

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: P1067740

Luminaire Tested: **NAV-SA4D-735-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067740
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4D-735-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19477.9 lumens
Efficiency: N/A
Efficacy: 89.0 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

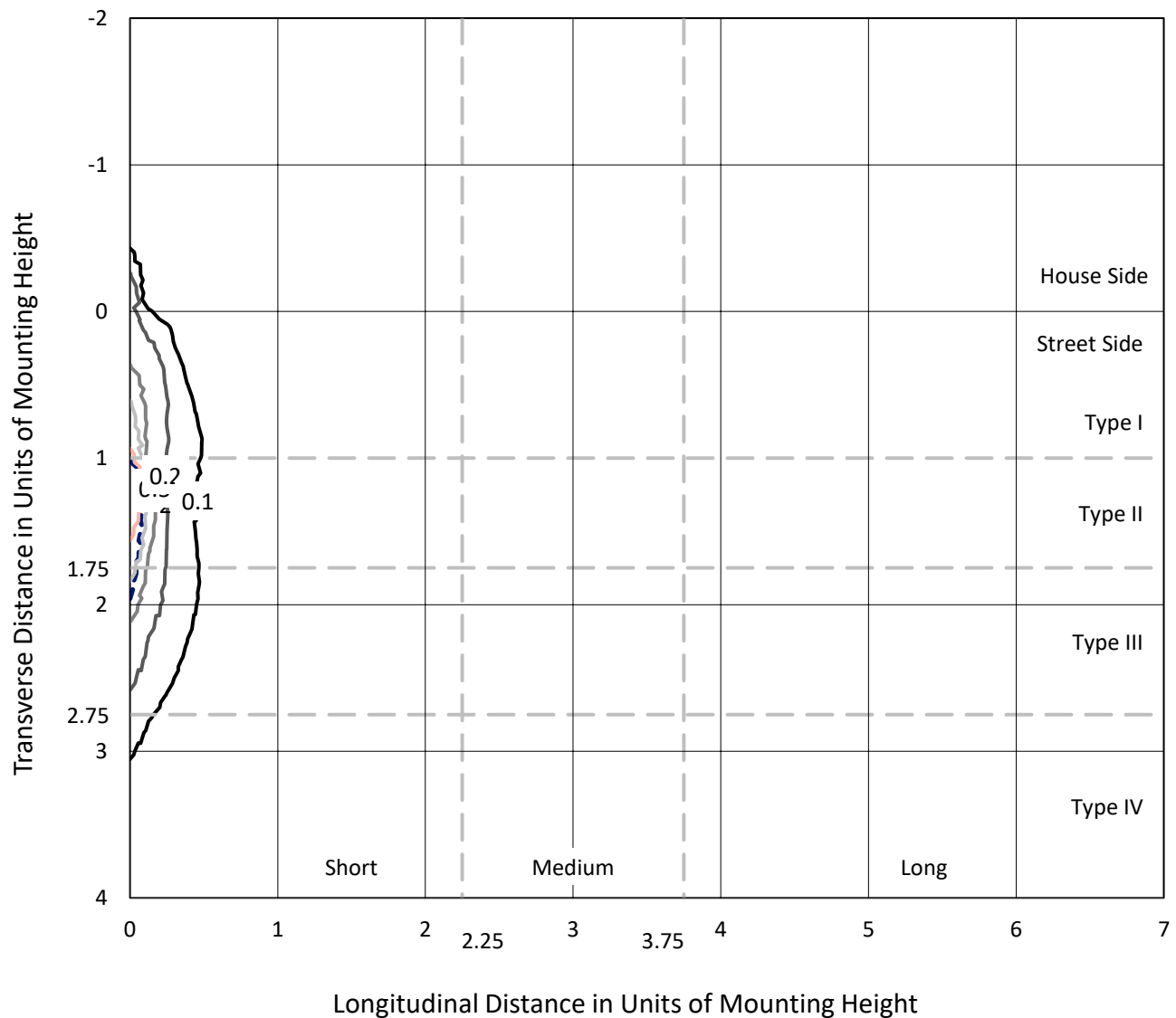


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

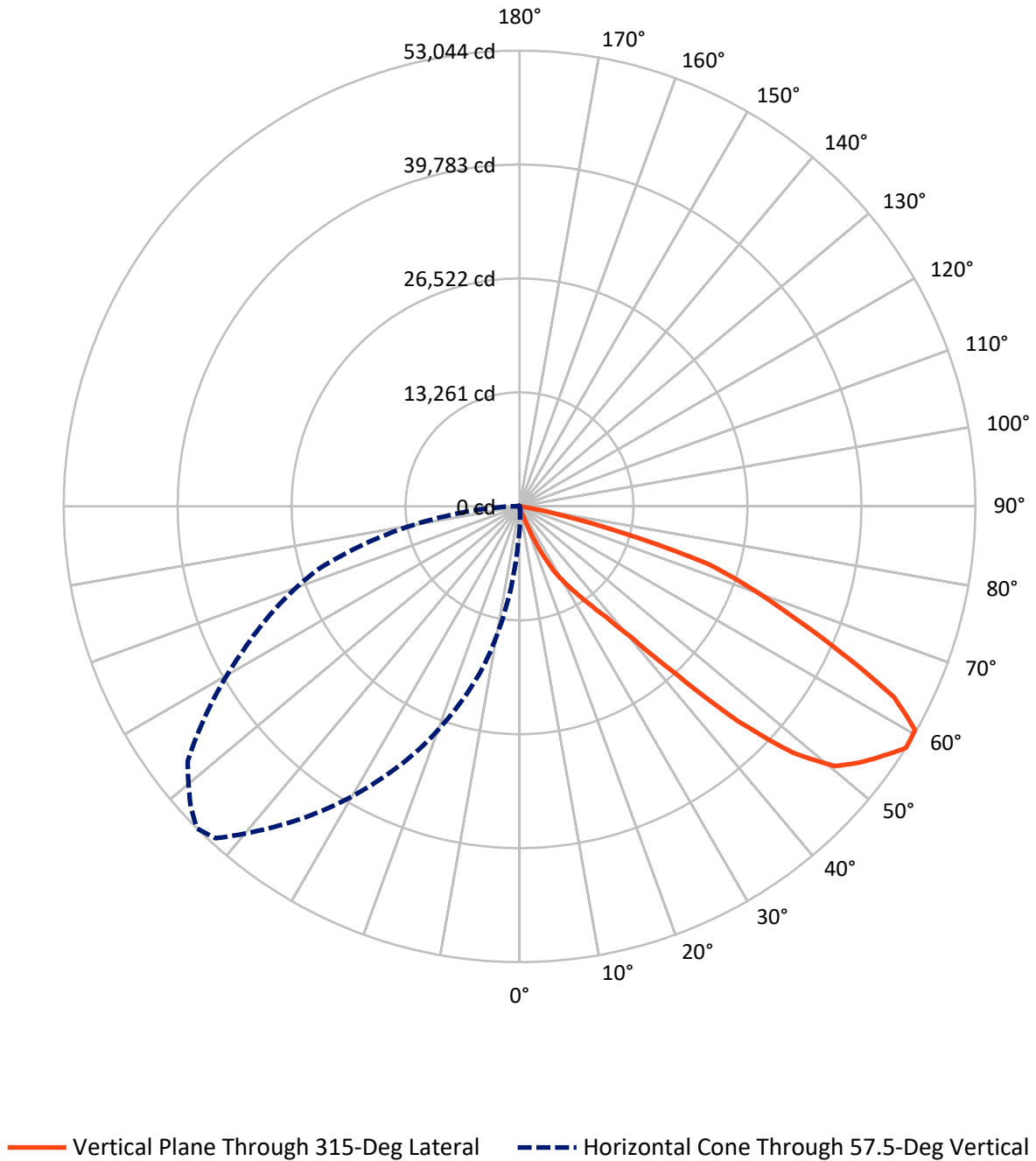


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.8	0.0	115.8
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	19362.0	0.0	19362.0
	% Fixture	99.4	0.0	99.4
Total	Lumens	19477.9	0.0	19477.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.0
10°-20°	28.6	0.1
20°-30°	363.5	1.9
30°-40°	1225.2	6.3
40°-50°	3700.2	19.0
50°-60°	6528.3	33.5
60°-70°	5751.4	29.5
70°-80°	1830.8	9.4
80°-90°	44.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19477.9	100.0
0°-180°	19477.9	100.0



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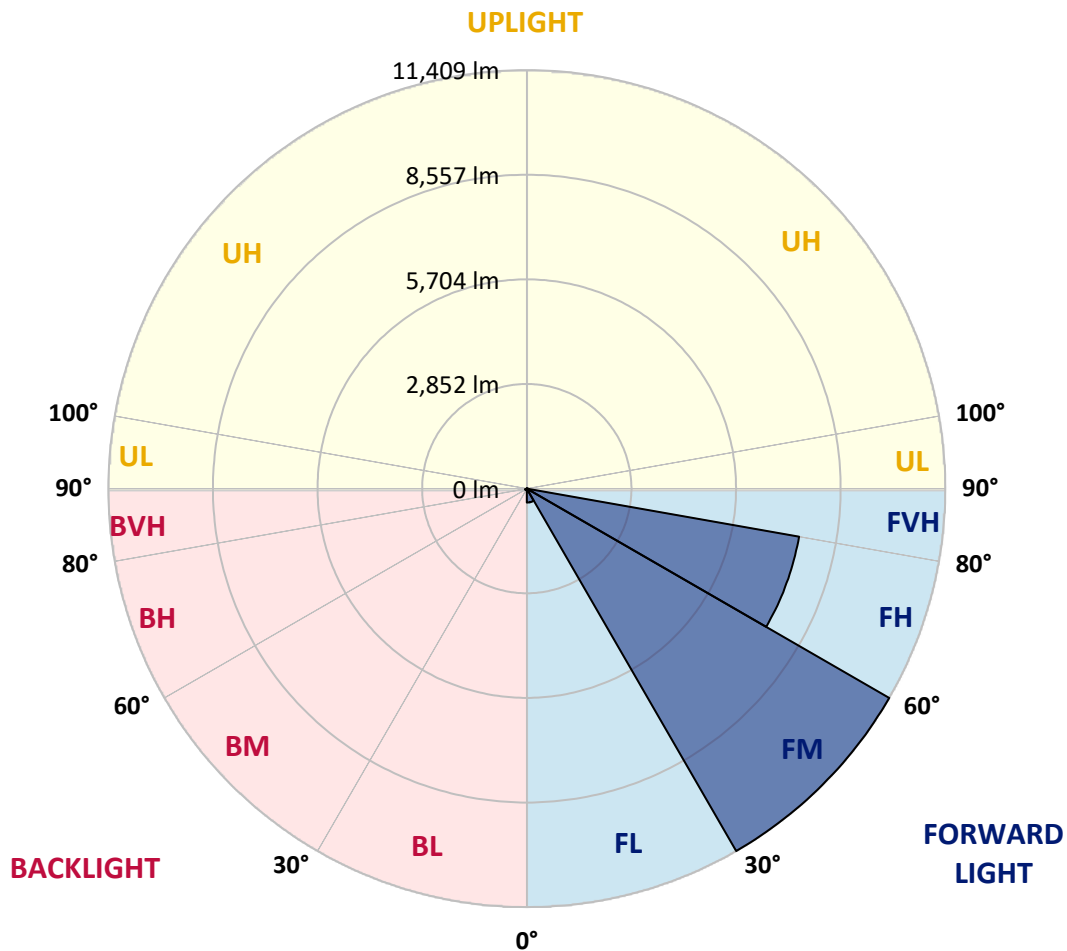
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	380.5	2.0			
FM	(30°-60°)	11408.9	58.6			
FH	(60°-80°)	7536.9	38.7			G4/12000
FVH	(80°-90°)	35.8	0.2			G1/100
BL	(0°-30°)	17.4	0.1	B0/110		
BM	(30°-60°)	44.9	0.2	B0/220		
BH	(60°-80°)	45.4	0.2	B0/110		G0/110
BVH	(80°-90°)	8.2	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-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°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	42.8
5°	61.1	61.1	61.1	55.0	55.0	55.0	48.9	48.9	48.9	48.9	48.9
7.5°	73.3	67.2	67.2	61.1	61.1	61.1	55.0	55.0	55.0	55.0	48.9
10°	85.5	79.4	79.4	73.3	73.3	67.2	67.2	61.1	61.1	55.0	55.0
12.5°	97.7	91.6	85.5	79.4	79.4	73.3	73.3	67.2	67.2	61.1	61.1
15°	109.9	103.8	97.7	91.6	85.5	85.5	79.4	73.3	67.2	67.2	61.1
17.5°	128.3	116.1	109.9	97.7	91.6	85.5	79.4	73.3	73.3	67.2	67.2
20°	134.4	122.2	116.1	103.8	97.7	91.6	85.5	79.4	73.3	73.3	67.2
22.5°	158.8	134.4	128.3	116.1	109.9	103.8	91.6	85.5	79.4	73.3	67.2
25°	195.5	158.8	140.5	122.2	116.1	103.8	97.7	85.5	79.4	73.3	67.2
27.5°	238.2	177.1	158.8	134.4	122.2	109.9	97.7	85.5	79.4	73.3	67.2
30°	293.2	207.7	177.1	146.6	134.4	122.2	103.8	91.6	85.5	79.4	67.2
32.5°	409.3	256.5	207.7	158.8	140.5	128.3	109.9	91.6	85.5	79.4	67.2
35°	494.8	311.5	250.4	183.2	158.8	140.5	116.1	91.6	85.5	79.4	67.2
37.5°	574.2	317.6	256.5	195.5	171.0	146.6	116.1	91.6	85.5	79.4	67.2
40°	702.5	329.8	256.5	183.2	164.9	140.5	122.2	97.7	91.6	79.4	73.3
42.5°	946.8	378.7	274.9	171.0	152.7	140.5	122.2	103.8	91.6	85.5	73.3
45°	1575.9	562.0	372.6	177.1	158.8	140.5	122.2	103.8	97.7	85.5	79.4
47.5°	2681.5	977.3	580.3	183.2	164.9	140.5	122.2	97.7	91.6	85.5	73.3
50°	3432.8	1252.2	733.0	213.8	183.2	158.8	128.3	97.7	91.6	85.5	79.4
52.5°	3646.6	1331.6	794.1	250.4	213.8	177.1	134.4	97.7	91.6	91.6	85.5
55°	3341.2	1295.0	794.1	293.2	244.3	201.6	152.7	103.8	97.7	97.7	91.6
57.5°	2840.3	1197.2	757.4	317.6	268.8	213.8	164.9	109.9	103.8	103.8	97.7
60°	2339.5	1007.9	684.1	354.3	299.3	244.3	189.4	134.4	128.3	122.2	109.9
62.5°	1856.9	812.4	598.6	378.7	323.7	262.7	207.7	146.6	140.5	134.4	128.3
65°	1398.8	708.6	555.9	397.0	336.0	274.9	213.8	152.7	146.6	146.6	140.5
67.5°	1075.1	647.5	531.4	409.3	348.2	287.1	226.0	164.9	158.8	152.7	146.6
70°	849.0	598.6	500.9	403.1	348.2	293.2	232.1	177.1	164.9	158.8	146.6
72.5°	708.6	543.6	464.2	384.8	342.1	299.3	256.5	213.8	189.4	171.0	146.6
75°	592.5	488.7	421.5	348.2	317.6	293.2	262.7	232.1	201.6	171.0	140.5
77.5°	390.9	354.3	323.7	293.2	274.9	256.5	232.1	213.8	183.2	158.8	128.3
80°	164.9	152.7	158.8	158.8	158.8	158.8	152.7	152.7	134.4	116.1	91.6
82.5°	36.6	30.5	36.6	36.6	36.6	36.6	30.5	30.5	30.5	24.4	24.4
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°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
5°	48.9	48.9	48.9	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
7.5°	48.9	48.9	48.9	42.8	42.8	42.8	42.8	36.6	36.6	36.6	36.6
10°	48.9	48.9	48.9	42.8	42.8	42.8	42.8	36.6	36.6	36.6	36.6
12.5°	55.0	55.0	48.9	48.9	42.8	42.8	42.8	36.6	36.6	36.6	36.6
15°	55.0	55.0	48.9	48.9	42.8	42.8	42.8	36.6	36.6	36.6	36.6
17.5°	61.1	55.0	55.0	48.9	42.8	42.8	42.8	36.6	36.6	36.6	36.6
20°	61.1	55.0	55.0	48.9	42.8	42.8	42.8	36.6	36.6	36.6	36.6
22.5°	61.1	55.0	55.0	48.9	42.8	42.8	36.6	36.6	30.5	30.5	24.4
25°	61.1	55.0	55.0	48.9	42.8	42.8	36.6	36.6	30.5	24.4	24.4
27.5°	61.1	55.0	55.0	48.9	42.8	36.6	36.6	30.5	24.4	18.3	18.3
30°	61.1	55.0	55.0	48.9	42.8	36.6	30.5	24.4	18.3	18.3	12.2
32.5°	61.1	55.0	48.9	42.8	36.6	30.5	30.5	24.4	18.3	12.2	12.2
35°	61.1	55.0	48.9	42.8	36.6	30.5	30.5	24.4	18.3	12.2	12.2
37.5°	61.1	55.0	48.9	42.8	36.6	30.5	24.4	18.3	12.2	12.2	6.1
40°	61.1	55.0	48.9	42.8	36.6	30.5	24.4	18.3	12.2	12.2	6.1
42.5°	61.1	55.0	48.9	42.8	36.6	30.5	24.4	18.3	12.2	12.2	6.1
45°	67.2	61.1	55.0	42.8	36.6	30.5	30.5	24.4	18.3	12.2	12.2
47.5°	67.2	61.1	55.0	42.8	36.6	30.5	30.5	24.4	18.3	12.2	12.2
50°	73.3	67.2	61.1	48.9	42.8	36.6	30.5	18.3	12.2	12.2	6.1
52.5°	79.4	73.3	67.2	61.1	55.0	42.8	30.5	18.3	6.1	6.1	6.1
55°	85.5	79.4	79.4	73.3	67.2	48.9	36.6	18.3	0.0	0.0	0.0
57.5°	91.6	85.5	85.5	79.4	73.3	55.0	36.6	18.3	0.0	0.0	0.0
60°	103.8	97.7	91.6	79.4	73.3	55.0	36.6	18.3	0.0	0.0	0.0
62.5°	122.2	109.9	91.6	79.4	61.1	48.9	30.5	18.3	0.0	0.0	0.0
65°	134.4	116.1	97.7	73.3	55.0	42.8	30.5	12.2	0.0	0.0	0.0
67.5°	140.5	116.1	97.7	73.3	48.9	36.6	24.4	12.2	0.0	0.0	0.0
70°	134.4	109.9	91.6	67.2	42.8	30.5	24.4	12.2	0.0	0.0	0.0
72.5°	122.2	103.8	79.4	61.1	36.6	30.5	18.3	12.2	0.0	0.0	0.0
75°	109.9	91.6	67.2	48.9	24.4	18.3	12.2	6.1	0.0	0.0	0.0
77.5°	97.7	79.4	55.0	36.6	12.2	12.2	6.1	6.1	0.0	0.0	0.0
80°	73.3	55.0	36.6	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.3	12.2	12.2	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
5°	36.6	36.6	36.6	36.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5
7.5°	36.6	36.6	36.6	36.6	30.5	30.5	30.5	30.5	24.4	24.4	24.4
10°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	24.4	24.4	24.4
12.5°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	24.4	24.4	24.4
15°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	24.4	24.4	18.3	18.3
17.5°	30.5	30.5	30.5	30.5	24.4	24.4	24.4	18.3	18.3	12.2	12.2
20°	30.5	30.5	30.5	24.4	24.4	18.3	18.3	12.2	12.2	6.1	6.1
22.5°	24.4	18.3	18.3	12.2	12.2	6.1	6.1	6.1	0.0	0.0	0.0
25°	18.3	12.2	12.2	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	12.2	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	12.2	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	36.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
5°	30.5	30.5	30.5	30.5	24.4	24.4	24.4	24.4	24.4	24.4	24.4
7.5°	24.4	24.4	24.4	24.4	24.4	24.4	18.3	18.3	18.3	18.3	18.3
10°	24.4	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	12.2	12.2
12.5°	24.4	18.3	18.3	18.3	12.2	12.2	12.2	12.2	12.2	6.1	6.1
15°	18.3	12.2	12.2	12.2	6.1	6.1	6.1	6.1	6.1	0.0	0.0
17.5°	12.2	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	36.6	36.6
5°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
7.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
10°	12.2	12.2	12.2	12.2	12.2	12.2	6.1	6.1	6.1	6.1	6.1
12.5°	6.1	6.1	6.1	6.1	6.1	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	36.6	36.6	36.6	36.6	36.6	42.8	42.8	48.9	48.9	55.0	55.0
5°	24.4	24.4	30.5	30.5	30.5	30.5	36.6	36.6	36.6	42.8	42.8
7.5°	18.3	18.3	18.3	18.3	18.3	24.4	24.4	30.5	30.5	36.6	36.6
10°	6.1	6.1	12.2	12.2	12.2	12.2	18.3	18.3	18.3	24.4	30.5
12.5°	0.0	0.0	6.1	6.1	6.1	6.1	12.2	12.2	12.2	18.3	24.4
15°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	12.2	18.3
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	12.2
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	61.1	61.1	67.2	67.2	73.3	73.3	79.4	79.4	79.4	79.4	79.4
5°	48.9	48.9	55.0	61.1	61.1	67.2	73.3	73.3	73.3	73.3	73.3
7.5°	42.8	42.8	48.9	55.0	55.0	61.1	67.2	67.2	73.3	73.3	73.3
10°	30.5	36.6	42.8	48.9	48.9	55.0	61.1	61.1	67.2	67.2	67.2
12.5°	24.4	30.5	36.6	42.8	42.8	48.9	55.0	55.0	61.1	61.1	67.2
15°	18.3	24.4	30.5	36.6	36.6	42.8	48.9	48.9	55.0	61.1	67.2
17.5°	12.2	18.3	24.4	30.5	30.5	36.6	42.8	48.9	55.0	55.0	61.1
20°	12.2	12.2	18.3	24.4	24.4	30.5	36.6	42.8	48.9	48.9	55.0
22.5°	6.1	6.1	12.2	18.3	18.3	24.4	30.5	36.6	42.8	42.8	48.9
25°	0.0	0.0	6.1	12.2	12.2	18.3	24.4	24.4	30.5	30.5	36.6
27.5°	0.0	0.0	6.1	6.1	12.2	12.2	18.3	18.3	24.4	24.4	30.5
30°	0.0	0.0	6.1	6.1	12.2	12.2	18.3	18.3	24.4	24.4	24.4
32.5°	0.0	0.0	0.0	6.1	6.1	6.1	12.2	12.2	18.3	18.3	24.4
35°	0.0	0.0	0.0	6.1	6.1	6.1	12.2	12.2	18.3	18.3	18.3
37.5°	0.0	0.0	0.0	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.3
40°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
45°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
50°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
55°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	12.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	79.4	79.4
5°	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	73.3	73.3
7.5°	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	73.3	73.3
10°	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
12.5°	67.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
15°	67.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
17.5°	61.1	67.2	67.2	67.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
20°	55.0	61.1	61.1	61.1	67.2	67.2	67.2	67.2	73.3	73.3	73.3
22.5°	48.9	55.0	55.0	55.0	61.1	61.1	61.1	61.1	67.2	67.2	67.2
25°	42.8	42.8	48.9	48.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
27.5°	30.5	36.6	36.6	36.6	42.8	42.8	42.8	42.8	48.9	48.9	48.9
30°	30.5	30.5	30.5	30.5	36.6	36.6	36.6	36.6	42.8	42.8	42.8
32.5°	24.4	30.5	30.5	30.5	36.6	36.6	36.6	36.6	42.8	42.8	42.8
35°	24.4	24.4	24.4	24.4	30.5	30.5	30.5	30.5	36.6	36.6	36.6
37.5°	18.3	24.4	24.4	24.4	30.5	30.5	30.5	30.5	36.6	36.6	36.6
40°	18.3	18.3	18.3	18.3	24.4	24.4	24.4	24.4	30.5	30.5	30.5
42.5°	18.3	18.3	18.3	18.3	24.4	24.4	24.4	24.4	30.5	30.5	30.5
45°	18.3	18.3	18.3	18.3	24.4	24.4	24.4	24.4	30.5	30.5	30.5
47.5°	18.3	18.3	18.3	18.3	24.4	24.4	24.4	24.4	30.5	30.5	30.5
50°	18.3	18.3	18.3	18.3	24.4	24.4	24.4	24.4	30.5	30.5	30.5
52.5°	12.2	12.2	12.2	12.2	18.3	18.3	18.3	18.3	24.4	24.4	24.4
55°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	18.3	18.3	18.3
57.5°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	18.3	18.3	18.3
60°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	6.1	6.1
67.5°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
70°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
72.5°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
75°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
77.5°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
80°	18.3	18.3	18.3	18.3	18.3	12.2	12.2	12.2	12.2	12.2	12.2
82.5°	12.2	18.3	18.3	18.3	18.3	12.2	12.2	12.2	12.2	12.2	12.2
85°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
87.5°	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	79.4	79.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	79.4	79.4
5°	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	79.4	79.4
7.5°	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	79.4	79.4
10°	73.3	73.3	73.3	73.3	67.2	67.2	73.3	73.3	73.3	79.4	79.4
12.5°	73.3	73.3	73.3	73.3	67.2	67.2	73.3	73.3	79.4	79.4	85.5
15°	73.3	73.3	67.2	67.2	67.2	67.2	73.3	73.3	79.4	79.4	85.5
17.5°	73.3	73.3	67.2	67.2	67.2	67.2	73.3	73.3	79.4	79.4	85.5
20°	73.3	73.3	67.2	67.2	67.2	67.2	67.2	67.2	73.3	79.4	79.4
22.5°	67.2	67.2	67.2	67.2	61.1	61.1	67.2	67.2	73.3	79.4	79.4
25°	55.0	61.1	61.1	61.1	61.1	61.1	67.2	67.2	73.3	79.4	79.4
27.5°	48.9	55.0	55.0	55.0	55.0	61.1	61.1	67.2	73.3	79.4	79.4
30°	42.8	48.9	48.9	48.9	55.0	61.1	61.1	67.2	73.3	79.4	79.4
32.5°	42.8	48.9	48.9	48.9	55.0	55.0	61.1	61.1	67.2	73.3	79.4
35°	42.8	42.8	48.9	48.9	48.9	55.0	55.0	61.1	67.2	73.3	79.4
37.5°	42.8	42.8	48.9	48.9	48.9	55.0	55.0	61.1	67.2	73.3	79.4
40°	36.6	42.8	42.8	48.9	48.9	55.0	55.0	61.1	67.2	79.4	85.5
42.5°	36.6	36.6	42.8	42.8	48.9	55.0	55.0	61.1	67.2	79.4	85.5
45°	36.6	42.8	42.8	48.9	55.0	61.1	61.1	67.2	73.3	79.4	85.5
47.5°	36.6	42.8	42.8	48.9	61.1	61.1	67.2	67.2	73.3	79.4	85.5
50°	36.6	42.8	42.8	48.9	67.2	67.2	67.2	67.2	73.3	79.4	85.5
52.5°	30.5	36.6	36.6	42.8	55.0	61.1	67.2	73.3	79.4	85.5	91.6
55°	24.4	30.5	30.5	36.6	48.9	55.0	67.2	79.4	85.5	91.6	97.7
57.5°	24.4	24.4	30.5	30.5	42.8	55.0	73.3	85.5	91.6	97.7	103.8
60°	18.3	18.3	24.4	24.4	36.6	48.9	67.2	85.5	91.6	103.8	109.9
62.5°	12.2	18.3	18.3	24.4	30.5	48.9	67.2	85.5	97.7	109.9	116.1
65°	12.2	12.2	18.3	18.3	30.5	42.8	61.1	73.3	91.6	109.9	128.3
67.5°	18.3	18.3	24.4	24.4	30.5	42.8	61.1	73.3	91.6	116.1	134.4
70°	18.3	18.3	24.4	24.4	36.6	48.9	61.1	73.3	91.6	116.1	134.4
72.5°	18.3	18.3	24.4	24.4	36.6	42.8	55.0	67.2	85.5	103.8	122.2
75°	12.2	18.3	18.3	18.3	30.5	36.6	48.9	61.1	79.4	97.7	116.1
77.5°	12.2	12.2	12.2	12.2	24.4	30.5	42.8	48.9	67.2	85.5	103.8
80°	12.2	12.2	12.2	12.2	18.3	24.4	36.6	42.8	61.1	79.4	97.7
82.5°	12.2	12.2	6.1	6.1	12.2	18.3	24.4	30.5	48.9	61.1	79.4
85°	12.2	12.2	6.1	6.1	6.1	12.2	12.2	18.3	24.4	30.5	36.6
87.5°	12.2	12.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	79.4	79.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
5°	79.4	85.5	85.5	91.6	91.6	91.6	97.7	97.7	97.7	97.7	97.7
7.5°	79.4	85.5	85.5	91.6	91.6	91.6	97.7	97.7	97.7	103.8	103.8
10°	79.4	85.5	85.5	91.6	91.6	97.7	103.8	103.8	109.9	109.9	109.9
12.5°	85.5	91.6	91.6	97.7	97.7	103.8	109.9	109.9	116.1	122.2	122.2
15°	85.5	91.6	97.7	97.7	103.8	109.9	116.1	116.1	122.2	128.3	134.4
17.5°	85.5	91.6	97.7	97.7	103.8	109.9	122.2	128.3	134.4	146.6	152.7
20°	85.5	91.6	97.7	97.7	103.8	116.1	122.2	134.4	140.5	152.7	164.9
22.5°	85.5	91.6	97.7	103.8	109.9	122.2	134.4	140.5	152.7	171.0	183.2
25°	85.5	91.6	97.7	103.8	109.9	122.2	134.4	146.6	158.8	183.2	207.7
27.5°	85.5	91.6	103.8	109.9	116.1	128.3	146.6	158.8	171.0	213.8	256.5
30°	85.5	91.6	103.8	109.9	116.1	134.4	152.7	164.9	183.2	256.5	323.7
32.5°	85.5	97.7	103.8	116.1	122.2	140.5	164.9	183.2	201.6	305.4	403.1
35°	85.5	97.7	103.8	116.1	122.2	146.6	171.0	195.5	219.9	372.6	525.3
37.5°	85.5	97.7	103.8	116.1	122.2	158.8	195.5	232.1	268.8	427.6	586.4
40°	91.6	103.8	109.9	122.2	128.3	164.9	201.6	238.2	274.9	433.7	592.5
42.5°	91.6	103.8	109.9	122.2	128.3	158.8	195.5	226.0	256.5	433.7	610.8
45°	91.6	103.8	116.1	122.2	134.4	164.9	195.5	219.9	250.4	476.4	696.3
47.5°	91.6	103.8	116.1	122.2	134.4	164.9	195.5	226.0	256.5	629.2	995.6
50°	91.6	103.8	116.1	122.2	134.4	171.0	207.7	244.3	281.0	940.7	1600.4
52.5°	97.7	103.8	116.1	122.2	128.3	171.0	213.8	256.5	299.3	1221.7	2137.9
55°	103.8	109.9	116.1	122.2	128.3	183.2	238.2	293.2	348.2	1313.3	2272.3
57.5°	109.9	116.1	122.2	122.2	128.3	195.5	268.8	336.0	403.1	1307.2	2205.1
60°	116.1	122.2	128.3	134.4	140.5	207.7	281.0	348.2	415.4	1185.0	1954.6
62.5°	128.3	140.5	152.7	158.8	171.0	238.2	299.3	366.5	427.6	971.2	1508.7
65°	146.6	158.8	164.9	177.1	183.2	244.3	311.5	372.6	433.7	806.3	1172.8
67.5°	152.7	164.9	171.0	183.2	189.4	250.4	311.5	372.6	433.7	684.1	928.5
70°	152.7	164.9	177.1	183.2	195.5	256.5	311.5	372.6	427.6	592.5	757.4
72.5°	140.5	158.8	171.0	189.4	201.6	256.5	305.4	360.4	409.3	525.3	641.4
75°	134.4	158.8	177.1	201.6	219.9	256.5	299.3	336.0	372.6	458.1	543.6
77.5°	122.2	152.7	183.2	213.8	244.3	268.8	287.1	311.5	329.8	384.8	439.8
80°	116.1	146.6	177.1	207.7	238.2	250.4	256.5	268.8	274.9	281.0	287.1
82.5°	91.6	116.1	140.5	158.8	183.2	171.0	164.9	152.7	140.5	134.4	128.3
85°	42.8	48.9	48.9	55.0	55.0	55.0	48.9	48.9	42.8	36.6	30.5
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	85.5	85.5	85.5	85.5	79.4	79.4	79.4	79.4	73.3	73.3	73.3
5°	97.7	97.7	97.7	97.7	91.6	91.6	91.6	91.6	85.5	85.5	85.5
7.5°	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8
10°	116.1	116.1	116.1	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
12.5°	128.3	128.3	134.4	134.4	140.5	140.5	146.6	146.6	152.7	152.7	152.7
15°	140.5	146.6	152.7	158.8	158.8	164.9	171.0	177.1	183.2	189.4	195.5
17.5°	164.9	171.0	183.2	195.5	207.7	219.9	238.2	262.7	281.0	299.3	323.7
20°	183.2	201.6	238.2	281.0	317.6	354.3	445.9	537.5	629.2	720.8	812.4
22.5°	219.9	256.5	378.7	507.0	629.2	751.3	1038.4	1325.5	1606.5	1893.6	2150.1
25°	293.2	372.6	653.6	934.6	1209.4	1490.4	2003.5	2522.7	3035.8	3548.9	4025.3
27.5°	403.1	549.7	1007.9	1472.1	1930.2	2388.3	3133.5	3884.9	4630.1	5381.4	6047.2
30°	562.0	800.2	1484.3	2174.5	2858.7	3542.8	4483.5	5430.2	6370.9	7311.6	7922.4
32.5°	763.5	1117.8	1985.2	2852.6	3719.9	4587.3	5625.7	6664.1	7696.4	8734.8	9382.3
35°	977.3	1429.3	2473.8	3524.5	4569.0	5619.6	6713.0	7806.4	8899.7	9993.1	10787.2
37.5°	1099.5	1612.6	2852.6	4092.5	5326.4	6566.4	7763.6	8966.9	10164.1	11361.4	12326.5
40°	1215.5	1832.5	3261.8	4691.1	6120.5	7549.8	8948.6	10347.4	11746.2	13145.0	14385.0
42.5°	1386.6	2162.3	3829.9	5497.4	7158.9	8826.4	10665.0	12509.7	14348.3	16186.9	18092.7
45°	1740.9	2785.4	4947.7	7110.0	9266.2	11428.6	14036.8	16651.1	19259.4	21873.7	24317.0
47.5°	2596.0	4190.3	7140.6	10090.8	13041.1	15991.4	18996.7	22002.0	25007.2	28012.5	30920.0
50°	4019.2	6432.0	10121.4	13810.8	17494.1	21183.5	24182.6	27181.8	30174.8	33174.0	36063.2
52.5°	5356.9	8576.0	12540.3	16510.6	20474.9	24445.3	27102.4	29759.5	32416.5	35073.6	37871.2
55°	5815.1	9351.7	13364.9	17384.1	21397.2	25416.5	27975.8	30541.3	33100.7	35660.0	38561.5
57.5°	5411.9	8618.8	12662.4	16706.1	20743.7	24787.3	27646.0	30510.8	33369.4	36234.2	39343.3
60°	4532.3	7103.9	11349.2	15600.5	19845.7	24091.0	27316.1	30541.3	33766.5	36991.6	40094.6
62.5°	3591.7	5668.5	10164.1	14659.8	19155.5	23651.2	26931.3	30217.6	33497.7	36777.8	39160.1
65°	2754.8	4336.9	8759.2	13187.7	17610.1	22038.6	24726.2	27420.0	30107.6	32801.4	34450.6
67.5°	2046.3	3164.1	7030.6	10903.2	14769.8	18636.3	20615.4	22600.6	24579.6	26564.8	27847.6
70°	1508.7	2253.9	4886.6	7519.3	10145.8	12778.5	14592.6	16406.8	18214.8	20029.0	21360.6
72.5°	1044.5	1441.5	3017.5	4599.5	6175.5	7751.4	9590.0	11428.6	13261.0	15099.6	16614.5
75°	714.7	885.7	1624.8	2363.9	3103.0	3842.1	5234.8	6627.5	8020.1	9412.8	10213.0
77.5°	531.4	623.0	842.9	1068.9	1288.8	1508.7	1777.5	2046.3	2315.0	2583.8	2932.0
80°	293.2	293.2	323.7	348.2	378.7	403.1	476.4	555.9	629.2	708.6	806.3
82.5°	134.4	140.5	152.7	164.9	171.0	183.2	195.5	207.7	219.9	232.1	232.1
85°	36.6	42.8	42.8	36.6	36.6	30.5	30.5	36.6	36.6	36.6	36.6
87.5°	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	73.3	67.2	67.2	67.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1
5°	85.5	85.5	85.5	85.5	79.4	79.4	79.4	79.4	79.4	73.3	73.3
7.5°	103.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	91.6	91.6
10°	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	116.1	116.1
12.5°	152.7	152.7	152.7	152.7	158.8	158.8	152.7	152.7	152.7	146.6	146.6
15°	201.6	207.7	213.8	213.8	219.9	219.9	219.9	213.8	213.8	207.7	201.6
17.5°	342.1	360.4	384.8	409.3	433.7	452.0	452.0	439.8	427.6	415.4	403.1
20°	910.1	1001.8	1099.5	1197.2	1301.1	1374.4	1325.5	1288.8	1252.2	1209.4	1172.8
22.5°	2412.8	2669.3	2932.0	3115.2	3298.5	3426.7	3322.9	3121.3	2919.7	2724.3	2522.7
25°	4501.8	4972.1	5448.6	5644.0	5845.6	5992.2	5925.0	5619.6	5314.2	5014.9	4709.5
27.5°	6713.0	7372.7	8038.5	8209.5	8380.5	8508.8	8484.4	8087.3	7690.3	7293.3	6896.2
30°	8533.2	9144.1	9754.9	9925.9	10097.0	10213.0	10084.7	9687.7	9290.7	8893.6	8496.6
32.5°	10035.9	10683.4	11336.9	11562.9	11788.9	11941.7	11788.9	11312.5	10836.1	10365.7	9889.3
35°	11581.3	12369.2	13163.3	13450.4	13737.5	13920.7	13664.2	13077.8	12491.4	11911.1	11324.7
37.5°	13291.6	14250.6	15215.7	15606.6	16003.6	16278.5	16083.1	15350.1	14611.0	13878.0	13138.9
40°	15631.0	16871.0	18117.1	18819.6	19515.9	20010.7	19662.5	18813.4	17958.3	17109.2	16254.1
42.5°	20004.6	21910.3	23816.1	24824.0	25825.7	26552.6	26161.7	25117.2	24072.7	23028.1	21983.6
45°	26760.3	29197.5	31640.8	33112.9	34591.1	35678.4	35226.3	33913.1	32593.7	31280.4	29967.1
47.5°	33827.6	36735.1	39642.6	40815.4	41994.3	42910.5	42800.6	41163.6	39526.6	37895.7	36258.6
50°	38958.5	41847.7	44736.9	45744.8	46758.7	47510.1	47229.1	45146.2	43057.1	40974.2	38885.2
52.5°	40668.8	43460.3	46257.9	47461.2	48664.5	49562.4	49220.4	46874.8	44529.2	42189.8	39844.2
55°	41462.9	44364.3	47265.7	48731.7	50203.8	51278.9	50784.1	48212.5	45634.8	43063.3	40485.6
57.5°	42452.4	45561.5	48670.6	50277.1	51883.6	53044.2	52384.5	49721.3	47058.1	44401.0	41737.8
60°	43197.6	46294.5	49397.5	50686.4	51981.3	52885.3	52250.1	49660.2	47064.2	44474.3	41884.4
62.5°	41548.4	43930.6	46312.8	47271.8	48230.8	48927.2	48566.8	46111.3	43655.8	41200.2	38744.7
65°	36105.9	37755.2	39410.5	40058.0	40699.4	41194.1	41084.2	39013.5	36942.8	34878.2	32807.5
67.5°	29136.4	30419.1	31708.0	32624.2	33546.6	34261.2	34181.8	32294.4	30406.9	28519.5	26632.0
70°	22698.3	24029.9	25361.5	26516.0	27676.5	28574.5	28458.4	26705.3	24946.1	23193.1	21433.9
72.5°	18135.4	19650.3	21165.1	21824.8	22484.5	22948.7	22606.7	21281.2	19949.6	18624.1	17292.5
75°	11013.2	11807.3	12607.5	12601.3	12601.3	12528.0	12186.0	11428.6	10671.1	9913.7	9156.3
77.5°	3280.1	3628.3	3976.5	4312.4	4654.5	4911.0	4843.9	4446.8	4043.7	3646.6	3243.5
80°	904.0	995.6	1093.4	1136.1	1178.9	1233.9	1374.4	1276.6	1178.9	1087.3	989.5
82.5°	232.1	232.1	232.1	226.0	219.9	207.7	189.4	177.1	164.9	152.7	140.5
85°	36.6	30.5	30.5	30.5	24.4	24.4	24.4	24.4	18.3	18.3	12.2
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	61.1	61.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	48.9
5°	73.3	73.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	61.1
7.5°	91.6	91.6	85.5	85.5	85.5	85.5	79.4	79.4	79.4	79.4	73.3
10°	116.1	109.9	109.9	103.8	103.8	103.8	97.7	97.7	97.7	91.6	91.6
12.5°	146.6	140.5	140.5	134.4	128.3	128.3	122.2	116.1	109.9	109.9	103.8
15°	195.5	189.4	183.2	177.1	171.0	158.8	152.7	140.5	134.4	128.3	122.2
17.5°	372.6	342.1	311.5	281.0	256.5	232.1	207.7	183.2	171.0	158.8	146.6
20°	1038.4	897.9	763.5	629.2	543.6	458.1	372.6	287.1	250.4	219.9	183.2
22.5°	2247.8	1966.9	1692.0	1411.0	1185.0	965.1	739.1	513.1	427.6	348.2	262.7
25°	4178.1	3640.5	3109.1	2571.6	2144.0	1716.4	1288.8	861.3	702.5	543.6	384.8
27.5°	6199.9	5503.5	4807.2	4110.9	3432.8	2748.7	2064.6	1386.6	1111.7	842.9	568.1
30°	7757.5	7018.4	6285.4	5546.3	4691.1	3836.0	2974.7	2119.6	1685.9	1252.2	812.4
32.5°	9095.2	8295.0	7500.9	6700.8	5711.2	4721.7	3732.1	2742.6	2199.0	1655.3	1105.6
35°	10420.7	9510.6	8606.5	7696.4	6633.6	5570.7	4507.9	3445.1	2754.8	2064.6	1368.3
37.5°	12033.3	10921.6	9816.0	8710.4	7617.0	6529.7	5436.4	4343.0	3463.4	2589.9	1710.3
40°	14843.1	13426.0	12015.0	10597.8	9321.2	8050.7	6774.1	5497.4	4391.8	3286.2	2174.5
42.5°	20206.1	18428.6	16657.2	14879.7	13114.4	11349.2	9577.8	7812.5	6236.5	4666.7	3090.8
45°	27688.8	25410.4	23138.1	20859.7	18685.2	16516.7	14342.2	12167.7	9773.2	7378.8	4978.2
47.5°	33766.5	31268.2	28776.0	26277.7	23865.0	21458.3	19045.6	16632.8	13566.5	10506.2	7439.9
50°	36509.1	34126.9	31750.7	29368.5	26949.7	24524.7	22099.7	19680.8	16162.5	12650.2	9131.9
52.5°	37431.4	35012.6	32599.8	30180.9	27780.4	25379.8	22979.3	20578.7	16919.9	13267.1	9608.3
55°	37938.4	35385.2	32838.0	30284.8	27701.0	25111.1	22521.2	19937.4	16296.8	12662.4	9021.9
57.5°	38964.6	36185.3	33412.2	30632.9	27688.8	24744.6	21794.3	18850.1	15258.4	11666.8	8075.1
60°	39154.0	36417.5	33687.1	30956.7	27701.0	24445.3	21183.5	17927.8	14360.5	10799.4	7232.2
62.5°	36460.2	34175.7	31897.3	29612.9	26351.0	23089.2	19821.3	16559.5	13145.0	9730.5	6309.8
65°	30834.5	28861.5	26894.7	24921.7	22258.5	19601.4	16938.2	14275.0	11227.0	8185.1	5137.0
67.5°	24701.8	22771.6	20847.5	18917.3	16913.8	14916.4	12912.9	10909.4	8557.7	6206.0	3854.3
70°	19583.1	17726.2	15875.4	14018.5	12247.1	10469.6	8692.1	6920.7	5460.8	4007.0	2547.1
72.5°	15521.1	13743.6	11972.2	10194.7	8588.2	6981.7	5375.3	3768.8	3041.9	2321.1	1594.3
75°	8233.9	7311.6	6395.4	5473.0	4569.0	3658.8	2748.7	1844.7	1557.6	1270.5	977.3
77.5°	2840.3	2437.2	2040.2	1637.0	1362.1	1087.3	812.4	537.5	507.0	482.6	452.0
80°	861.3	733.0	604.7	476.4	421.5	366.5	311.5	256.5	238.2	219.9	195.5
82.5°	134.4	122.2	116.1	103.8	97.7	97.7	91.6	85.5	73.3	67.2	55.0
85°	12.2	6.1	6.1	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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: P1067740

CATALOG NUMBER: NAV-SA4D-735-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	55.0	55.0
2.5°	48.9	48.9
5°	61.1	61.1
7.5°	73.3	73.3
10°	85.5	85.5
12.5°	97.7	97.7
15°	116.1	109.9
17.5°	134.4	128.3
20°	146.6	134.4
22.5°	177.1	152.7
25°	226.0	189.4
27.5°	293.2	232.1
30°	378.7	293.2
32.5°	562.0	409.3
35°	678.0	494.8
37.5°	830.7	574.2
40°	1068.9	696.3
42.5°	1514.8	946.8
45°	2583.8	1569.8
47.5°	4379.6	2675.4
50°	5613.5	3432.8
52.5°	5955.6	3640.5
55°	5387.5	3341.2
57.5°	4483.5	2840.3
60°	3671.1	2339.5
62.5°	2895.3	1850.8
65°	2089.0	1398.8
67.5°	1502.6	1075.1
70°	1093.4	842.9
72.5°	867.4	702.5
75°	690.2	586.4
77.5°	427.6	390.9
80°	177.1	164.9
82.5°	42.8	36.6
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: P1067740

CATALOG NUMBER: NAV-SA4D-735-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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

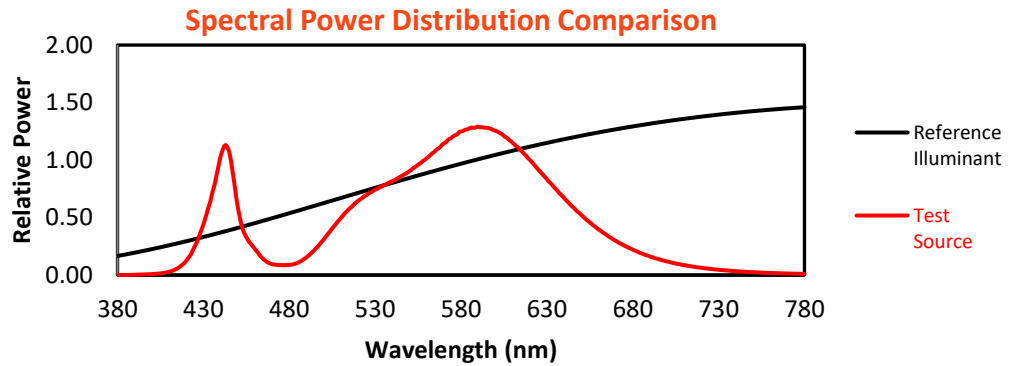
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

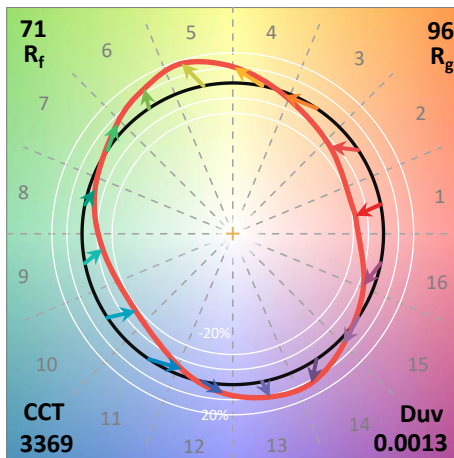
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)