
15°	151.1	157.6	164.2	170.8	170.8	177.3	183.9	190.5	197.0	203.6	210.2
17.5°	177.3	183.9	197.0	210.2	223.3	236.4	256.2	282.4	302.1	321.8	348.1
20°	197.0	216.7	256.2	302.1	341.5	380.9	479.5	578.0	676.5	775.0	873.5
22.5°	236.4	275.9	407.2	545.1	676.5	807.9	1116.6	1425.3	1727.4	2036.1	2311.9
25°	315.3	400.6	702.8	1004.9	1300.5	1602.6	2154.3	2712.6	3264.3	3816.0	4328.3
27.5°	433.5	591.1	1083.7	1582.9	2075.5	2568.1	3369.4	4177.3	4978.6	5786.4	6502.3
30°	604.3	860.4	1596.0	2338.2	3073.8	3809.5	4820.9	5839.0	6850.4	7861.9	8518.7
32.5°	821.0	1201.9	2134.6	3067.3	3999.9	4932.6	6049.2	7165.7	8275.7	9392.3	10088.5
35°	1050.9	1536.9	2660.0	3789.7	4912.9	6042.6	7218.3	8393.9	9569.6	10745.3	11599.1
37.5°	1182.2	1734.0	3067.3	4400.6	5727.3	7060.6	8348.0	9641.9	10929.2	12216.5	13254.3
40°	1307.0	1970.4	3507.3	5044.2	6581.2	8118.1	9622.2	11126.2	12630.3	14134.4	15467.7
42.5°	1490.9	2325.1	4118.2	5911.2	7697.7	9490.8	11467.8	13451.3	15428.3	17405.3	19454.5
45°	1871.9	2995.0	5320.1	7645.2	9963.7	12288.8	15093.3	17904.4	20709.0	23520.1	26147.3
47.5°	2791.4	4505.7	7678.0	10850.4	14022.7	17195.1	20426.6	23658.0	26889.5	30121.0	33247.3
50°	4321.8	6916.1	10883.2	14850.3	18810.8	22777.9	26002.8	29227.7	32446.0	35670.9	38777.6
52.5°	5760.2	9221.5	13484.2	17753.4	22016.0	26285.2	29142.3	31999.4	34856.5	37713.6	40721.7
55°	6252.8	10055.6	14370.8	18692.6	23007.8	27329.5	30081.6	32840.1	35592.1	38344.1	41463.9
57.5°	5819.3	9267.5	13615.5	17963.5	22305.0	26653.0	29726.9	32807.3	35881.1	38961.5	42304.6
60°	4873.5	7638.6	12203.4	16774.7	21339.5	25904.3	29372.2	32840.1	36308.0	39776.0	43112.5
62.5°	3862.0	6095.1	10929.2	15763.3	20597.3	25431.4	28958.4	32492.0	36019.0	39546.1	42107.6
65°	2962.2	4663.3	9418.5	14180.4	18935.6	23697.4	26587.4	29483.9	32373.8	35270.3	37043.7
67.5°	2200.3	3402.2	7559.8	11723.9	15881.5	20039.0	22167.1	24301.7	26429.7	28564.3	29943.6
70°	1622.3	2423.6	5254.4	8085.2	10909.5	13740.3	15691.0	17641.7	19585.8	21536.6	22968.4
72.5°	1123.1	1550.1	3244.6	4945.7	6640.3	8334.8	10311.8	12288.8	14259.2	16236.2	17865.0
75°	768.5	952.4	1747.1	2541.8	3336.6	4131.3	5628.8	7126.3	8623.8	10121.3	10981.7
77.5°	571.4	669.9	906.4	1149.4	1385.9	1622.3	1911.3	2200.3	2489.3	2778.3	3152.7
80°	315.3	315.3	348.1	374.4	407.2	433.5	512.3	597.7	676.5	761.9	867.0
82.5°	144.5	151.1	164.2	177.3	183.9	197.0	210.2	223.3	236.4	249.6	249.6
85°	39.4	46.0	46.0	39.4	39.4	32.8	32.8	39.4	39.4	39.4	39.4
87.5°	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	78.8	72.2	72.2	72.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7
5°	92.0	92.0	92.0	92.0	85.4	85.4	85.4	85.4	85.4	78.8	78.8
7.5°	111.7	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	98.5	98.5
10°	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	124.8	124.8
12.5°	164.2	164.2	164.2	164.2	170.8	170.8	164.2	164.2	164.2	157.6	157.6
15°	216.7	223.3	229.9	229.9	236.4	236.4	236.4	229.9	229.9	223.3	216.7
17.5°	367.8	387.5	413.8	440.1	466.3	486.0	486.0	472.9	459.8	446.6	433.5
20°	978.6	1077.2	1182.2	1287.3	1399.0	1477.8	1425.3	1385.9	1346.4	1300.5	1261.1
22.5°	2594.4	2870.2	3152.7	3349.7	3546.7	3684.7	3573.0	3356.3	3139.5	2929.3	2712.6
25°	4840.6	5346.4	5858.7	6068.9	6285.6	6443.2	6371.0	6042.6	5714.2	5392.3	5063.9
27.5°	7218.3	7927.6	8643.5	8827.4	9011.3	9149.3	9123.0	8696.1	8269.1	7842.2	7415.3
30°	9175.5	9832.3	10489.1	10673.0	10856.9	10981.7	10843.8	10416.9	9990.0	9563.0	9136.1
32.5°	10791.3	11487.5	12190.3	12433.3	12676.3	12840.5	12676.3	12164.0	11651.7	11145.9	10633.6
35°	12453.0	13300.2	14154.1	14462.8	14771.5	14968.5	14692.7	14062.1	13431.6	12807.6	12177.1
37.5°	14292.0	15323.2	16360.9	16781.3	17208.2	17503.8	17293.6	16505.4	15710.7	14922.6	14127.8
40°	16807.6	18140.9	19480.8	20236.1	20984.8	21516.8	21142.5	20229.5	19310.0	18397.0	17477.5
42.5°	21510.3	23559.5	25608.7	26692.5	27769.6	28551.2	28130.8	27007.7	25884.6	24761.5	23638.3
45°	28774.5	31395.2	34022.4	35605.3	37194.7	38363.8	37877.8	36465.7	35047.0	33634.9	32222.7
47.5°	36373.7	39500.1	42626.5	43887.5	45155.2	46140.4	46022.1	44261.9	42501.7	40748.0	38987.8
50°	41890.9	44997.5	48104.2	49187.9	50278.2	51086.1	50784.0	48544.3	46298.0	44058.3	41812.0
52.5°	43729.9	46731.5	49739.6	51033.5	52327.4	53292.9	52925.1	50403.0	47880.9	45365.3	42843.2
55°	44583.7	47703.6	50823.4	52399.7	53982.6	55138.6	54606.6	51841.4	49069.7	46304.6	43532.9
57.5°	45647.8	48990.9	52334.0	54061.4	55788.8	57036.7	56327.4	53463.7	50600.1	47743.0	44879.3
60°	46449.1	49779.1	53115.6	54501.5	55893.9	56866.0	56182.9	53398.0	50606.6	47821.8	45036.9
62.5°	44675.7	47237.2	49798.8	50829.9	51861.1	52609.9	52222.4	49582.0	46941.7	44301.3	41661.0
65°	38823.6	40597.0	42376.9	43073.1	43762.7	44294.8	44176.5	41950.0	39723.4	37503.4	35276.9
67.5°	31329.5	32708.8	34094.6	35079.8	36071.6	36840.0	36754.7	34725.1	32695.6	30666.1	28636.6
70°	24406.8	25838.6	27270.4	28511.8	29759.7	30725.2	30600.4	28715.4	26823.8	24938.8	23047.2
72.5°	19500.5	21129.3	22758.2	23467.6	24176.9	24676.1	24308.3	22883.0	21451.2	20025.9	18594.1
75°	11842.1	12696.0	13556.4	13549.8	13549.8	13471.0	13103.2	12288.8	11474.3	10659.9	9845.5
77.5°	3527.0	3901.4	4275.8	4637.0	5004.8	5280.7	5208.4	4781.5	4348.0	3921.1	3487.6
80°	972.1	1070.6	1175.7	1221.7	1267.6	1326.7	1477.8	1372.7	1267.6	1169.1	1064.0
82.5°	249.6	249.6	249.6	243.0	236.4	223.3	203.6	190.5	177.3	164.2	151.1
85°	39.4	32.8	32.8	32.8	26.3	26.3	26.3	26.3	19.7	19.7	13.1
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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.5°	65.7	65.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	52.5
5°	78.8	78.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	65.7
7.5°	98.5	98.5	92.0	92.0	92.0	92.0	85.4	85.4	85.4	85.4	78.8
10°	124.8	118.2	118.2	111.7	111.7	111.7	105.1	105.1	105.1	98.5	98.5
12.5°	157.6	151.1	151.1	144.5	137.9	137.9	131.4	124.8	118.2	118.2	111.7
15°	210.2	203.6	197.0	190.5	183.9	170.8	164.2	151.1	144.5	137.9	131.4
17.5°	400.6	367.8	335.0	302.1	275.9	249.6	223.3	197.0	183.9	170.8	157.6
20°	1116.6	965.5	821.0	676.5	584.6	492.6	400.6	308.7	269.3	236.4	197.0
22.5°	2417.0	2114.9	1819.3	1517.2	1274.2	1037.7	794.7	551.7	459.8	374.4	282.4
25°	4492.5	3914.5	3343.1	2765.1	2305.4	1845.6	1385.9	926.1	755.3	584.6	413.8
27.5°	6666.5	5917.8	5169.0	4420.3	3691.2	2955.6	2220.0	1490.9	1195.4	906.4	610.8
30°	8341.4	7546.7	6758.5	5963.8	5044.2	4124.7	3198.6	2279.1	1812.8	1346.4	873.5
32.5°	9779.8	8919.4	8065.5	7205.1	6141.1	5077.1	4013.1	2949.0	2364.5	1779.9	1188.8
35°	11205.0	10226.4	9254.3	8275.7	7132.9	5990.0	4847.2	3704.4	2962.2	2220.0	1471.2
37.5°	12939.0	11743.6	10554.8	9366.0	8190.3	7021.2	5845.5	4669.9	3724.1	2784.8	1839.0
40°	15960.3	14436.5	12919.3	11395.5	10022.8	8656.7	7283.9	5911.2	4722.4	3533.6	2338.2
42.5°	21727.0	19815.7	17911.0	15999.7	14101.5	12203.4	10298.7	8400.5	6706.0	5018.0	3323.4
45°	29772.9	27323.0	24879.7	22429.8	20091.6	17759.9	15421.7	13083.5	10508.8	7934.2	5352.9
47.5°	36308.0	33621.7	30942.0	28255.6	25661.3	23073.5	20479.1	17884.7	14587.6	11297.0	7999.9
50°	39257.1	36695.6	34140.6	31579.1	28978.1	26370.6	23763.1	21162.2	17379.0	13602.4	9819.2
52.5°	40248.9	37647.9	35053.5	32452.6	29871.4	27290.1	24708.9	22127.7	18193.4	14265.7	10331.5
55°	40794.0	38048.6	35309.7	32564.3	29786.0	27001.1	24216.3	21438.0	17523.5	13615.5	9701.0
57.5°	41897.4	38909.0	35927.1	32938.6	29772.9	26607.1	23434.7	20268.9	16406.9	12544.9	8682.9
60°	42101.0	39158.6	36222.7	33286.7	29786.0	26285.2	22777.9	19277.2	15441.4	11612.3	7776.5
62.5°	39204.5	36748.1	34298.2	31841.8	28334.5	24827.1	21313.2	17805.9	14134.4	10462.9	6784.8
65°	33155.4	31033.9	28919.0	26797.5	23933.9	21076.8	18213.1	15349.5	12072.0	8801.2	5523.7
67.5°	26561.1	24485.6	22416.7	20341.2	18186.9	16039.1	13884.8	11730.5	9201.8	6673.1	4144.4
70°	21057.1	19060.4	17070.3	15073.6	13168.9	11257.6	9346.3	7441.6	5871.8	4308.6	2738.9
72.5°	16689.3	14778.1	12873.3	10962.0	9234.6	7507.3	5779.9	4052.5	3270.9	2495.8	1714.3
75°	8853.7	7861.9	6876.7	5884.9	4912.9	3934.2	2955.6	1983.5	1674.8	1366.1	1050.9
77.5°	3054.1	2620.6	2193.7	1760.2	1464.7	1169.1	873.5	578.0	545.1	518.9	486.0
80°	926.1	788.2	650.2	512.3	453.2	394.1	335.0	275.9	256.2	236.4	210.2
82.5°	144.5	131.4	124.8	111.7	105.1	105.1	98.5	92.0	78.8	72.2	59.1
85°	13.1	6.6	6.6	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: P1067644

CATALOG NUMBER: NAV-SA4D-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: P1067644

CATALOG NUMBER: NAV-SA4D-740-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	59.1	59.1
2.5°	52.5	52.5
5°	65.7	65.7
7.5°	78.8	78.8
10°	92.0	92.0
12.5°	105.1	105.1
15°	124.8	118.2
17.5°	144.5	137.9
20°	157.6	144.5
22.5°	190.5	164.2
25°	243.0	203.6
27.5°	315.3	249.6
30°	407.2	315.3
32.5°	604.3	440.1
35°	729.1	532.0
37.5°	893.3	617.4
40°	1149.4	748.8
42.5°	1628.9	1018.0
45°	2778.3	1688.0
47.5°	4709.3	2876.8
50°	6036.0	3691.2
52.5°	6403.8	3914.5
55°	5793.0	3592.7
57.5°	4820.9	3054.1
60°	3947.4	2515.6
62.5°	3113.2	1990.1
65°	2246.3	1504.1
67.5°	1615.7	1156.0
70°	1175.7	906.4
72.5°	932.7	755.3
75°	742.2	630.5
77.5°	459.8	420.4
80°	190.5	177.3
82.5°	46.0	39.4
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: P1067644

CATALOG NUMBER: NAV-SA4D-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

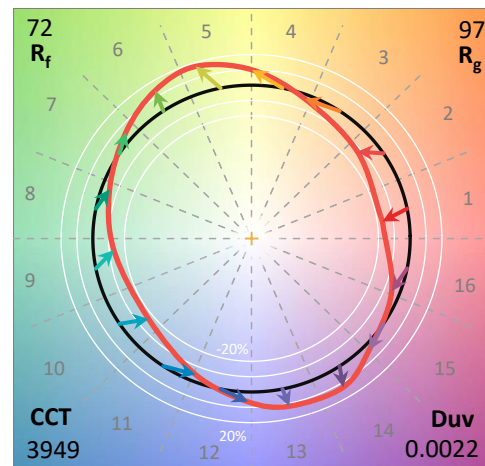
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

REPORT NUMBER: SP1-2407-184-1

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 $\text{W}^\wedge/\text{nm}$	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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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

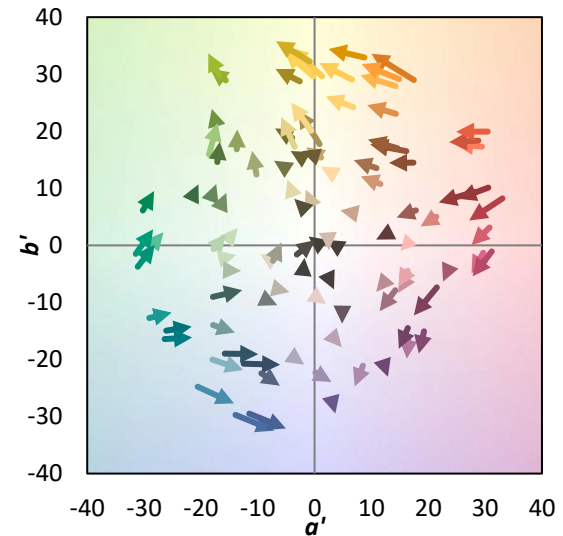
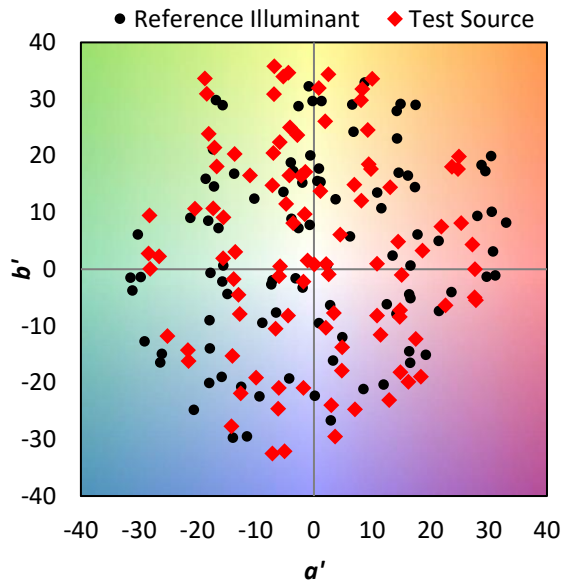
TM-30-18

Summary

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



Color Vector Graphics

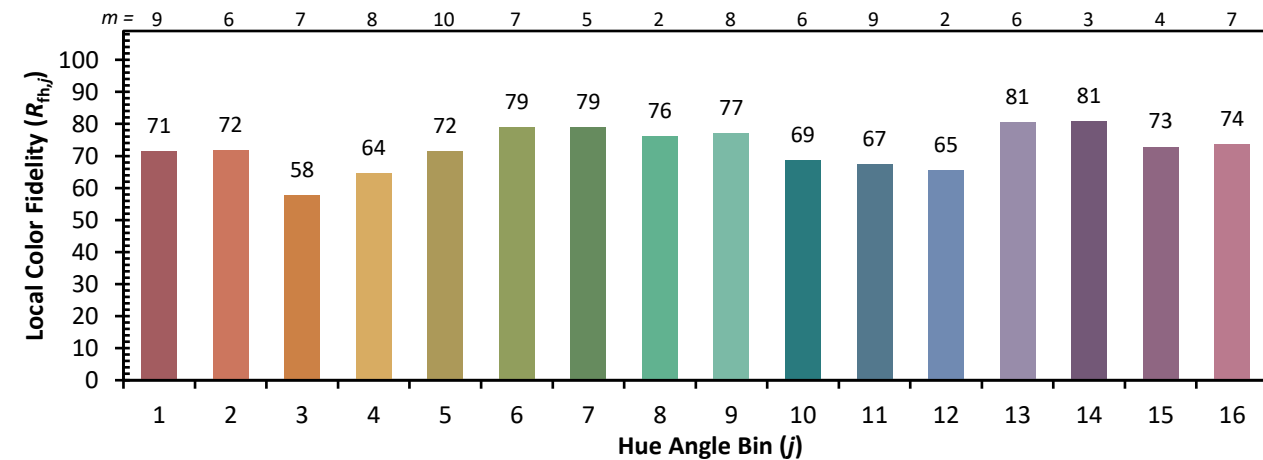
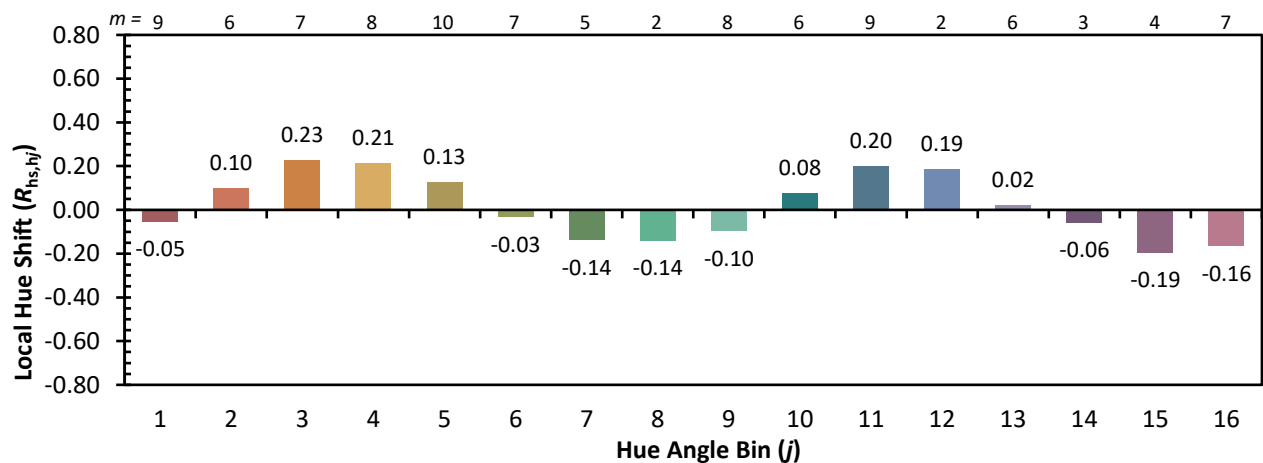


Individual Sample Fidelity Index ($R_{f,i}$)

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)