

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: P1067863

Luminaire Tested: **NAV-SA5C-835-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067863
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5C-835-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20904.8 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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



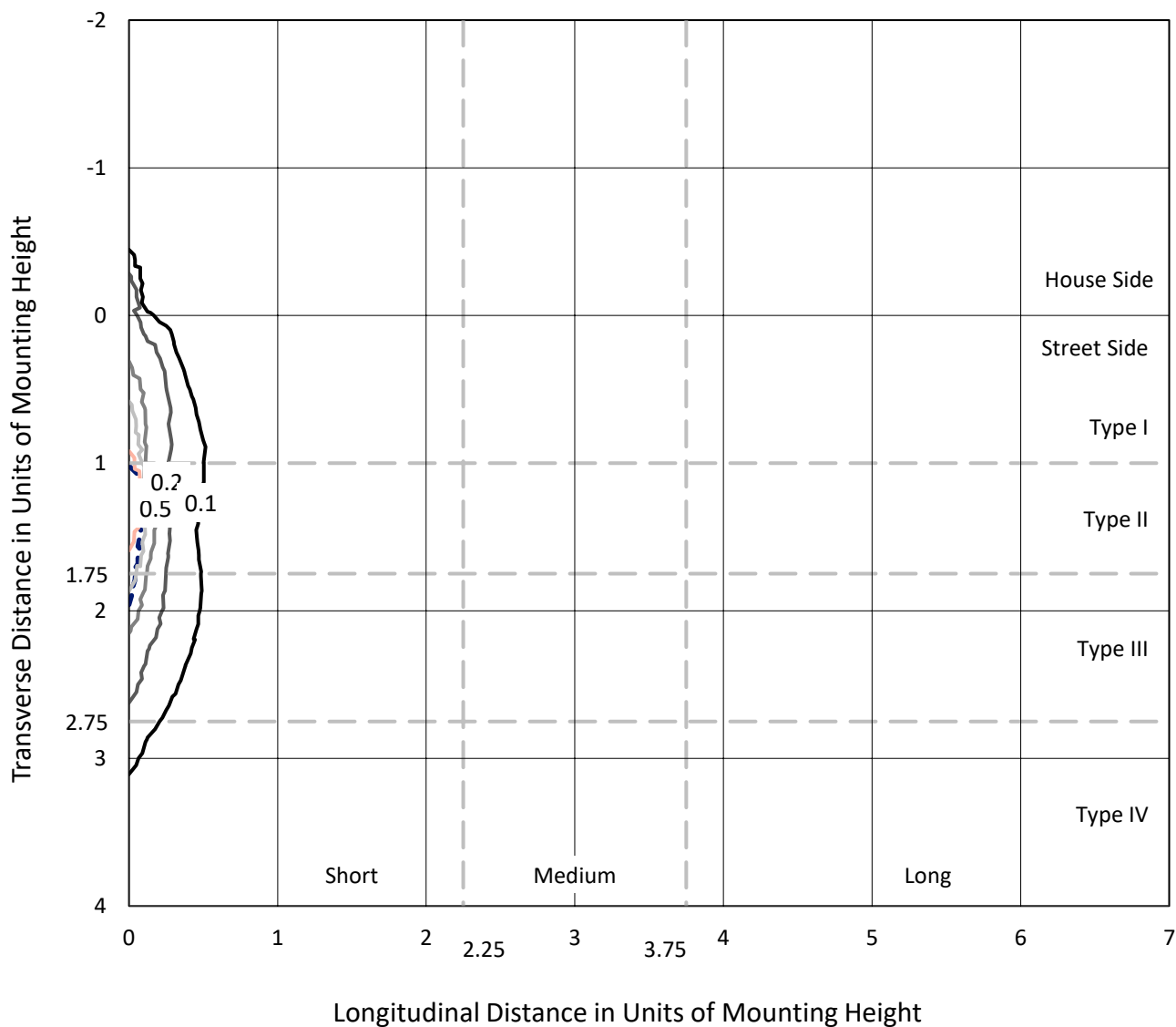
REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

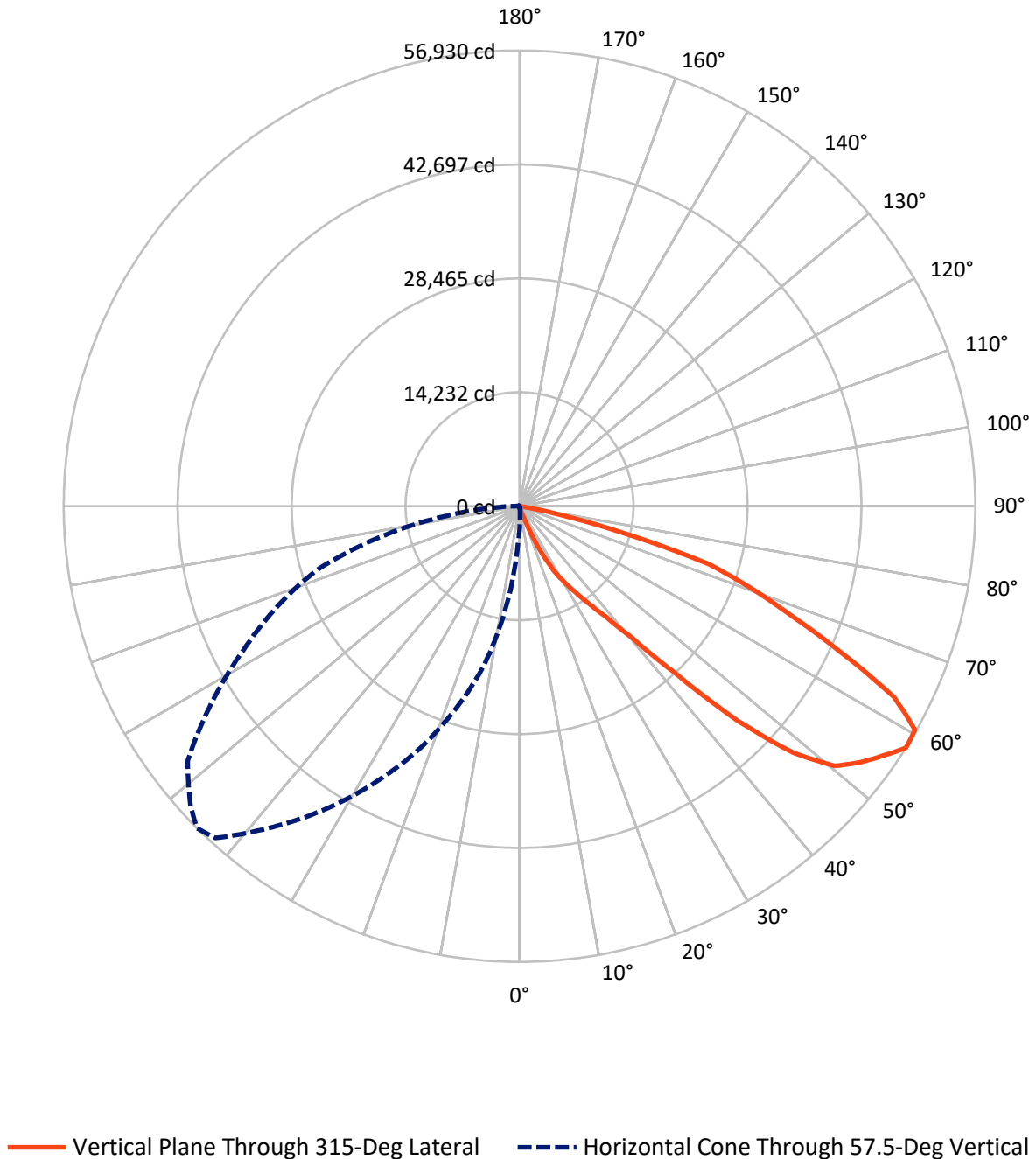


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

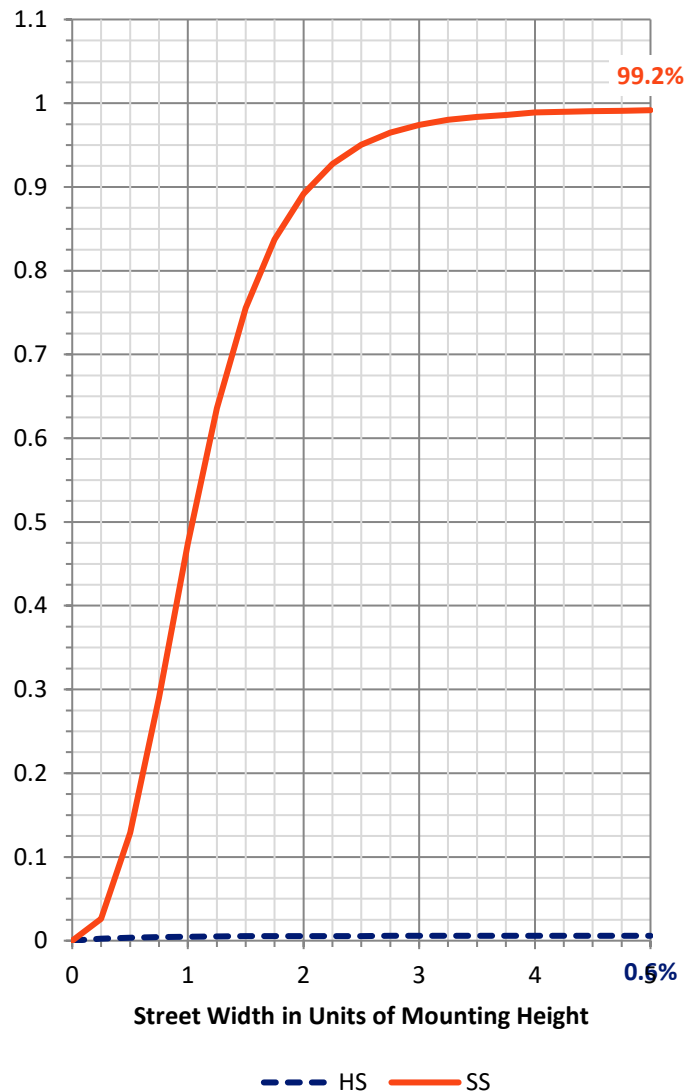
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.4	0.0	124.4
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	20780.4	0.0	20780.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	20904.7	0.0	20904.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.0
10°-20°	30.7	0.1
20°-30°	390.2	1.9
30°-40°	1315.0	6.3
40°-50°	3971.2	19.0
50°-60°	7006.5	33.5
60°-70°	6172.8	29.5
70°-80°	1964.9	9.4
80°-90°	47.3	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°	20904.7	100.0
0°-180°	20904.8	100.0



REPORT NUMBER: P1067863

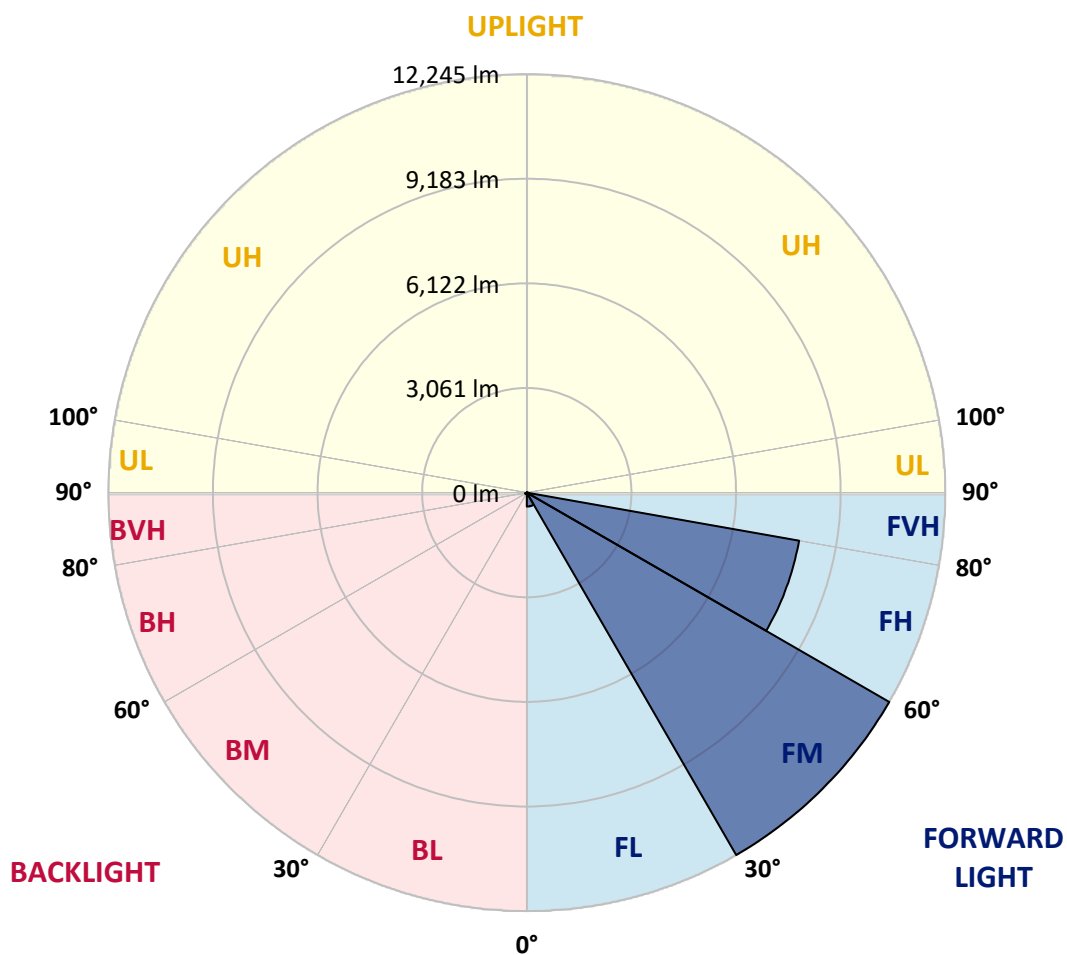
CATALOG NUMBER: NAV-SA5C-835-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	408.4	2.0			
FM	(30°-60°)	12244.6	58.6			
FH	(60°-80°)	8089.0	38.7			G4/12000
FVH	(80°-90°)	38.5	0.2			G1/100
BL	(0°-30°)	18.6	0.1	B0/110		
BM	(30°-60°)	48.2	0.2	B0/220		
BH	(60°-80°)	48.7	0.2	B0/110		G0/110
BVH	(80°-90°)	8.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	45.9
5°	65.6	65.6	65.6	59.0	59.0	59.0	52.4	52.4	52.4	52.4	52.4
7.5°	78.7	72.1	72.1	65.6	65.6	65.6	59.0	59.0	59.0	59.0	52.4
10°	91.8	85.2	85.2	78.7	78.7	72.1	72.1	65.6	65.6	59.0	59.0
12.5°	104.9	98.3	91.8	85.2	85.2	78.7	78.7	72.1	72.1	65.6	65.6
15°	118.0	111.4	104.9	98.3	91.8	91.8	85.2	78.7	72.1	72.1	65.6
17.5°	137.7	124.6	118.0	104.9	98.3	91.8	85.2	78.7	78.7	72.1	72.1
20°	144.2	131.1	124.6	111.4	104.9	98.3	91.8	85.2	78.7	78.7	72.1
22.5°	170.4	144.2	137.7	124.6	118.0	111.4	98.3	91.8	85.2	78.7	72.1
25°	209.8	170.4	150.8	131.1	124.6	111.4	104.9	91.8	85.2	78.7	72.1
27.5°	255.7	190.1	170.4	144.2	131.1	118.0	104.9	91.8	85.2	78.7	72.1
30°	314.7	222.9	190.1	157.3	144.2	131.1	111.4	98.3	91.8	85.2	72.1
32.5°	439.2	275.3	222.9	170.4	150.8	137.7	118.0	98.3	91.8	85.2	72.1
35°	531.0	334.3	268.8	196.7	170.4	150.8	124.6	98.3	91.8	85.2	72.1
37.5°	616.2	340.9	275.3	209.8	183.6	157.3	124.6	98.3	91.8	85.2	72.1
40°	753.9	354.0	275.3	196.7	177.0	150.8	131.1	104.9	98.3	85.2	78.7
42.5°	1016.1	406.5	295.0	183.6	163.9	150.8	131.1	111.4	98.3	91.8	78.7
45°	1691.4	603.1	399.9	190.1	170.4	150.8	131.1	111.4	104.9	91.8	85.2
47.5°	2878.0	1048.9	622.8	196.7	177.0	150.8	131.1	104.9	98.3	91.8	78.7
50°	3684.3	1343.9	786.7	229.4	196.7	170.4	137.7	104.9	98.3	91.8	85.2
52.5°	3913.8	1429.1	852.2	268.8	229.4	190.1	144.2	104.9	98.3	98.3	91.8
55°	3586.0	1389.8	852.2	314.7	262.2	216.3	163.9	111.4	104.9	104.9	98.3
57.5°	3048.4	1284.9	812.9	340.9	288.5	229.4	177.0	118.0	111.4	111.4	104.9
60°	2510.8	1081.7	734.2	380.2	321.2	262.2	203.2	144.2	137.7	131.1	118.0
62.5°	1992.9	871.9	642.5	406.5	347.5	281.9	222.9	157.3	150.8	144.2	137.7
65°	1501.3	760.5	596.6	426.1	360.6	295.0	229.4	163.9	157.3	157.3	150.8
67.5°	1153.8	694.9	570.3	439.2	373.7	308.1	242.6	177.0	170.4	163.9	157.3
70°	911.2	642.5	537.6	432.7	373.7	314.7	249.1	190.1	177.0	170.4	157.3
72.5°	760.5	583.5	498.2	413.0	367.1	321.2	275.3	229.4	203.2	183.6	157.3
75°	635.9	524.5	452.3	373.7	340.9	314.7	281.9	249.1	216.3	183.6	150.8
77.5°	419.6	380.2	347.5	314.7	295.0	275.3	249.1	229.4	196.7	170.4	137.7
80°	177.0	163.9	170.4	170.4	170.4	170.4	163.9	163.9	144.2	124.6	98.3
82.5°	39.3	32.8	39.3	39.3	39.3	39.3	32.8	32.8	32.8	26.2	26.2
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: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
5°	52.4	52.4	52.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
7.5°	52.4	52.4	52.4	45.9	45.9	45.9	45.9	39.3	39.3	39.3	39.3
10°	52.4	52.4	52.4	45.9	45.9	45.9	45.9	39.3	39.3	39.3	39.3
12.5°	59.0	59.0	52.4	52.4	45.9	45.9	45.9	39.3	39.3	39.3	39.3
15°	59.0	59.0	52.4	52.4	45.9	45.9	45.9	39.3	39.3	39.3	39.3
17.5°	65.6	59.0	59.0	52.4	45.9	45.9	45.9	39.3	39.3	39.3	39.3
20°	65.6	59.0	59.0	52.4	45.9	45.9	45.9	39.3	39.3	39.3	39.3
22.5°	65.6	59.0	59.0	52.4	45.9	45.9	39.3	39.3	32.8	32.8	26.2
25°	65.6	59.0	59.0	52.4	45.9	45.9	39.3	39.3	32.8	26.2	26.2
27.5°	65.6	59.0	59.0	52.4	45.9	39.3	39.3	32.8	26.2	19.7	19.7
30°	65.6	59.0	59.0	52.4	45.9	39.3	32.8	26.2	19.7	19.7	13.1
32.5°	65.6	59.0	52.4	45.9	39.3	32.8	32.8	26.2	19.7	13.1	13.1
35°	65.6	59.0	52.4	45.9	39.3	32.8	32.8	26.2	19.7	13.1	13.1
37.5°	65.6	59.0	52.4	45.9	39.3	32.8	26.2	19.7	13.1	13.1	6.6
40°	65.6	59.0	52.4	45.9	39.3	32.8	26.2	19.7	13.1	13.1	6.6
42.5°	65.6	59.0	52.4	45.9	39.3	32.8	26.2	19.7	13.1	13.1	6.6
45°	72.1	65.6	59.0	45.9	39.3	32.8	32.8	26.2	19.7	13.1	13.1
47.5°	72.1	65.6	59.0	45.9	39.3	32.8	32.8	26.2	19.7	13.1	13.1
50°	78.7	72.1	65.6	52.4	45.9	39.3	32.8	19.7	13.1	13.1	6.6
52.5°	85.2	78.7	72.1	65.6	59.0	45.9	32.8	19.7	6.6	6.6	6.6
55°	91.8	85.2	85.2	78.7	72.1	52.4	39.3	19.7	0.0	0.0	0.0
57.5°	98.3	91.8	91.8	85.2	78.7	59.0	39.3	19.7	0.0	0.0	0.0
60°	111.4	104.9	98.3	85.2	78.7	59.0	39.3	19.7	0.0	0.0	0.0
62.5°	131.1	118.0	98.3	85.2	65.6	52.4	32.8	19.7	0.0	0.0	0.0
65°	144.2	124.6	104.9	78.7	59.0	45.9	32.8	13.1	0.0	0.0	0.0
67.5°	150.8	124.6	104.9	78.7	52.4	39.3	26.2	13.1	0.0	0.0	0.0
70°	144.2	118.0	98.3	72.1	45.9	32.8	26.2	13.1	0.0	0.0	0.0
72.5°	131.1	111.4	85.2	65.6	39.3	32.8	19.7	13.1	0.0	0.0	0.0
75°	118.0	98.3	72.1	52.4	26.2	19.7	13.1	6.6	0.0	0.0	0.0
77.5°	104.9	85.2	59.0	39.3	13.1	13.1	6.6	6.6	0.0	0.0	0.0
80°	78.7	59.0	39.3	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.7	13.1	13.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
5°	39.3	39.3	39.3	39.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8
7.5°	39.3	39.3	39.3	39.3	32.8	32.8	32.8	32.8	26.2	26.2	26.2
10°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.2	26.2	26.2
12.5°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.2	26.2	26.2
15°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	26.2	26.2	19.7	19.7
17.5°	32.8	32.8	32.8	32.8	26.2	26.2	26.2	19.7	19.7	13.1	13.1
20°	32.8	32.8	32.8	26.2	26.2	19.7	19.7	13.1	13.1	6.6	6.6
22.5°	26.2	19.7	19.7	13.1	13.1	6.6	6.6	6.6	0.0	0.0	0.0
25°	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	39.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
5°	32.8	32.8	32.8	32.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2
7.5°	26.2	26.2	26.2	26.2	26.2	26.2	19.7	19.7	19.7	19.7	19.7
10°	26.2	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	13.1	13.1
12.5°	26.2	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	6.6	6.6
15°	19.7	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6	0.0	0.0
17.5°	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	39.3	39.3
5°	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
7.5°	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
10°	13.1	13.1	13.1	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6
12.5°	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	39.3	39.3	39.3	39.3	39.3	45.9	45.9	52.4	52.4	59.0	59.0
5°	26.2	26.2	32.8	32.8	32.8	32.8	39.3	39.3	39.3	45.9	45.9
7.5°	19.7	19.7	19.7	19.7	19.7	26.2	26.2	32.8	32.8	39.3	39.3
10°	6.6	6.6	13.1	13.1	13.1	13.1	19.7	19.7	19.7	26.2	32.8
12.5°	0.0	0.0	6.6	6.6	6.6	6.6	13.1	13.1	13.1	19.7	26.2
15°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	13.1	19.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	13.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	65.6	65.6	72.1	72.1	78.7	78.7	85.2	85.2	85.2	85.2	85.2
5°	52.4	52.4	59.0	65.6	65.6	72.1	78.7	78.7	78.7	78.7	78.7
7.5°	45.9	45.9	52.4	59.0	59.0	65.6	72.1	72.1	78.7	78.7	78.7
10°	32.8	39.3	45.9	52.4	52.4	59.0	65.6	65.6	72.1	72.1	72.1
12.5°	26.2	32.8	39.3	45.9	45.9	52.4	59.0	59.0	65.6	65.6	72.1
15°	19.7	26.2	32.8	39.3	39.3	45.9	52.4	52.4	59.0	65.6	72.1
17.5°	13.1	19.7	26.2	32.8	32.8	39.3	45.9	52.4	59.0	59.0	65.6
20°	13.1	13.1	19.7	26.2	26.2	32.8	39.3	45.9	52.4	52.4	59.0
22.5°	6.6	6.6	13.1	19.7	19.7	26.2	32.8	39.3	45.9	45.9	52.4
25°	0.0	0.0	6.6	13.1	13.1	19.7	26.2	26.2	32.8	32.8	39.3
27.5°	0.0	0.0	6.6	6.6	13.1	13.1	19.7	19.7	26.2	26.2	32.8
30°	0.0	0.0	6.6	6.6	13.1	13.1	19.7	19.7	26.2	26.2	26.2
32.5°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	19.7	19.7	26.2
35°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7
37.5°	0.0	0.0	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	19.7
40°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
45°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
50°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
55°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	13.1	13.1	13.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	13.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	85.2	85.2
5°	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	78.7	78.7
7.5°	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	78.7	78.7
10°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
12.5°	72.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
15°	72.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
17.5°	65.6	72.1	72.1	72.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
20°	59.0	65.6	65.6	65.6	72.1	72.1	72.1	72.1	78.7	78.7	78.7
22.5°	52.4	59.0	59.0	59.0	65.6	65.6	65.6	65.6	72.1	72.1	72.1
25°	45.9	45.9	52.4	52.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0
27.5°	32.8	39.3	39.3	39.3	45.9	45.9	45.9	45.9	52.4	52.4	52.4
30°	32.8	32.8	32.8	32.8	39.3	39.3	39.3	39.3	45.9	45.9	45.9
32.5°	26.2	32.8	32.8	32.8	39.3	39.3	39.3	39.3	45.9	45.9	45.9
35°	26.2	26.2	26.2	26.2	32.8	32.8	32.8	32.8	39.3	39.3	39.3
37.5°	19.7	26.2	26.2	26.2	32.8	32.8	32.8	32.8	39.3	39.3	39.3
40°	19.7	19.7	19.7	19.7	26.2	26.2	26.2	26.2	32.8	32.8	32.8
42.5°	19.7	19.7	19.7	19.7	26.2	26.2	26.2	26.2	32.8	32.8	32.8
45°	19.7	19.7	19.7	19.7	26.2	26.2	26.2	26.2	32.8	32.8	32.8
47.5°	19.7	19.7	19.7	19.7	26.2	26.2	26.2	26.2	32.8	32.8	32.8
50°	19.7	19.7	19.7	19.7	26.2	26.2	26.2	26.2	32.8	32.8	32.8
52.5°	13.1	13.1	13.1	13.1	19.7	19.7	19.7	19.7	26.2	26.2	26.2
55°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	19.7	19.7	19.7
57.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	19.7	19.7	19.7
60°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
62.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
65°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	6.6	6.6
67.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
70°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
72.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
77.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
80°	19.7	19.7	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	13.1
82.5°	13.1	19.7	19.7	19.7	19.7	13.1	13.1	13.1	13.1	13.1	13.1
85°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
87.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	85.2	85.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	85.2	85.2
5°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	85.2	85.2
7.5°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	85.2	85.2
10°	78.7	78.7	78.7	78.7	72.1	72.1	78.7	78.7	78.7	85.2	85.2
12.5°	78.7	78.7	78.7	78.7	72.1	72.1	78.7	78.7	85.2	85.2	91.8
15°	78.7	78.7	72.1	72.1	72.1	72.1	78.7	78.7	85.2	85.2	91.8
17.5°	78.7	78.7	72.1	72.1	72.1	72.1	78.7	78.7	85.2	85.2	91.8
20°	78.7	78.7	72.1	72.1	72.1	72.1	72.1	72.1	78.7	85.2	85.2
22.5°	72.1	72.1	72.1	72.1	65.6	65.6	72.1	72.1	78.7	85.2	85.2
25°	59.0	65.6	65.6	65.6	65.6	65.6	72.1	72.1	78.7	85.2	85.2
27.5°	52.4	59.0	59.0	59.0	59.0	65.6	65.6	72.1	78.7	85.2	85.2
30°	45.9	52.4	52.4	52.4	59.0	65.6	65.6	72.1	78.7	85.2	85.2
32.5°	45.9	52.4	52.4	52.4	59.0	59.0	65.6	65.6	72.1	78.7	85.2
35°	45.9	45.9	52.4	52.4	52.4	59.0	59.0	65.6	72.1	78.7	85.2
37.5°	45.9	45.9	52.4	52.4	52.4	59.0	59.0	65.6	72.1	78.7	85.2
40°	39.3	45.9	45.9	52.4	52.4	59.0	59.0	65.6	72.1	85.2	91.8
42.5°	39.3	39.3	45.9	45.9	52.4	59.0	59.0	65.6	72.1	85.2	91.8
45°	39.3	45.9	45.9	52.4	59.0	65.6	65.6	72.1	78.7	85.2	91.8
47.5°	39.3	45.9	45.9	52.4	65.6	65.6	72.1	72.1	78.7	85.2	91.8
50°	39.3	45.9	45.9	52.4	72.1	72.1	72.1	72.1	78.7	85.2	91.8
52.5°	32.8	39.3	39.3	45.9	59.0	65.6	72.1	78.7	85.2	91.8	98.3
55°	26.2	32.8	32.8	39.3	52.4	59.0	72.1	85.2	91.8	98.3	104.9
57.5°	26.2	26.2	32.8	32.8	45.9	59.0	78.7	91.8	98.3	104.9	111.4
60°	19.7	19.7	26.2	26.2	39.3	52.4	72.1	91.8	98.3	111.4	118.0
62.5°	13.1	19.7	19.7	26.2	32.8	52.4	72.1	91.8	104.9	118.0	124.6
65°	13.1	13.1	19.7	19.7	32.8	45.9	65.6	78.7	98.3	118.0	137.7
67.5°	19.7	19.7	26.2	26.2	32.8	45.9	65.6	78.7	98.3	124.6	144.2
70°	19.7	19.7	26.2	26.2	39.3	52.4	65.6	78.7	98.3	124.6	144.2
72.5°	19.7	19.7	26.2	26.2	39.3	45.9	59.0	72.1	91.8	111.4	131.1
75°	13.1	19.7	19.7	19.7	32.8	39.3	52.4	65.6	85.2	104.9	124.6
77.5°	13.1	13.1	13.1	13.1	26.2	32.8	45.9	52.4	72.1	91.8	111.4
80°	13.1	13.1	13.1	13.1	19.7	26.2	39.3	45.9	65.6	85.2	104.9
82.5°	13.1	13.1	6.6	6.6	13.1	19.7	26.2	32.8	52.4	65.6	85.2
85°	13.1	13.1	6.6	6.6	6.6	13.1	13.1	19.7	26.2	32.8	39.3
87.5°	13.1	13.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	85.2	85.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
5°	85.2	91.8	91.8	98.3	98.3	98.3	104.9	104.9	104.9	104.9	104.9
7.5°	85.2	91.8	91.8	98.3	98.3	98.3	104.9	104.9	104.9	111.4	111.4
10°	85.2	91.8	91.8	98.3	98.3	104.9	111.4	111.4	118.0	118.0	118.0
12.5°	91.8	98.3	98.3	104.9	104.9	111.4	118.0	118.0	124.6	131.1	131.1
15°	91.8	98.3	104.9	104.9	111.4	118.0	124.6	124.6	131.1	137.7	144.2
17.5°	91.8	98.3	104.9	104.9	111.4	118.0	131.1	137.7	144.2	157.3	163.9
20°	91.8	98.3	104.9	104.9	111.4	124.6	131.1	144.2	150.8	163.9	177.0
22.5°	91.8	98.3	104.9	111.4	118.0	131.1	144.2	150.8	163.9	183.6	196.7
25°	91.8	98.3	104.9	111.4	118.0	131.1	144.2	157.3	170.4	196.7	222.9
27.5°	91.8	98.3	111.4	118.0	124.6	137.7	157.3	170.4	183.6	229.4	275.3
30°	91.8	98.3	111.4	118.0	124.6	144.2	163.9	177.0	196.7	275.3	347.5
32.5°	91.8	104.9	111.4	124.6	131.1	150.8	177.0	196.7	216.3	327.8	432.7
35°	91.8	104.9	111.4	124.6	131.1	157.3	183.6	209.8	236.0	399.9	563.8
37.5°	91.8	104.9	111.4	124.6	131.1	170.4	209.8	249.1	288.5	458.9	629.3
40°	98.3	111.4	118.0	131.1	137.7	177.0	216.3	255.7	295.0	465.5	635.9
42.5°	98.3	111.4	118.0	131.1	137.7	170.4	209.8	242.6	275.3	465.5	655.6
45°	98.3	111.4	124.6	131.1	144.2	177.0	209.8	236.0	268.8	511.3	747.4
47.5°	98.3	111.4	124.6	131.1	144.2	177.0	209.8	242.6	275.3	675.2	1068.6
50°	98.3	111.4	124.6	131.1	144.2	183.6	222.9	262.2	301.6	1009.6	1717.6
52.5°	104.9	111.4	124.6	131.1	137.7	183.6	229.4	275.3	321.2	1311.1	2294.5
55°	111.4	118.0	124.6	131.1	137.7	196.7	255.7	314.7	373.7	1409.5	2438.7
57.5°	118.0	124.6	131.1	131.1	137.7	209.8	288.5	360.6	432.7	1402.9	2366.6
60°	124.6	131.1	137.7	144.2	150.8	222.9	301.6	373.7	445.8	1271.8	2097.8
62.5°	137.7	150.8	163.9	170.4	183.6	255.7	321.2	393.3	458.9	1042.4	1619.3
65°	157.3	170.4	177.0	190.1	196.7	262.2	334.3	399.9	465.5	865.4	1258.7
67.5°	163.9	177.0	183.6	196.7	203.2	268.8	334.3	399.9	465.5	734.2	996.5
70°	163.9	177.0	190.1	196.7	209.8	275.3	334.3	399.9	458.9	635.9	812.9
72.5°	150.8	170.4	183.6	203.2	216.3	275.3	327.8	386.8	439.2	563.8	688.3
75°	144.2	170.4	190.1	216.3	236.0	275.3	321.2	360.6	399.9	491.7	583.5
77.5°	131.1	163.9	196.7	229.4	262.2	288.5	308.1	334.3	354.0	413.0	472.0
80°	124.6	157.3	190.1	222.9	255.7	268.8	275.3	288.5	295.0	301.6	308.1
82.5°	98.3	124.6	150.8	170.4	196.7	183.6	177.0	163.9	150.8	144.2	137.7
85°	45.9	52.4	52.4	59.0	59.0	59.0	52.4	52.4	45.9	39.3	32.8
87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	91.8	91.8	91.8	91.8	85.2	85.2	85.2	85.2	78.7	78.7	78.7
5°	104.9	104.9	104.9	104.9	98.3	98.3	98.3	98.3	91.8	91.8	91.8
7.5°	111.4	111.4	111.4	111.4	111.4	111.4	111.4	111.4	111.4	111.4	111.4
10°	124.6	124.6	124.6	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
12.5°	137.7	137.7	144.2	144.2	150.8	150.8	157.3	157.3	163.9	163.9	163.9
15°	150.8	157.3	163.9	170.4	170.4	177.0	183.6	190.1	196.7	203.2	209.8
17.5°	177.0	183.6	196.7	209.8	222.9	236.0	255.7	281.9	301.6	321.2	347.5
20°	196.7	216.3	255.7	301.6	340.9	380.2	478.6	576.9	675.2	773.6	871.9
22.5°	236.0	275.3	406.5	544.1	675.2	806.4	1114.5	1422.6	1724.2	2032.3	2307.6
25°	314.7	399.9	701.5	1003.0	1298.0	1599.6	2150.3	2707.5	3258.2	3808.9	4320.2
27.5°	432.7	590.0	1081.7	1579.9	2071.6	2563.3	3363.1	4169.4	4969.2	5775.6	6490.2
30°	603.1	858.8	1593.0	2333.8	3068.1	3802.3	4811.9	5828.0	6837.6	7847.2	8502.8
32.5°	819.5	1199.7	2130.6	3061.5	3992.4	4923.3	6037.8	7152.3	8260.2	9374.7	10069.6
35°	1048.9	1534.0	2655.1	3782.6	4903.7	6031.3	7204.7	8378.2	9551.7	10725.1	11577.4
37.5°	1180.0	1730.7	3061.5	4392.3	5716.6	7047.4	8332.3	9623.8	10908.7	12193.6	13229.4
40°	1304.6	1966.7	3500.8	5034.8	6568.8	8102.9	9604.1	11105.4	12606.6	14107.9	15438.7
42.5°	1488.1	2320.7	4110.4	5900.1	7683.3	9473.0	11446.3	13426.1	15399.4	17372.6	19418.0
45°	1868.4	2989.4	5310.1	7630.8	9945.0	12265.7	15065.0	17870.9	20670.2	23476.0	26098.3
47.5°	2786.2	4497.2	7663.6	10830.0	13996.4	17162.9	20388.3	23613.7	26839.1	30064.5	33185.0
50°	4313.7	6903.2	10862.8	14822.5	18775.6	22735.2	25954.1	29172.9	32385.2	35604.1	38704.9
52.5°	5749.4	9204.2	13458.9	17720.1	21974.7	26236.0	29087.7	31939.4	34791.2	37642.9	40645.4
55°	6241.0	10036.8	14343.9	18657.6	22964.7	27278.3	30025.2	32778.6	35525.4	38272.2	41386.2
57.5°	5808.4	9250.1	13590.0	17929.9	22263.2	26603.1	29671.2	32745.8	35813.9	38888.5	42225.3
60°	4864.3	7624.3	12180.5	16743.3	21299.5	25855.7	29317.1	32778.6	36240.0	39701.4	43031.7
62.5°	3854.8	6083.7	10908.7	15733.7	20558.7	25383.7	28904.1	32431.1	35951.5	39471.9	42028.7
65°	2956.6	4654.6	9400.9	14153.8	18900.1	23653.0	26537.5	29428.6	32313.1	35204.2	36974.2
67.5°	2196.2	3395.9	7545.6	11701.9	15851.7	20001.5	22125.5	24256.1	26380.2	28510.8	29887.5
70°	1619.3	2419.1	5244.6	8070.1	10889.0	13714.6	15661.6	17608.6	19549.1	21496.2	22925.3
72.5°	1121.0	1547.1	3238.5	4936.5	6627.8	8319.2	10292.5	12265.7	14232.5	16205.7	17831.5
75°	767.0	950.6	1743.8	2537.1	3330.3	4123.5	5618.2	7112.9	8607.7	10102.4	10961.2
77.5°	570.3	668.7	904.7	1147.2	1383.3	1619.3	1907.7	2196.2	2484.6	2773.1	3146.7
80°	314.7	314.7	347.5	373.7	406.5	432.7	511.3	596.6	675.2	760.5	865.4
82.5°	144.2	150.8	163.9	177.0	183.6	196.7	209.8	222.9	236.0	249.1	249.1
85°	39.3	45.9	45.9	39.3	39.3	32.8	32.8	39.3	39.3	39.3	39.3
87.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	78.7	72.1	72.1	72.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6
5°	91.8	91.8	91.8	91.8	85.2	85.2	85.2	85.2	85.2	78.7	78.7
7.5°	111.4	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	98.3	98.3
10°	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	124.6	124.6
12.5°	163.9	163.9	163.9	163.9	170.4	170.4	163.9	163.9	163.9	157.3	157.3
15°	216.3	222.9	229.4	229.4	236.0	236.0	236.0	229.4	229.4	222.9	216.3
17.5°	367.1	386.8	413.0	439.2	465.5	485.1	485.1	472.0	458.9	445.8	432.7
20°	976.8	1075.1	1180.0	1284.9	1396.4	1475.0	1422.6	1383.3	1343.9	1298.0	1258.7
22.5°	2589.5	2864.8	3146.7	3343.4	3540.1	3677.8	3566.3	3350.0	3133.6	2923.8	2707.5
25°	4831.6	5336.3	5847.7	6057.5	6273.8	6431.2	6359.0	6031.3	5703.5	5382.2	5054.5
27.5°	7204.7	7912.7	8627.3	8810.9	8994.4	9132.1	9105.9	8679.8	8253.6	7827.5	7401.4
30°	9158.3	9813.9	10469.5	10653.0	10836.6	10961.2	10823.5	10397.4	9971.2	9545.1	9119.0
32.5°	10771.0	11465.9	12167.4	12410.0	12652.5	12816.4	12652.5	12141.2	11629.8	11125.0	10613.7
35°	12429.6	13275.3	14127.6	14435.7	14743.8	14940.5	14665.1	14035.8	13406.4	12783.6	12154.3
37.5°	14265.2	15294.5	16330.3	16749.8	17176.0	17471.0	17261.2	16474.5	15681.3	14894.6	14101.3
40°	16776.1	18106.9	19444.2	20198.2	20945.5	21476.5	21102.8	20191.6	19273.8	18362.6	17444.8
42.5°	21470.0	23515.3	25560.7	26642.4	27717.6	28497.7	28078.1	26957.1	25836.1	24715.0	23594.0
45°	28720.6	31336.3	33958.6	35538.5	37125.0	38291.9	37806.8	36397.3	34981.3	33571.8	32162.3
47.5°	36305.5	39426.1	42546.6	43805.3	45070.5	46053.9	45935.9	44178.9	42422.0	40671.6	38914.7
50°	41812.3	44913.2	48014.0	49095.7	50184.0	50990.3	50688.8	48453.3	46211.2	43975.7	41733.7
52.5°	43647.9	46643.9	49646.4	50937.9	52229.4	53193.1	52825.9	50308.5	47791.1	45280.3	42762.9
55°	44500.2	47614.1	50728.1	52301.5	53881.4	55035.2	54504.2	51744.2	48977.7	46217.8	43451.3
57.5°	45562.2	48899.1	52235.9	53960.1	55684.2	56929.8	56221.8	53363.5	50505.2	47653.5	44795.2
60°	46362.0	49685.7	53016.0	54399.3	55789.1	56759.4	56077.6	53297.9	50511.8	47732.1	44952.5
62.5°	44592.0	47148.7	49705.4	50734.7	51763.9	52511.3	52124.5	49489.1	46853.7	44218.3	41582.9
65°	38750.8	40520.9	42297.5	42992.4	43680.7	44211.7	44093.7	41871.3	39648.9	37433.1	35210.7
67.5°	31270.7	32647.4	34030.7	35014.1	36004.0	36771.0	36685.8	34660.1	32634.3	30608.6	28582.9
70°	24361.0	25790.2	27219.3	28458.3	29703.9	30667.6	30543.1	28661.6	26773.5	24892.0	23004.0
72.5°	19463.9	21089.7	22715.5	23423.6	24131.6	24629.8	24262.7	22840.1	21411.0	19988.4	18559.2
75°	11819.9	12672.2	13531.0	13524.4	13524.4	13445.8	13078.6	12265.7	11452.8	10639.9	9827.0
77.5°	3520.4	3894.1	4267.8	4628.3	4995.5	5270.8	5198.7	4772.6	4339.9	3913.8	3481.1
80°	970.2	1068.6	1173.5	1219.4	1265.3	1324.3	1475.0	1370.1	1265.3	1166.9	1062.0
82.5°	249.1	249.1	249.1	242.6	236.0	222.9	203.2	190.1	177.0	163.9	150.8
85°	39.3	32.8	32.8	32.8	26.2	26.2	26.2	26.2	19.7	19.7	13.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
2.5°	65.6	65.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	52.4
5°	78.7	78.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	65.6
7.5°	98.3	98.3	91.8	91.8	91.8	91.8	85.2	85.2	85.2	85.2	78.7
10°	124.6	118.0	118.0	111.4	111.4	111.4	104.9	104.9	104.9	98.3	98.3
12.5°	157.3	150.8	150.8	144.2	137.7	137.7	131.1	124.6	118.0	118.0	111.4
15°	209.8	203.2	196.7	190.1	183.6	170.4	163.9	150.8	144.2	137.7	131.1
17.5°	399.9	367.1	334.3	301.6	275.3	249.1	222.9	196.7	183.6	170.4	157.3
20°	1114.5	963.7	819.5	675.2	583.5	491.7	399.9	308.1	268.8	236.0	196.7
22.5°	2412.5	2110.9	1815.9	1514.4	1271.8	1035.8	793.2	550.7	458.9	373.7	281.9
25°	4484.1	3907.2	3336.9	2760.0	2301.1	1842.2	1383.3	924.4	753.9	583.5	413.0
27.5°	6654.0	5906.7	5159.3	4412.0	3684.3	2950.1	2215.8	1488.1	1193.1	904.7	609.7
30°	8325.8	7532.5	6745.8	5952.6	5034.8	4117.0	3192.6	2274.8	1809.4	1343.9	871.9
32.5°	9761.5	8902.7	8050.4	7191.6	6129.6	5067.6	4005.5	2943.5	2360.1	1776.6	1186.6
35°	11184.0	10207.2	9237.0	8260.2	7119.5	5978.8	4838.1	3697.4	2956.6	2215.8	1468.5
37.5°	12914.8	11721.6	10535.0	9348.4	8175.0	7008.1	5834.6	4661.1	3717.1	2779.6	1835.6
40°	15930.4	14409.5	12895.1	11374.2	10004.0	8640.4	7270.3	5900.1	4713.6	3527.0	2333.8
42.5°	21686.3	19778.6	17877.4	15969.7	14075.1	12180.5	10279.4	8384.8	6693.4	5008.6	3317.2
45°	29717.0	27271.8	24833.0	22387.8	20053.9	17726.6	15392.8	13059.0	10489.1	7919.3	5342.9
47.5°	36240.0	33558.7	30884.0	28202.7	25613.2	23030.2	20440.7	17851.2	14560.2	11275.8	7984.9
50°	39183.5	36626.8	34076.6	31519.9	28923.8	26321.2	23718.6	21122.5	17346.4	13576.9	9800.8
52.5°	40173.4	37577.3	34987.8	32391.8	29815.4	27239.0	24662.6	22086.2	18159.3	14239.0	10312.1
55°	40717.5	37977.2	35243.5	32503.2	29730.2	26950.5	24170.9	21397.8	17490.6	13590.0	9682.8
57.5°	41818.9	38836.0	35859.7	32876.9	29717.0	26557.2	23390.8	20230.9	16376.2	12521.4	8666.7
60°	42022.1	39085.2	36154.8	33224.4	29730.2	26236.0	22735.2	19241.0	15412.5	11590.5	7762.0
62.5°	39131.0	36679.2	34233.9	31782.1	28281.3	24780.6	21273.3	17772.5	14107.9	10443.3	6772.1
65°	33093.2	30975.7	28864.8	26747.3	23889.0	21037.3	18179.0	15320.7	12049.4	8784.7	5513.4
67.5°	26511.3	24439.7	22374.6	20303.0	18152.8	16009.0	13858.8	11708.5	9184.6	6660.6	4136.7
70°	21017.6	19024.7	17038.3	15045.4	13144.2	11236.5	9328.8	7427.6	5860.8	4300.5	2733.7
72.5°	16658.1	14750.4	12849.2	10941.5	9217.3	7493.2	5769.0	4044.9	3264.7	2491.2	1711.0
75°	8837.1	7847.2	6863.8	5873.9	4903.7	3926.9	2950.1	1979.8	1671.7	1363.6	1048.9
77.5°	3048.4	2615.7	2189.6	1756.9	1461.9	1166.9	871.9	576.9	544.1	517.9	485.1
80°	924.4	786.7	649.0	511.3	452.3	393.3	334.3	275.3	255.7	236.0	209.8
82.5°	144.2	131.1	124.6	111.4	104.9	104.9	98.3	91.8	78.7	72.1	59.0
85°	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067863

CATALOG NUMBER: NAV-SA5C-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: P1067863

CATALOG NUMBER: NAV-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	59.0	59.0
2.5°	52.4	52.4
5°	65.6	65.6
7.5°	78.7	78.7
10°	91.8	91.8
12.5°	104.9	104.9
15°	124.6	118.0
17.5°	144.2	137.7
20°	157.3	144.2
22.5°	190.1	163.9
25°	242.6	203.2
27.5°	314.7	249.1
30°	406.5	314.7
32.5°	603.1	439.2
35°	727.7	531.0
37.5°	891.6	616.2
40°	1147.2	747.4
42.5°	1625.8	1016.1
45°	2773.1	1684.8
47.5°	4700.4	2871.4
50°	6024.7	3684.3
52.5°	6391.8	3907.2
55°	5782.1	3586.0
57.5°	4811.9	3048.4
60°	3940.0	2510.8
62.5°	3107.4	1986.4
65°	2242.1	1501.3
67.5°	1612.7	1153.8
70°	1173.5	904.7
72.5°	930.9	753.9
75°	740.8	629.3
77.5°	458.9	419.6
80°	190.1	177.0
82.5°	45.9	39.3
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: P1067863

CATALOG NUMBER: NAV-SA5C-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

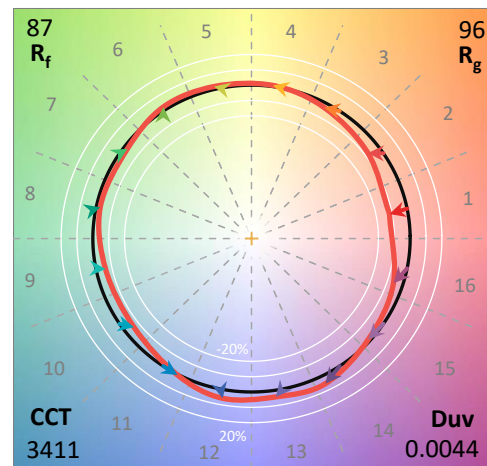
Test Information

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

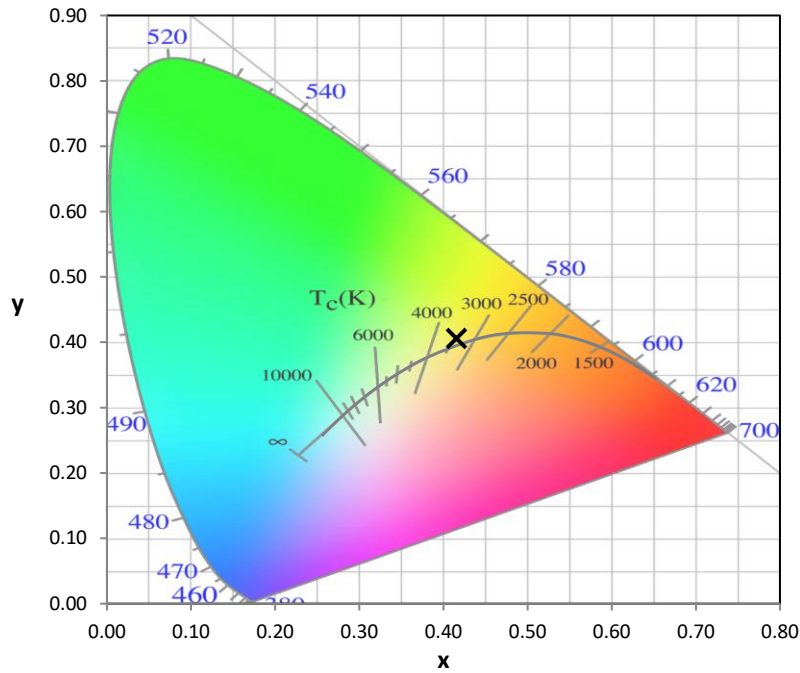
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

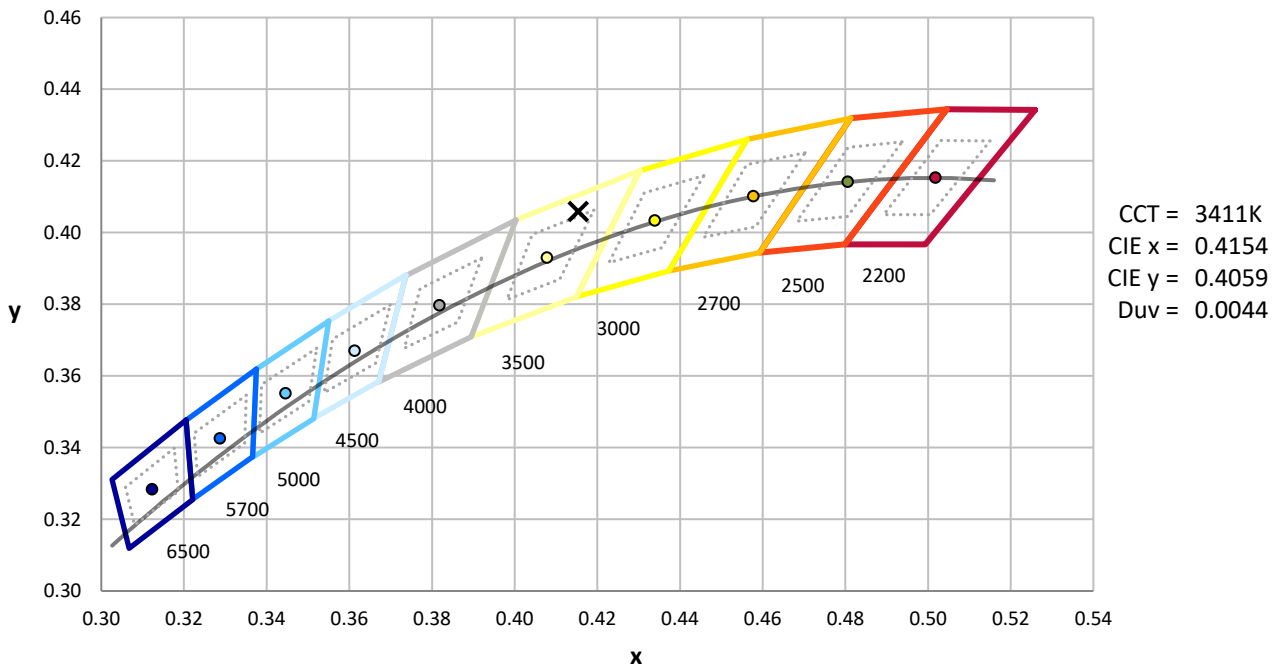
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



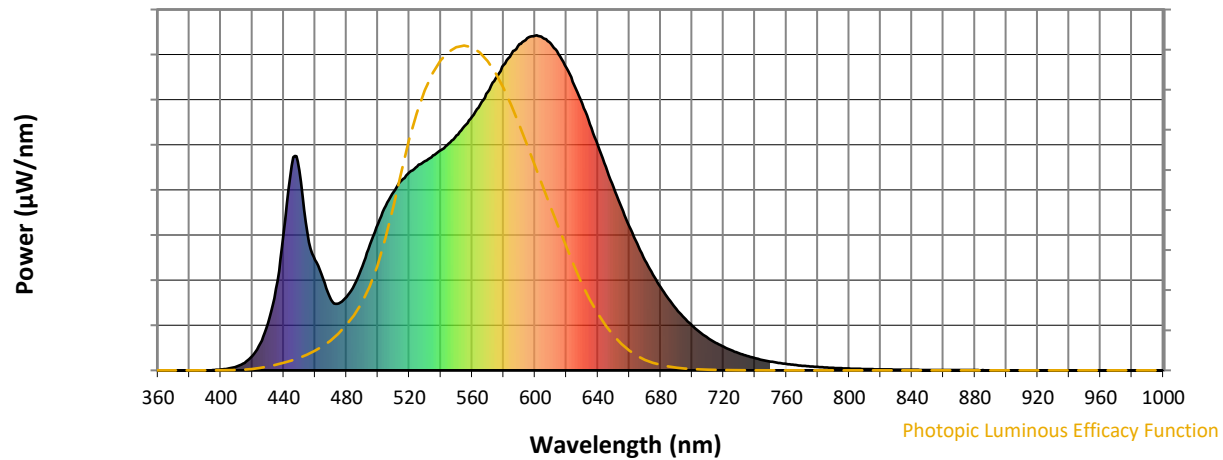
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

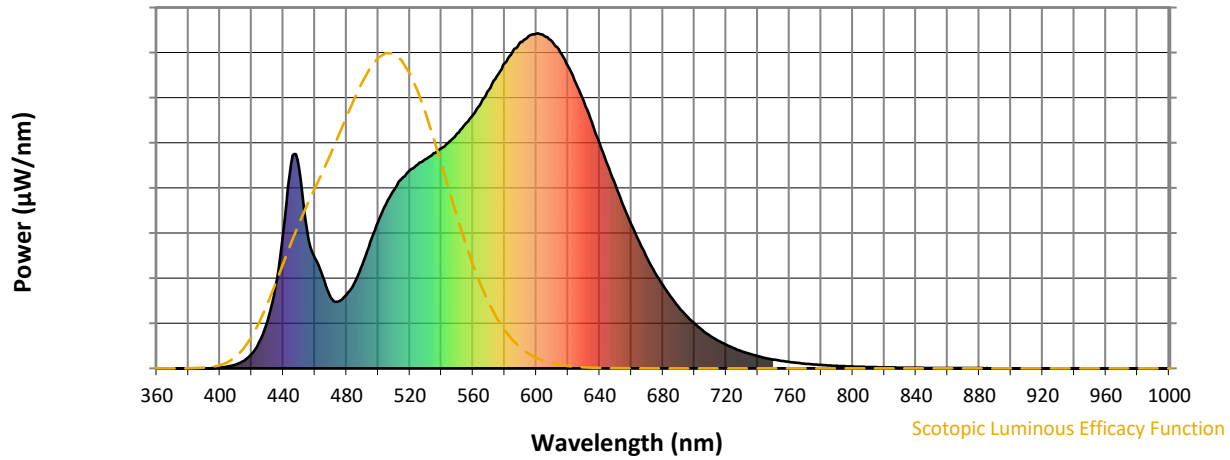


Photopic Lumens: NR

λ (nm)	Power 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	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



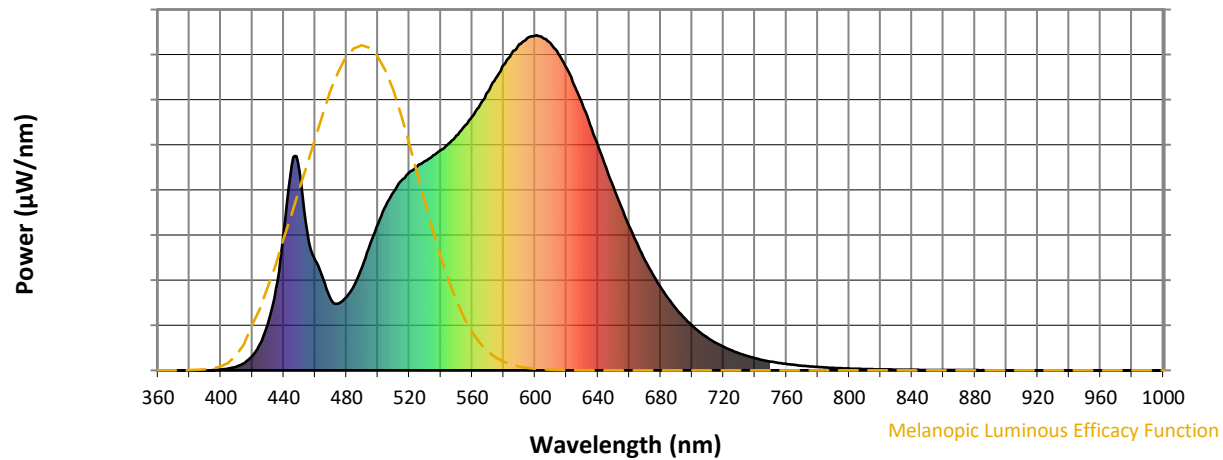
Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

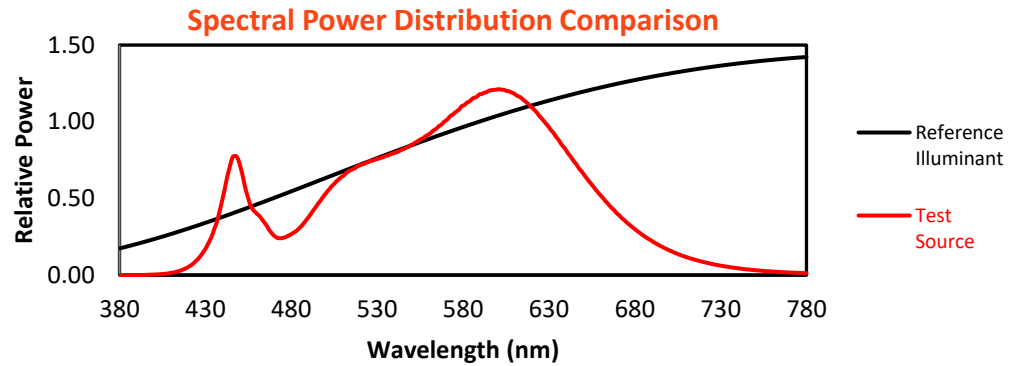
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	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

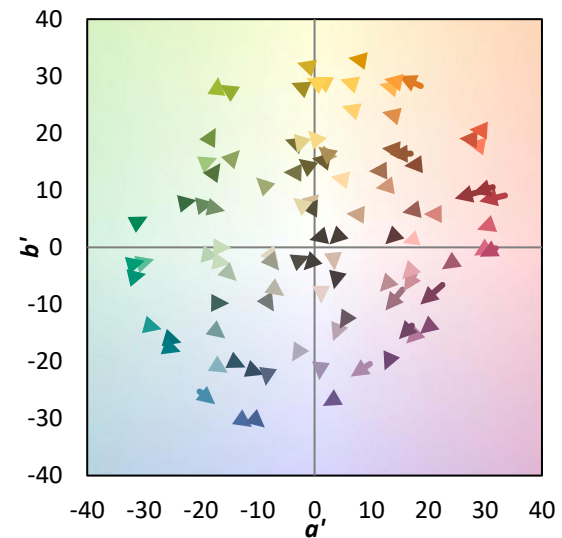
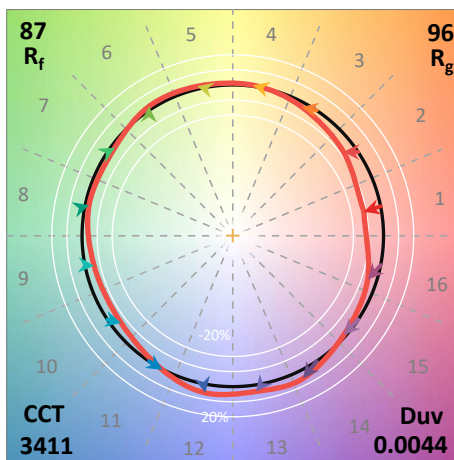
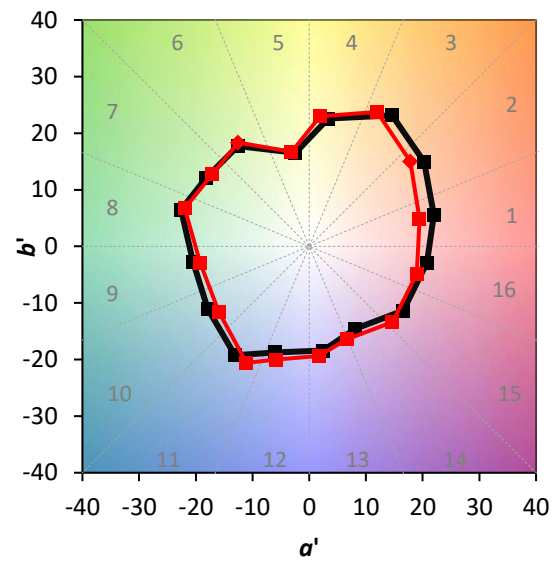
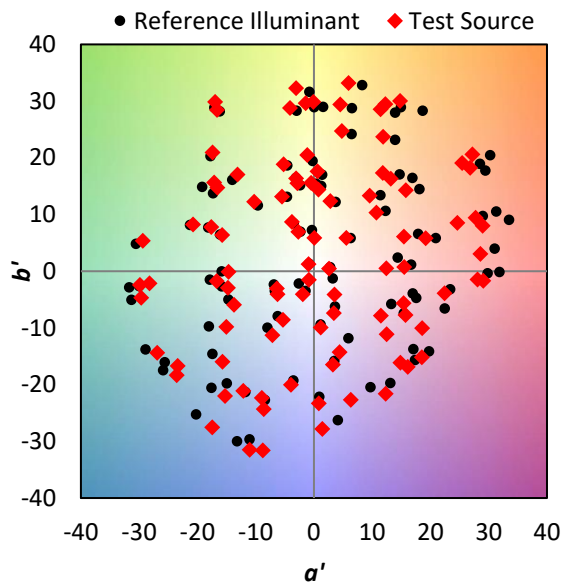
TM-30-18

Summary

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

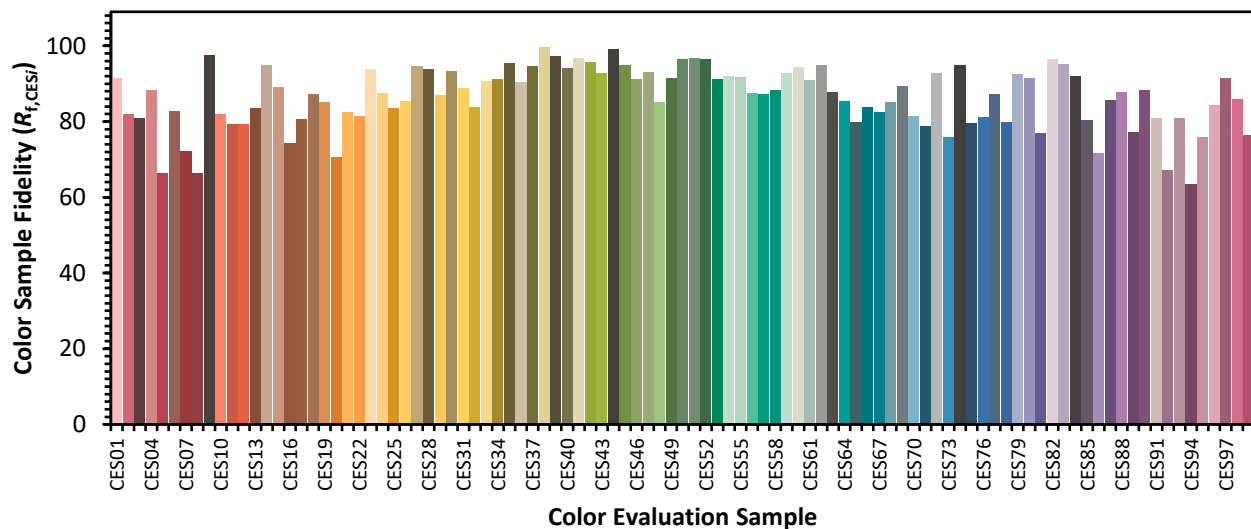


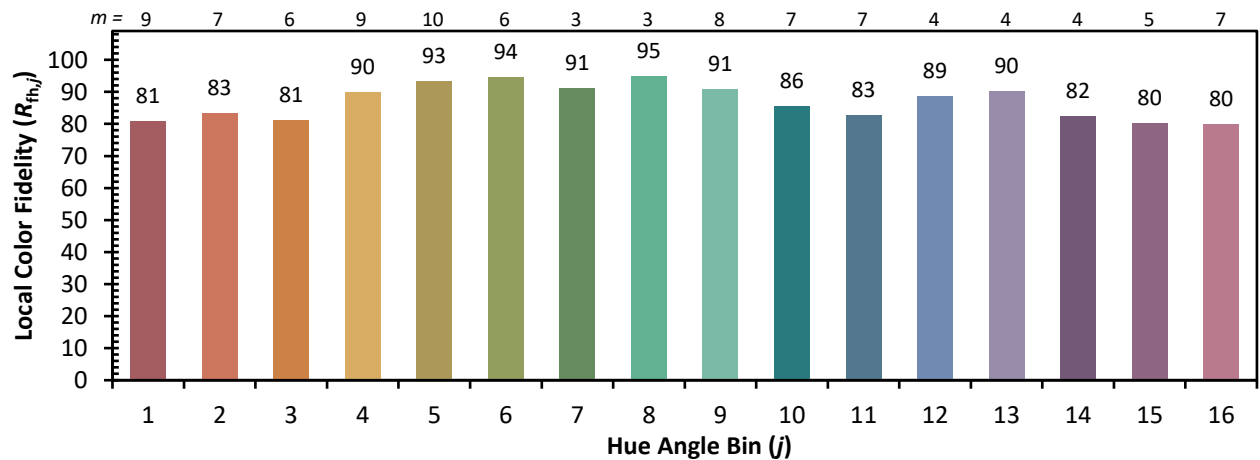
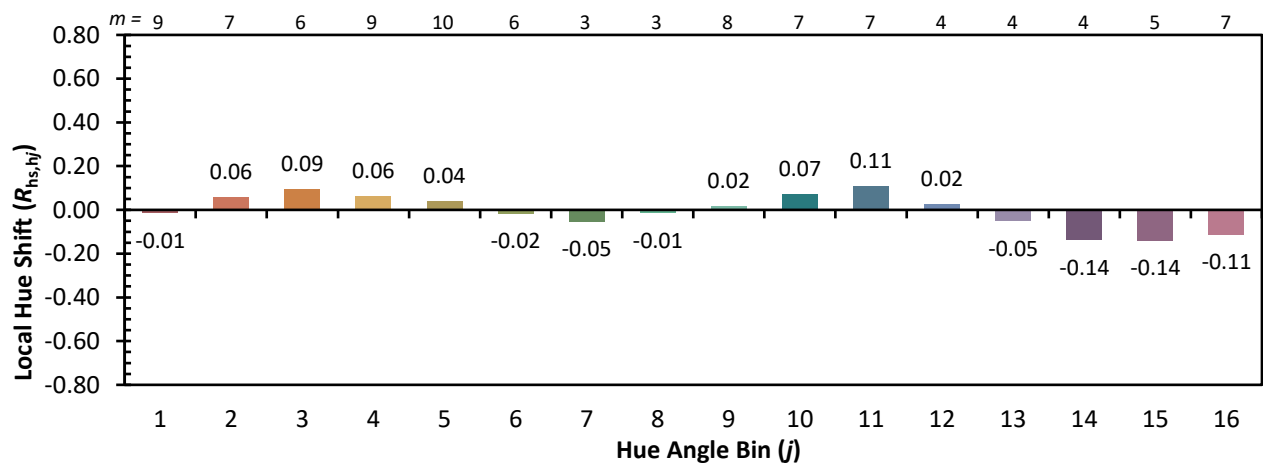
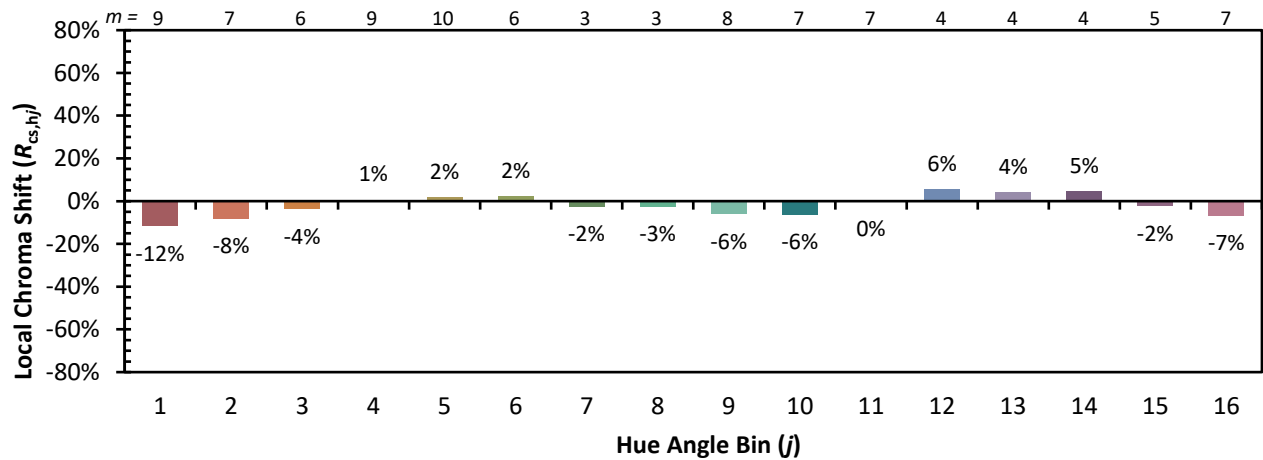
Color Vector Graphics



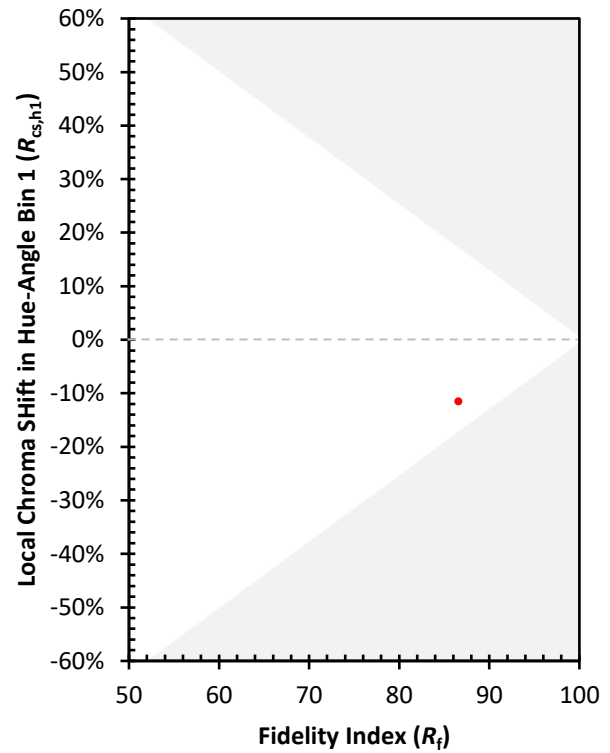
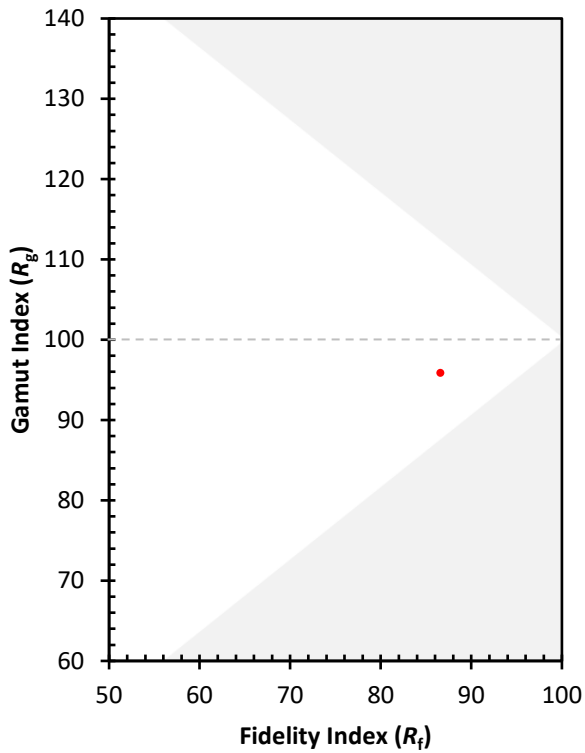
Individual Sample Fidelity Index ($R_{f,i}$)

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)