

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: P1067859

Luminaire Tested: **NAV-SA4C-835-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067859
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4C-835-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16640.4 lumens
Efficiency: N/A
Efficacy: 87.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

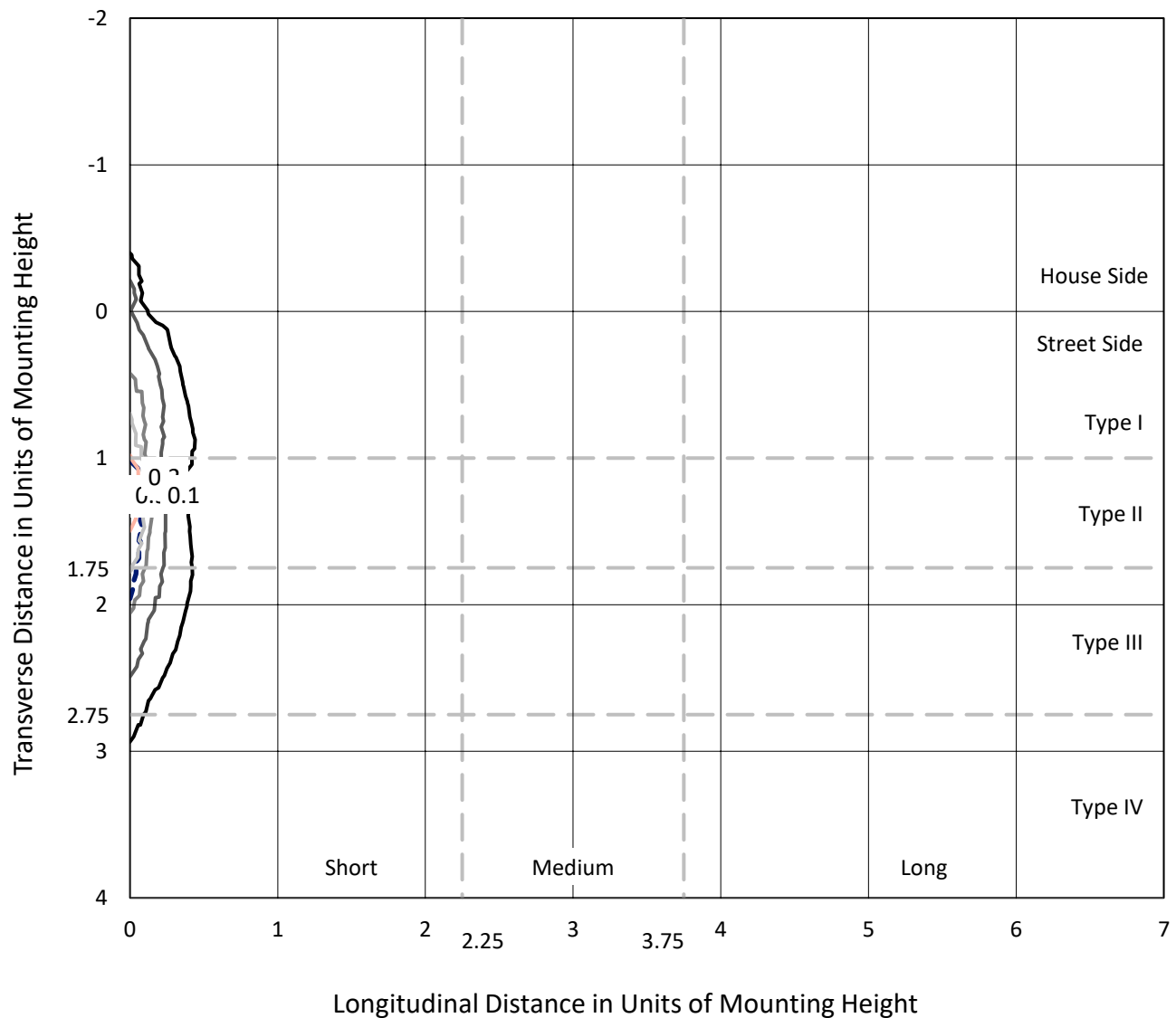


REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

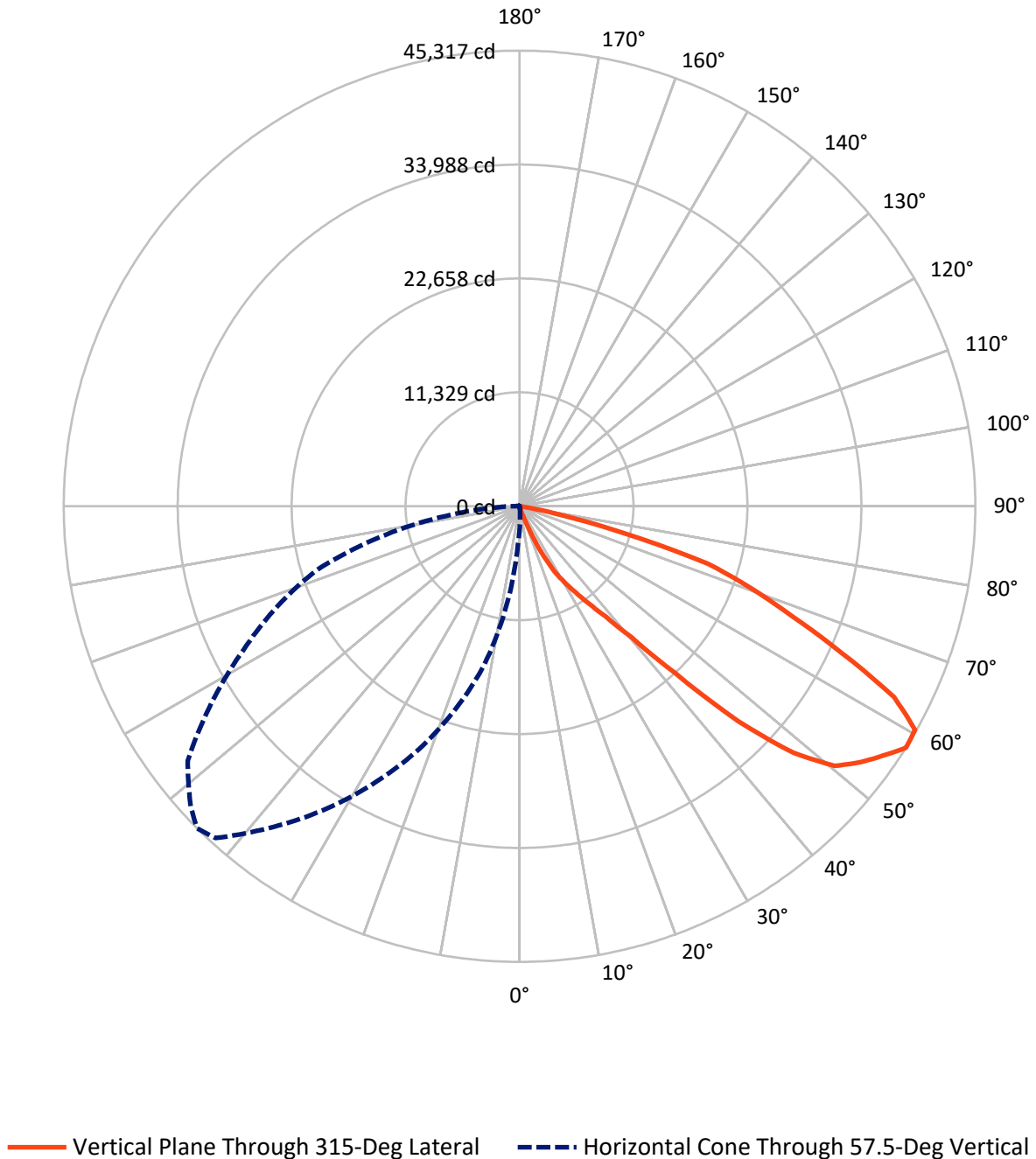


Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

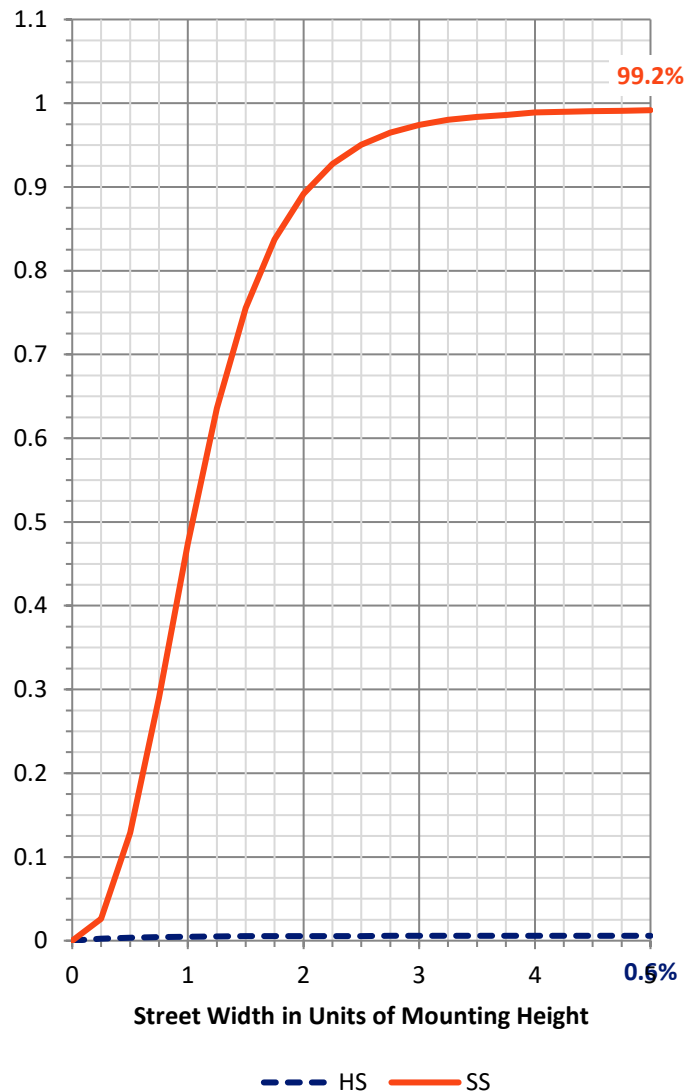
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.0	0.0	99.0
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	16541.4	0.0	16541.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	16640.4	0.0	16640.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.0
10°-20°	24.4	0.1
20°-30°	310.6	1.9
30°-40°	1046.7	6.3
40°-50°	3161.2	19.0
50°-60°	5577.3	33.5
60°-70°	4913.6	29.5
70°-80°	1564.1	9.4
80°-90°	37.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16640.4	100.0
0°-180°	16640.4	100.0



REPORT NUMBER: P1067859

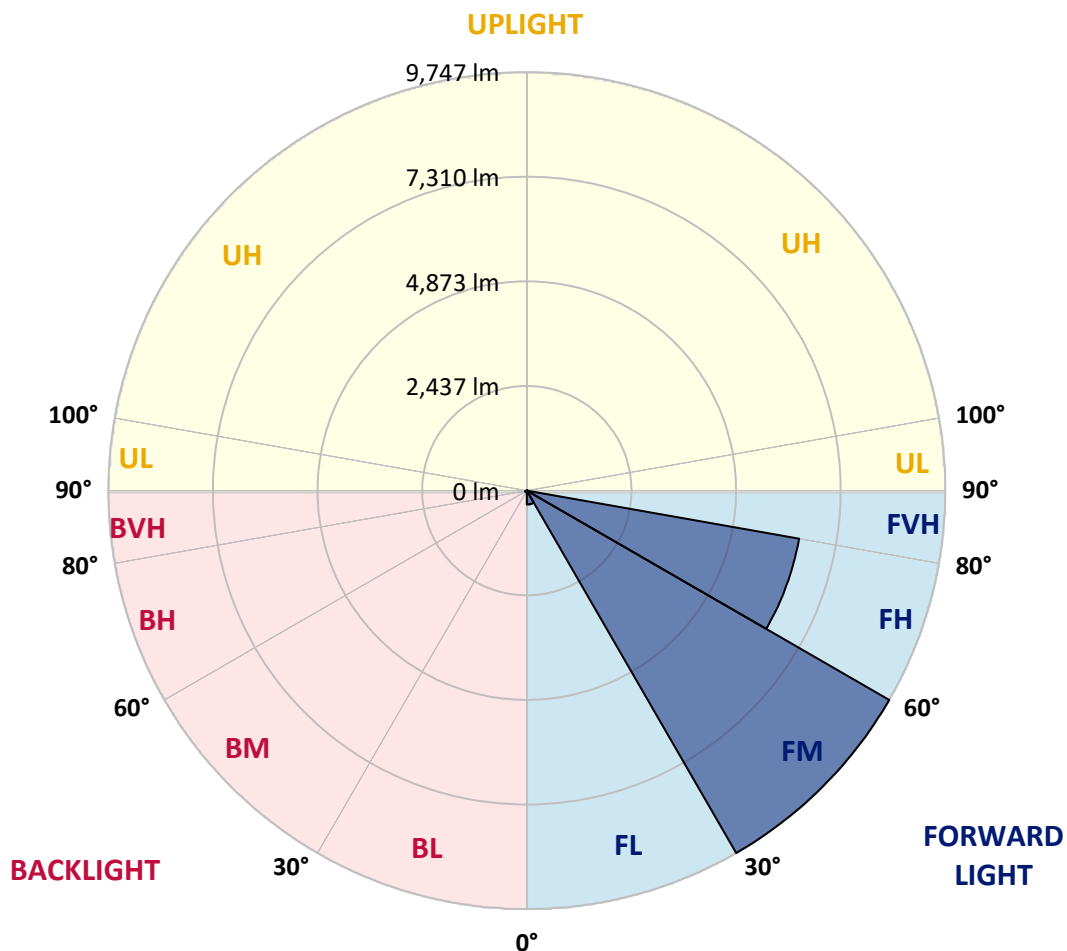
CATALOG NUMBER: NAV-SA4C-835-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	325.1	2.0			
FM	(30°-60°)	9746.8	58.6			
FH	(60°-80°)	6438.9	38.7			G3/7500
FVH	(80°-90°)	30.6	0.2			G1/100
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	38.4	0.2	B0/220		
BH	(60°-80°)	38.8	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	36.5
5°	52.2	52.2	52.2	47.0	47.0	47.0	41.7	41.7	41.7	41.7	41.7
7.5°	62.6	57.4	57.4	52.2	52.2	52.2	47.0	47.0	47.0	47.0	41.7
10°	73.1	67.8	67.8	62.6	62.6	57.4	57.4	52.2	52.2	47.0	47.0
12.5°	83.5	78.3	73.1	67.8	67.8	62.6	62.6	57.4	57.4	52.2	52.2
15°	93.9	88.7	83.5	78.3	73.1	73.1	67.8	62.6	57.4	57.4	52.2
17.5°	109.6	99.1	93.9	83.5	78.3	73.1	67.8	62.6	62.6	57.4	57.4
20°	114.8	104.4	99.1	88.7	83.5	78.3	73.1	67.8	62.6	62.6	57.4
22.5°	135.7	114.8	109.6	99.1	93.9	88.7	78.3	73.1	67.8	62.6	57.4
25°	167.0	135.7	120.0	104.4	99.1	88.7	83.5	73.1	67.8	62.6	57.4
27.5°	203.5	151.3	135.7	114.8	104.4	93.9	83.5	73.1	67.8	62.6	57.4
30°	250.5	177.4	151.3	125.2	114.8	104.4	88.7	78.3	73.1	67.8	57.4
32.5°	349.6	219.2	177.4	135.7	120.0	109.6	93.9	78.3	73.1	67.8	57.4
35°	422.7	266.1	214.0	156.6	135.7	120.0	99.1	78.3	73.1	67.8	57.4
37.5°	490.5	271.4	219.2	167.0	146.1	125.2	99.1	78.3	73.1	67.8	57.4
40°	600.1	281.8	219.2	156.6	140.9	120.0	104.4	83.5	78.3	67.8	62.6
42.5°	808.9	323.5	234.8	146.1	130.5	120.0	104.4	88.7	78.3	73.1	62.6
45°	1346.4	480.1	318.3	151.3	135.7	120.0	104.4	88.7	83.5	73.1	67.8
47.5°	2290.9	834.9	495.7	156.6	140.9	120.0	104.4	83.5	78.3	73.1	62.6
50°	2932.7	1069.8	626.2	182.6	156.6	135.7	109.6	83.5	78.3	73.1	67.8
52.5°	3115.4	1137.6	678.4	214.0	182.6	151.3	114.8	83.5	78.3	78.3	73.1
55°	2854.5	1106.3	678.4	250.5	208.7	172.2	130.5	88.7	83.5	83.5	78.3
57.5°	2426.6	1022.8	647.1	271.4	229.6	182.6	140.9	93.9	88.7	88.7	83.5
60°	1998.7	861.0	584.5	302.7	255.7	208.7	161.8	114.8	109.6	104.4	93.9
62.5°	1586.4	694.0	511.4	323.5	276.6	224.4	177.4	125.2	120.0	114.8	109.6
65°	1195.0	605.3	474.9	339.2	287.0	234.8	182.6	130.5	125.2	125.2	120.0
67.5°	918.4	553.2	454.0	349.6	297.4	245.3	193.1	140.9	135.7	130.5	125.2
70°	725.4	511.4	427.9	344.4	297.4	250.5	198.3	151.3	140.9	135.7	125.2
72.5°	605.3	464.4	396.6	328.8	292.2	255.7	219.2	182.6	161.8	146.1	125.2
75°	506.2	417.5	360.1	297.4	271.4	250.5	224.4	198.3	172.2	146.1	120.0
77.5°	334.0	302.7	276.6	250.5	234.8	219.2	198.3	182.6	156.6	135.7	109.6
80°	140.9	130.5	135.7	135.7	135.7	135.7	130.5	130.5	114.8	99.1	78.3
82.5°	31.3	26.1	31.3	31.3	31.3	31.3	26.1	26.1	26.1	20.9	20.9
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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
5°	41.7	41.7	41.7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
7.5°	41.7	41.7	41.7	36.5	36.5	36.5	36.5	31.3	31.3	31.3	31.3
10°	41.7	41.7	41.7	36.5	36.5	36.5	36.5	31.3	31.3	31.3	31.3
12.5°	47.0	47.0	41.7	41.7	36.5	36.5	36.5	31.3	31.3	31.3	31.3
15°	47.0	47.0	41.7	41.7	36.5	36.5	36.5	31.3	31.3	31.3	31.3
17.5°	52.2	47.0	47.0	41.7	36.5	36.5	36.5	31.3	31.3	31.3	31.3
20°	52.2	47.0	47.0	41.7	36.5	36.5	36.5	31.3	31.3	31.3	31.3
22.5°	52.2	47.0	47.0	41.7	36.5	36.5	31.3	31.3	26.1	26.1	20.9
25°	52.2	47.0	47.0	41.7	36.5	36.5	31.3	31.3	26.1	20.9	20.9
27.5°	52.2	47.0	47.0	41.7	36.5	31.3	31.3	26.1	20.9	15.7	15.7
30°	52.2	47.0	47.0	41.7	36.5	31.3	26.1	20.9	15.7	15.7	10.4
32.5°	52.2	47.0	41.7	36.5	31.3	26.1	26.1	20.9	15.7	10.4	10.4
35°	52.2	47.0	41.7	36.5	31.3	26.1	26.1	20.9	15.7	10.4	10.4
37.5°	52.2	47.0	41.7	36.5	31.3	26.1	20.9	15.7	10.4	10.4	5.2
40°	52.2	47.0	41.7	36.5	31.3	26.1	20.9	15.7	10.4	10.4	5.2
42.5°	52.2	47.0	41.7	36.5	31.3	26.1	20.9	15.7	10.4	10.4	5.2
45°	57.4	52.2	47.0	36.5	31.3	26.1	26.1	20.9	15.7	10.4	10.4
47.5°	57.4	52.2	47.0	36.5	31.3	26.1	26.1	20.9	15.7	10.4	10.4
50°	62.6	57.4	52.2	41.7	36.5	31.3	26.1	15.7	10.4	10.4	5.2
52.5°	67.8	62.6	57.4	52.2	47.0	36.5	26.1	15.7	5.2	5.2	5.2
55°	73.1	67.8	67.8	62.6	57.4	41.7	31.3	15.7	0.0	0.0	0.0
57.5°	78.3	73.1	73.1	67.8	62.6	47.0	31.3	15.7	0.0	0.0	0.0
60°	88.7	83.5	78.3	67.8	62.6	47.0	31.3	15.7	0.0	0.0	0.0
62.5°	104.4	93.9	78.3	67.8	52.2	41.7	26.1	15.7	0.0	0.0	0.0
65°	114.8	99.1	83.5	62.6	47.0	36.5	26.1	10.4	0.0	0.0	0.0
67.5°	120.0	99.1	83.5	62.6	41.7	31.3	20.9	10.4	0.0	0.0	0.0
70°	114.8	93.9	78.3	57.4	36.5	26.1	20.9	10.4	0.0	0.0	0.0
72.5°	104.4	88.7	67.8	52.2	31.3	26.1	15.7	10.4	0.0	0.0	0.0
75°	93.9	78.3	57.4	41.7	20.9	15.7	10.4	5.2	0.0	0.0	0.0
77.5°	83.5	67.8	47.0	31.3	10.4	10.4	5.2	5.2	0.0	0.0	0.0
80°	62.6	47.0	31.3	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.7	10.4	10.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
5°	31.3	31.3	31.3	31.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1
7.5°	31.3	31.3	31.3	31.3	26.1	26.1	26.1	26.1	20.9	20.9	20.9
10°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	20.9	20.9	20.9
12.5°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	20.9	20.9	20.9
15°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	20.9	20.9	15.7	15.7
17.5°	26.1	26.1	26.1	26.1	20.9	20.9	20.9	15.7	15.7	10.4	10.4
20°	26.1	26.1	26.1	20.9	20.9	15.7	15.7	10.4	10.4	5.2	5.2
22.5°	20.9	15.7	15.7	10.4	10.4	5.2	5.2	5.2	0.0	0.0	0.0
25°	15.7	10.4	10.4	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	10.4	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	10.4	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	31.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
5°	26.1	26.1	26.1	26.1	20.9	20.9	20.9	20.9	20.9	20.9	20.9
7.5°	20.9	20.9	20.9	20.9	20.9	20.9	15.7	15.7	15.7	15.7	15.7
10°	20.9	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	10.4	10.4
12.5°	20.9	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4	5.2	5.2
15°	15.7	10.4	10.4	10.4	5.2	5.2	5.2	5.2	5.2	0.0	0.0
17.5°	10.4	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	31.3	31.3
5°	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
7.5°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
10°	10.4	10.4	10.4	10.4	10.4	10.4	5.2	5.2	5.2	5.2	5.2
12.5°	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	31.3	31.3	31.3	31.3	31.3	36.5	36.5	41.7	41.7	47.0	47.0
5°	20.9	20.9	26.1	26.1	26.1	26.1	31.3	31.3	31.3	36.5	36.5
7.5°	15.7	15.7	15.7	15.7	15.7	20.9	20.9	26.1	26.1	31.3	31.3
10°	5.2	5.2	10.4	10.4	10.4	10.4	15.7	15.7	15.7	20.9	26.1
12.5°	0.0	0.0	5.2	5.2	5.2	5.2	10.4	10.4	10.4	15.7	20.9
15°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	10.4	15.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	10.4
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	52.2	52.2	57.4	57.4	62.6	62.6	67.8	67.8	67.8	67.8	67.8
5°	41.7	41.7	47.0	52.2	52.2	57.4	62.6	62.6	62.6	62.6	62.6
7.5°	36.5	36.5	41.7	47.0	47.0	52.2	57.4	57.4	62.6	62.6	62.6
10°	26.1	31.3	36.5	41.7	41.7	47.0	52.2	52.2	57.4	57.4	57.4
12.5°	20.9	26.1	31.3	36.5	36.5	41.7	47.0	47.0	52.2	52.2	57.4
15°	15.7	20.9	26.1	31.3	31.3	36.5	41.7	41.7	47.0	52.2	57.4
17.5°	10.4	15.7	20.9	26.1	26.1	31.3	36.5	41.7	47.0	47.0	52.2
20°	10.4	10.4	15.7	20.9	20.9	26.1	31.3	36.5	41.7	41.7	47.0
22.5°	5.2	5.2	10.4	15.7	15.7	20.9	26.1	31.3	36.5	36.5	41.7
25°	0.0	0.0	5.2	10.4	10.4	15.7	20.9	20.9	26.1	26.1	31.3
27.5°	0.0	0.0	5.2	5.2	10.4	10.4	15.7	15.7	20.9	20.9	26.1
30°	0.0	0.0	5.2	5.2	10.4	10.4	15.7	15.7	20.9	20.9	20.9
32.5°	0.0	0.0	0.0	5.2	5.2	5.2	10.4	10.4	15.7	15.7	20.9
35°	0.0	0.0	0.0	5.2	5.2	5.2	10.4	10.4	15.7	15.7	15.7
37.5°	0.0	0.0	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.7
40°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
45°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
50°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
55°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	10.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2
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: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	67.8	67.8
5°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	62.6	62.6
7.5°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	62.6	62.6
10°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
12.5°	57.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
15°	57.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
17.5°	52.2	57.4	57.4	57.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6
20°	47.0	52.2	52.2	52.2	57.4	57.4	57.4	57.4	62.6	62.6	62.6
22.5°	41.7	47.0	47.0	47.0	52.2	52.2	52.2	52.2	57.4	57.4	57.4
25°	36.5	36.5	41.7	41.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0
27.5°	26.1	31.3	31.3	31.3	36.5	36.5	36.5	36.5	41.7	41.7	41.7
30°	26.1	26.1	26.1	26.1	31.3	31.3	31.3	31.3	36.5	36.5	36.5
32.5°	20.9	26.1	26.1	26.1	31.3	31.3	31.3	31.3	36.5	36.5	36.5
35°	20.9	20.9	20.9	20.9	26.1	26.1	26.1	26.1	31.3	31.3	31.3
37.5°	15.7	20.9	20.9	20.9	26.1	26.1	26.1	26.1	31.3	31.3	31.3
40°	15.7	15.7	15.7	15.7	20.9	20.9	20.9	20.9	26.1	26.1	26.1
42.5°	15.7	15.7	15.7	15.7	20.9	20.9	20.9	20.9	26.1	26.1	26.1
45°	15.7	15.7	15.7	15.7	20.9	20.9	20.9	20.9	26.1	26.1	26.1
47.5°	15.7	15.7	15.7	15.7	20.9	20.9	20.9	20.9	26.1	26.1	26.1
50°	15.7	15.7	15.7	15.7	20.9	20.9	20.9	20.9	26.1	26.1	26.1
52.5°	10.4	10.4	10.4	10.4	15.7	15.7	15.7	15.7	20.9	20.9	20.9
55°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	15.7	15.7	15.7
57.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	15.7	15.7	15.7
60°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
62.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
65°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	5.2	5.2
67.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
70°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
72.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
75°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
77.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
80°	15.7	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4	10.4
82.5°	10.4	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4	10.4
85°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
87.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	67.8	67.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	67.8	67.8
5°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	67.8	67.8
7.5°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	67.8	67.8
10°	62.6	62.6	62.6	62.6	57.4	57.4	62.6	62.6	62.6	67.8	67.8
12.5°	62.6	62.6	62.6	62.6	57.4	57.4	62.6	62.6	67.8	67.8	73.1
15°	62.6	62.6	57.4	57.4	57.4	57.4	62.6	62.6	67.8	67.8	73.1
17.5°	62.6	62.6	57.4	57.4	57.4	57.4	62.6	62.6	67.8	67.8	73.1
20°	62.6	62.6	57.4	57.4	57.4	57.4	57.4	57.4	62.6	67.8	67.8
22.5°	57.4	57.4	57.4	57.4	52.2	52.2	57.4	57.4	62.6	67.8	67.8
25°	47.0	52.2	52.2	52.2	52.2	52.2	57.4	57.4	62.6	67.8	67.8
27.5°	41.7	47.0	47.0	47.0	47.0	52.2	52.2	57.4	62.6	67.8	67.8
30°	36.5	41.7	41.7	41.7	47.0	52.2	52.2	57.4	62.6	67.8	67.8
32.5°	36.5	41.7	41.7	41.7	47.0	47.0	52.2	52.2	57.4	62.6	67.8
35°	36.5	36.5	41.7	41.7	41.7	47.0	47.0	52.2	57.4	62.6	67.8
37.5°	36.5	36.5	41.7	41.7	41.7	47.0	47.0	52.2	57.4	62.6	67.8
40°	31.3	36.5	36.5	41.7	41.7	47.0	47.0	52.2	57.4	67.8	73.1
42.5°	31.3	31.3	36.5	36.5	41.7	47.0	47.0	52.2	57.4	67.8	73.1
45°	31.3	36.5	36.5	41.7	47.0	52.2	52.2	57.4	62.6	67.8	73.1
47.5°	31.3	36.5	36.5	41.7	52.2	52.2	57.4	57.4	62.6	67.8	73.1
50°	31.3	36.5	36.5	41.7	57.4	57.4	57.4	57.4	62.6	67.8	73.1
52.5°	26.1	31.3	31.3	36.5	47.0	52.2	57.4	62.6	67.8	73.1	78.3
55°	20.9	26.1	26.1	31.3	41.7	47.0	57.4	67.8	73.1	78.3	83.5
57.5°	20.9	20.9	26.1	26.1	36.5	47.0	62.6	73.1	78.3	83.5	88.7
60°	15.7	15.7	20.9	20.9	31.3	41.7	57.4	73.1	78.3	88.7	93.9
62.5°	10.4	15.7	15.7	20.9	26.1	41.7	57.4	73.1	83.5	93.9	99.1
65°	10.4	10.4	15.7	15.7	26.1	36.5	52.2	62.6	78.3	93.9	109.6
67.5°	15.7	15.7	20.9	20.9	26.1	36.5	52.2	62.6	78.3	99.1	114.8
70°	15.7	15.7	20.9	20.9	31.3	41.7	52.2	62.6	78.3	99.1	114.8
72.5°	15.7	15.7	20.9	20.9	31.3	36.5	47.0	57.4	73.1	88.7	104.4
75°	10.4	15.7	15.7	15.7	26.1	31.3	41.7	52.2	67.8	83.5	99.1
77.5°	10.4	10.4	10.4	10.4	20.9	26.1	36.5	41.7	57.4	73.1	88.7
80°	10.4	10.4	10.4	10.4	15.7	20.9	31.3	36.5	52.2	67.8	83.5
82.5°	10.4	10.4	5.2	5.2	10.4	15.7	20.9	26.1	41.7	52.2	67.8
85°	10.4	10.4	5.2	5.2	5.2	10.4	10.4	15.7	20.9	26.1	31.3
87.5°	10.4	10.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
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: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	67.8	67.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
5°	67.8	73.1	73.1	78.3	78.3	78.3	83.5	83.5	83.5	83.5	83.5
7.5°	67.8	73.1	73.1	78.3	78.3	78.3	83.5	83.5	83.5	88.7	88.7
10°	67.8	73.1	73.1	78.3	78.3	83.5	88.7	88.7	93.9	93.9	93.9
12.5°	73.1	78.3	78.3	83.5	83.5	88.7	93.9	93.9	99.1	104.4	104.4
15°	73.1	78.3	83.5	83.5	88.7	93.9	99.1	99.1	104.4	109.6	114.8
17.5°	73.1	78.3	83.5	83.5	88.7	93.9	104.4	109.6	114.8	125.2	130.5
20°	73.1	78.3	83.5	83.5	88.7	99.1	104.4	114.8	120.0	130.5	140.9
22.5°	73.1	78.3	83.5	88.7	93.9	104.4	114.8	120.0	130.5	146.1	156.6
25°	73.1	78.3	83.5	88.7	93.9	104.4	114.8	125.2	135.7	156.6	177.4
27.5°	73.1	78.3	88.7	93.9	99.1	109.6	125.2	135.7	146.1	182.6	219.2
30°	73.1	78.3	88.7	93.9	99.1	114.8	130.5	140.9	156.6	219.2	276.6
32.5°	73.1	83.5	88.7	99.1	104.4	120.0	140.9	156.6	172.2	260.9	344.4
35°	73.1	83.5	88.7	99.1	104.4	125.2	146.1	167.0	187.9	318.3	448.8
37.5°	73.1	83.5	88.7	99.1	104.4	135.7	167.0	198.3	229.6	365.3	501.0
40°	78.3	88.7	93.9	104.4	109.6	140.9	172.2	203.5	234.8	370.5	506.2
42.5°	78.3	88.7	93.9	104.4	109.6	135.7	167.0	193.1	219.2	370.5	521.8
45°	78.3	88.7	99.1	104.4	114.8	140.9	167.0	187.9	214.0	407.0	594.9
47.5°	78.3	88.7	99.1	104.4	114.8	140.9	167.0	193.1	219.2	537.5	850.6
50°	78.3	88.7	99.1	104.4	114.8	146.1	177.4	208.7	240.0	803.6	1367.2
52.5°	83.5	88.7	99.1	104.4	109.6	146.1	182.6	219.2	255.7	1043.7	1826.4
55°	88.7	93.9	99.1	104.4	109.6	156.6	203.5	250.5	297.4	1122.0	1941.3
57.5°	93.9	99.1	104.4	104.4	109.6	167.0	229.6	287.0	344.4	1116.7	1883.8
60°	99.1	104.4	109.6	114.8	120.0	177.4	240.0	297.4	354.9	1012.4	1669.9
62.5°	109.6	120.0	130.5	135.7	146.1	203.5	255.7	313.1	365.3	829.7	1288.9
65°	125.2	135.7	140.9	151.3	156.6	208.7	266.1	318.3	370.5	688.8	1001.9
67.5°	130.5	140.9	146.1	156.6	161.8	214.0	266.1	318.3	370.5	584.5	793.2
70°	130.5	140.9	151.3	156.6	167.0	219.2	266.1	318.3	365.3	506.2	647.1
72.5°	120.0	135.7	146.1	161.8	172.2	219.2	260.9	307.9	349.6	448.8	547.9
75°	114.8	135.7	151.3	172.2	187.9	219.2	255.7	287.0	318.3	391.4	464.4
77.5°	104.4	130.5	156.6	182.6	208.7	229.6	245.3	266.1	281.8	328.8	375.7
80°	99.1	125.2	151.3	177.4	203.5	214.0	219.2	229.6	234.8	240.0	245.3
82.5°	78.3	99.1	120.0	135.7	156.6	146.1	140.9	130.5	120.0	114.8	109.6
85°	36.5	41.7	41.7	47.0	47.0	47.0	41.7	41.7	36.5	31.3	26.1
87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
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: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	73.1	73.1	73.1	73.1	67.8	67.8	67.8	67.8	62.6	62.6	62.6
5°	83.5	83.5	83.5	83.5	78.3	78.3	78.3	78.3	73.1	73.1	73.1
7.5°	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
10°	99.1	99.1	99.1	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4
12.5°	109.6	109.6	114.8	114.8	120.0	120.0	125.2	125.2	130.5	130.5	130.5
15°	120.0	125.2	130.5	135.7	135.7	140.9	146.1	151.3	156.6	161.8	167.0
17.5°	140.9	146.1	156.6	167.0	177.4	187.9	203.5	224.4	240.0	255.7	276.6
20°	156.6	172.2	203.5	240.0	271.4	302.7	380.9	459.2	537.5	615.8	694.0
22.5°	187.9	219.2	323.5	433.1	537.5	641.9	887.1	1132.4	1372.4	1617.7	1836.9
25°	250.5	318.3	558.4	798.4	1033.2	1273.3	1711.6	2155.2	2593.6	3031.9	3438.9
27.5°	344.4	469.7	861.0	1257.6	1649.0	2040.4	2677.0	3318.9	3955.6	4597.4	5166.2
30°	480.1	683.6	1268.1	1857.8	2442.2	3026.7	3830.3	4639.2	5442.8	6246.4	6768.3
32.5°	652.3	955.0	1696.0	2437.0	3178.0	3919.0	4806.2	5693.3	6575.2	7462.3	8015.5
35°	834.9	1221.1	2113.5	3011.0	3903.4	4800.9	5735.0	6669.1	7603.2	8537.3	9215.7
37.5°	939.3	1377.7	2437.0	3496.3	4550.5	5609.8	6632.6	7660.6	8683.4	9706.3	10530.8
40°	1038.5	1565.5	2786.6	4007.7	5228.9	6450.0	7645.0	8840.0	10035.0	11230.0	12289.4
42.5°	1184.6	1847.3	3271.9	4696.6	6116.0	7540.6	9111.4	10687.3	12258.1	13828.8	15456.9
45°	1487.2	2379.6	4226.9	6074.2	7916.3	9763.7	11991.9	14225.4	16453.7	18687.1	20774.5
47.5°	2217.8	3579.8	6100.3	8620.8	11141.3	13661.8	16229.3	18796.7	21364.2	23931.7	26415.6
50°	3433.7	5495.0	8646.9	11798.8	14945.5	18097.5	20659.7	23221.9	25779.0	28341.2	30809.5
52.5°	4576.6	7326.7	10713.4	14105.4	17492.1	20884.1	23154.1	25424.1	27694.1	29964.1	32354.2
55°	4967.9	7989.4	11417.9	14851.6	18280.1	21713.8	23900.3	26092.1	28278.6	30465.1	32943.9
57.5°	4623.5	7363.2	10817.8	14272.4	17721.7	21176.3	23618.5	26066.0	28508.2	30955.6	33611.8
60°	3872.1	6069.0	9695.8	13327.8	16954.6	20581.4	23336.8	26092.1	28847.4	31602.7	34253.7
62.5°	3068.4	4842.7	8683.4	12524.2	16365.0	20205.7	23008.0	25815.5	28617.8	31420.1	33455.3
65°	2353.5	3705.1	7483.2	11266.6	15044.7	18828.0	21124.1	23425.5	25721.6	28022.9	29431.9
67.5°	1748.2	2703.1	6006.4	9314.9	12618.1	15921.4	17612.2	19308.1	20998.9	22694.9	23790.8
70°	1288.9	1925.6	4174.7	6423.9	8667.8	10916.9	12466.8	14016.7	15561.3	17111.2	18248.8
72.5°	892.3	1231.5	2577.9	3929.5	5275.8	6622.2	8192.9	9763.7	11329.2	12899.9	14194.1
75°	610.6	756.7	1388.1	2019.5	2651.0	3282.4	4472.2	5662.0	6851.8	8041.6	8725.2
77.5°	454.0	532.3	720.1	913.2	1101.1	1288.9	1518.6	1748.2	1977.8	2207.4	2504.8
80°	250.5	250.5	276.6	297.4	323.5	344.4	407.0	474.9	537.5	605.3	688.8
82.5°	114.8	120.0	130.5	140.9	146.1	156.6	167.0	177.4	187.9	198.3	198.3
85°	31.3	36.5	36.5	31.3	31.3	26.1	26.1	31.3	31.3	31.3	31.3
87.5°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	62.6	57.4	57.4	57.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2
5°	73.1	73.1	73.1	73.1	67.8	67.8	67.8	67.8	67.8	62.6	62.6
7.5°	88.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	78.3	78.3
10°	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	99.1	99.1
12.5°	130.5	130.5	130.5	130.5	135.7	135.7	130.5	130.5	130.5	125.2	125.2
15°	172.2	177.4	182.6	182.6	187.9	187.9	187.9	182.6	182.6	177.4	172.2
17.5°	292.2	307.9	328.8	349.6	370.5	386.2	386.2	375.7	365.3	354.9	344.4
20°	777.5	855.8	939.3	1022.8	1111.5	1174.1	1132.4	1101.1	1069.8	1033.2	1001.9
22.5°	2061.3	2280.4	2504.8	2661.4	2817.9	2927.5	2838.8	2666.6	2494.4	2327.4	2155.2
25°	3846.0	4247.8	4654.8	4821.8	4994.0	5119.3	5061.9	4800.9	4540.0	4284.3	4023.4
27.5°	5735.0	6298.6	6867.4	7013.6	7159.7	7269.3	7248.4	6909.2	6570.0	6230.8	5891.6
30°	7290.1	7812.0	8333.8	8479.9	8626.0	8725.2	8615.6	8276.4	7937.2	7598.0	7258.8
32.5°	8573.9	9127.0	9685.4	9878.5	10071.5	10202.0	10071.5	9664.5	9257.5	8855.7	8448.6
35°	9894.1	10567.3	11245.7	11491.0	11736.2	11892.8	11673.6	11172.6	10671.7	10175.9	9674.9
37.5°	11355.3	12174.6	12999.1	13333.1	13672.2	13907.1	13740.1	13113.9	12482.4	11856.2	11224.8
40°	13353.9	14413.3	15477.8	16077.9	16672.8	17095.5	16798.1	16072.7	15342.1	14616.8	13886.2
42.5°	17090.3	18718.5	20346.6	21207.6	22063.5	22684.5	22350.5	21458.1	20565.8	19673.4	18781.1
45°	22861.9	24944.0	27031.4	28289.0	29551.9	30480.8	30094.6	28972.6	27845.5	26723.5	25601.5
47.5°	28899.6	31383.6	33867.5	34869.5	35876.6	36659.4	36565.4	35166.9	33768.4	32375.0	30976.5
50°	33283.1	35751.4	38219.7	39080.7	39947.0	40588.8	40348.8	38569.3	36784.6	35005.1	33220.4
52.5°	34744.2	37129.0	39519.1	40547.1	41575.1	42342.2	42050.0	40046.1	38042.2	36043.6	34039.7
55°	35422.6	37901.4	40380.1	41632.5	42890.2	43808.6	43385.9	41189.0	38986.8	36789.8	34587.7
57.5°	36268.0	38924.2	41580.3	42952.8	44325.2	45316.7	44753.1	42477.9	40202.7	37932.7	35657.4
60°	36904.6	39550.4	42201.3	43302.4	44408.7	45181.0	44638.3	42425.7	40207.9	37995.3	35782.7
62.5°	35495.7	37530.8	39566.0	40385.3	41204.6	41799.5	41491.6	39393.8	37296.0	35198.2	33100.4
65°	30846.1	32255.0	33669.2	34222.4	34770.3	35193.0	35099.1	33330.0	31561.0	29797.2	28028.1
67.5°	24891.8	25987.7	27088.8	27871.6	28659.5	29270.1	29202.3	27589.8	25977.3	24364.8	22752.3
70°	19391.6	20529.2	21666.9	22653.1	23644.6	24411.7	24312.6	22814.9	21312.0	19814.3	18311.4
72.5°	15493.5	16787.6	18081.8	18645.4	19209.0	19605.6	19313.4	18181.0	17043.3	15910.9	14773.3
75°	9408.8	10087.2	10770.8	10765.6	10765.6	10703.0	10410.7	9763.7	9116.6	8469.5	7822.4
77.5°	2802.3	3099.7	3397.2	3684.2	3976.4	4195.6	4138.2	3799.0	3454.6	3115.4	2771.0
80°	772.3	850.6	934.1	970.6	1007.2	1054.1	1174.1	1090.6	1007.2	928.9	845.4
82.5°	198.3	198.3	198.3	193.1	187.9	177.4	161.8	151.3	140.9	130.5	120.0
85°	31.3	26.1	26.1	26.1	20.9	20.9	20.9	20.9	15.7	15.7	10.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
2.5°	52.2	52.2	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	41.7
5°	62.6	62.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	52.2
7.5°	78.3	78.3	73.1	73.1	73.1	73.1	67.8	67.8	67.8	67.8	62.6
10°	99.1	93.9	93.9	88.7	88.7	88.7	83.5	83.5	83.5	78.3	78.3
12.5°	125.2	120.0	120.0	114.8	109.6	109.6	104.4	99.1	93.9	93.9	88.7
15°	167.0	161.8	156.6	151.3	146.1	135.7	130.5	120.0	114.8	109.6	104.4
17.5°	318.3	292.2	266.1	240.0	219.2	198.3	177.4	156.6	146.1	135.7	125.2
20°	887.1	767.1	652.3	537.5	464.4	391.4	318.3	245.3	214.0	187.9	156.6
22.5°	1920.4	1680.3	1445.5	1205.5	1012.4	824.5	631.4	438.3	365.3	297.4	224.4
25°	3569.4	3110.2	2656.2	2197.0	1831.7	1466.4	1101.1	735.8	600.1	464.4	328.8
27.5°	5296.7	4701.8	4106.9	3512.0	2932.7	2348.3	1763.8	1184.6	949.8	720.1	485.3
30°	6627.4	5996.0	5369.7	4738.3	4007.7	3277.2	2541.4	1810.8	1440.3	1069.8	694.0
32.5°	7770.2	7086.6	6408.2	5724.6	4879.2	4033.8	3188.5	2343.1	1878.6	1414.2	944.5
35°	8902.6	8125.1	7352.7	6575.2	5667.2	4759.2	3851.2	2943.2	2353.5	1763.8	1168.9
37.5°	10280.3	9330.5	8386.0	7441.5	6507.4	5578.5	4644.4	3710.3	2958.8	2212.6	1461.2
40°	12680.7	11470.1	10264.6	9054.0	7963.3	6877.9	5787.2	4696.6	3752.0	2807.5	1857.8
42.5°	17262.5	15744.0	14230.6	12712.1	11203.9	9695.8	8182.5	6674.4	5328.0	3986.9	2640.5
45°	23655.1	21708.6	19767.4	17820.9	15963.1	14110.6	12252.8	10395.1	8349.5	6303.8	4253.0
47.5°	28847.4	26713.1	24584.0	22449.6	20388.3	18332.3	16271.0	14209.7	11590.1	8975.7	6356.0
50°	31190.5	29155.3	27125.3	25090.1	23023.6	20951.9	18880.2	16813.7	13807.9	10807.3	7801.5
52.5°	31978.4	29912.0	27850.7	25784.2	23733.4	21682.5	19631.7	17580.8	14455.0	11334.4	8208.6
55°	32411.6	30230.3	28054.2	25872.9	23665.5	21452.9	19240.3	17032.9	13922.7	10817.8	7707.6
57.5°	33288.3	30913.9	28544.7	26170.4	23655.1	21139.8	18619.3	16104.0	13035.6	9967.2	6898.7
60°	33450.0	31112.2	28779.6	26446.9	23665.5	20884.1	18097.5	15316.0	12268.5	9226.2	6178.6
62.5°	31148.7	29197.0	27250.6	25298.9	22512.2	19725.6	16933.8	14147.1	11230.0	8312.9	5390.6
65°	26342.6	24657.0	22976.7	21291.1	19015.9	16745.9	14470.7	12195.4	9591.4	6992.7	4388.7
67.5°	21103.3	19454.3	17810.5	16161.4	14449.8	12743.4	11031.7	9320.1	7311.0	5301.9	3292.8
70°	16730.2	15143.8	13562.7	11976.3	10462.9	8944.4	7425.8	5912.5	4665.3	3423.3	2176.1
72.5°	13260.0	11741.4	10228.1	8709.5	7337.1	5964.6	4592.2	3219.8	2598.8	1983.0	1362.0
75°	7034.4	6246.4	5463.7	4675.7	3903.4	3125.8	2348.3	1576.0	1330.7	1085.4	834.9
77.5°	2426.6	2082.1	1743.0	1398.5	1163.7	928.9	694.0	459.2	433.1	412.3	386.2
80°	735.8	626.2	516.6	407.0	360.1	313.1	266.1	219.2	203.5	187.9	167.0
82.5°	114.8	104.4	99.1	88.7	83.5	83.5	78.3	73.1	62.6	57.4	47.0
85°	10.4	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: P1067859

CATALOG NUMBER: NAV-SA4C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	47.0	47.0
2.5°	41.7	41.7
5°	52.2	52.2
7.5°	62.6	62.6
10°	73.1	73.1
12.5°	83.5	83.5
15°	99.1	93.9
17.5°	114.8	109.6
20°	125.2	114.8
22.5°	151.3	130.5
25°	193.1	161.8
27.5°	250.5	198.3
30°	323.5	250.5
32.5°	480.1	349.6
35°	579.2	422.7
37.5°	709.7	490.5
40°	913.2	594.9
42.5°	1294.2	808.9
45°	2207.4	1341.1
47.5°	3741.6	2285.7
50°	4795.7	2932.7
52.5°	5088.0	3110.2
55°	4602.6	2854.5
57.5°	3830.3	2426.6
60°	3136.3	1998.7
62.5°	2473.5	1581.2
65°	1784.7	1195.0
67.5°	1283.7	918.4
70°	934.1	720.1
72.5°	741.0	600.1
75°	589.7	501.0
77.5°	365.3	334.0
80°	151.3	140.9
82.5°	36.5	31.3
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P1067859

CATALOG NUMBER: NAV-SA4C-835-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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

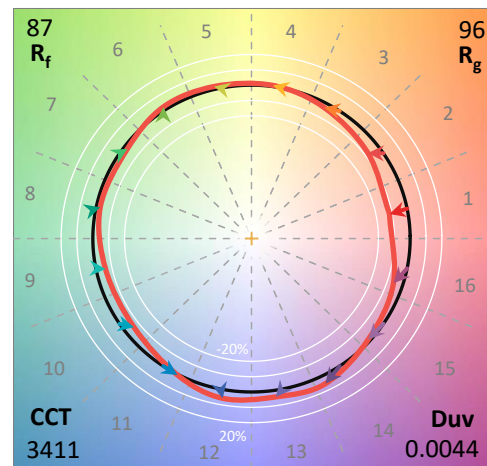
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

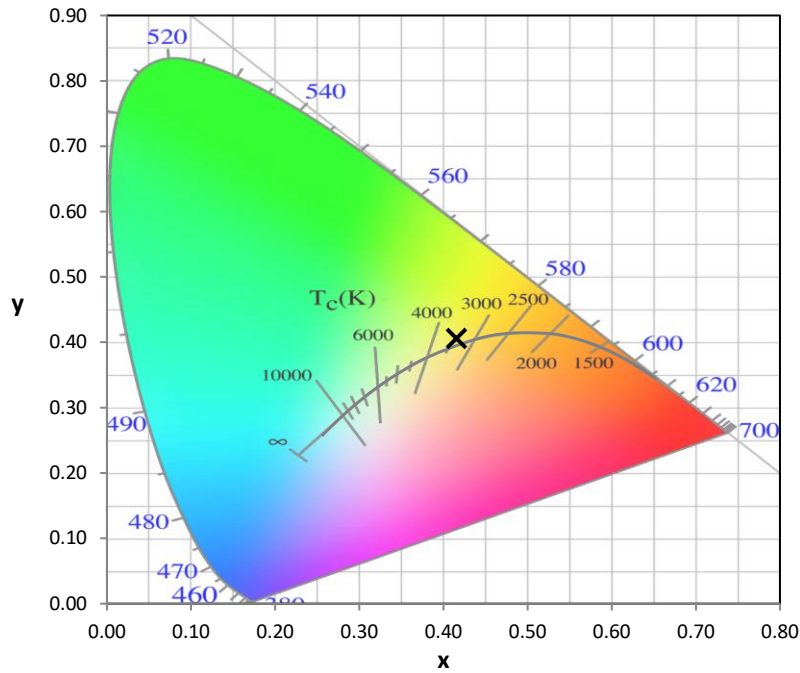
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

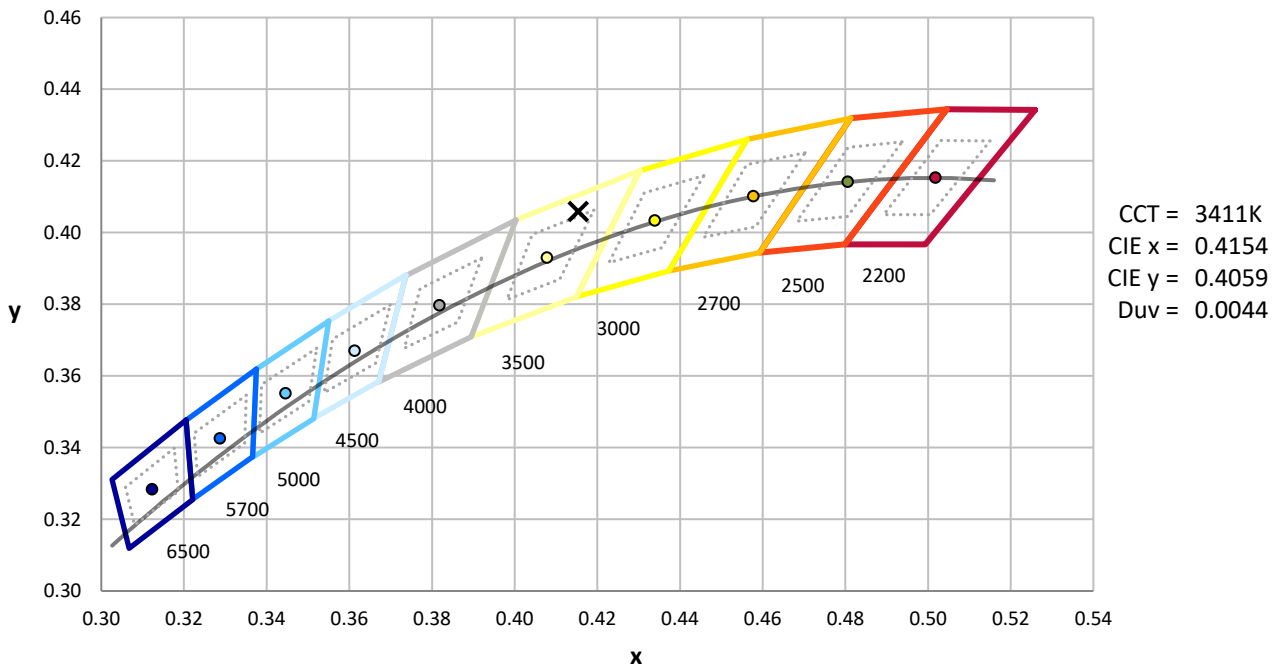
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



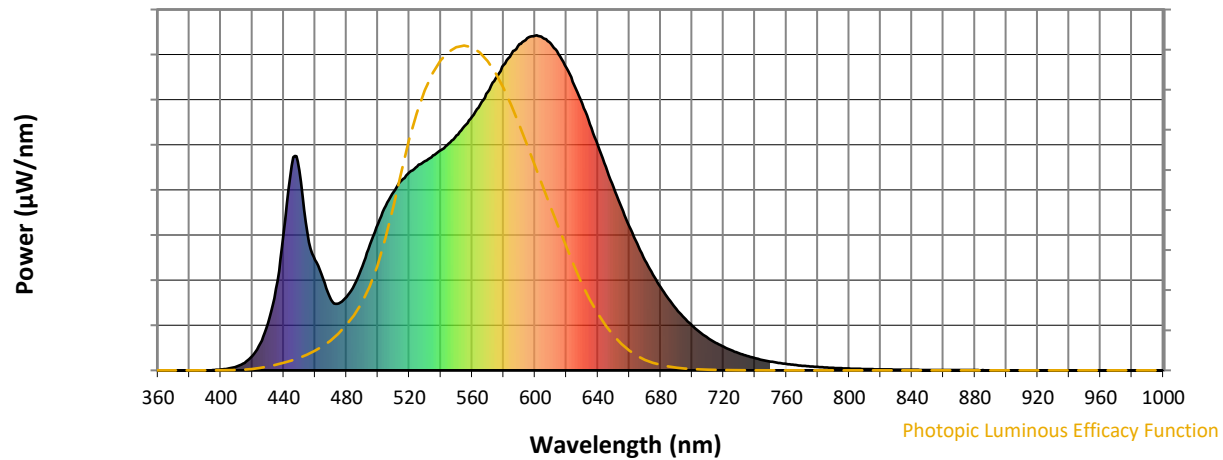
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

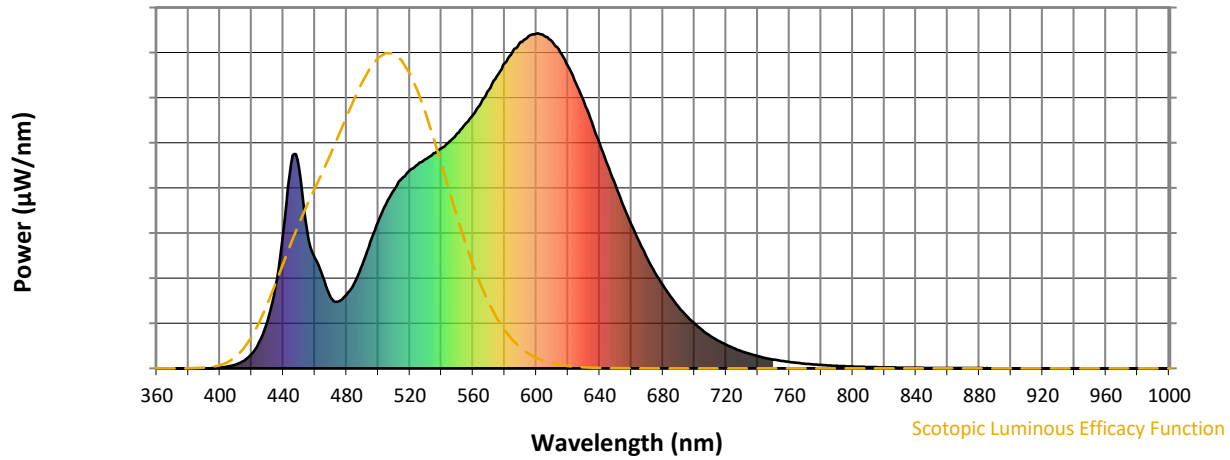


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



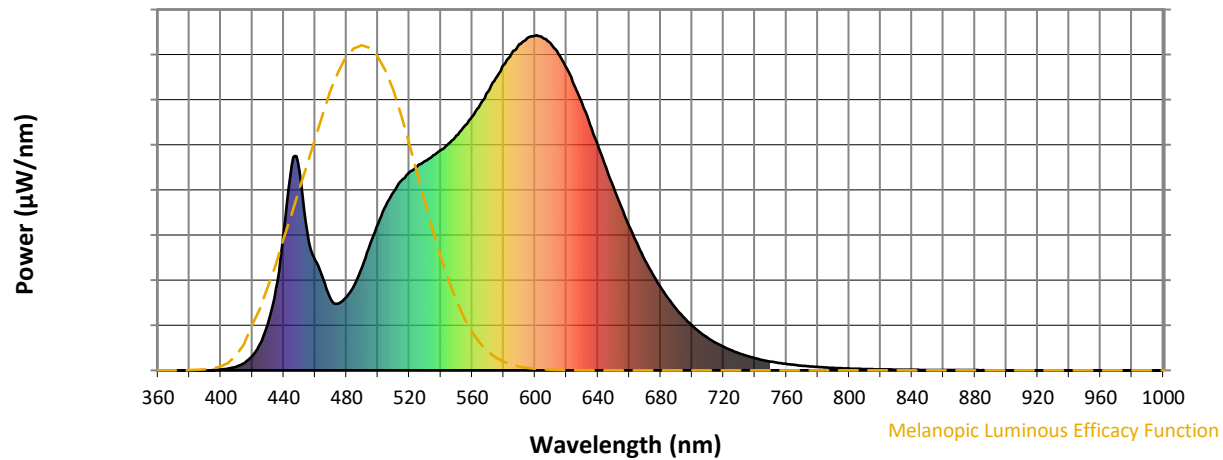
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

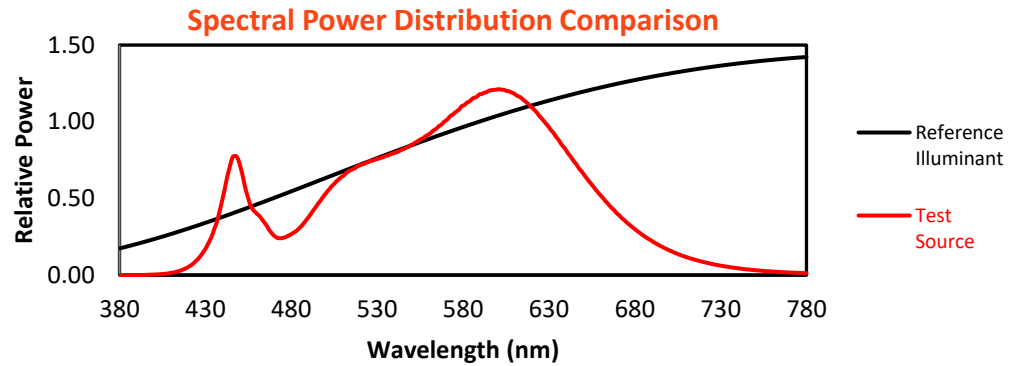
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

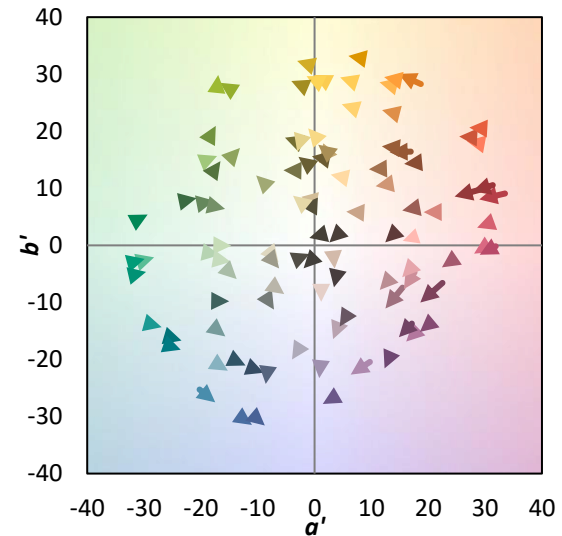
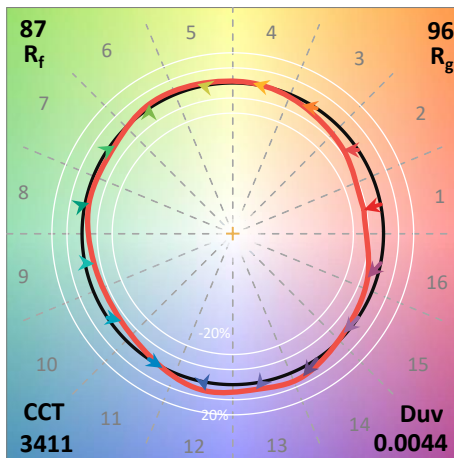
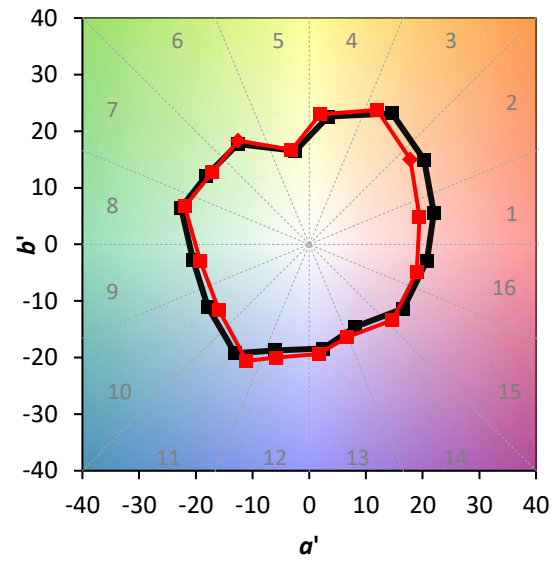
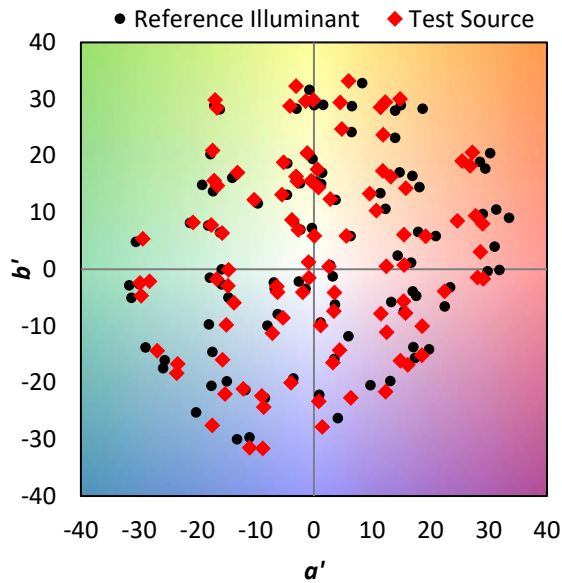
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $\text{CIE } R_a = 83.5$
 $R_9 = 6.3$

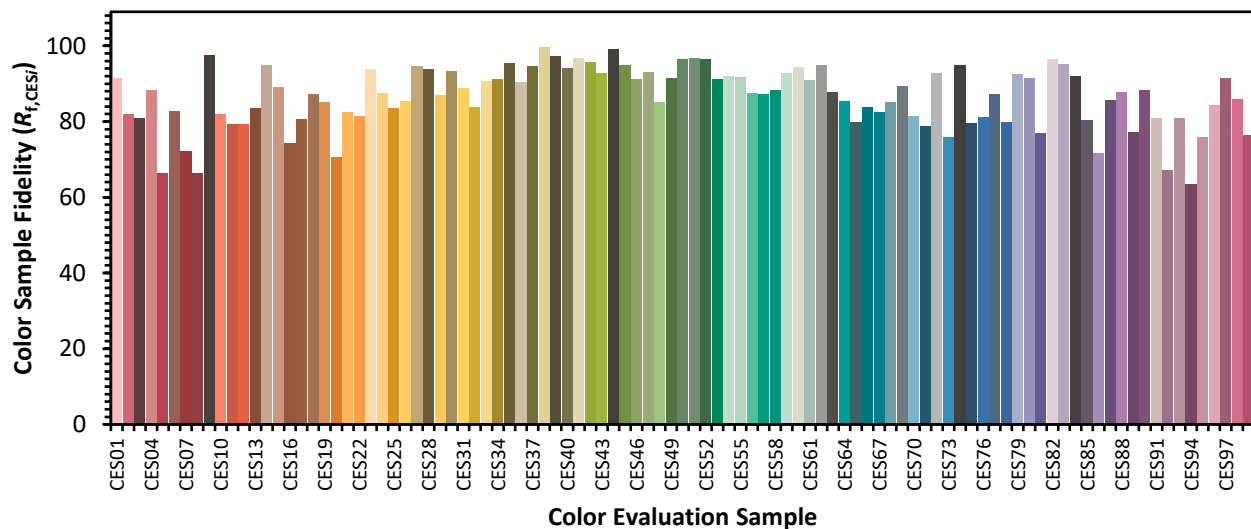


Color Vector Graphics

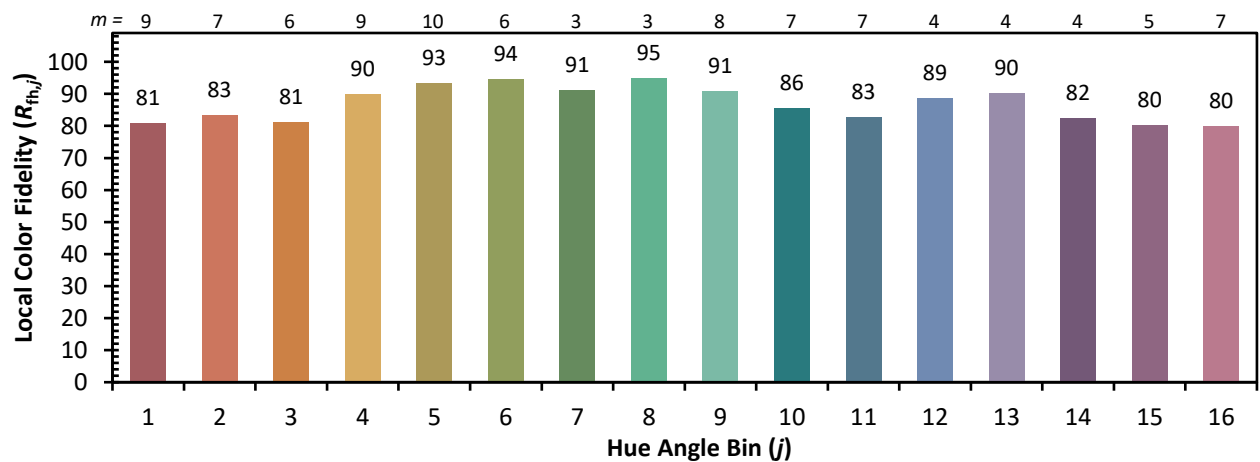
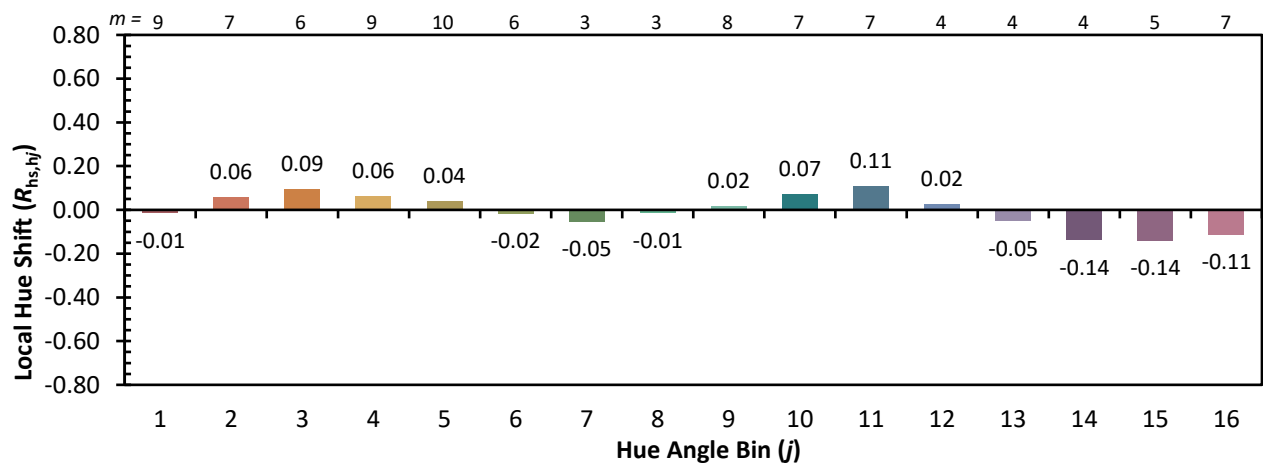
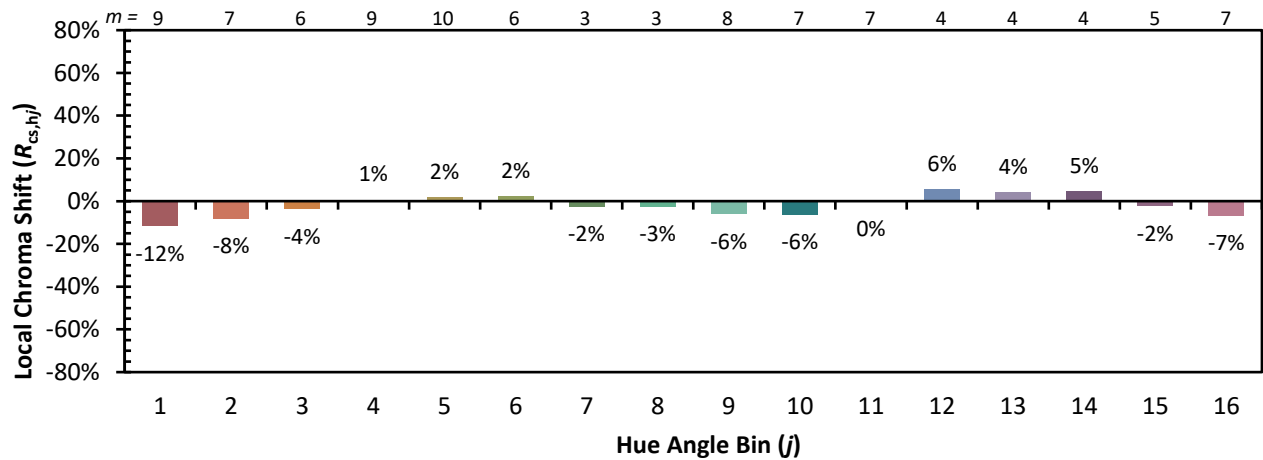


Individual Sample Fidelity Index ($R_{f,i}$)

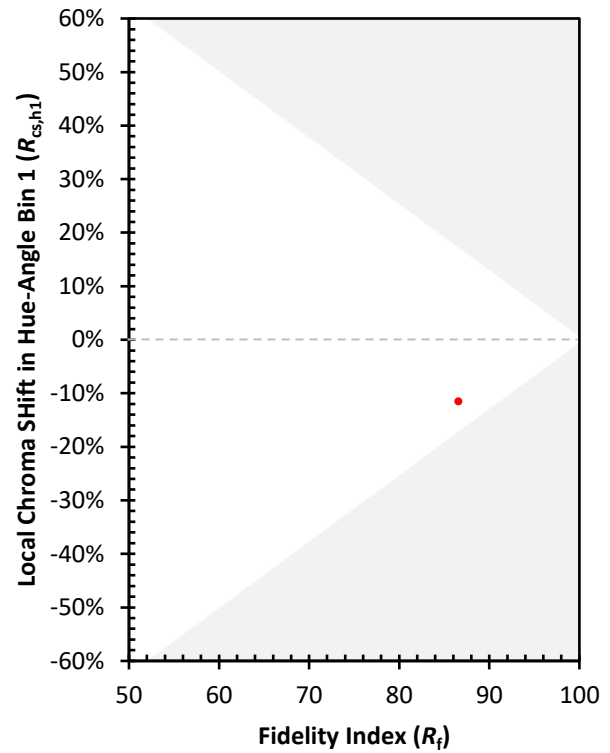
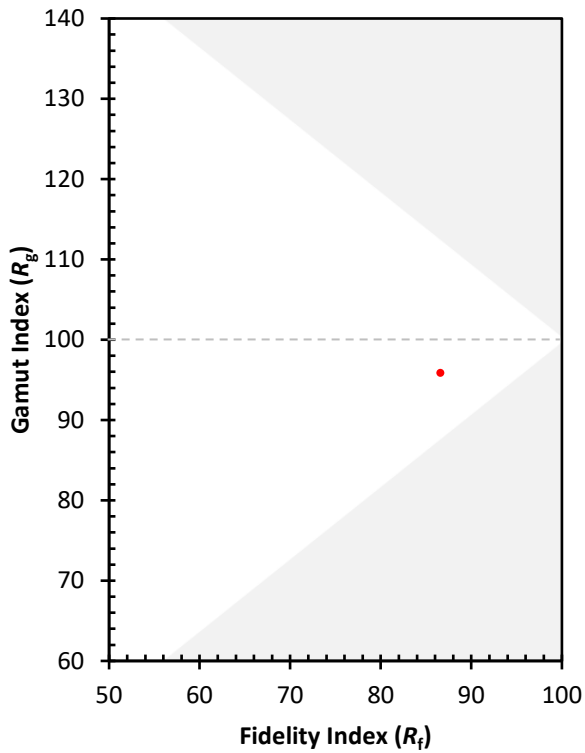
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)