

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: P1067856

Luminaire Tested: **NAV-SA3D-835-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067856
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3D-835-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13833.8 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 160.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

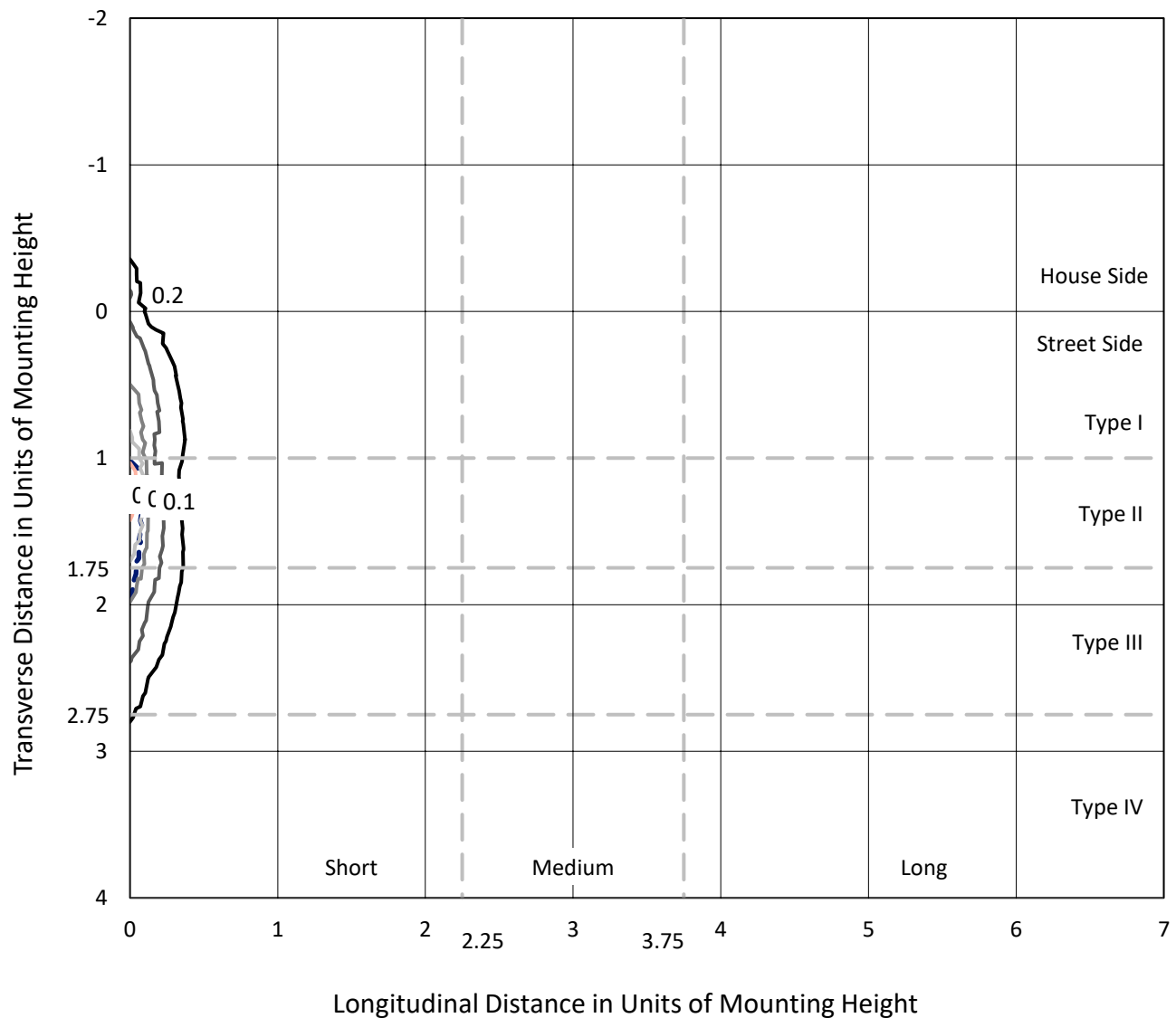


REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

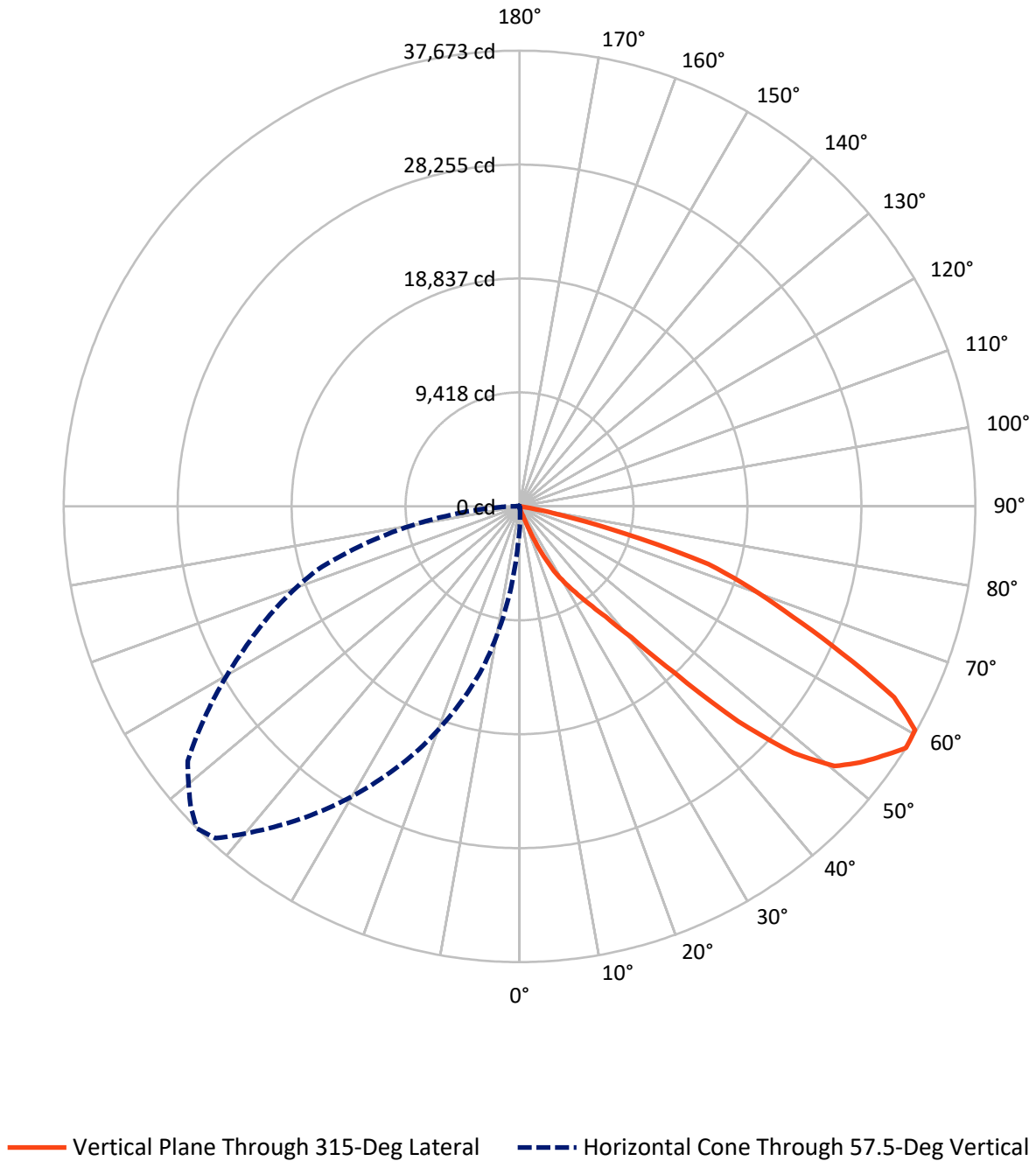


Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

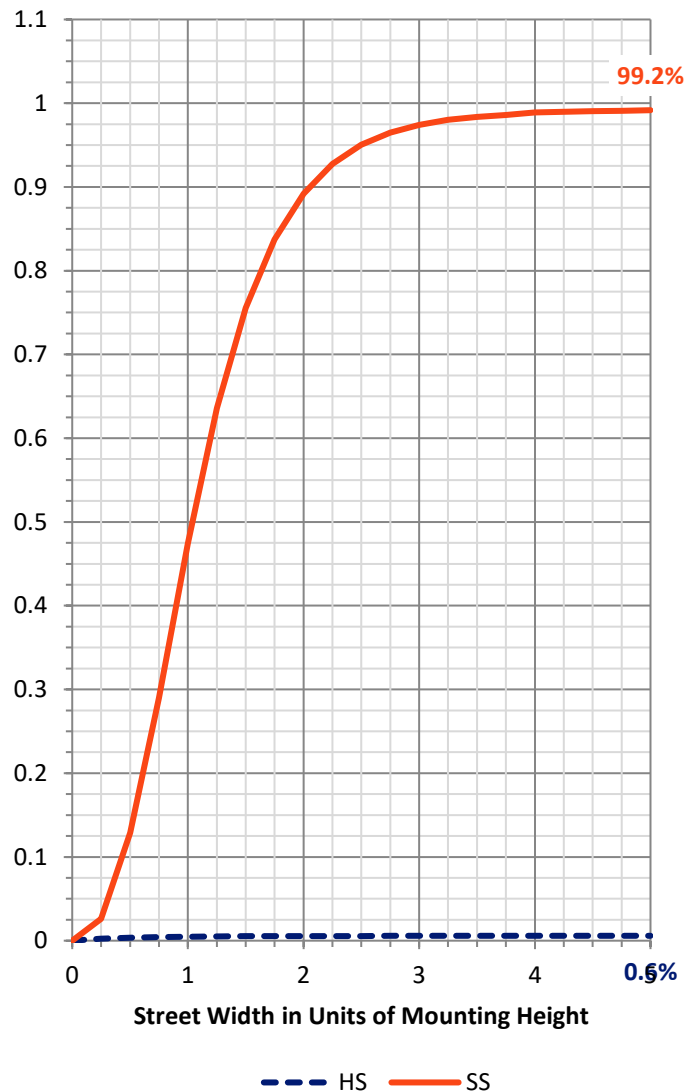
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.3	0.0	82.3
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	13751.4	0.0	13751.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	13833.7	0.0	13833.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.0
10°-20°	20.3	0.1
20°-30°	258.2	1.9
30°-40°	870.2	6.3
40°-50°	2628.0	19.0
50°-60°	4636.6	33.5
60°-70°	4084.8	29.5
70°-80°	1300.3	9.4
80°-90°	31.3	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°	13833.7	100.0
0°-180°	13833.8	100.0



REPORT NUMBER: P1067856

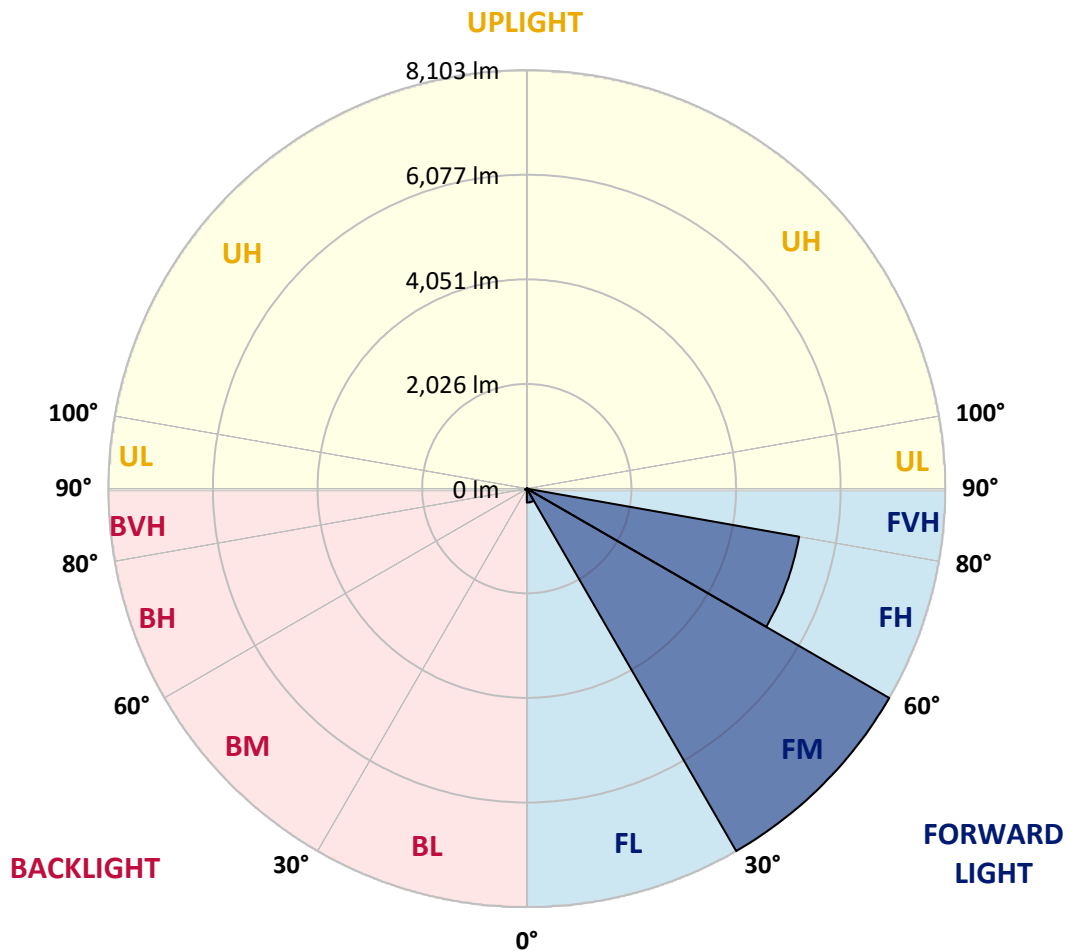
CATALOG NUMBER: NAV-SA3D-835-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	270.2	2.0			
FM	(30°-60°)	8102.9	58.6			
FH	(60°-80°)	5352.9	38.7			G3/7500
FVH	(80°-90°)	25.5	0.2			G1/100
BL	(0°-30°)	12.3	0.1	B0/110		
BM	(30°-60°)	31.9	0.2	B0/220		
BH	(60°-80°)	32.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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-G3

Type III Short



REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	30.4
5°	43.4	43.4	43.4	39.0	39.0	39.0	34.7	34.7	34.7	34.7	34.7
7.5°	52.1	47.7	47.7	43.4	43.4	43.4	39.0	39.0	39.0	39.0	34.7
10°	60.7	56.4	56.4	52.1	52.1	47.7	47.7	43.4	43.4	39.0	39.0
12.5°	69.4	65.1	60.7	56.4	56.4	52.1	52.1	47.7	47.7	43.4	43.4
15°	78.1	73.8	69.4	65.1	60.7	60.7	56.4	52.1	47.7	47.7	43.4
17.5°	91.1	82.4	78.1	69.4	65.1	60.7	56.4	52.1	52.1	47.7	47.7
20°	95.4	86.8	82.4	73.8	69.4	65.1	60.7	56.4	52.1	52.1	47.7
22.5°	112.8	95.4	91.1	82.4	78.1	73.8	65.1	60.7	56.4	52.1	47.7
25°	138.8	112.8	99.8	86.8	82.4	73.8	69.4	60.7	56.4	52.1	47.7
27.5°	169.2	125.8	112.8	95.4	86.8	78.1	69.4	60.7	56.4	52.1	47.7
30°	208.2	147.5	125.8	104.1	95.4	86.8	73.8	65.1	60.7	56.4	47.7
32.5°	290.7	182.2	147.5	112.8	99.8	91.1	78.1	65.1	60.7	56.4	47.7
35°	351.4	221.3	177.9	130.1	112.8	99.8	82.4	65.1	60.7	56.4	47.7
37.5°	407.8	225.6	182.2	138.8	121.5	104.1	82.4	65.1	60.7	56.4	47.7
40°	498.9	234.3	182.2	130.1	117.1	99.8	86.8	69.4	65.1	56.4	52.1
42.5°	672.4	269.0	195.2	121.5	108.5	99.8	86.8	73.8	65.1	60.7	52.1
45°	1119.3	399.1	264.6	125.8	112.8	99.8	86.8	73.8	69.4	60.7	56.4
47.5°	1904.5	694.1	412.1	130.1	117.1	99.8	86.8	69.4	65.1	60.7	52.1
50°	2438.1	889.3	520.6	151.8	130.1	112.8	91.1	69.4	65.1	60.7	56.4
52.5°	2589.9	945.7	564.0	177.9	151.8	125.8	95.4	69.4	65.1	65.1	60.7
55°	2373.0	919.7	564.0	208.2	173.5	143.2	108.5	73.8	69.4	69.4	65.1
57.5°	2017.3	850.3	537.9	225.6	190.9	151.8	117.1	78.1	73.8	73.8	69.4
60°	1661.6	715.8	485.9	251.6	212.6	173.5	134.5	95.4	91.1	86.8	78.1
62.5°	1318.8	577.0	425.1	269.0	229.9	186.5	147.5	104.1	99.8	95.4	91.1
65°	993.5	503.2	394.8	282.0	238.6	195.2	151.8	108.5	104.1	104.1	99.8
67.5°	763.5	459.9	377.4	290.7	247.3	203.9	160.5	117.1	112.8	108.5	104.1
70°	603.0	425.1	355.7	286.3	247.3	208.2	164.9	125.8	117.1	112.8	104.1
72.5°	503.2	386.1	329.7	273.3	242.9	212.6	182.2	151.8	134.5	121.5	104.1
75°	420.8	347.1	299.3	247.3	225.6	208.2	186.5	164.9	143.2	121.5	99.8
77.5°	277.6	251.6	229.9	208.2	195.2	182.2	164.9	151.8	130.1	112.8	91.1
80°	117.1	108.5	112.8	112.8	112.8	112.8	108.5	108.5	95.4	82.4	65.1
82.5°	26.0	21.7	26.0	26.0	26.0	26.0	21.7	21.7	21.7	17.4	17.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
5°	34.7	34.7	34.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
7.5°	34.7	34.7	34.7	30.4	30.4	30.4	30.4	26.0	26.0	26.0	26.0
10°	34.7	34.7	34.7	30.4	30.4	30.4	30.4	26.0	26.0	26.0	26.0
12.5°	39.0	39.0	34.7	34.7	30.4	30.4	30.4	26.0	26.0	26.0	26.0
15°	39.0	39.0	34.7	34.7	30.4	30.4	30.4	26.0	26.0	26.0	26.0
17.5°	43.4	39.0	39.0	34.7	30.4	30.4	30.4	26.0	26.0	26.0	26.0
20°	43.4	39.0	39.0	34.7	30.4	30.4	30.4	26.0	26.0	26.0	26.0
22.5°	43.4	39.0	39.0	34.7	30.4	30.4	26.0	26.0	21.7	21.7	17.4
25°	43.4	39.0	39.0	34.7	30.4	30.4	26.0	26.0	21.7	17.4	17.4
27.5°	43.4	39.0	39.0	34.7	30.4	26.0	26.0	21.7	17.4	13.0	13.0
30°	43.4	39.0	39.0	34.7	30.4	26.0	21.7	17.4	13.0	13.0	8.7
32.5°	43.4	39.0	34.7	30.4	26.0	21.7	21.7	17.4	13.0	8.7	8.7
35°	43.4	39.0	34.7	30.4	26.0	21.7	21.7	17.4	13.0	8.7	8.7
37.5°	43.4	39.0	34.7	30.4	26.0	21.7	17.4	13.0	8.7	8.7	4.3
40°	43.4	39.0	34.7	30.4	26.0	21.7	17.4	13.0	8.7	8.7	4.3
42.5°	43.4	39.0	34.7	30.4	26.0	21.7	17.4	13.0	8.7	8.7	4.3
45°	47.7	43.4	39.0	30.4	26.0	21.7	21.7	17.4	13.0	8.7	8.7
47.5°	47.7	43.4	39.0	30.4	26.0	21.7	21.7	17.4	13.0	8.7	8.7
50°	52.1	47.7	43.4	34.7	30.4	26.0	21.7	13.0	8.7	8.7	4.3
52.5°	56.4	52.1	47.7	43.4	39.0	30.4	21.7	13.0	4.3	4.3	4.3
55°	60.7	56.4	56.4	52.1	47.7	34.7	26.0	13.0	0.0	0.0	0.0
57.5°	65.1	60.7	60.7	56.4	52.1	39.0	26.0	13.0	0.0	0.0	0.0
60°	73.8	69.4	65.1	56.4	52.1	39.0	26.0	13.0	0.0	0.0	0.0
62.5°	86.8	78.1	65.1	56.4	43.4	34.7	21.7	13.0	0.0	0.0	0.0
65°	95.4	82.4	69.4	52.1	39.0	30.4	21.7	8.7	0.0	0.0	0.0
67.5°	99.8	82.4	69.4	52.1	34.7	26.0	17.4	8.7	0.0	0.0	0.0
70°	95.4	78.1	65.1	47.7	30.4	21.7	17.4	8.7	0.0	0.0	0.0
72.5°	86.8	73.8	56.4	43.4	26.0	21.7	13.0	8.7	0.0	0.0	0.0
75°	78.1	65.1	47.7	34.7	17.4	13.0	8.7	4.3	0.0	0.0	0.0
77.5°	69.4	56.4	39.0	26.0	8.7	8.7	4.3	4.3	0.0	0.0	0.0
80°	52.1	39.0	26.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.0	8.7	8.7	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
5°	26.0	26.0	26.0	26.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7.5°	26.0	26.0	26.0	26.0	21.7	21.7	21.7	21.7	17.4	17.4	17.4
10°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	17.4	17.4	17.4
12.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	17.4	17.4	17.4
15°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	17.4	17.4	13.0	13.0
17.5°	21.7	21.7	21.7	21.7	17.4	17.4	17.4	13.0	13.0	8.7	8.7
20°	21.7	21.7	21.7	17.4	17.4	13.0	13.0	8.7	8.7	4.3	4.3
22.5°	17.4	13.0	13.0	8.7	8.7	4.3	4.3	4.3	0.0	0.0	0.0
25°	13.0	8.7	8.7	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	8.7	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	8.7	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	26.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
5°	21.7	21.7	21.7	21.7	17.4	17.4	17.4	17.4	17.4	17.4	17.4
7.5°	17.4	17.4	17.4	17.4	17.4	17.4	13.0	13.0	13.0	13.0	13.0
10°	17.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	8.7	8.7
12.5°	17.4	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7	4.3	4.3
15°	13.0	8.7	8.7	8.7	4.3	4.3	4.3	4.3	4.3	0.0	0.0
17.5°	8.7	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	26.0	26.0
5°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
7.5°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
10°	8.7	8.7	8.7	8.7	8.7	8.7	4.3	4.3	4.3	4.3	4.3
12.5°	4.3	4.3	4.3	4.3	4.3	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	26.0	26.0	26.0	26.0	26.0	30.4	30.4	34.7	34.7	39.0	39.0
5°	17.4	17.4	21.7	21.7	21.7	21.7	26.0	26.0	26.0	30.4	30.4
7.5°	13.0	13.0	13.0	13.0	13.0	17.4	17.4	21.7	21.7	26.0	26.0
10°	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	13.0	17.4	21.7
12.5°	0.0	0.0	4.3	4.3	4.3	4.3	8.7	8.7	8.7	13.0	17.4
15°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	8.7	13.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	8.7
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	43.4	43.4	47.7	47.7	52.1	52.1	56.4	56.4	56.4	56.4	56.4
5°	34.7	34.7	39.0	43.4	43.4	47.7	52.1	52.1	52.1	52.1	52.1
7.5°	30.4	30.4	34.7	39.0	39.0	43.4	47.7	47.7	52.1	52.1	52.1
10°	21.7	26.0	30.4	34.7	34.7	39.0	43.4	43.4	47.7	47.7	47.7
12.5°	17.4	21.7	26.0	30.4	30.4	34.7	39.0	39.0	43.4	43.4	47.7
15°	13.0	17.4	21.7	26.0	26.0	30.4	34.7	34.7	39.0	43.4	47.7
17.5°	8.7	13.0	17.4	21.7	21.7	26.0	30.4	34.7	39.0	39.0	43.4
20°	8.7	8.7	13.0	17.4	17.4	21.7	26.0	30.4	34.7	34.7	39.0
22.5°	4.3	4.3	8.7	13.0	13.0	17.4	21.7	26.0	30.4	30.4	34.7
25°	0.0	0.0	4.3	8.7	8.7	13.0	17.4	17.4	21.7	21.7	26.0
27.5°	0.0	0.0	4.3	4.3	8.7	8.7	13.0	13.0	17.4	17.4	21.7
30°	0.0	0.0	4.3	4.3	8.7	8.7	13.0	13.0	17.4	17.4	17.4
32.5°	0.0	0.0	0.0	4.3	4.3	4.3	8.7	8.7	13.0	13.0	17.4
35°	0.0	0.0	0.0	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0
37.5°	0.0	0.0	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
45°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
50°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3
55°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	8.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3
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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	56.4	56.4
5°	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	52.1	52.1
7.5°	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	52.1	52.1
10°	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
12.5°	47.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
15°	47.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
17.5°	43.4	47.7	47.7	47.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1
20°	39.0	43.4	43.4	43.4	47.7	47.7	47.7	47.7	52.1	52.1	52.1
22.5°	34.7	39.0	39.0	39.0	43.4	43.4	43.4	43.4	47.7	47.7	47.7
25°	30.4	30.4	34.7	34.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0
27.5°	21.7	26.0	26.0	26.0	30.4	30.4	30.4	30.4	34.7	34.7	34.7
30°	21.7	21.7	21.7	21.7	26.0	26.0	26.0	26.0	30.4	30.4	30.4
32.5°	17.4	21.7	21.7	21.7	26.0	26.0	26.0	26.0	30.4	30.4	30.4
35°	17.4	17.4	17.4	17.4	21.7	21.7	21.7	21.7	26.0	26.0	26.0
37.5°	13.0	17.4	17.4	17.4	21.7	21.7	21.7	21.7	26.0	26.0	26.0
40°	13.0	13.0	13.0	13.0	17.4	17.4	17.4	17.4	21.7	21.7	21.7
42.5°	13.0	13.0	13.0	13.0	17.4	17.4	17.4	17.4	21.7	21.7	21.7
45°	13.0	13.0	13.0	13.0	17.4	17.4	17.4	17.4	21.7	21.7	21.7
47.5°	13.0	13.0	13.0	13.0	17.4	17.4	17.4	17.4	21.7	21.7	21.7
50°	13.0	13.0	13.0	13.0	17.4	17.4	17.4	17.4	21.7	21.7	21.7
52.5°	8.7	8.7	8.7	8.7	13.0	13.0	13.0	13.0	17.4	17.4	17.4
55°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	13.0	13.0	13.0
57.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	13.0	13.0	13.0
60°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
62.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	4.3	4.3
67.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
70°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
77.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
80°	13.0	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7	8.7
82.5°	8.7	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7	8.7
85°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	56.4	56.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	56.4	56.4
5°	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	56.4	56.4
7.5°	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	56.4	56.4
10°	52.1	52.1	52.1	52.1	47.7	47.7	52.1	52.1	52.1	56.4	56.4
12.5°	52.1	52.1	52.1	52.1	47.7	47.7	52.1	52.1	56.4	56.4	60.7
15°	52.1	52.1	47.7	47.7	47.7	47.7	52.1	52.1	56.4	56.4	60.7
17.5°	52.1	52.1	47.7	47.7	47.7	47.7	52.1	52.1	56.4	56.4	60.7
20°	52.1	52.1	47.7	47.7	47.7	47.7	47.7	47.7	52.1	56.4	56.4
22.5°	47.7	47.7	47.7	47.7	43.4	43.4	47.7	47.7	52.1	56.4	56.4
25°	39.0	43.4	43.4	43.4	43.4	43.4	47.7	47.7	52.1	56.4	56.4
27.5°	34.7	39.0	39.0	39.0	39.0	43.4	43.4	47.7	52.1	56.4	56.4
30°	30.4	34.7	34.7	34.7	39.0	43.4	43.4	47.7	52.1	56.4	56.4
32.5°	30.4	34.7	34.7	34.7	39.0	39.0	43.4	43.4	47.7	52.1	56.4
35°	30.4	30.4	34.7	34.7	34.7	39.0	39.0	43.4	47.7	52.1	56.4
37.5°	30.4	30.4	34.7	34.7	34.7	39.0	39.0	43.4	47.7	52.1	56.4
40°	26.0	30.4	30.4	34.7	34.7	39.0	39.0	43.4	47.7	56.4	60.7
42.5°	26.0	26.0	30.4	30.4	34.7	39.0	39.0	43.4	47.7	56.4	60.7
45°	26.0	30.4	30.4	34.7	39.0	43.4	43.4	47.7	52.1	56.4	60.7
47.5°	26.0	30.4	30.4	34.7	43.4	43.4	47.7	47.7	52.1	56.4	60.7
50°	26.0	30.4	30.4	34.7	47.7	47.7	47.7	47.7	52.1	56.4	60.7
52.5°	21.7	26.0	26.0	30.4	39.0	43.4	47.7	52.1	56.4	60.7	65.1
55°	17.4	21.7	21.7	26.0	34.7	39.0	47.7	56.4	60.7	65.1	69.4
57.5°	17.4	17.4	21.7	21.7	30.4	39.0	52.1	60.7	65.1	69.4	73.8
60°	13.0	13.0	17.4	17.4	26.0	34.7	47.7	60.7	65.1	73.8	78.1
62.5°	8.7	13.0	13.0	17.4	21.7	34.7	47.7	60.7	69.4	78.1	82.4
65°	8.7	8.7	13.0	13.0	21.7	30.4	43.4	52.1	65.1	78.1	91.1
67.5°	13.0	13.0	17.4	17.4	21.7	30.4	43.4	52.1	65.1	82.4	95.4
70°	13.0	13.0	17.4	17.4	26.0	34.7	43.4	52.1	65.1	82.4	95.4
72.5°	13.0	13.0	17.4	17.4	26.0	30.4	39.0	47.7	60.7	73.8	86.8
75°	8.7	13.0	13.0	13.0	21.7	26.0	34.7	43.4	56.4	69.4	82.4
77.5°	8.7	8.7	8.7	8.7	17.4	21.7	30.4	34.7	47.7	60.7	73.8
80°	8.7	8.7	8.7	8.7	13.0	17.4	26.0	30.4	43.4	56.4	69.4
82.5°	8.7	8.7	4.3	4.3	8.7	13.0	17.4	21.7	34.7	43.4	56.4
85°	8.7	8.7	4.3	4.3	4.3	8.7	8.7	13.0	17.4	21.7	26.0
87.5°	8.7	8.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	56.4	56.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
5°	56.4	60.7	60.7	65.1	65.1	65.1	69.4	69.4	69.4	69.4	69.4
7.5°	56.4	60.7	60.7	65.1	65.1	65.1	69.4	69.4	69.4	73.8	73.8
10°	56.4	60.7	60.7	65.1	65.1	69.4	73.8	73.8	78.1	78.1	78.1
12.5°	60.7	65.1	65.1	69.4	69.4	73.8	78.1	78.1	82.4	86.8	86.8
15°	60.7	65.1	69.4	69.4	73.8	78.1	82.4	82.4	86.8	91.1	95.4
17.5°	60.7	65.1	69.4	69.4	73.8	78.1	86.8	91.1	95.4	104.1	108.5
20°	60.7	65.1	69.4	69.4	73.8	82.4	86.8	95.4	99.8	108.5	117.1
22.5°	60.7	65.1	69.4	73.8	78.1	86.8	95.4	99.8	108.5	121.5	130.1
25°	60.7	65.1	69.4	73.8	78.1	86.8	95.4	104.1	112.8	130.1	147.5
27.5°	60.7	65.1	73.8	78.1	82.4	91.1	104.1	112.8	121.5	151.8	182.2
30°	60.7	65.1	73.8	78.1	82.4	95.4	108.5	117.1	130.1	182.2	229.9
32.5°	60.7	69.4	73.8	82.4	86.8	99.8	117.1	130.1	143.2	216.9	286.3
35°	60.7	69.4	73.8	82.4	86.8	104.1	121.5	138.8	156.2	264.6	373.1
37.5°	60.7	69.4	73.8	82.4	86.8	112.8	138.8	164.9	190.9	303.7	416.5
40°	65.1	73.8	78.1	86.8	91.1	117.1	143.2	169.2	195.2	308.0	420.8
42.5°	65.1	73.8	78.1	86.8	91.1	112.8	138.8	160.5	182.2	308.0	433.8
45°	65.1	73.8	82.4	86.8	95.4	117.1	138.8	156.2	177.9	338.4	494.6
47.5°	65.1	73.8	82.4	86.8	95.4	117.1	138.8	160.5	182.2	446.8	707.1
50°	65.1	73.8	82.4	86.8	95.4	121.5	147.5	173.5	199.6	668.1	1136.6
52.5°	69.4	73.8	82.4	86.8	91.1	121.5	151.8	182.2	212.6	867.7	1518.4
55°	73.8	78.1	82.4	86.8	91.1	130.1	169.2	208.2	247.3	932.7	1613.8
57.5°	78.1	82.4	86.8	86.8	91.1	138.8	190.9	238.6	286.3	928.4	1566.1
60°	82.4	86.8	91.1	95.4	99.8	147.5	199.6	247.3	295.0	841.6	1388.2
62.5°	91.1	99.8	108.5	112.8	121.5	169.2	212.6	260.3	303.7	689.8	1071.5
65°	104.1	112.8	117.1	125.8	130.1	173.5	221.3	264.6	308.0	572.6	832.9
67.5°	108.5	117.1	121.5	130.1	134.5	177.9	221.3	264.6	308.0	485.9	659.4
70°	108.5	117.1	125.8	130.1	138.8	182.2	221.3	264.6	303.7	420.8	537.9
72.5°	99.8	112.8	121.5	134.5	143.2	182.2	216.9	256.0	290.7	373.1	455.5
75°	95.4	112.8	125.8	143.2	156.2	182.2	212.6	238.6	264.6	325.4	386.1
77.5°	86.8	108.5	130.1	151.8	173.5	190.9	203.9	221.3	234.3	273.3	312.4
80°	82.4	104.1	125.8	147.5	169.2	177.9	182.2	190.9	195.2	199.6	203.9
82.5°	65.1	82.4	99.8	112.8	130.1	121.5	117.1	108.5	99.8	95.4	91.1
85°	30.4	34.7	34.7	39.0	39.0	39.0	34.7	34.7	30.4	26.0	21.7
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	60.7	60.7	60.7	60.7	56.4	56.4	56.4	56.4	52.1	52.1	52.1
5°	69.4	69.4	69.4	69.4	65.1	65.1	65.1	65.1	60.7	60.7	60.7
7.5°	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
10°	82.4	82.4	82.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
12.5°	91.1	91.1	95.4	95.4	99.8	99.8	104.1	104.1	108.5	108.5	108.5
15°	99.8	104.1	108.5	112.8	112.8	117.1	121.5	125.8	130.1	134.5	138.8
17.5°	117.1	121.5	130.1	138.8	147.5	156.2	169.2	186.5	199.6	212.6	229.9
20°	130.1	143.2	169.2	199.6	225.6	251.6	316.7	381.8	446.8	511.9	577.0
22.5°	156.2	182.2	269.0	360.1	446.8	533.6	737.5	941.4	1141.0	1344.9	1527.1
25°	208.2	264.6	464.2	663.8	859.0	1058.5	1422.9	1791.7	2156.1	2520.5	2858.9
27.5°	286.3	390.4	715.8	1045.5	1370.9	1696.3	2225.5	2759.1	3288.4	3822.0	4294.9
30°	399.1	568.3	1054.2	1544.4	2030.3	2516.2	3184.3	3856.7	4524.8	5192.9	5626.7
32.5°	542.3	793.9	1409.9	2026.0	2642.0	3258.0	3995.5	4733.0	5466.2	6203.7	6663.6
35°	694.1	1015.2	1757.0	2503.2	3245.0	3991.2	4767.7	5544.3	6320.8	7097.4	7661.4
37.5°	780.9	1145.3	2026.0	2906.6	3783.0	4663.6	5513.9	6368.6	7218.9	8069.2	8754.6
40°	863.3	1301.5	2316.6	3331.8	4346.9	5362.1	6355.5	7349.0	8342.5	9335.9	10216.6
42.5°	984.8	1535.7	2720.1	3904.4	5084.4	6268.8	7574.6	8884.7	10190.6	11496.4	12849.9
45°	1236.4	1978.2	3514.0	5049.7	6581.1	8116.9	9969.3	11826.1	13678.5	15535.3	17270.6
47.5°	1843.8	2976.0	5071.4	7166.8	9262.2	11357.6	13492.0	15626.4	17760.8	19895.2	21960.2
50°	2854.6	4568.2	7188.5	9808.8	12424.8	15045.1	17175.2	19305.2	21431.0	23561.1	25613.1
52.5°	3804.7	6090.9	8906.4	11726.3	14541.8	17361.7	19248.8	21136.0	23023.1	24910.3	26897.2
55°	4130.0	6641.9	9492.1	12346.7	15196.9	18051.5	19869.2	21691.3	23509.0	25326.7	27387.4
57.5°	3843.7	6121.3	8993.2	11865.1	14732.7	17604.6	19634.9	21669.6	23699.9	25734.5	27942.7
60°	3219.0	5045.4	8060.5	11079.9	14095.0	17110.1	19400.7	21691.3	23981.9	26272.5	28476.3
62.5°	2550.9	4025.9	7218.9	10411.8	13604.8	16797.7	19127.4	21461.4	23791.0	26120.6	27812.6
65°	1956.6	3080.2	6221.1	9366.3	12507.2	15652.4	17561.3	19474.4	21383.3	23296.4	24467.8
67.5°	1453.3	2247.2	4993.3	7743.8	10489.9	13236.0	14641.6	16051.5	17457.1	18867.1	19778.1
70°	1071.5	1600.8	3470.6	5340.4	7205.8	9075.6	10364.1	11652.6	12936.7	14225.1	15170.9
72.5°	741.8	1023.8	2143.1	3266.7	4386.0	5505.2	6811.1	8116.9	9418.4	10724.2	11800.1
75°	507.6	629.0	1154.0	1678.9	2203.8	2728.8	3717.9	4707.0	5696.1	6685.3	7253.6
77.5°	377.4	442.5	598.7	759.2	915.4	1071.5	1262.4	1453.3	1644.2	1835.1	2082.4
80°	208.2	208.2	229.9	247.3	269.0	286.3	338.4	394.8	446.8	503.2	572.6
82.5°	95.4	99.8	108.5	117.1	121.5	130.1	138.8	147.5	156.2	164.9	164.9
85°	26.0	30.4	30.4	26.0	26.0	21.7	21.7	26.0	26.0	26.0	26.0
87.5°	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	52.1	47.7	47.7	47.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4
5°	60.7	60.7	60.7	60.7	56.4	56.4	56.4	56.4	56.4	52.1	52.1
7.5°	73.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	65.1	65.1
10°	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	82.4	82.4
12.5°	108.5	108.5	108.5	108.5	112.8	112.8	108.5	108.5	108.5	104.1	104.1
15°	143.2	147.5	151.8	151.8	156.2	156.2	156.2	151.8	151.8	147.5	143.2
17.5°	242.9	256.0	273.3	290.7	308.0	321.0	321.0	312.4	303.7	295.0	286.3
20°	646.4	711.5	780.9	850.3	924.0	976.1	941.4	915.4	889.3	859.0	832.9
22.5°	1713.6	1895.8	2082.4	2212.5	2342.7	2433.8	2360.0	2216.8	2073.7	1934.9	1791.7
25°	3197.3	3531.3	3869.7	4008.5	4151.7	4255.8	4208.1	3991.2	3774.3	3561.7	3344.8
27.5°	4767.7	5236.3	5709.1	5830.6	5952.1	6043.2	6025.8	5743.9	5461.9	5179.9	4897.9
30°	6060.5	6494.4	6928.2	7049.7	7171.1	7253.6	7162.5	6880.5	6598.5	6316.5	6034.5
32.5°	7127.8	7587.6	8051.8	8212.3	8372.8	8481.3	8372.8	8034.4	7696.1	7362.0	7023.6
35°	8225.3	8785.0	9348.9	9552.8	9756.7	9886.9	9704.7	9288.2	8871.7	8459.6	8043.1
37.5°	9440.0	10121.2	10806.6	11084.2	11366.2	11561.5	11422.6	10902.0	10377.1	9856.5	9331.6
40°	11101.6	11982.3	12867.3	13366.2	13860.7	14212.1	13964.8	13361.8	12754.5	12151.5	11544.1
42.5°	14207.8	15561.3	16914.9	17630.7	18342.1	18858.4	18580.7	17838.9	17097.1	16355.2	15613.4
45°	19005.9	20736.9	22472.2	23517.7	24567.5	25339.8	25018.7	24086.0	23148.9	22216.2	21283.5
47.5°	24025.3	26090.3	28155.3	28988.2	29825.5	30476.2	30398.2	29235.5	28072.9	26914.5	25751.9
50°	27669.4	29721.4	31773.4	32489.2	33209.3	33743.0	33543.4	32064.0	30580.4	29101.0	27617.3
52.5°	28884.1	30866.7	32853.6	33708.2	34562.9	35200.6	34957.7	33291.8	31625.9	29964.3	28298.4
55°	29448.1	31508.8	33569.4	34610.6	35656.1	36419.7	36068.3	34241.9	32411.1	30584.7	28754.0
57.5°	30150.9	32359.0	34567.2	35708.2	36849.1	37673.4	37204.9	35313.4	33421.9	31534.8	29643.3
60°	30680.1	32879.6	35083.5	35998.8	36918.6	37560.6	37109.4	35270.0	33426.3	31586.8	29747.4
62.5°	29508.8	31200.7	32892.7	33573.8	34254.9	34749.4	34493.5	32749.5	31005.5	29261.5	27517.6
65°	25643.4	26814.8	27990.4	28450.3	28905.8	29257.2	29179.1	27708.4	26237.8	24771.4	23300.8
67.5°	20693.5	21604.5	22519.9	23170.6	23825.7	24333.3	24276.9	22936.4	21595.8	20255.3	18914.8
70°	16121.0	17066.7	18012.4	18832.4	19656.6	20294.4	20211.9	18966.9	17717.4	16472.4	15222.9
72.5°	12880.3	13956.2	15032.1	15500.6	15969.1	16298.8	16055.9	15114.5	14168.7	13227.3	12281.6
75°	7821.9	8385.8	8954.2	8949.8	8949.8	8897.8	8654.8	8116.9	7578.9	7041.0	6503.0
77.5°	2329.6	2576.9	2824.2	3062.8	3305.8	3488.0	3440.2	3158.3	2871.9	2589.9	2303.6
80°	642.1	707.1	776.5	806.9	837.3	876.3	976.1	906.7	837.3	772.2	702.8
82.5°	164.9	164.9	164.9	160.5	156.2	147.5	134.5	125.8	117.1	108.5	99.8
85°	26.0	21.7	21.7	21.7	17.4	17.4	17.4	17.4	13.0	13.0	8.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	43.4	43.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	34.7
5°	52.1	52.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	43.4
7.5°	65.1	65.1	60.7	60.7	60.7	60.7	56.4	56.4	56.4	56.4	52.1
10°	82.4	78.1	78.1	73.8	73.8	73.8	69.4	69.4	69.4	65.1	65.1
12.5°	104.1	99.8	99.8	95.4	91.1	91.1	86.8	82.4	78.1	78.1	73.8
15°	138.8	134.5	130.1	125.8	121.5	112.8	108.5	99.8	95.4	91.1	86.8
17.5°	264.6	242.9	221.3	199.6	182.2	164.9	147.5	130.1	121.5	112.8	104.1
20°	737.5	637.7	542.3	446.8	386.1	325.4	264.6	203.9	177.9	156.2	130.1
22.5°	1596.5	1396.9	1201.7	1002.1	841.6	685.4	524.9	364.4	303.7	247.3	186.5
25°	2967.4	2585.6	2208.2	1826.4	1522.7	1219.0	915.4	611.7	498.9	386.1	273.3
27.5°	4403.3	3908.8	3414.2	2919.6	2438.1	1952.2	1466.3	984.8	789.6	598.7	403.5
30°	5509.6	4984.7	4464.1	3939.1	3331.8	2724.4	2112.7	1505.4	1197.4	889.3	577.0
32.5°	6459.7	5891.4	5327.4	4759.1	4056.3	3353.5	2650.7	1947.9	1561.8	1175.7	785.2
35°	7401.1	6754.7	6112.6	5466.2	4711.3	3956.5	3201.6	2446.8	1956.6	1466.3	971.8
37.5°	8546.4	7756.8	6971.6	6186.4	5409.8	4637.6	3861.0	3084.5	2459.8	1839.4	1214.7
40°	10542.0	9535.5	8533.3	7526.9	6620.2	5717.8	4811.1	3904.4	3119.2	2334.0	1544.4
42.5°	14350.9	13088.5	11830.4	10568.0	9314.2	8060.5	6802.4	5548.6	4429.4	3314.4	2195.2
45°	19665.3	18047.1	16433.3	14815.1	13270.7	11730.6	10186.2	8641.8	6941.2	5240.6	3535.7
47.5°	23981.9	22207.5	20437.5	18663.2	16949.6	15240.3	13526.7	11813.1	9635.3	7461.8	5284.0
50°	25929.8	24237.8	22550.3	20858.3	19140.4	17418.1	15695.8	13977.9	11479.0	8984.5	6485.7
52.5°	26584.8	24866.9	23153.3	21435.3	19730.4	18025.5	16320.5	14615.6	12017.0	9422.7	6824.1
55°	26944.9	25131.5	23322.5	21509.1	19674.0	17834.6	15995.1	14160.1	11574.5	8993.2	6407.6
57.5°	27673.7	25699.8	23730.3	21756.4	19665.3	17574.3	15478.9	13387.9	10837.0	8286.1	5735.2
60°	27808.2	25864.7	23925.5	21986.3	19674.0	17361.7	15045.1	12732.8	10199.2	7670.0	5136.5
62.5°	25895.0	24272.5	22654.4	21031.9	18715.2	16398.6	14077.6	11761.0	9335.9	6910.8	4481.4
65°	21899.5	20498.3	19101.3	17700.1	15808.6	13921.5	12030.0	10138.5	7973.7	5813.3	3648.5
67.5°	17543.9	16173.0	14806.5	13435.6	12012.6	10594.0	9171.1	7748.1	6077.9	4407.7	2737.4
70°	13908.4	12589.6	11275.1	9956.3	8698.2	7435.8	6173.3	4915.2	3878.4	2845.9	1809.1
72.5°	11023.5	9761.1	8503.0	7240.5	6099.6	4958.6	3817.7	2676.7	2160.5	1648.5	1132.3
75°	5848.0	5192.9	4542.2	3887.1	3245.0	2598.6	1952.2	1310.2	1106.3	902.4	694.1
77.5°	2017.3	1731.0	1449.0	1162.7	967.4	772.2	577.0	381.8	360.1	342.7	321.0
80°	611.7	520.6	429.5	338.4	299.3	260.3	221.3	182.2	169.2	156.2	138.8
82.5°	95.4	86.8	82.4	73.8	69.4	69.4	65.1	60.7	52.1	47.7	39.0
85°	8.7	4.3	4.3	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: P1067856

CATALOG NUMBER: NAV-SA3D-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: P1067856

CATALOG NUMBER: NAV-SA3D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	39.0	39.0
2.5°	34.7	34.7
5°	43.4	43.4
7.5°	52.1	52.1
10°	60.7	60.7
12.5°	69.4	69.4
15°	82.4	78.1
17.5°	95.4	91.1
20°	104.1	95.4
22.5°	125.8	108.5
25°	160.5	134.5
27.5°	208.2	164.9
30°	269.0	208.2
32.5°	399.1	290.7
35°	481.5	351.4
37.5°	590.0	407.8
40°	759.2	494.6
42.5°	1075.9	672.4
45°	1835.1	1114.9
47.5°	3110.5	1900.2
50°	3986.9	2438.1
52.5°	4229.8	2585.6
55°	3826.3	2373.0
57.5°	3184.3	2017.3
60°	2607.3	1661.6
62.5°	2056.3	1314.5
65°	1483.7	993.5
67.5°	1067.2	763.5
70°	776.5	598.7
72.5°	616.0	498.9
75°	490.2	416.5
77.5°	303.7	277.6
80°	125.8	117.1
82.5°	30.4	26.0
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1067856

CATALOG NUMBER: NAV-SA3D-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

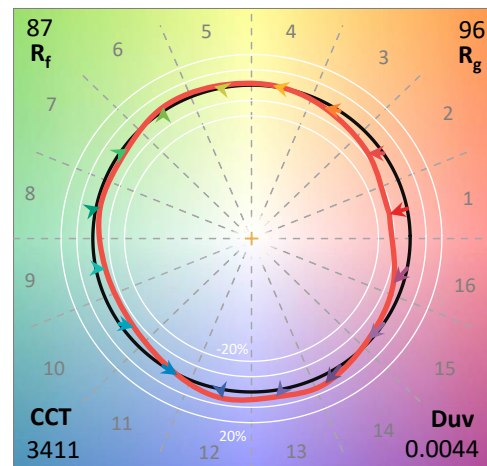
Test Information

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

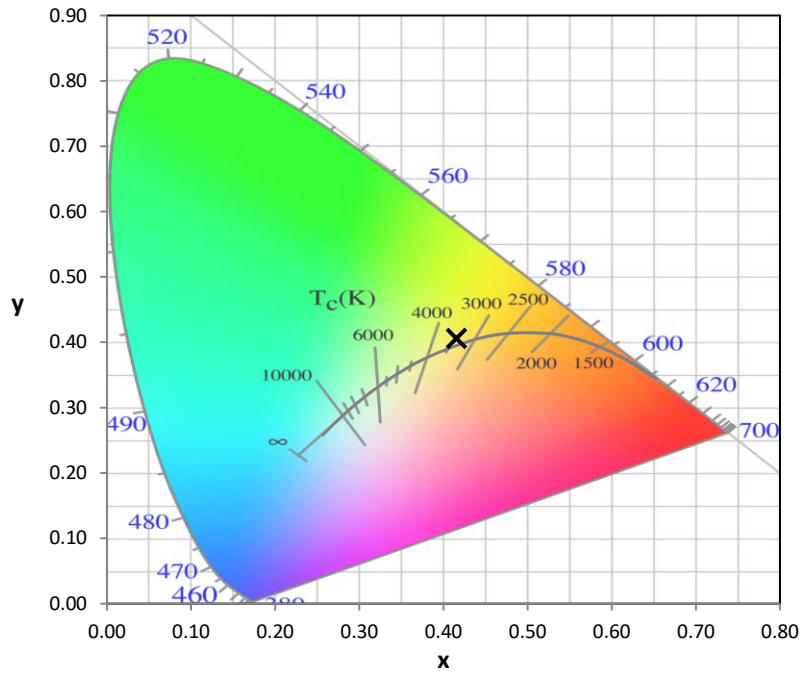
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

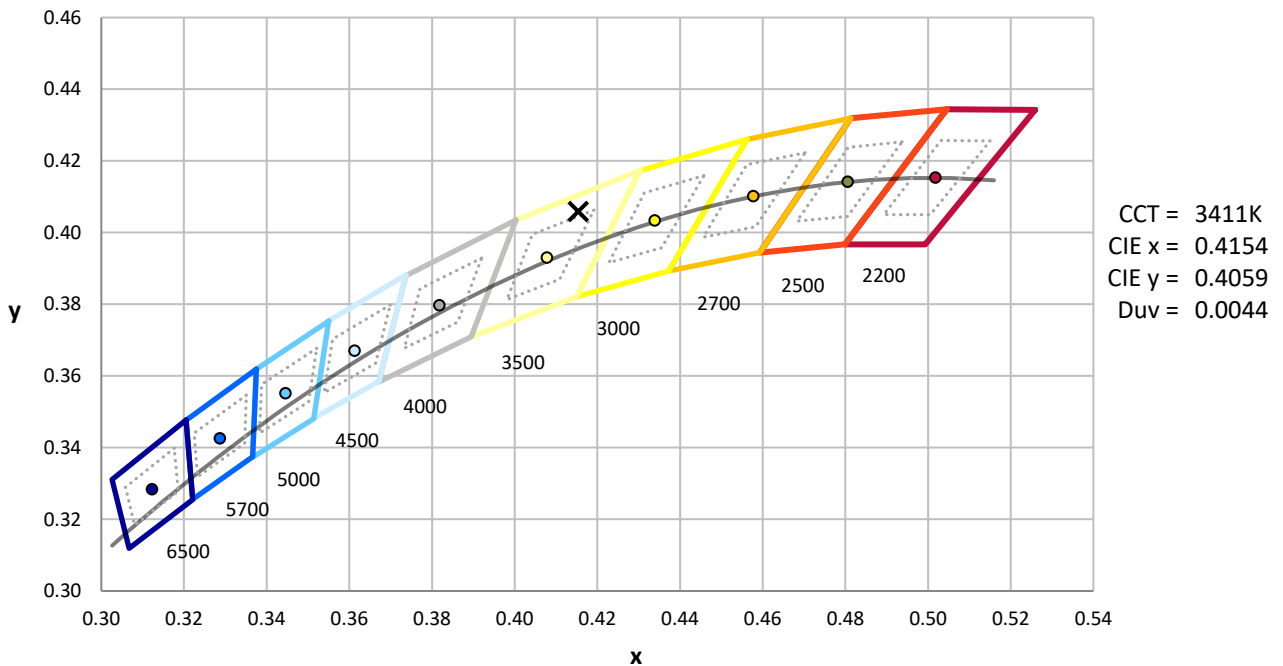
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



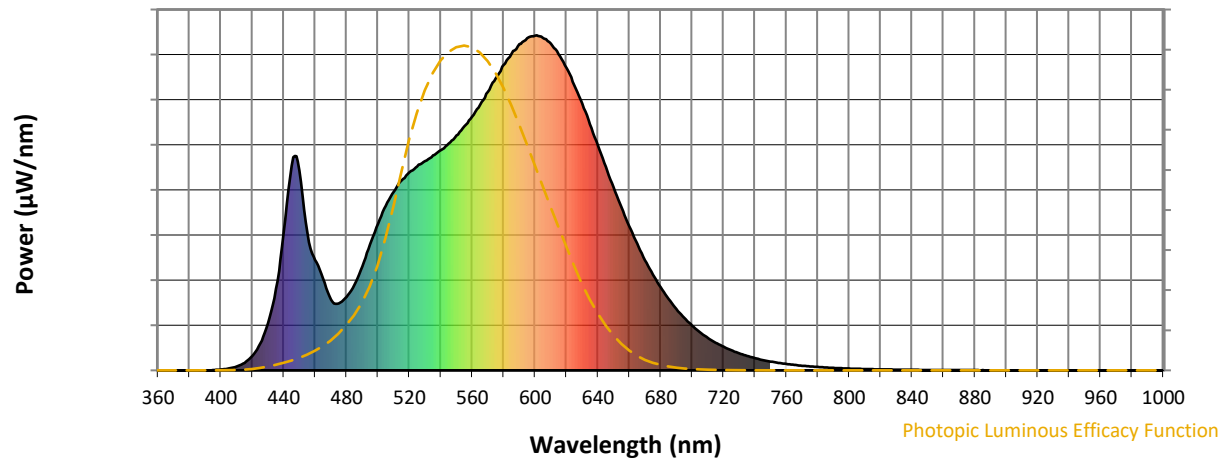
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

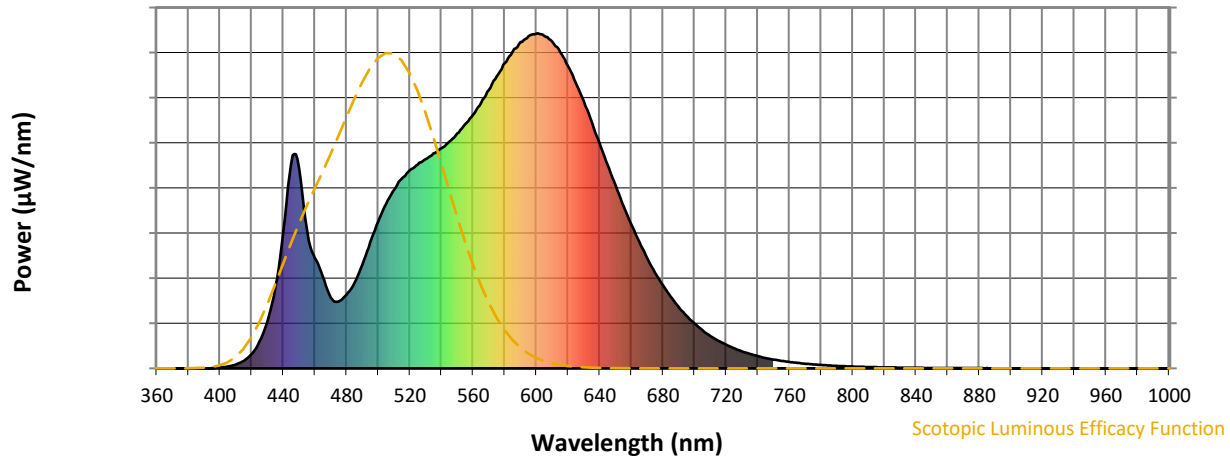


Photopic Lumens: NR

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



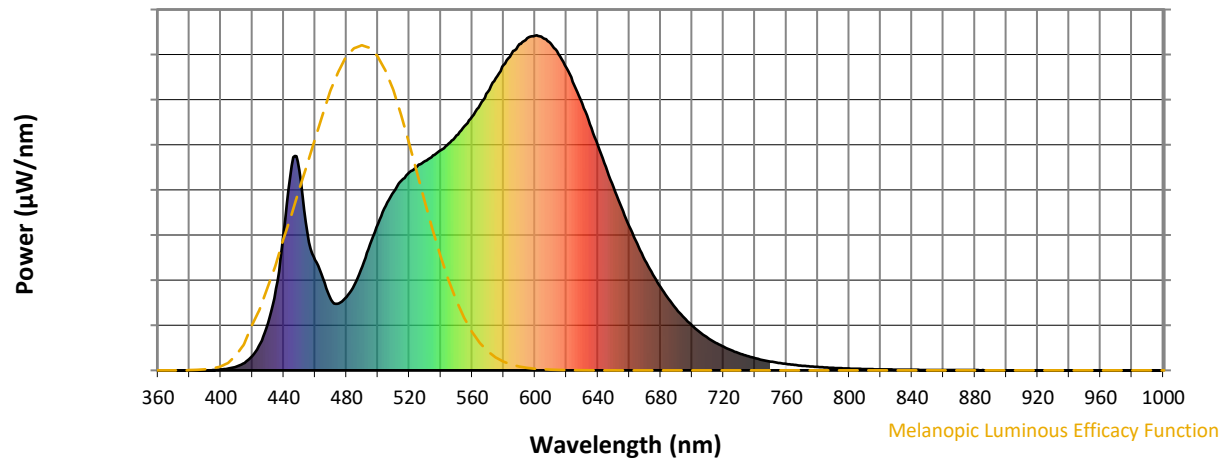
Scotopic Lumens: NR

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

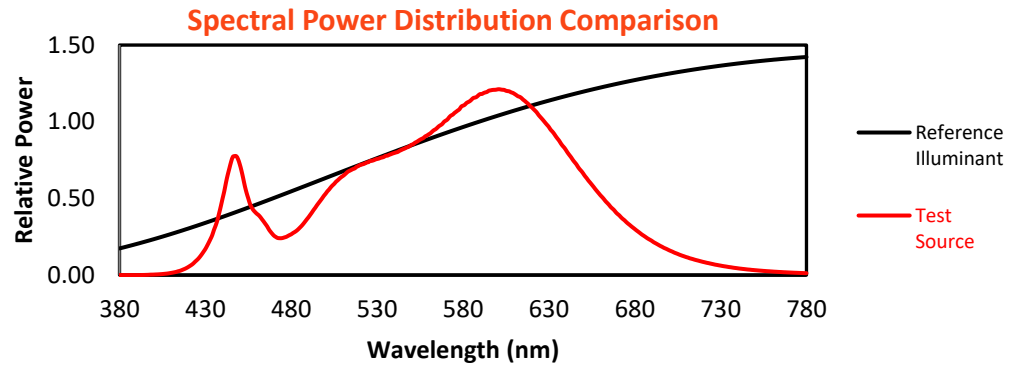
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	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

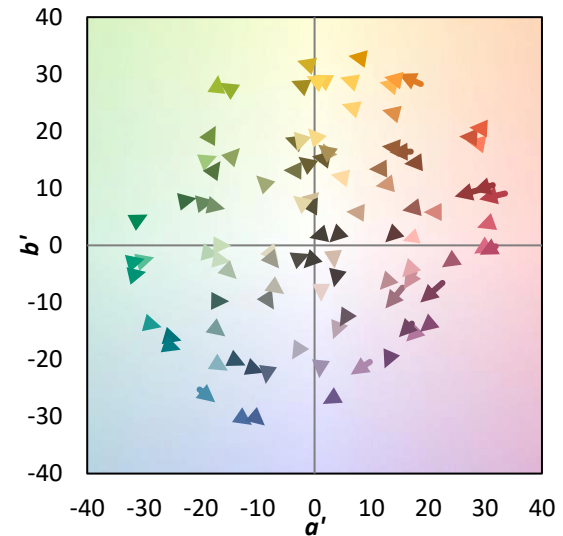
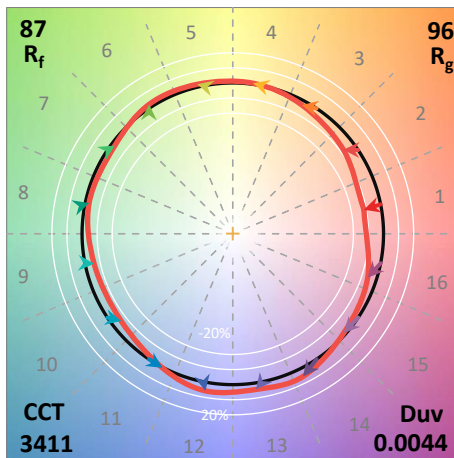
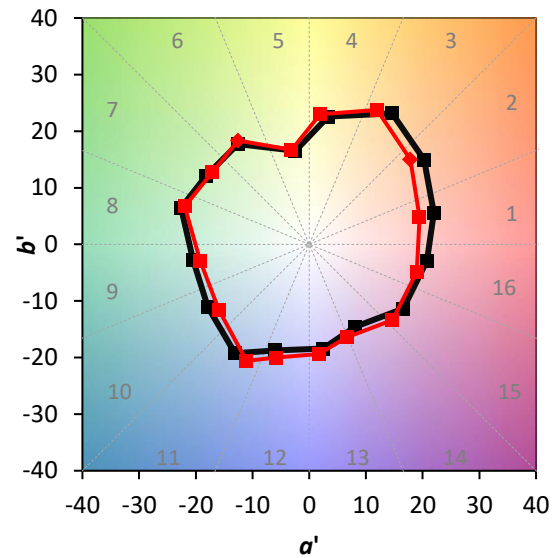
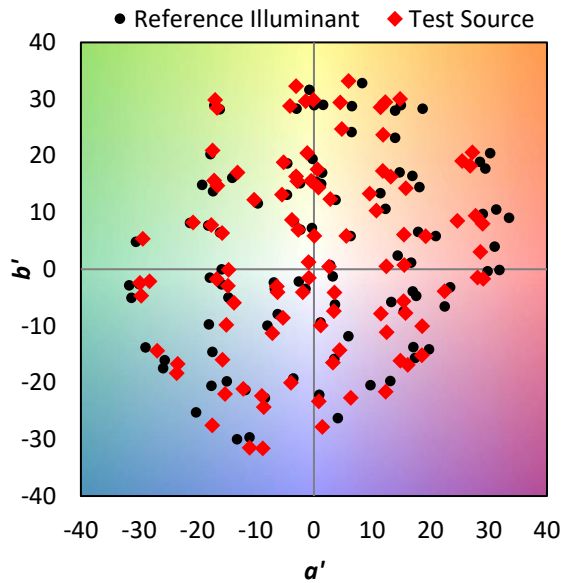
TM-30-18

Summary

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

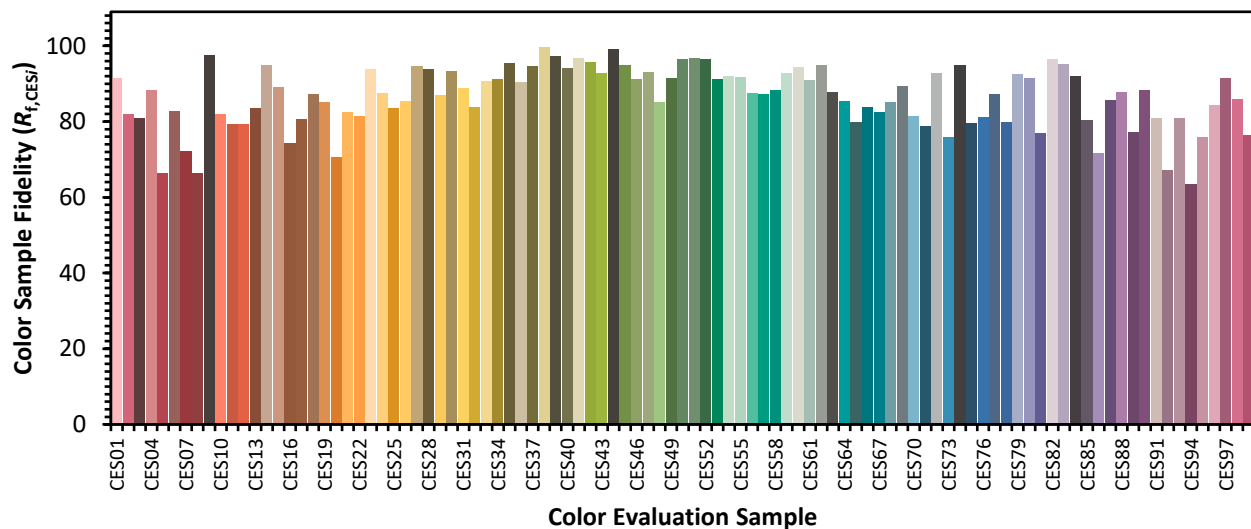


Color Vector Graphics

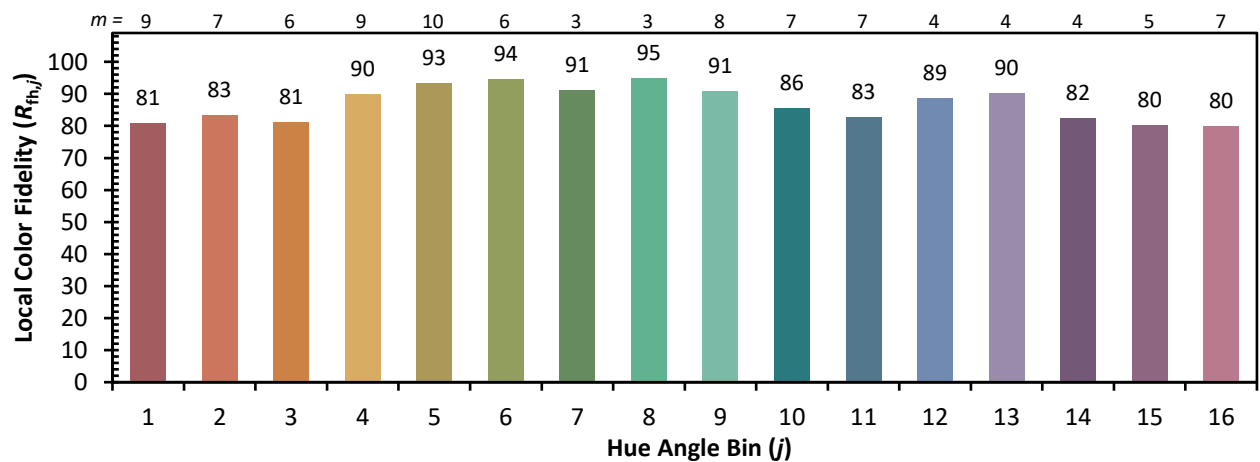
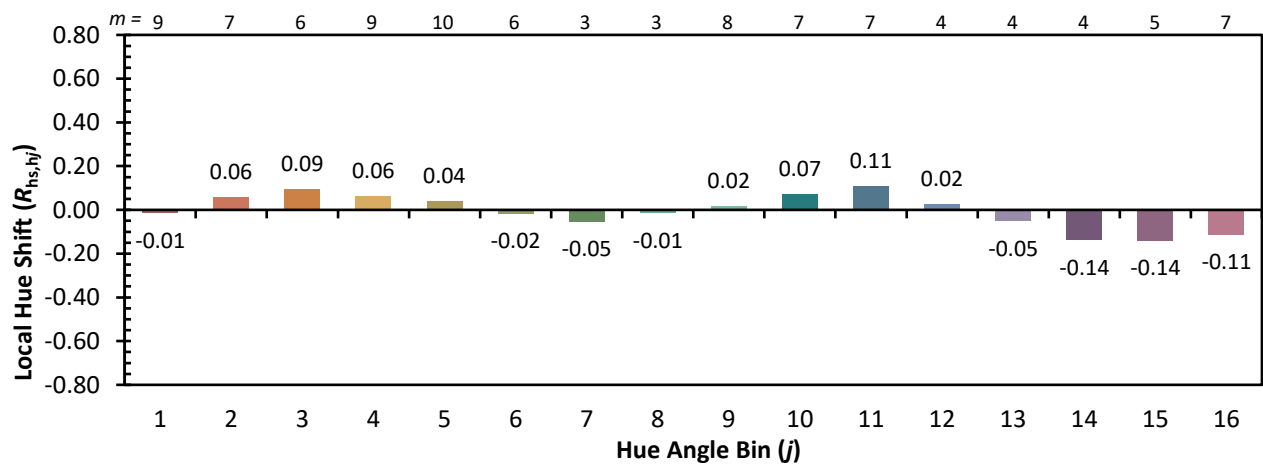
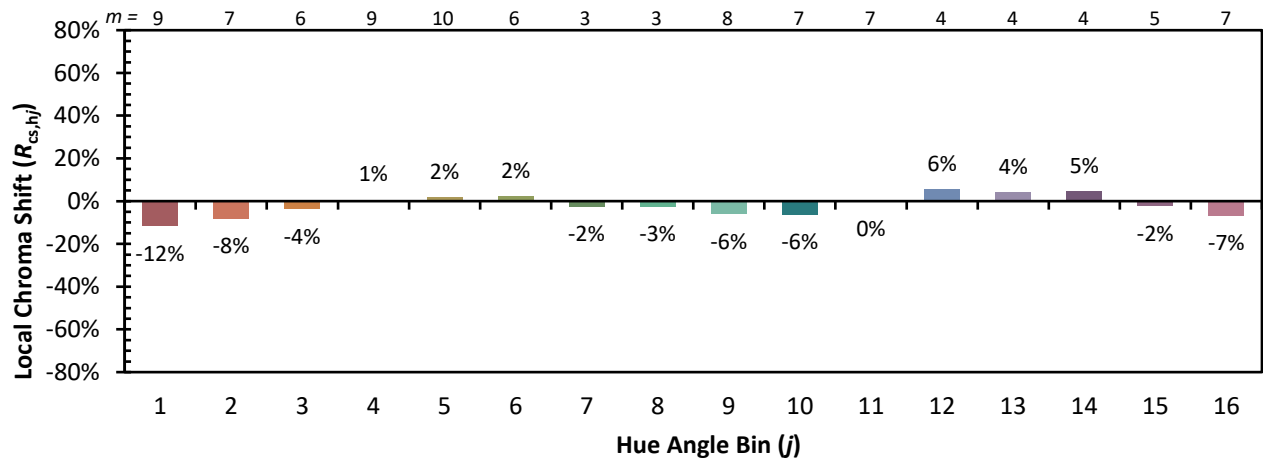


Individual Sample Fidelity Index ($R_{f,i}$)

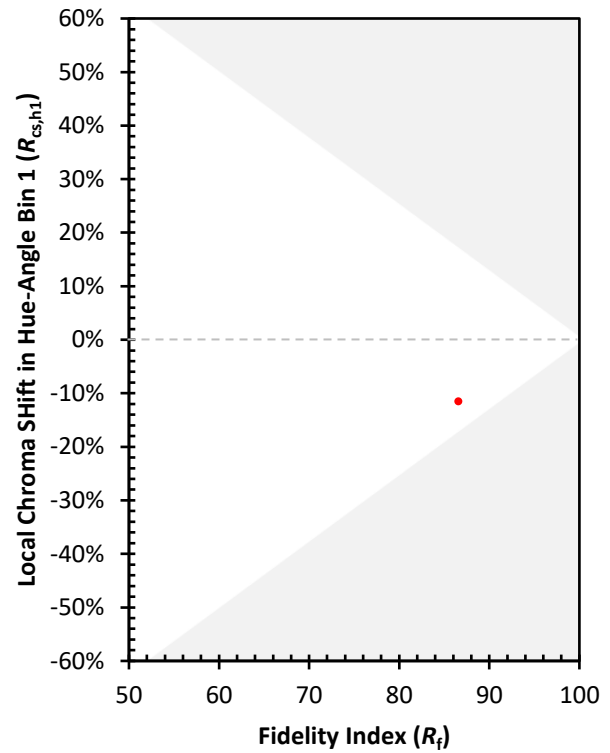
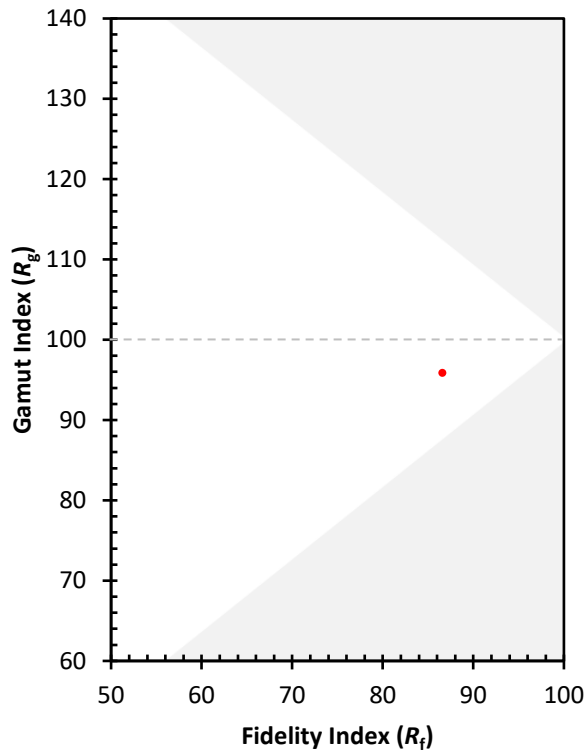
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)