

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: P1067864

Luminaire Tested: **NAV-SA5D-835-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067864
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5D-835-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 23048.6 lumens
Efficiency: N/A
Efficacy: 85.5 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): 269.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



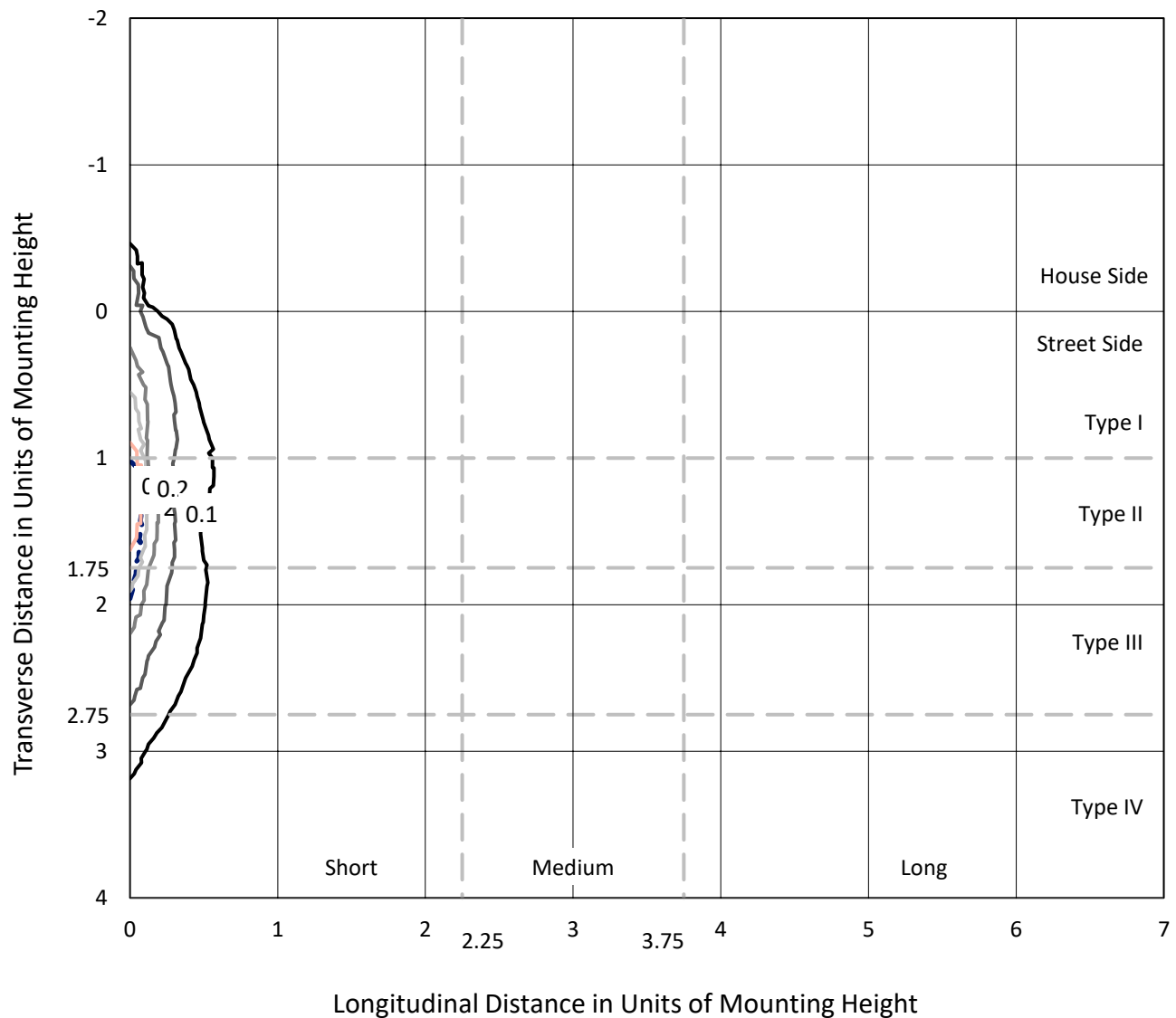
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

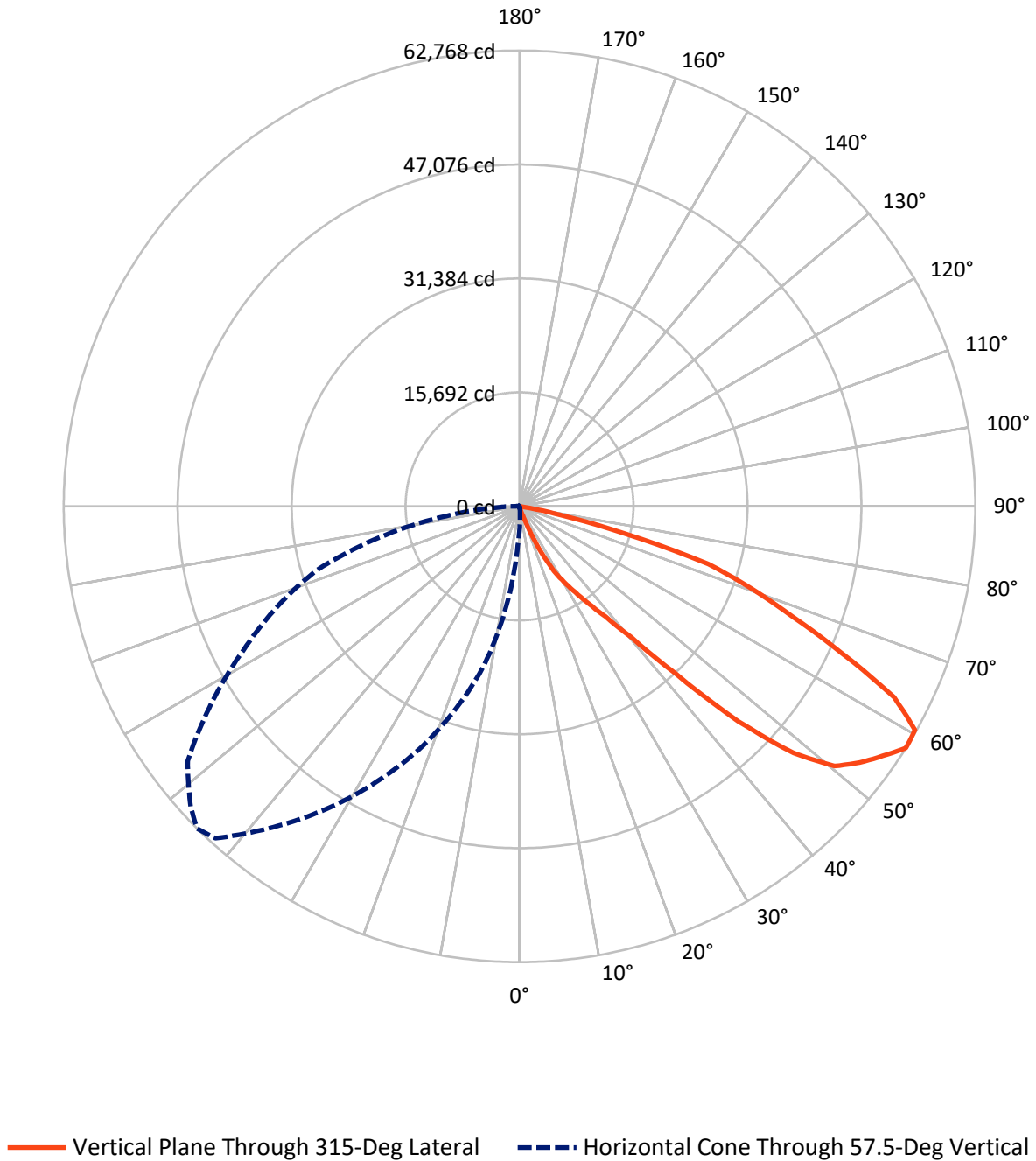


Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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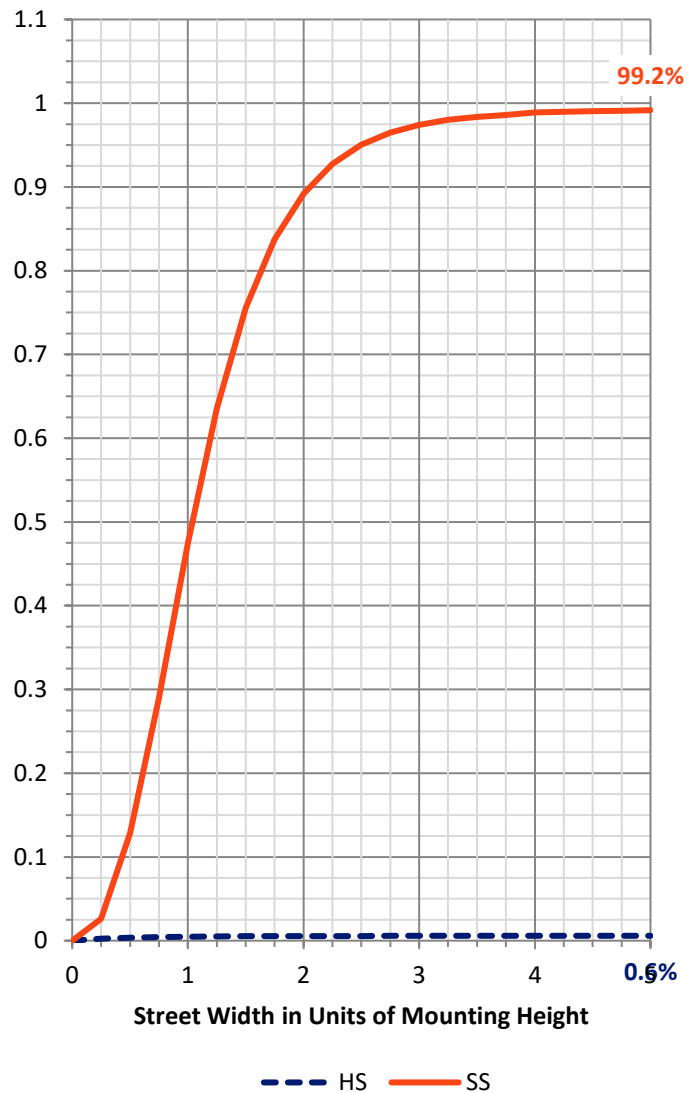
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	137.1	0.0	137.1
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	22911.4	0.0	22911.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	23048.5	0.0	23048.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.0
10°-20°	33.8	0.1
20°-30°	430.2	1.9
30°-40°	1449.8	6.3
40°-50°	4378.5	19.0
50°-60°	7725.1	33.5
60°-70°	6805.8	29.5
70°-80°	2166.4	9.4
80°-90°	52.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	23048.5	100.0
0°-180°	23048.6	100.0



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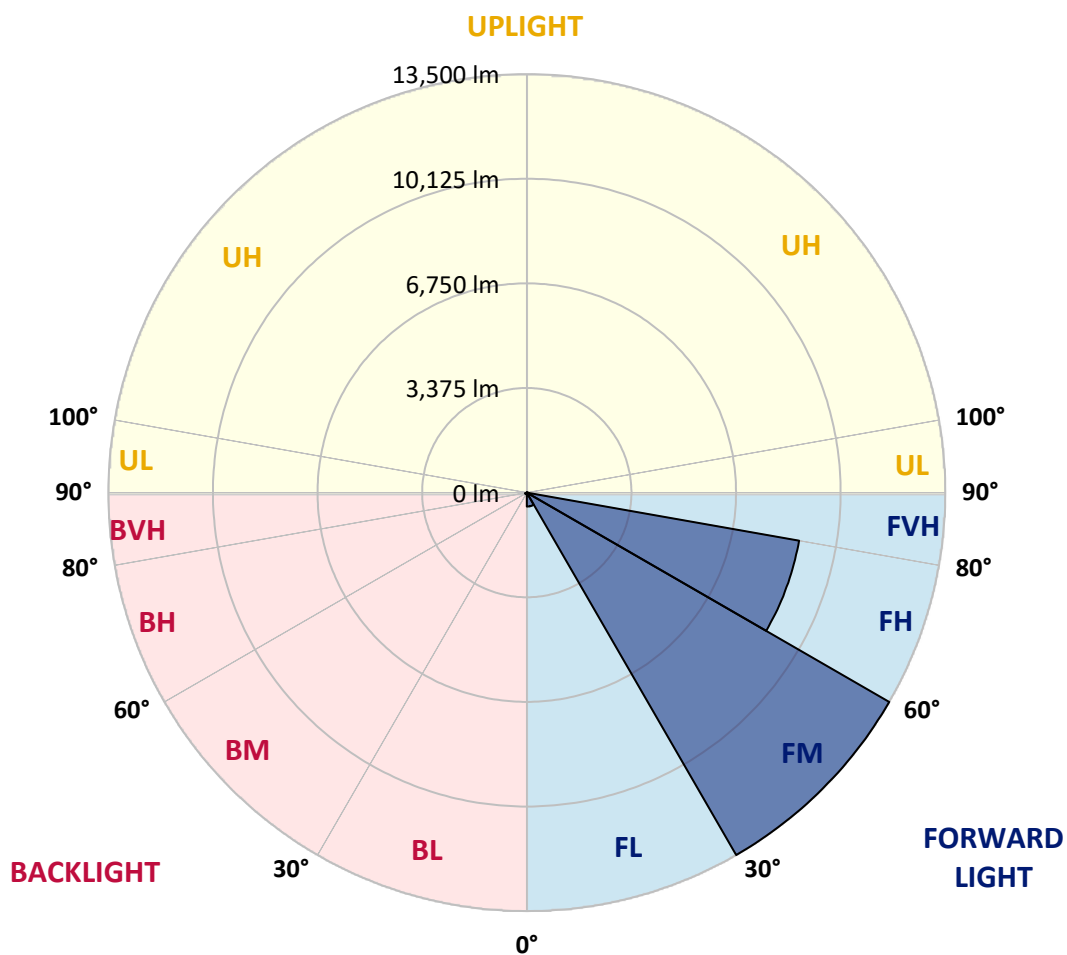
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	450.3	2.0			
FM	(30°-60°)	13500.3	58.6			
FH	(60°-80°)	8918.5	38.7			G4/12000
FVH	(80°-90°)	42.4	0.2			G1/100
BL	(0°-30°)	20.6	0.1	B0/110		
BM	(30°-60°)	53.1	0.2	B0/220		
BH	(60°-80°)	53.7	0.2	B0/110		G0/110
BVH	(80°-90°)	9.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	50.6
5°	72.3	72.3	72.3	65.1	65.1	65.1	57.8	57.8	57.8	57.8	57.8
7.5°	86.7	79.5	79.5	72.3	72.3	72.3	65.1	65.1	65.1	65.1	57.8
10°	101.2	94.0	94.0	86.7	86.7	79.5	79.5	72.3	72.3	65.1	65.1
12.5°	115.6	108.4	101.2	94.0	94.0	86.7	86.7	79.5	79.5	72.3	72.3
15°	130.1	122.9	115.6	108.4	101.2	101.2	94.0	86.7	79.5	79.5	72.3
17.5°	151.8	137.3	130.1	115.6	108.4	101.2	94.0	86.7	86.7	79.5	79.5
20°	159.0	144.6	137.3	122.9	115.6	108.4	101.2	94.0	86.7	86.7	79.5
22.5°	187.9	159.0	151.8	137.3	130.1	122.9	108.4	101.2	94.0	86.7	79.5
25°	231.3	187.9	166.2	144.6	137.3	122.9	115.6	101.2	94.0	86.7	79.5
27.5°	281.9	209.6	187.9	159.0	144.6	130.1	115.6	101.2	94.0	86.7	79.5
30°	346.9	245.8	209.6	173.5	159.0	144.6	122.9	108.4	101.2	94.0	79.5
32.5°	484.3	303.6	245.8	187.9	166.2	151.8	130.1	108.4	101.2	94.0	79.5
35°	585.5	368.6	296.3	216.8	187.9	166.2	137.3	108.4	101.2	94.0	79.5
37.5°	679.4	375.9	303.6	231.3	202.4	173.5	137.3	108.4	101.2	94.0	79.5
40°	831.2	390.3	303.6	216.8	195.2	166.2	144.6	115.6	108.4	94.0	86.7
42.5°	1120.3	448.1	325.3	202.4	180.7	166.2	144.6	122.9	108.4	101.2	86.7
45°	1864.8	665.0	440.9	209.6	187.9	166.2	144.6	122.9	115.6	101.2	94.0
47.5°	3173.1	1156.5	686.7	216.8	195.2	166.2	144.6	115.6	108.4	101.2	86.7
50°	4062.1	1481.7	867.4	253.0	216.8	187.9	151.8	115.6	108.4	101.2	94.0
52.5°	4315.1	1575.7	939.6	296.3	253.0	209.6	159.0	115.6	108.4	108.4	101.2
55°	3953.7	1532.3	939.6	346.9	289.1	238.5	180.7	122.9	115.6	115.6	108.4
57.5°	3361.0	1416.7	896.3	375.9	318.0	253.0	195.2	130.1	122.9	122.9	115.6
60°	2768.3	1192.6	809.5	419.2	354.2	289.1	224.1	159.0	151.8	144.6	130.1
62.5°	2197.3	961.3	708.3	448.1	383.1	310.8	245.8	173.5	166.2	159.0	151.8
65°	1655.2	838.4	657.7	469.8	397.5	325.3	253.0	180.7	173.5	173.5	166.2
67.5°	1272.1	766.2	628.8	484.3	412.0	339.7	267.4	195.2	187.9	180.7	173.5
70°	1004.7	708.3	592.7	477.0	412.0	346.9	274.7	209.6	195.2	187.9	173.5
72.5°	838.4	643.3	549.3	455.4	404.8	354.2	303.6	253.0	224.1	202.4	173.5
75°	701.1	578.2	498.7	412.0	375.9	346.9	310.8	274.7	238.5	202.4	166.2
77.5°	462.6	419.2	383.1	346.9	325.3	303.6	274.7	253.0	216.8	187.9	151.8
80°	195.2	180.7	187.9	187.9	187.9	187.9	180.7	180.7	159.0	137.3	108.4
82.5°	43.4	36.1	43.4	43.4	43.4	43.4	36.1	36.1	36.1	28.9	28.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
5°	57.8	57.8	57.8	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
7.5°	57.8	57.8	57.8	50.6	50.6	50.6	50.6	43.4	43.4	43.4	43.4
10°	57.8	57.8	57.8	50.6	50.6	50.6	50.6	43.4	43.4	43.4	43.4
12.5°	65.1	65.1	57.8	57.8	50.6	50.6	50.6	43.4	43.4	43.4	43.4
15°	65.1	65.1	57.8	57.8	50.6	50.6	50.6	43.4	43.4	43.4	43.4
17.5°	72.3	65.1	65.1	57.8	50.6	50.6	50.6	43.4	43.4	43.4	43.4
20°	72.3	65.1	65.1	57.8	50.6	50.6	50.6	43.4	43.4	43.4	43.4
22.5°	72.3	65.1	65.1	57.8	50.6	50.6	43.4	43.4	36.1	36.1	28.9
25°	72.3	65.1	65.1	57.8	50.6	50.6	43.4	43.4	36.1	28.9	28.9
27.5°	72.3	65.1	65.1	57.8	50.6	43.4	43.4	36.1	28.9	21.7	21.7
30°	72.3	65.1	65.1	57.8	50.6	43.4	36.1	28.9	21.7	21.7	14.5
32.5°	72.3	65.1	57.8	50.6	43.4	36.1	36.1	28.9	21.7	14.5	14.5
35°	72.3	65.1	57.8	50.6	43.4	36.1	36.1	28.9	21.7	14.5	14.5
37.5°	72.3	65.1	57.8	50.6	43.4	36.1	28.9	21.7	14.5	14.5	7.2
40°	72.3	65.1	57.8	50.6	43.4	36.1	28.9	21.7	14.5	14.5	7.2
42.5°	72.3	65.1	57.8	50.6	43.4	36.1	28.9	21.7	14.5	14.5	7.2
45°	79.5	72.3	65.1	50.6	43.4	36.1	36.1	28.9	21.7	14.5	14.5
47.5°	79.5	72.3	65.1	50.6	43.4	36.1	36.1	28.9	21.7	14.5	14.5
50°	86.7	79.5	72.3	57.8	50.6	43.4	36.1	21.7	14.5	14.5	7.2
52.5°	94.0	86.7	79.5	72.3	65.1	50.6	36.1	21.7	7.2	7.2	7.2
55°	101.2	94.0	94.0	86.7	79.5	57.8	43.4	21.7	0.0	0.0	0.0
57.5°	108.4	101.2	101.2	94.0	86.7	65.1	43.4	21.7	0.0	0.0	0.0
60°	122.9	115.6	108.4	94.0	86.7	65.1	43.4	21.7	0.0	0.0	0.0
62.5°	144.6	130.1	108.4	94.0	72.3	57.8	36.1	21.7	0.0	0.0	0.0
65°	159.0	137.3	115.6	86.7	65.1	50.6	36.1	14.5	0.0	0.0	0.0
67.5°	166.2	137.3	115.6	86.7	57.8	43.4	28.9	14.5	0.0	0.0	0.0
70°	159.0	130.1	108.4	79.5	50.6	36.1	28.9	14.5	0.0	0.0	0.0
72.5°	144.6	122.9	94.0	72.3	43.4	36.1	21.7	14.5	0.0	0.0	0.0
75°	130.1	108.4	79.5	57.8	28.9	21.7	14.5	7.2	0.0	0.0	0.0
77.5°	115.6	94.0	65.1	43.4	14.5	14.5	7.2	7.2	0.0	0.0	0.0
80°	86.7	65.1	43.4	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	21.7	14.5	14.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
5°	43.4	43.4	43.4	43.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1
7.5°	43.4	43.4	43.4	43.4	36.1	36.1	36.1	36.1	28.9	28.9	28.9
10°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	28.9	28.9	28.9
12.5°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	28.9	28.9	28.9
15°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	28.9	28.9	21.7	21.7
17.5°	36.1	36.1	36.1	36.1	28.9	28.9	28.9	21.7	21.7	14.5	14.5
20°	36.1	36.1	36.1	28.9	28.9	21.7	21.7	14.5	14.5	7.2	7.2
22.5°	28.9	21.7	21.7	14.5	14.5	7.2	7.2	7.2	0.0	0.0	0.0
25°	21.7	14.5	14.5	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	14.5	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	14.5	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	43.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
5°	36.1	36.1	36.1	36.1	28.9	28.9	28.9	28.9	28.9	28.9	28.9
7.5°	28.9	28.9	28.9	28.9	28.9	28.9	21.7	21.7	21.7	21.7	21.7
10°	28.9	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	14.5	14.5
12.5°	28.9	21.7	21.7	21.7	14.5	14.5	14.5	14.5	14.5	7.2	7.2
15°	21.7	14.5	14.5	14.5	7.2	7.2	7.2	7.2	7.2	0.0	0.0
17.5°	14.5	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	43.4	43.4
5°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
7.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
10°	14.5	14.5	14.5	14.5	14.5	14.5	7.2	7.2	7.2	7.2	7.2
12.5°	7.2	7.2	7.2	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	43.4	43.4	43.4	43.4	43.4	50.6	50.6	57.8	57.8	65.1	65.1
5°	28.9	28.9	36.1	36.1	36.1	36.1	43.4	43.4	43.4	50.6	50.6
7.5°	21.7	21.7	21.7	21.7	21.7	28.9	28.9	36.1	36.1	43.4	43.4
10°	7.2	7.2	14.5	14.5	14.5	14.5	21.7	21.7	21.7	28.9	36.1
12.5°	0.0	0.0	7.2	7.2	7.2	7.2	14.5	14.5	14.5	21.7	28.9
15°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	14.5	21.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	14.5
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	72.3	72.3	79.5	79.5	86.7	86.7	94.0	94.0	94.0	94.0	94.0
5°	57.8	57.8	65.1	72.3	72.3	79.5	86.7	86.7	86.7	86.7	86.7
7.5°	50.6	50.6	57.8	65.1	65.1	72.3	79.5	79.5	86.7	86.7	86.7
10°	36.1	43.4	50.6	57.8	57.8	65.1	72.3	72.3	79.5	79.5	79.5
12.5°	28.9	36.1	43.4	50.6	50.6	57.8	65.1	65.1	72.3	72.3	79.5
15°	21.7	28.9	36.1	43.4	43.4	50.6	57.8	57.8	65.1	72.3	79.5
17.5°	14.5	21.7	28.9	36.1	36.1	43.4	50.6	57.8	65.1	65.1	72.3
20°	14.5	14.5	21.7	28.9	28.9	36.1	43.4	50.6	57.8	57.8	65.1
22.5°	7.2	7.2	14.5	21.7	21.7	28.9	36.1	43.4	50.6	50.6	57.8
25°	0.0	0.0	7.2	14.5	14.5	21.7	28.9	28.9	36.1	36.1	43.4
27.5°	0.0	0.0	7.2	7.2	14.5	14.5	21.7	21.7	28.9	28.9	36.1
30°	0.0	0.0	7.2	7.2	14.5	14.5	21.7	21.7	28.9	28.9	28.9
32.5°	0.0	0.0	0.0	7.2	7.2	7.2	14.5	14.5	21.7	21.7	28.9
35°	0.0	0.0	0.0	7.2	7.2	7.2	14.5	14.5	21.7	21.7	21.7
37.5°	0.0	0.0	0.0	7.2	7.2	7.2	14.5	14.5	14.5	14.5	21.7
40°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
45°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
50°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
55°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	14.5	14.5	14.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	14.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	94.0	94.0
5°	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	86.7	86.7
7.5°	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	86.7	86.7
10°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
12.5°	79.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
15°	79.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
17.5°	72.3	79.5	79.5	79.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
20°	65.1	72.3	72.3	72.3	79.5	79.5	79.5	79.5	86.7	86.7	86.7
22.5°	57.8	65.1	65.1	65.1	72.3	72.3	72.3	72.3	79.5	79.5	79.5
25°	50.6	50.6	57.8	57.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
27.5°	36.1	43.4	43.4	43.4	50.6	50.6	50.6	50.6	57.8	57.8	57.8
30°	36.1	36.1	36.1	36.1	43.4	43.4	43.4	43.4	50.6	50.6	50.6
32.5°	28.9	36.1	36.1	36.1	43.4	43.4	43.4	43.4	50.6	50.6	50.6
35°	28.9	28.9	28.9	28.9	36.1	36.1	36.1	36.1	43.4	43.4	43.4
37.5°	21.7	28.9	28.9	28.9	36.1	36.1	36.1	36.1	43.4	43.4	43.4
40°	21.7	21.7	21.7	21.7	28.9	28.9	28.9	28.9	36.1	36.1	36.1
42.5°	21.7	21.7	21.7	21.7	28.9	28.9	28.9	28.9	36.1	36.1	36.1
45°	21.7	21.7	21.7	21.7	28.9	28.9	28.9	28.9	36.1	36.1	36.1
47.5°	21.7	21.7	21.7	21.7	28.9	28.9	28.9	28.9	36.1	36.1	36.1
50°	21.7	21.7	21.7	21.7	28.9	28.9	28.9	28.9	36.1	36.1	36.1
52.5°	14.5	14.5	14.5	14.5	21.7	21.7	21.7	21.7	28.9	28.9	28.9
55°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	21.7	21.7	21.7
57.5°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	21.7	21.7	21.7
60°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
62.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
65°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	7.2	7.2
67.5°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
70°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
72.5°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
75°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
77.5°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
80°	21.7	21.7	21.7	21.7	21.7	14.5	14.5	14.5	14.5	14.5	14.5
82.5°	14.5	21.7	21.7	21.7	21.7	14.5	14.5	14.5	14.5	14.5	14.5
85°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
87.5°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
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: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	94.0	94.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	94.0	94.0
5°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	94.0	94.0
7.5°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	94.0	94.0
10°	86.7	86.7	86.7	86.7	79.5	79.5	86.7	86.7	86.7	94.0	94.0
12.5°	86.7	86.7	86.7	86.7	79.5	79.5	86.7	86.7	94.0	94.0	101.2
15°	86.7	86.7	79.5	79.5	79.5	79.5	86.7	86.7	94.0	94.0	101.2
17.5°	86.7	86.7	79.5	79.5	79.5	79.5	86.7	86.7	94.0	94.0	101.2
20°	86.7	86.7	79.5	79.5	79.5	79.5	79.5	79.5	86.7	94.0	94.0
22.5°	79.5	79.5	79.5	79.5	72.3	72.3	79.5	79.5	86.7	94.0	94.0
25°	65.1	72.3	72.3	72.3	72.3	72.3	79.5	79.5	86.7	94.0	94.0
27.5°	57.8	65.1	65.1	65.1	65.1	72.3	72.3	79.5	86.7	94.0	94.0
30°	50.6	57.8	57.8	57.8	65.1	72.3	72.3	79.5	86.7	94.0	94.0
32.5°	50.6	57.8	57.8	57.8	65.1	65.1	72.3	72.3	79.5	86.7	94.0
35°	50.6	50.6	57.8	57.8	57.8	65.1	65.1	72.3	79.5	86.7	94.0
37.5°	50.6	50.6	57.8	57.8	57.8	65.1	65.1	72.3	79.5	86.7	94.0
40°	43.4	50.6	50.6	57.8	57.8	65.1	65.1	72.3	79.5	94.0	101.2
42.5°	43.4	43.4	50.6	50.6	57.8	65.1	65.1	72.3	79.5	94.0	101.2
45°	43.4	50.6	50.6	57.8	65.1	72.3	72.3	79.5	86.7	94.0	101.2
47.5°	43.4	50.6	50.6	57.8	72.3	72.3	79.5	79.5	86.7	94.0	101.2
50°	43.4	50.6	50.6	57.8	79.5	79.5	79.5	79.5	86.7	94.0	101.2
52.5°	36.1	43.4	43.4	50.6	65.1	72.3	79.5	86.7	94.0	101.2	108.4
55°	28.9	36.1	36.1	43.4	57.8	65.1	79.5	94.0	101.2	108.4	115.6
57.5°	28.9	28.9	36.1	36.1	50.6	65.1	86.7	101.2	108.4	115.6	122.9
60°	21.7	21.7	28.9	28.9	43.4	57.8	79.5	101.2	108.4	122.9	130.1
62.5°	14.5	21.7	21.7	28.9	36.1	57.8	79.5	101.2	115.6	130.1	137.3
65°	14.5	14.5	21.7	21.7	36.1	50.6	72.3	86.7	108.4	130.1	151.8
67.5°	21.7	21.7	28.9	28.9	36.1	50.6	72.3	86.7	108.4	137.3	159.0
70°	21.7	21.7	28.9	28.9	43.4	57.8	72.3	86.7	108.4	137.3	159.0
72.5°	21.7	21.7	28.9	28.9	43.4	50.6	65.1	79.5	101.2	122.9	144.6
75°	14.5	21.7	21.7	21.7	36.1	43.4	57.8	72.3	94.0	115.6	137.3
77.5°	14.5	14.5	14.5	14.5	28.9	36.1	50.6	57.8	79.5	101.2	122.9
80°	14.5	14.5	14.5	14.5	21.7	28.9	43.4	50.6	72.3	94.0	115.6
82.5°	14.5	14.5	7.2	7.2	14.5	21.7	28.9	36.1	57.8	72.3	94.0
85°	14.5	14.5	7.2	7.2	7.2	14.5	14.5	21.7	28.9	36.1	43.4
87.5°	14.5	14.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	94.0	94.0	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
5°	94.0	101.2	101.2	108.4	108.4	108.4	115.6	115.6	115.6	115.6	115.6
7.5°	94.0	101.2	101.2	108.4	108.4	108.4	115.6	115.6	115.6	122.9	122.9
10°	94.0	101.2	101.2	108.4	108.4	115.6	122.9	122.9	130.1	130.1	130.1
12.5°	101.2	108.4	108.4	115.6	115.6	122.9	130.1	130.1	137.3	144.6	144.6
15°	101.2	108.4	115.6	115.6	122.9	130.1	137.3	137.3	144.6	151.8	159.0
17.5°	101.2	108.4	115.6	115.6	122.9	130.1	144.6	151.8	159.0	173.5	180.7
20°	101.2	108.4	115.6	115.6	122.9	137.3	144.6	159.0	166.2	180.7	195.2
22.5°	101.2	108.4	115.6	122.9	130.1	144.6	159.0	166.2	180.7	202.4	216.8
25°	101.2	108.4	115.6	122.9	130.1	144.6	159.0	173.5	187.9	216.8	245.8
27.5°	101.2	108.4	122.9	130.1	137.3	151.8	173.5	187.9	202.4	253.0	303.6
30°	101.2	108.4	122.9	130.1	137.3	159.0	180.7	195.2	216.8	303.6	383.1
32.5°	101.2	115.6	122.9	137.3	144.6	166.2	195.2	216.8	238.5	361.4	477.0
35°	101.2	115.6	122.9	137.3	144.6	173.5	202.4	231.3	260.2	440.9	621.6
37.5°	101.2	115.6	122.9	137.3	144.6	187.9	231.3	274.7	318.0	506.0	693.9
40°	108.4	122.9	130.1	144.6	151.8	195.2	238.5	281.9	325.3	513.2	701.1
42.5°	108.4	122.9	130.1	144.6	151.8	187.9	231.3	267.4	303.6	513.2	722.8
45°	108.4	122.9	137.3	144.6	159.0	195.2	231.3	260.2	296.3	563.8	824.0
47.5°	108.4	122.9	137.3	144.6	159.0	195.2	231.3	267.4	303.6	744.5	1178.2
50°	108.4	122.9	137.3	144.6	159.0	202.4	245.8	289.1	332.5	1113.1	1893.7
52.5°	115.6	122.9	137.3	144.6	151.8	202.4	253.0	303.6	354.2	1445.6	2529.8
55°	122.9	130.1	137.3	144.6	151.8	216.8	281.9	346.9	412.0	1554.0	2688.8
57.5°	130.1	137.3	144.6	144.6	151.8	231.3	318.0	397.5	477.0	1546.8	2609.3
60°	137.3	144.6	151.8	159.0	166.2	245.8	332.5	412.0	491.5	1402.2	2313.0
62.5°	151.8	166.2	180.7	187.9	202.4	281.9	354.2	433.7	506.0	1149.3	1785.3
65°	173.5	187.9	195.2	209.6	216.8	289.1	368.6	440.9	513.2	954.1	1387.8
67.5°	180.7	195.2	202.4	216.8	224.1	296.3	368.6	440.9	513.2	809.5	1098.7
70°	180.7	195.2	209.6	216.8	231.3	303.6	368.6	440.9	506.0	701.1	896.3
72.5°	166.2	187.9	202.4	224.1	238.5	303.6	361.4	426.5	484.3	621.6	758.9
75°	159.0	187.9	209.6	238.5	260.2	303.6	354.2	397.5	440.9	542.1	643.3
77.5°	144.6	180.7	216.8	253.0	289.1	318.0	339.7	368.6	390.3	455.4	520.4
80°	137.3	173.5	209.6	245.8	281.9	296.3	303.6	318.0	325.3	332.5	339.7
82.5°	108.4	137.3	166.2	187.9	216.8	202.4	195.2	180.7	166.2	159.0	151.8
85°	50.6	57.8	57.8	65.1	65.1	65.1	57.8	57.8	50.6	43.4	36.1
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	101.2	101.2	101.2	101.2	94.0	94.0	94.0	94.0	86.7	86.7	86.7
5°	115.6	115.6	115.6	115.6	108.4	108.4	108.4	108.4	101.2	101.2	101.2
7.5°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
10°	137.3	137.3	137.3	144.6	144.6	144.6	144.6	144.6	144.6	144.6	144.6
12.5°	151.8	151.8	159.0	159.0	166.2	166.2	173.5	173.5	180.7	180.7	180.7
15°	166.2	173.5	180.7	187.9	187.9	195.2	202.4	209.6	216.8	224.1	231.3
17.5°	195.2	202.4	216.8	231.3	245.8	260.2	281.9	310.8	332.5	354.2	383.1
20°	216.8	238.5	281.9	332.5	375.9	419.2	527.6	636.1	744.5	852.9	961.3
22.5°	260.2	303.6	448.1	599.9	744.5	889.0	1228.8	1568.5	1901.0	2240.7	2544.3
25°	346.9	440.9	773.4	1105.9	1431.1	1763.6	2370.8	2985.2	3592.3	4199.5	4763.3
27.5°	477.0	650.5	1192.6	1741.9	2284.0	2826.1	3708.0	4597.0	5478.8	6367.9	7155.7
30°	665.0	946.9	1756.4	2573.2	3382.7	4192.2	5305.4	6425.7	7538.8	8651.9	9374.7
32.5°	903.5	1322.7	2349.1	3375.5	4401.9	5428.2	6657.0	7885.7	9107.3	10336.0	11102.2
35°	1156.5	1691.4	2927.3	4170.6	5406.5	6649.8	7943.6	9237.4	10531.2	11825.0	12764.6
37.5°	1301.0	1908.2	3375.5	4842.8	6302.8	7770.1	9186.8	10610.7	12027.4	13444.1	14586.1
40°	1438.4	2168.4	3859.8	5551.1	7242.5	8933.8	10589.0	12244.2	13899.4	15554.7	17021.9
42.5°	1640.8	2558.7	4532.0	6505.2	8471.2	10444.5	12620.1	14802.9	16978.6	19154.2	21409.3
45°	2060.0	3296.0	5854.7	8413.4	10964.9	13523.6	16609.9	19703.5	22789.9	25883.5	28774.7
47.5°	3071.9	4958.4	8449.5	11940.7	15431.8	18922.9	22479.1	26035.3	29591.4	33147.6	36588.1
50°	4756.0	7611.1	11976.8	16342.5	20701.0	25066.7	28615.7	32164.6	35706.3	39255.3	42674.1
52.5°	6339.0	10148.1	14839.1	19537.3	24228.3	28926.5	32070.6	35214.8	38359.0	41503.2	44813.6
55°	6881.1	11066.1	15814.9	20570.9	25319.7	30075.7	33104.2	36140.0	39168.5	42197.1	45630.4
57.5°	6404.0	10198.7	14983.6	19768.6	24546.3	29331.2	32713.9	36103.9	39486.6	42876.5	46555.5
60°	5363.2	8406.2	13429.6	18460.3	23483.8	28507.2	32323.6	36140.0	39956.4	43772.8	47444.6
62.5°	4250.1	6707.6	12027.4	17347.2	22667.0	27986.8	31868.3	35756.9	39638.4	43519.8	46338.7
65°	3259.8	5131.9	10365.0	15605.3	20838.3	26078.6	29258.9	32446.5	35626.8	38814.4	40765.9
67.5°	2421.4	3744.1	8319.4	12902.0	17477.3	22052.6	24394.5	26743.6	29085.5	31434.6	32952.5
70°	1785.3	2667.1	5782.4	8897.7	12005.7	15121.0	17267.7	19414.4	21553.9	23700.6	25276.3
72.5°	1236.0	1705.8	3570.6	5442.7	7307.5	9172.3	11348.0	13523.6	15692.0	17867.6	19660.2
75°	845.7	1048.1	1922.6	2797.2	3671.8	4546.4	6194.4	7842.4	9490.4	11138.3	12085.2
77.5°	628.8	737.3	997.5	1264.9	1525.1	1785.3	2103.3	2421.4	2739.4	3057.4	3469.4
80°	346.9	346.9	383.1	412.0	448.1	477.0	563.8	657.7	744.5	838.4	954.1
82.5°	159.0	166.2	180.7	195.2	202.4	216.8	231.3	245.8	260.2	274.7	274.7
85°	43.4	50.6	50.6	43.4	43.4	36.1	36.1	43.4	43.4	43.4	43.4
87.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	86.7	79.5	79.5	79.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3
5°	101.2	101.2	101.2	101.2	94.0	94.0	94.0	94.0	94.0	86.7	86.7
7.5°	122.9	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	108.4	108.4
10°	144.6	144.6	144.6	144.6	144.6	144.6	144.6	144.6	144.6	137.3	137.3
12.5°	180.7	180.7	180.7	180.7	187.9	187.9	180.7	180.7	180.7	173.5	173.5
15°	238.5	245.8	253.0	253.0	260.2	260.2	260.2	253.0	253.0	245.8	238.5
17.5°	404.8	426.5	455.4	484.3	513.2	534.9	534.9	520.4	506.0	491.5	477.0
20°	1077.0	1185.4	1301.0	1416.7	1539.6	1626.3	1568.5	1525.1	1481.7	1431.1	1387.8
22.5°	2855.1	3158.6	3469.4	3686.3	3903.1	4054.9	3932.0	3693.5	3455.0	3223.7	2985.2
25°	5327.0	5883.6	6447.4	6678.7	6917.2	7090.7	7011.2	6649.8	6288.4	5934.2	5572.8
27.5°	7943.6	8724.2	9512.0	9714.4	9916.8	10068.6	10039.7	9569.9	9100.1	8630.2	8160.4
30°	10097.5	10820.3	11543.1	11745.5	11947.9	12085.2	11933.4	11463.6	10993.8	10524.0	10054.1
32.5°	11875.6	12641.8	13415.2	13682.6	13950.0	14130.7	13950.0	13386.3	12822.5	12265.9	11702.1
35°	13704.3	14636.7	15576.3	15916.1	16255.8	16472.6	16169.0	15475.1	14781.3	14094.6	13400.7
37.5°	15728.1	16862.9	18004.9	18467.5	18937.4	19262.6	19031.3	18164.0	17289.4	16422.0	15547.4
40°	18496.5	19963.7	21438.2	22269.5	23093.5	23678.9	23266.9	22262.2	21250.3	20245.6	19233.7
42.5°	23671.7	25926.8	28182.0	29374.6	30560.0	31420.1	30957.5	29721.5	28485.5	27249.6	26013.6
45°	31665.9	34549.8	37441.0	39183.0	40932.2	42218.7	41683.9	40129.9	38568.6	37014.6	35460.6
47.5°	40028.7	43469.2	46909.7	48297.5	49692.5	50776.7	50646.6	48709.5	46772.4	44842.5	42905.4
50°	46100.2	49519.0	52937.9	54130.5	55330.3	56219.4	55886.9	53422.1	50950.2	48485.4	46013.4
52.5°	48124.0	51427.2	54737.6	56161.6	57585.5	58648.0	58243.2	55467.7	52692.1	49923.8	47148.2
55°	49063.7	52497.0	55930.3	57665.0	59406.9	60679.1	60093.6	57050.6	54000.4	50957.4	47907.2
57.5°	50234.6	53913.7	57592.7	59493.7	61394.6	62768.0	61987.3	58835.9	55684.5	52540.3	49388.9
60°	51116.4	54781.0	58452.8	59977.9	61510.3	62580.0	61828.3	58763.6	55691.7	52627.1	49562.4
62.5°	49164.9	51983.8	54802.7	55937.5	57072.3	57896.3	57469.8	54564.2	51658.5	48752.9	45847.2
65°	42724.7	44676.3	46635.1	47401.2	48160.2	48745.6	48615.5	46165.2	43714.9	41271.9	38821.6
67.5°	34477.6	35995.4	37520.5	38604.7	39696.2	40541.9	40447.9	38214.4	35981.0	33747.5	31514.1
70°	26859.2	28435.0	30010.7	31376.7	32750.1	33812.6	33675.3	31600.8	29519.2	27444.7	25363.1
72.5°	21459.9	23252.5	25045.0	25825.6	26606.3	27155.6	26750.8	25182.4	23606.6	22038.2	20462.5
75°	13032.1	13971.7	14918.6	14911.4	14911.4	14824.6	14419.9	13523.6	12627.3	11731.0	10834.8
77.5°	3881.4	4293.4	4705.4	5103.0	5507.7	5811.3	5731.8	5262.0	4784.9	4315.1	3838.1
80°	1069.7	1178.2	1293.8	1344.4	1395.0	1460.1	1626.3	1510.7	1395.0	1286.6	1170.9
82.5°	274.7	274.7	274.7	267.4	260.2	245.8	224.1	209.6	195.2	180.7	166.2
85°	43.4	36.1	36.1	36.1	28.9	28.9	28.9	28.9	21.7	21.7	14.5
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: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	72.3	72.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	57.8
5°	86.7	86.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	72.3
7.5°	108.4	108.4	101.2	101.2	101.2	101.2	94.0	94.0	94.0	94.0	86.7
10°	137.3	130.1	130.1	122.9	122.9	122.9	115.6	115.6	115.6	108.4	108.4
12.5°	173.5	166.2	166.2	159.0	151.8	151.8	144.6	137.3	130.1	130.1	122.9
15°	231.3	224.1	216.8	209.6	202.4	187.9	180.7	166.2	159.0	151.8	144.6
17.5°	440.9	404.8	368.6	332.5	303.6	274.7	245.8	216.8	202.4	187.9	173.5
20°	1228.8	1062.5	903.5	744.5	643.3	542.1	440.9	339.7	296.3	260.2	216.8
22.5°	2659.9	2327.4	2002.2	1669.7	1402.2	1142.0	874.6	607.2	506.0	412.0	310.8
25°	4944.0	4307.9	3679.1	3043.0	2537.0	2031.1	1525.1	1019.1	831.2	643.3	455.4
27.5°	7336.4	6512.4	5688.4	4864.4	4062.1	3252.6	2443.1	1640.8	1315.5	997.5	672.2
30°	9179.6	8305.0	7437.6	6563.0	5551.1	4539.2	3520.0	2508.1	1994.9	1481.7	961.3
32.5°	10762.5	9815.6	8876.0	7929.1	6758.2	5587.2	4416.3	3245.4	2602.1	1958.8	1308.3
35°	12331.0	11254.0	10184.3	9107.3	7849.6	6591.9	5334.3	4076.6	3259.8	2443.1	1619.1
37.5°	14239.2	12923.7	11615.4	10307.1	9013.3	7726.7	6432.9	5139.1	4098.3	3064.7	2023.8
40°	17564.0	15887.1	14217.5	12540.6	11029.9	9526.5	8015.9	6505.2	5196.9	3888.7	2573.2
42.5°	23910.2	21806.9	19710.8	17607.4	15518.5	13429.6	11333.5	9244.6	7379.8	5522.2	3657.4
45°	32764.5	30068.5	27379.7	24683.6	22110.5	19544.5	16971.3	14398.2	11564.8	8731.4	5890.8
47.5°	39956.4	37000.1	34051.1	31094.9	28239.8	25392.0	22536.9	19681.8	16053.4	12432.2	8803.7
50°	43201.8	40382.8	37571.1	34752.2	31889.9	29020.4	26150.9	23288.6	19125.3	14969.2	10805.9
52.5°	44293.2	41430.9	38575.8	35713.5	32872.9	30032.3	27191.7	24351.1	20021.6	15699.2	11369.6
55°	44893.1	41871.8	38857.7	35836.4	32779.0	29714.3	26649.6	23592.2	19284.3	14983.6	10675.8
57.5°	46107.4	42818.7	39537.2	36248.4	32764.5	29280.6	25789.5	22305.6	18055.5	13805.5	9555.4
60°	46331.5	43093.3	39862.4	36631.5	32779.0	28926.5	25066.7	21214.2	16993.0	12779.1	8558.0
62.5°	43143.9	40440.7	37744.6	35041.3	31181.6	27321.8	23454.9	19595.1	15554.7	11514.2	7466.5
65°	36486.9	34152.3	31824.9	29490.2	26338.8	23194.7	20043.2	16891.8	13285.1	9685.5	6078.7
67.5°	29230.0	26946.0	24669.2	22385.1	20014.3	17650.8	15280.0	12909.2	10126.4	7343.6	4560.9
70°	23173.0	20975.7	18785.6	16588.3	14492.1	12388.8	10285.4	8189.3	6461.8	4741.6	3014.1
72.5°	18366.3	16263.0	14166.9	12063.5	10162.6	8261.6	6360.6	4459.7	3599.5	2746.6	1886.5
75°	9743.3	8651.9	7567.7	6476.3	5406.5	4329.6	3252.6	2182.9	1843.1	1503.4	1156.5
77.5°	3361.0	2884.0	2414.2	1937.1	1611.8	1286.6	961.3	636.1	599.9	571.0	534.9
80°	1019.1	867.4	715.6	563.8	498.7	433.7	368.6	303.6	281.9	260.2	231.3
82.5°	159.0	144.6	137.3	122.9	115.6	115.6	108.4	101.2	86.7	79.5	65.1
85°	14.5	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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: P1067864

CATALOG NUMBER: NAV-SA5D-835-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	65.1	65.1
2.5°	57.8	57.8
5°	72.3	72.3
7.5°	86.7	86.7
10°	101.2	101.2
12.5°	115.6	115.6
15°	137.3	130.1
17.5°	159.0	151.8
20°	173.5	159.0
22.5°	209.6	180.7
25°	267.4	224.1
27.5°	346.9	274.7
30°	448.1	346.9
32.5°	665.0	484.3
35°	802.3	585.5
37.5°	983.0	679.4
40°	1264.9	824.0
42.5°	1792.5	1120.3
45°	3057.4	1857.6
47.5°	5182.5	3165.9
50°	6642.5	4062.1
52.5°	7047.3	4307.9
55°	6375.1	3953.7
57.5°	5305.4	3361.0
60°	4344.0	2768.3
62.5°	3426.1	2190.1
65°	2472.0	1655.2
67.5°	1778.1	1272.1
70°	1293.8	997.5
72.5°	1026.4	831.2
75°	816.8	693.9
77.5°	506.0	462.6
80°	209.6	195.2
82.5°	50.6	43.4
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1067864

CATALOG NUMBER: NAV-SA5D-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

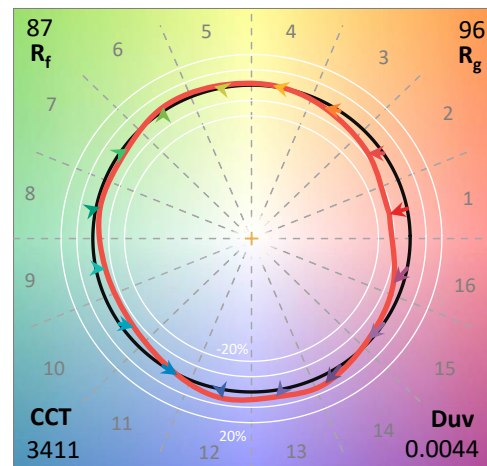
Test Information

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

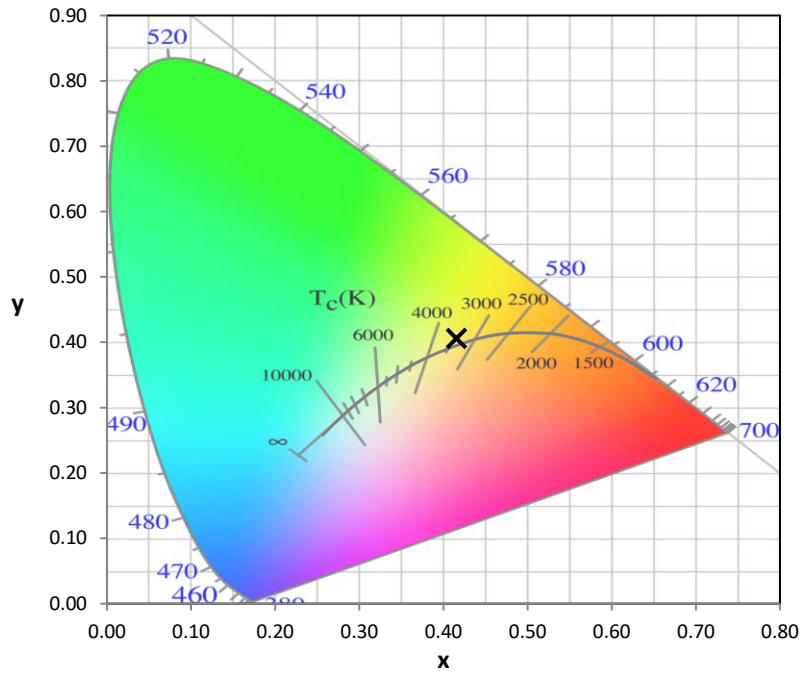
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

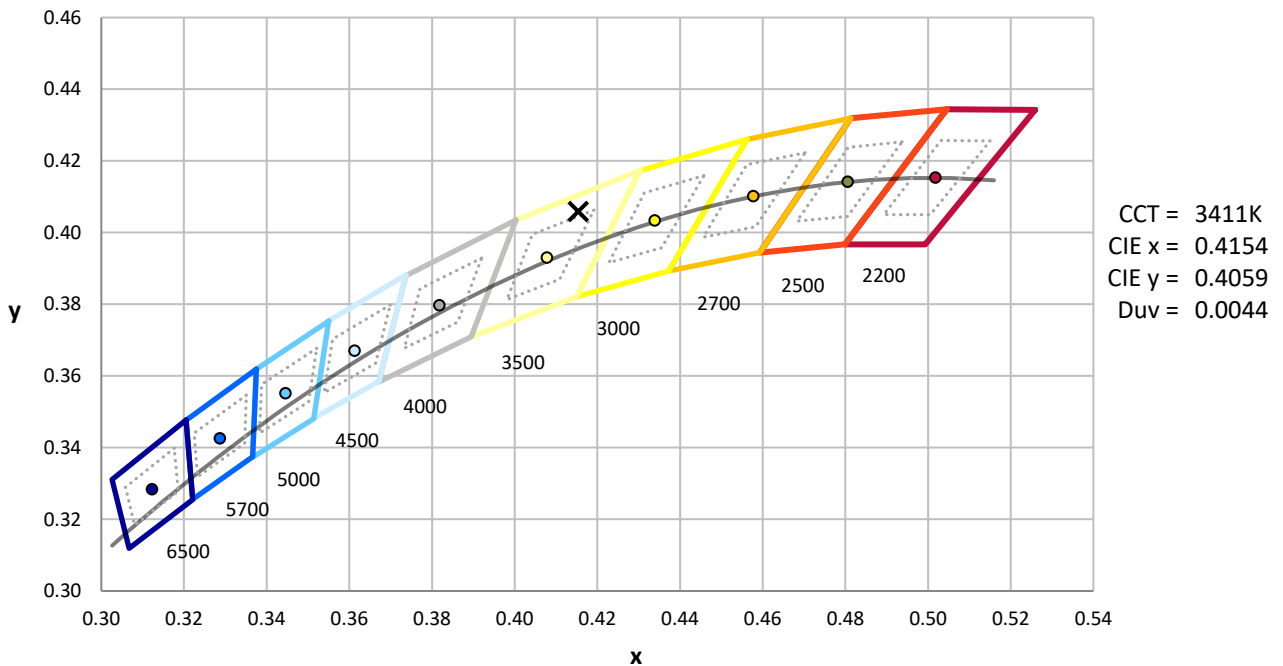
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



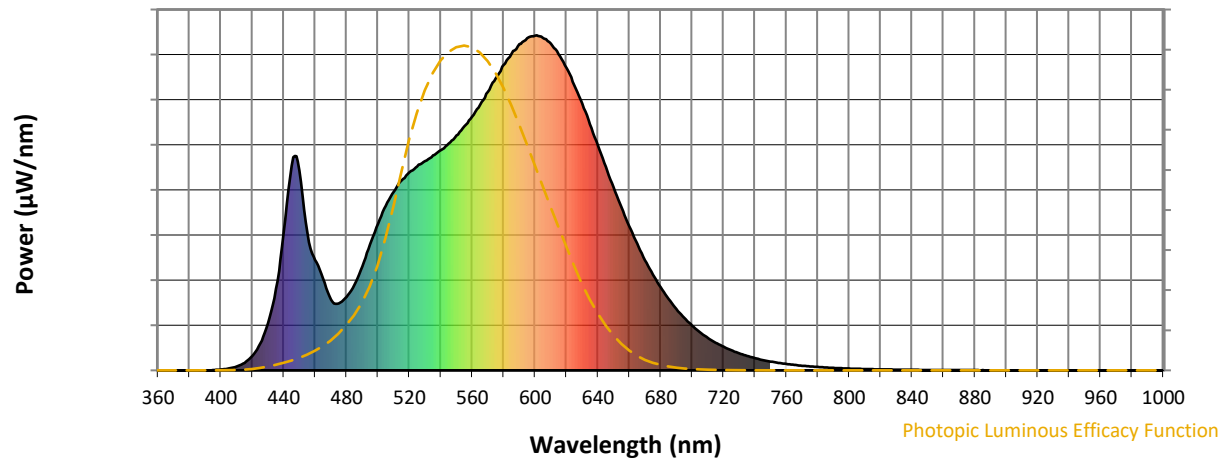
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

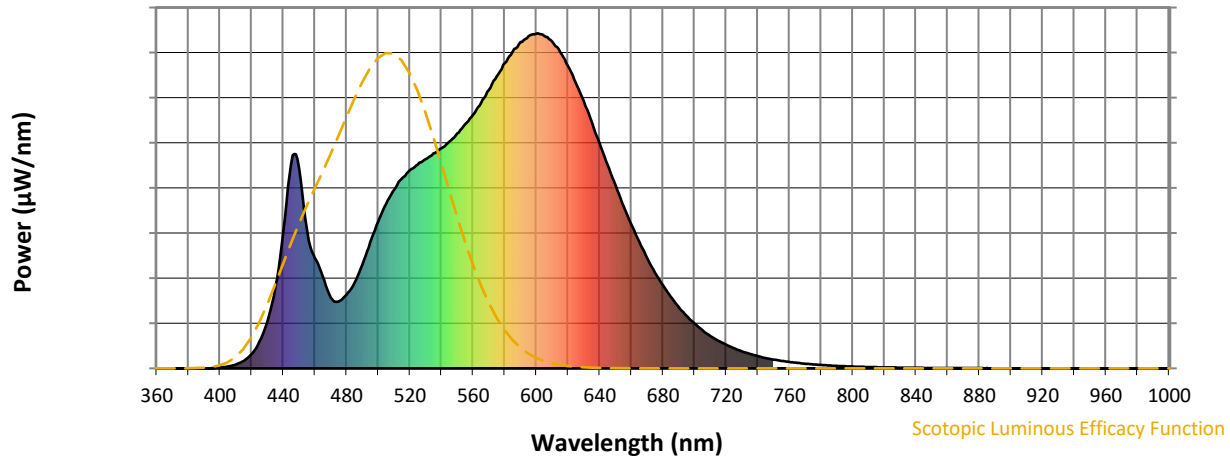


Photopic Lumens: NR

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



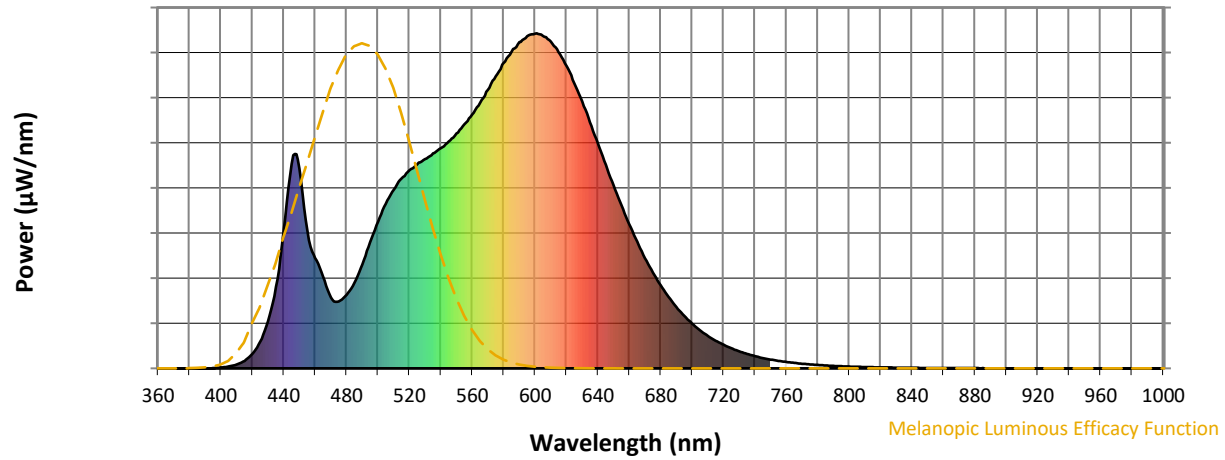
Scotopic Lumens: NR

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

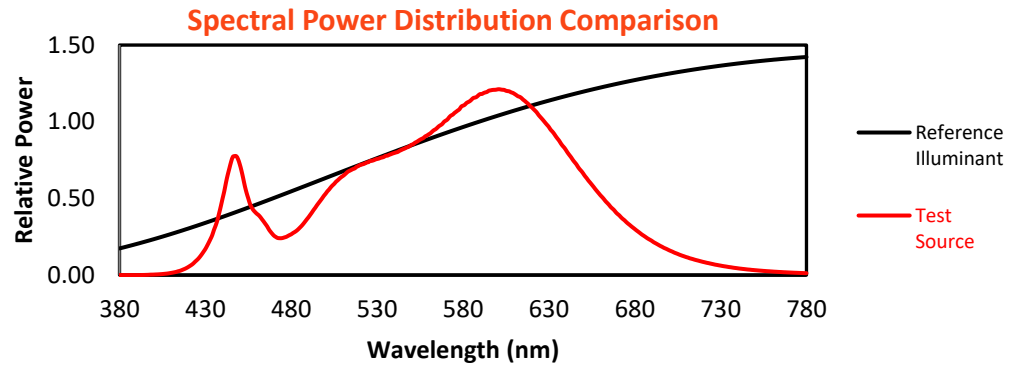
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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

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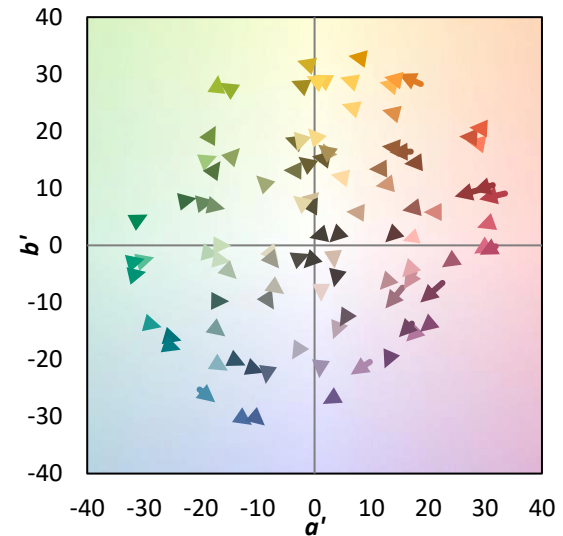
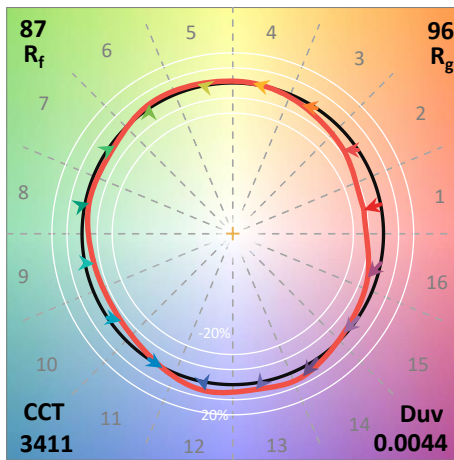
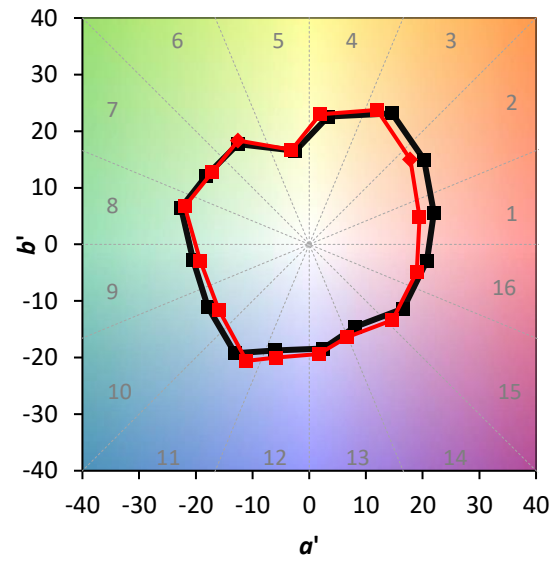
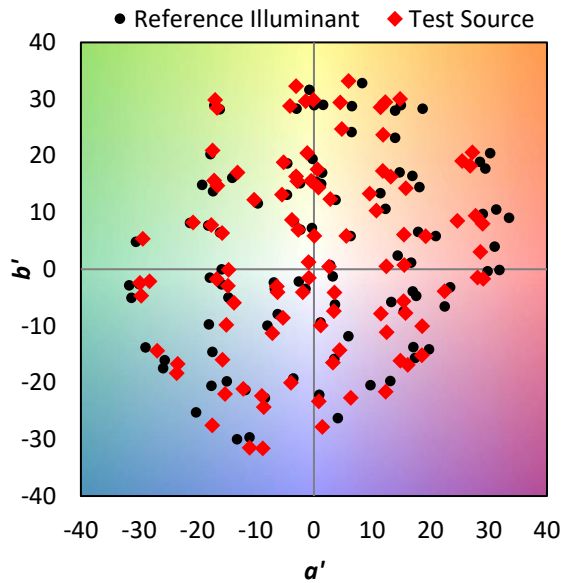
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

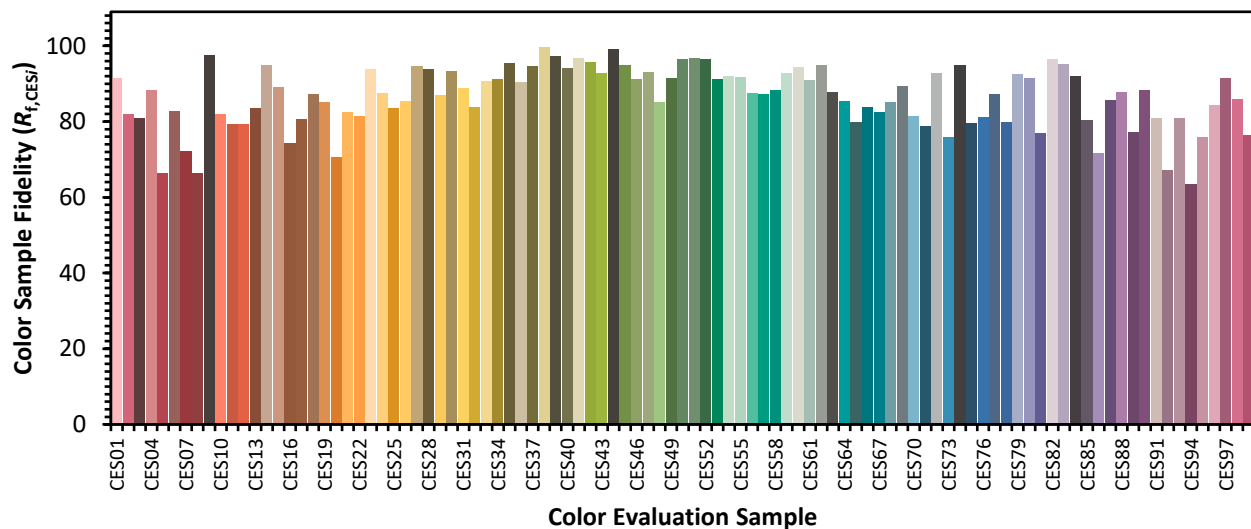


Color Vector Graphics

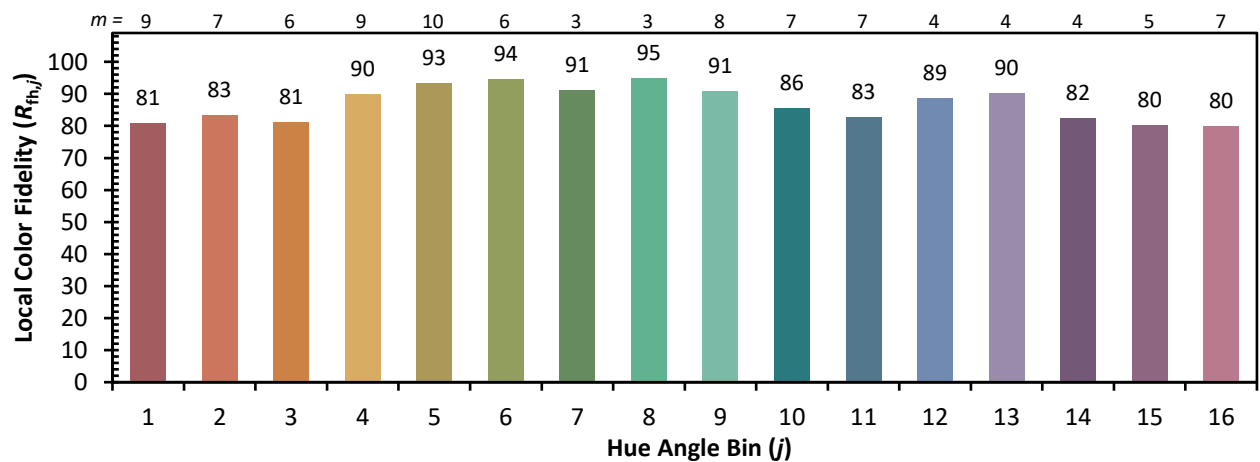
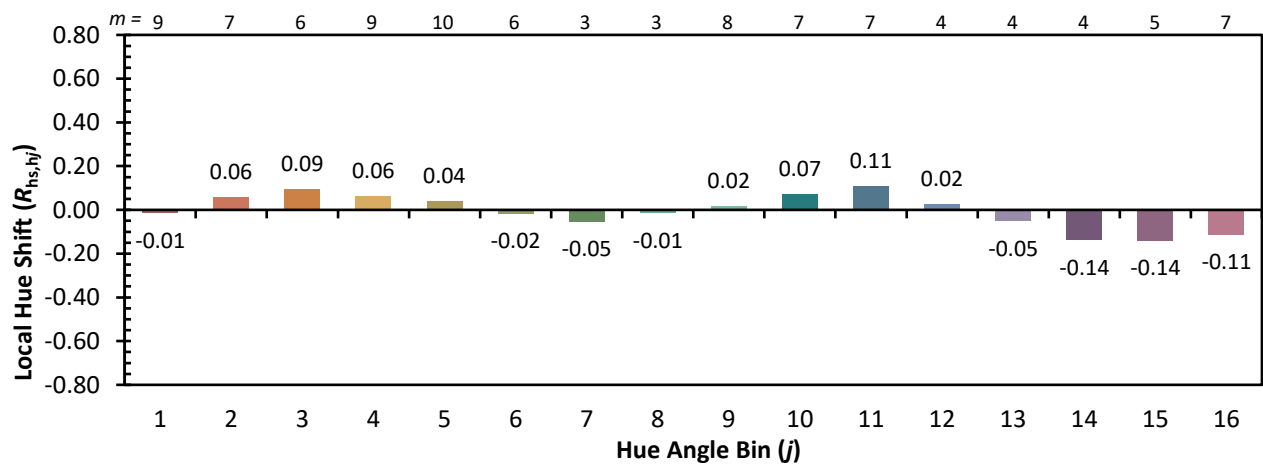
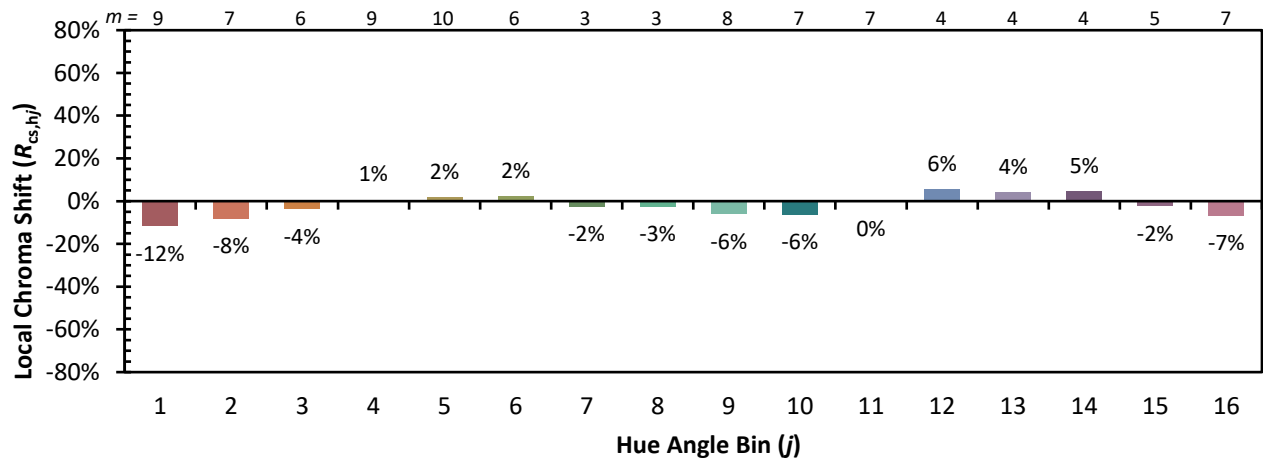


Individual Sample Fidelity Index ($R_{f,i}$)

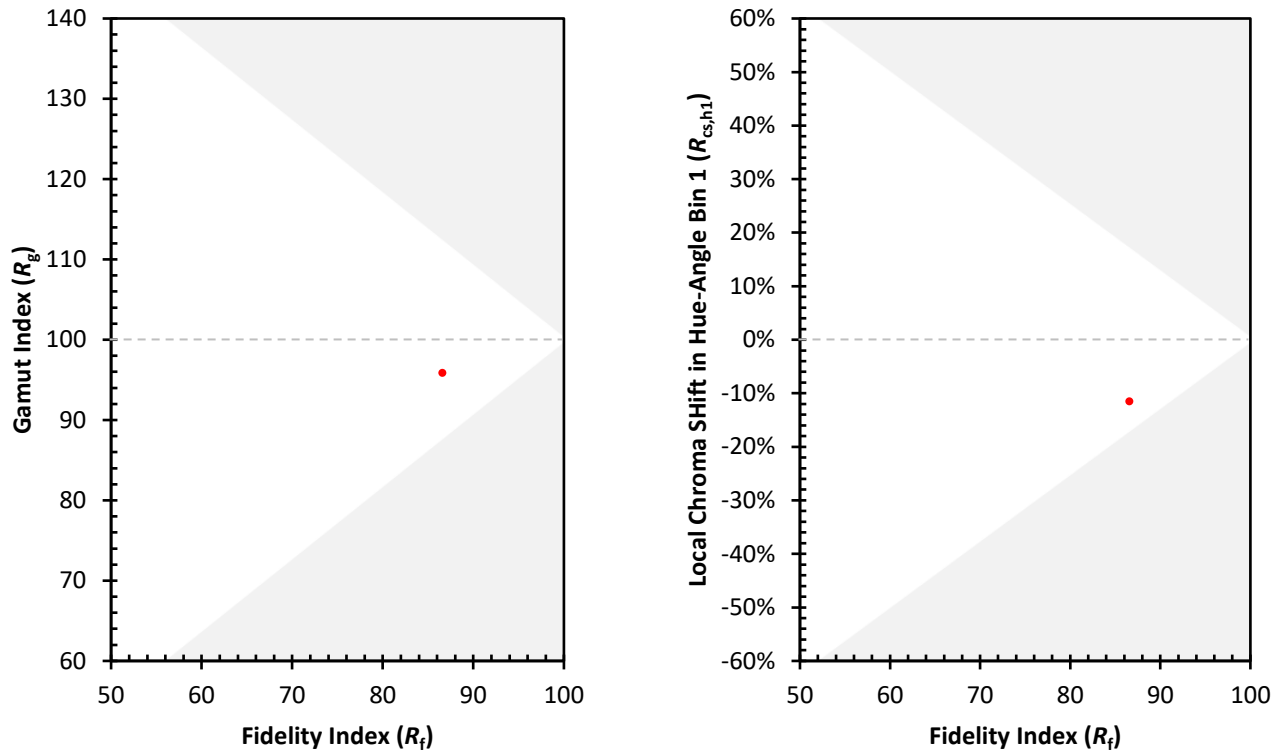
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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