

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: P1067694

Luminaire Tested: **NAV-SA5B-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067694
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5B-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16029.8 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



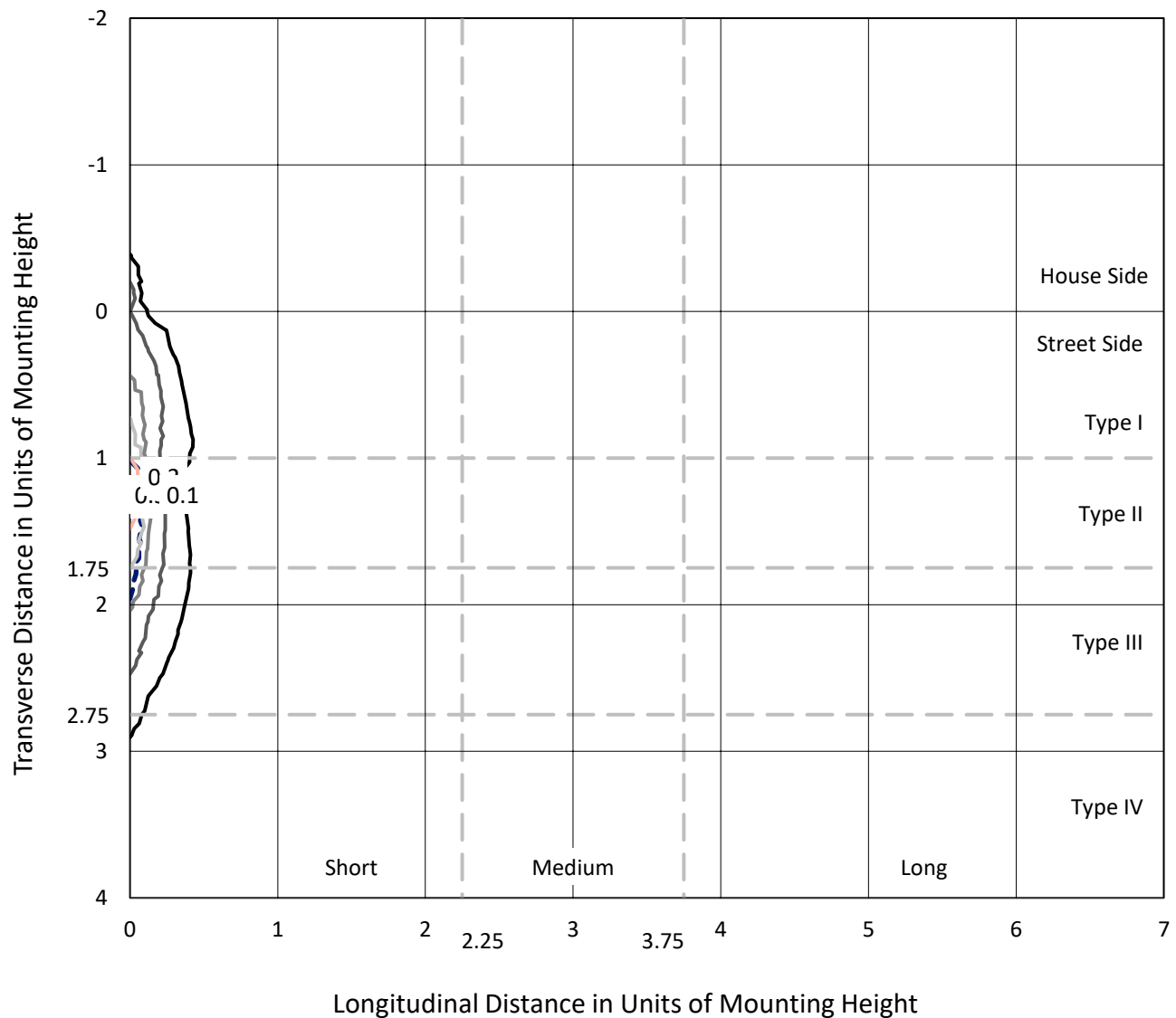
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

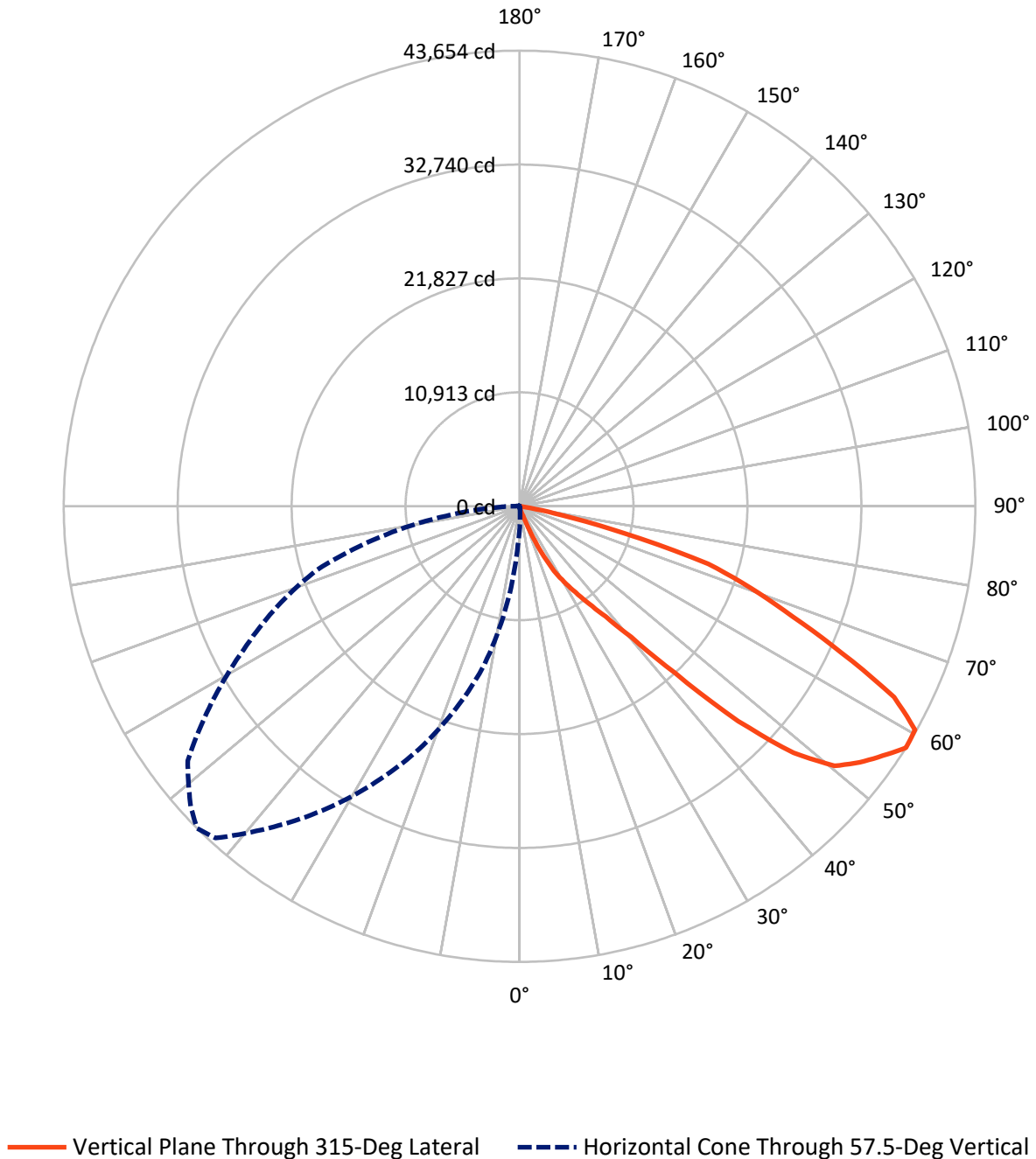


Based on 15 foot mounting height. Maximum calculated value = 3.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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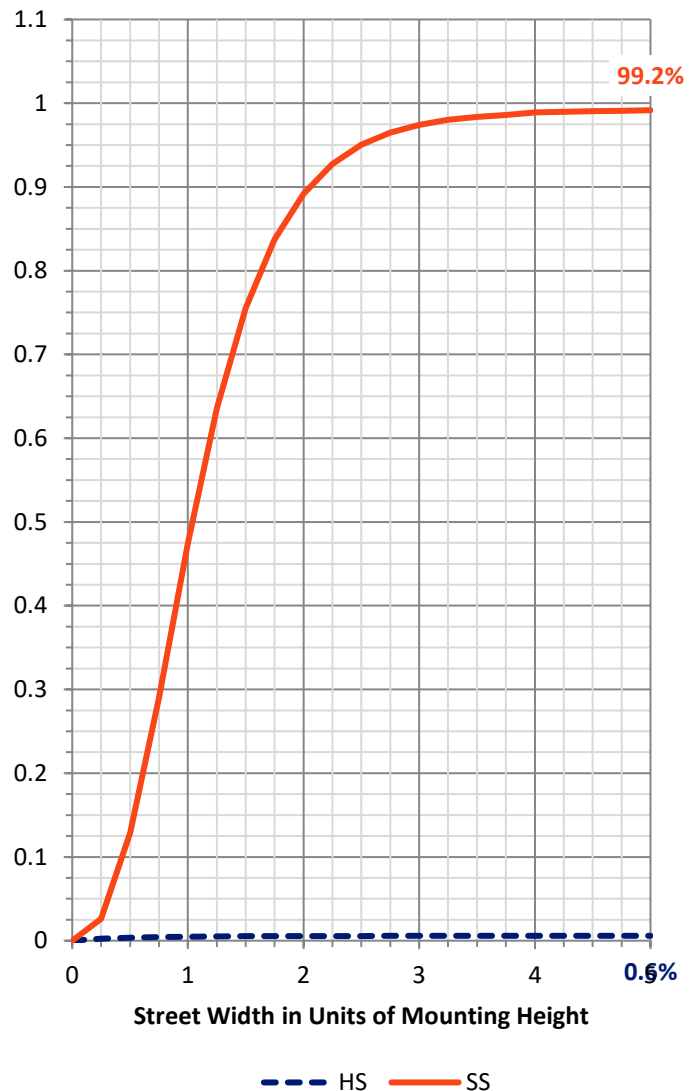
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	95.4	0.0	95.4
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	15934.4	0.0	15934.4
	% Fixture	99.4	0.0	99.4
Total	Lumens	16029.7	0.0	16029.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.0
10°-20°	23.5	0.1
20°-30°	299.2	1.9
30°-40°	1008.3	6.3
40°-50°	3045.2	19.0
50°-60°	5372.6	33.5
60°-70°	4733.3	29.5
70°-80°	1506.7	9.4
80°-90°	36.3	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°	16029.7	100.0
0°-180°	16029.8	100.0



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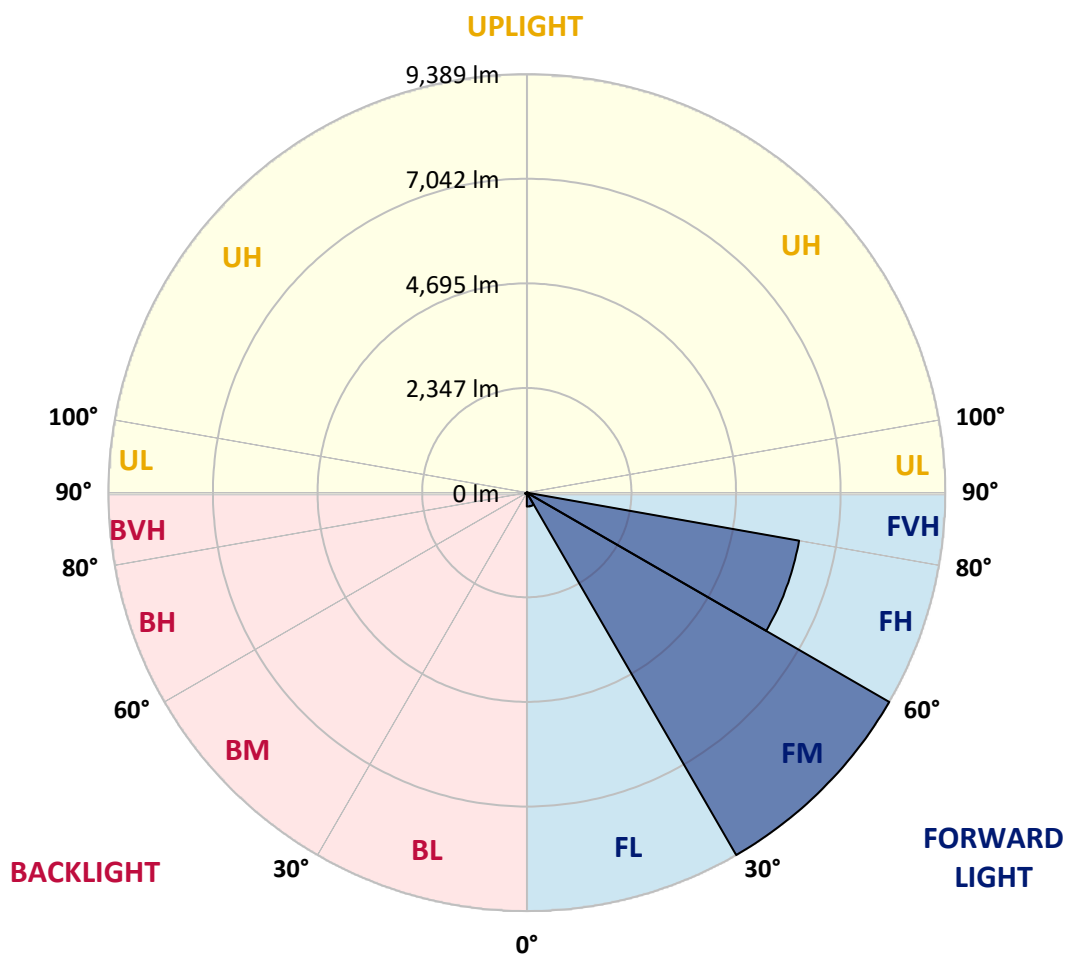
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	313.1	2.0			
FM	(30°-60°)	9389.1	58.6			
FH	(60°-80°)	6202.6	38.7			G3/7500
FVH	(80°-90°)	29.5	0.2			G1/100
BL	(0°-30°)	14.3	0.1	B0/110		
BM	(30°-60°)	36.9	0.2	B0/220		
BH	(60°-80°)	37.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.8	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	35.2
5°	50.3	50.3	50.3	45.2	45.2	45.2	40.2	40.2	40.2	40.2	40.2
7.5°	60.3	55.3	55.3	50.3	50.3	50.3	45.2	45.2	45.2	45.2	40.2
10°	70.4	65.3	65.3	60.3	60.3	55.3	55.3	50.3	50.3	45.2	45.2
12.5°	80.4	75.4	70.4	65.3	65.3	60.3	60.3	55.3	55.3	50.3	50.3
15°	90.5	85.5	80.4	75.4	70.4	70.4	65.3	60.3	55.3	55.3	50.3
17.5°	105.6	95.5	90.5	80.4	75.4	70.4	65.3	60.3	60.3	55.3	55.3
20°	110.6	100.5	95.5	85.5	80.4	75.4	70.4	65.3	60.3	60.3	55.3
22.5°	130.7	110.6	105.6	95.5	90.5	85.5	75.4	70.4	65.3	60.3	55.3
25°	160.9	130.7	115.6	100.5	95.5	85.5	80.4	70.4	65.3	60.3	55.3
27.5°	196.0	145.8	130.7	110.6	100.5	90.5	80.4	70.4	65.3	60.3	55.3
30°	241.3	170.9	145.8	120.6	110.6	100.5	85.5	75.4	70.4	65.3	55.3
32.5°	336.8	211.1	170.9	130.7	115.6	105.6	90.5	75.4	70.4	65.3	55.3
35°	407.2	256.4	206.1	150.8	130.7	115.6	95.5	75.4	70.4	65.3	55.3
37.5°	472.5	261.4	211.1	160.9	140.8	120.6	95.5	75.4	70.4	65.3	55.3
40°	578.1	271.5	211.1	150.8	135.7	115.6	100.5	80.4	75.4	65.3	60.3
42.5°	779.2	311.7	226.2	140.8	125.7	115.6	100.5	85.5	75.4	70.4	60.3
45°	1296.9	462.5	306.6	145.8	130.7	115.6	100.5	85.5	80.4	70.4	65.3
47.5°	2206.8	804.3	477.6	150.8	135.7	115.6	100.5	80.4	75.4	70.4	60.3
50°	2825.1	1030.5	603.2	175.9	150.8	130.7	105.6	80.4	75.4	70.4	65.3
52.5°	3001.1	1095.9	653.5	206.1	175.9	145.8	110.6	80.4	75.4	75.4	70.4
55°	2749.7	1065.7	653.5	241.3	201.1	165.9	125.7	85.5	80.4	80.4	75.4
57.5°	2337.5	985.3	623.3	261.4	221.2	175.9	135.7	90.5	85.5	85.5	80.4
60°	1925.3	829.4	563.0	291.6	246.3	201.1	155.8	110.6	105.6	100.5	90.5
62.5°	1528.2	668.6	492.6	311.7	266.4	216.2	170.9	120.6	115.6	110.6	105.6
65°	1151.2	583.1	457.4	326.7	276.5	226.2	175.9	125.7	120.6	120.6	115.6
67.5°	884.7	532.9	437.3	336.8	286.5	236.3	186.0	135.7	130.7	125.7	120.6
70°	698.7	492.6	412.2	331.8	286.5	241.3	191.0	145.8	135.7	130.7	120.6
72.5°	583.1	447.4	382.0	316.7	281.5	246.3	211.1	175.9	155.8	140.8	120.6
75°	487.6	402.2	346.9	286.5	261.4	241.3	216.2	191.0	165.9	140.8	115.6
77.5°	321.7	291.6	266.4	241.3	226.2	211.1	191.0	175.9	150.8	130.7	105.6
80°	135.7	125.7	130.7	130.7	130.7	130.7	125.7	125.7	110.6	95.5	75.4
82.5°	30.2	25.1	30.2	30.2	30.2	30.2	25.1	25.1	25.1	20.1	20.1
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°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
5°	40.2	40.2	40.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
7.5°	40.2	40.2	40.2	35.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
10°	40.2	40.2	40.2	35.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
12.5°	45.2	45.2	40.2	40.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
15°	45.2	45.2	40.2	40.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
17.5°	50.3	45.2	45.2	40.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
20°	50.3	45.2	45.2	40.2	35.2	35.2	35.2	30.2	30.2	30.2	30.2
22.5°	50.3	45.2	45.2	40.2	35.2	35.2	30.2	30.2	25.1	25.1	20.1
25°	50.3	45.2	45.2	40.2	35.2	35.2	30.2	30.2	25.1	20.1	20.1
27.5°	50.3	45.2	45.2	40.2	35.2	30.2	30.2	25.1	20.1	15.1	15.1
30°	50.3	45.2	45.2	40.2	35.2	30.2	25.1	20.1	15.1	15.1	10.1
32.5°	50.3	45.2	40.2	35.2	30.2	25.1	25.1	20.1	15.1	10.1	10.1
35°	50.3	45.2	40.2	35.2	30.2	25.1	25.1	20.1	15.1	10.1	10.1
37.5°	50.3	45.2	40.2	35.2	30.2	25.1	20.1	15.1	10.1	10.1	5.0
40°	50.3	45.2	40.2	35.2	30.2	25.1	20.1	15.1	10.1	10.1	5.0
42.5°	50.3	45.2	40.2	35.2	30.2	25.1	20.1	15.1	10.1	10.1	5.0
45°	55.3	50.3	45.2	35.2	30.2	25.1	25.1	20.1	15.1	10.1	10.1
47.5°	55.3	50.3	45.2	35.2	30.2	25.1	25.1	20.1	15.1	10.1	10.1
50°	60.3	55.3	50.3	40.2	35.2	30.2	25.1	15.1	10.1	10.1	5.0
52.5°	65.3	60.3	55.3	50.3	45.2	35.2	25.1	15.1	5.0	5.0	5.0
55°	70.4	65.3	65.3	60.3	55.3	40.2	30.2	15.1	0.0	0.0	0.0
57.5°	75.4	70.4	70.4	65.3	60.3	45.2	30.2	15.1	0.0	0.0	0.0
60°	85.5	80.4	75.4	65.3	60.3	45.2	30.2	15.1	0.0	0.0	0.0
62.5°	100.5	90.5	75.4	65.3	50.3	40.2	25.1	15.1	0.0	0.0	0.0
65°	110.6	95.5	80.4	60.3	45.2	35.2	25.1	10.1	0.0	0.0	0.0
67.5°	115.6	95.5	80.4	60.3	40.2	30.2	20.1	10.1	0.0	0.0	0.0
70°	110.6	90.5	75.4	55.3	35.2	25.1	20.1	10.1	0.0	0.0	0.0
72.5°	100.5	85.5	65.3	50.3	30.2	25.1	15.1	10.1	0.0	0.0	0.0
75°	90.5	75.4	55.3	40.2	20.1	15.1	10.1	5.0	0.0	0.0	0.0
77.5°	80.4	65.3	45.2	30.2	10.1	10.1	5.0	5.0	0.0	0.0	0.0
80°	60.3	45.2	30.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.1	10.1	10.1	5.0	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



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CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
5°	30.2	30.2	30.2	30.2	25.1	25.1	25.1	25.1	25.1	25.1	25.1
7.5°	30.2	30.2	30.2	30.2	25.1	25.1	25.1	25.1	20.1	20.1	20.1
10°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	20.1	20.1	20.1
12.5°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	20.1	20.1	20.1
15°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	20.1	20.1	15.1	15.1
17.5°	25.1	25.1	25.1	25.1	20.1	20.1	20.1	15.1	15.1	10.1	10.1
20°	25.1	25.1	25.1	20.1	20.1	15.1	15.1	10.1	10.1	5.0	5.0
22.5°	20.1	15.1	15.1	10.1	10.1	5.0	5.0	5.0	0.0	0.0	0.0
25°	15.1	10.1	10.1	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	10.1	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	10.1	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	5.0	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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	30.2	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
5°	25.1	25.1	25.1	25.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
7.5°	20.1	20.1	20.1	20.1	20.1	20.1	15.1	15.1	15.1	15.1	15.1
10°	20.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	10.1	10.1
12.5°	20.1	15.1	15.1	15.1	10.1	10.1	10.1	10.1	10.1	5.0	5.0
15°	15.1	10.1	10.1	10.1	5.0	5.0	5.0	5.0	5.0	0.0	0.0
17.5°	10.1	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	5.0	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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	30.2	30.2
5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
7.5°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
10°	10.1	10.1	10.1	10.1	10.1	10.1	5.0	5.0	5.0	5.0	5.0
12.5°	5.0	5.0	5.0	5.0	5.0	5.0	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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	30.2	30.2	30.2	30.2	30.2	35.2	35.2	40.2	40.2	45.2	45.2
5°	20.1	20.1	25.1	25.1	25.1	25.1	30.2	30.2	30.2	35.2	35.2
7.5°	15.1	15.1	15.1	15.1	15.1	20.1	20.1	25.1	25.1	30.2	30.2
10°	5.0	5.0	10.1	10.1	10.1	10.1	15.1	15.1	15.1	20.1	25.1
12.5°	0.0	0.0	5.0	5.0	5.0	5.0	10.1	10.1	10.1	15.1	20.1
15°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	10.1	15.1
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	50.3	50.3	55.3	55.3	60.3	60.3	65.3	65.3	65.3	65.3	65.3
5°	40.2	40.2	45.2	50.3	50.3	55.3	60.3	60.3	60.3	60.3	60.3
7.5°	35.2	35.2	40.2	45.2	45.2	50.3	55.3	55.3	60.3	60.3	60.3
10°	25.1	30.2	35.2	40.2	40.2	45.2	50.3	50.3	55.3	55.3	55.3
12.5°	20.1	25.1	30.2	35.2	35.2	40.2	45.2	45.2	50.3	50.3	55.3
15°	15.1	20.1	25.1	30.2	30.2	35.2	40.2	40.2	45.2	50.3	55.3
17.5°	10.1	15.1	20.1	25.1	25.1	30.2	35.2	40.2	45.2	45.2	50.3
20°	10.1	10.1	15.1	20.1	20.1	25.1	30.2	35.2	40.2	40.2	45.2
22.5°	5.0	5.0	10.1	15.1	15.1	20.1	25.1	30.2	35.2	35.2	40.2
25°	0.0	0.0	5.0	10.1	10.1	15.1	20.1	20.1	25.1	25.1	30.2
27.5°	0.0	0.0	5.0	5.0	10.1	10.1	15.1	15.1	20.1	20.1	25.1
30°	0.0	0.0	5.0	5.0	10.1	10.1	15.1	15.1	20.1	20.1	20.1
32.5°	0.0	0.0	0.0	5.0	5.0	5.0	10.1	10.1	15.1	15.1	20.1
35°	0.0	0.0	0.0	5.0	5.0	5.0	10.1	10.1	15.1	15.1	15.1
37.5°	0.0	0.0	0.0	5.0	5.0	5.0	10.1	10.1	10.1	10.1	15.1
40°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
45°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
50°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	10.1	10.1	10.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	10.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0
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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	65.3	65.3
5°	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	60.3	60.3
7.5°	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	60.3	60.3
10°	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
12.5°	55.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
15°	55.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
17.5°	50.3	55.3	55.3	55.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
20°	45.2	50.3	50.3	50.3	55.3	55.3	55.3	55.3	60.3	60.3	60.3
22.5°	40.2	45.2	45.2	45.2	50.3	50.3	50.3	50.3	55.3	55.3	55.3
25°	35.2	35.2	40.2	40.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
27.5°	25.1	30.2	30.2	30.2	35.2	35.2	35.2	35.2	40.2	40.2	40.2
30°	25.1	25.1	25.1	25.1	30.2	30.2	30.2	30.2	35.2	35.2	35.2
32.5°	20.1	25.1	25.1	25.1	30.2	30.2	30.2	30.2	35.2	35.2	35.2
35°	20.1	20.1	20.1	20.1	25.1	25.1	25.1	25.1	30.2	30.2	30.2
37.5°	15.1	20.1	20.1	20.1	25.1	25.1	25.1	25.1	30.2	30.2	30.2
40°	15.1	15.1	15.1	15.1	20.1	20.1	20.1	20.1	25.1	25.1	25.1
42.5°	15.1	15.1	15.1	15.1	20.1	20.1	20.1	20.1	25.1	25.1	25.1
45°	15.1	15.1	15.1	15.1	20.1	20.1	20.1	20.1	25.1	25.1	25.1
47.5°	15.1	15.1	15.1	15.1	20.1	20.1	20.1	20.1	25.1	25.1	25.1
50°	15.1	15.1	15.1	15.1	20.1	20.1	20.1	20.1	25.1	25.1	25.1
52.5°	10.1	10.1	10.1	10.1	15.1	15.1	15.1	15.1	20.1	20.1	20.1
55°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	15.1	15.1	15.1
57.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	15.1	15.1	15.1
60°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
62.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
65°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	5.0	5.0
67.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
70°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
72.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
75°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
77.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
80°	15.1	15.1	15.1	15.1	15.1	10.1	10.1	10.1	10.1	10.1	10.1
82.5°	10.1	15.1	15.1	15.1	15.1	10.1	10.1	10.1	10.1	10.1	10.1
85°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
87.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	65.3	65.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	65.3	65.3
5°	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	65.3	65.3
7.5°	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	65.3	65.3
10°	60.3	60.3	60.3	60.3	55.3	55.3	60.3	60.3	60.3	65.3	65.3
12.5°	60.3	60.3	60.3	60.3	55.3	55.3	60.3	60.3	65.3	65.3	70.4
15°	60.3	60.3	55.3	55.3	55.3	55.3	60.3	60.3	65.3	65.3	70.4
17.5°	60.3	60.3	55.3	55.3	55.3	55.3	60.3	60.3	65.3	65.3	70.4
20°	60.3	60.3	55.3	55.3	55.3	55.3	55.3	55.3	60.3	65.3	65.3
22.5°	55.3	55.3	55.3	55.3	50.3	50.3	55.3	55.3	60.3	65.3	65.3
25°	45.2	50.3	50.3	50.3	50.3	50.3	55.3	55.3	60.3	65.3	65.3
27.5°	40.2	45.2	45.2	45.2	45.2	50.3	50.3	55.3	60.3	65.3	65.3
30°	35.2	40.2	40.2	40.2	45.2	50.3	50.3	55.3	60.3	65.3	65.3
32.5°	35.2	40.2	40.2	40.2	45.2	45.2	50.3	50.3	55.3	60.3	65.3
35°	35.2	35.2	40.2	40.2	40.2	45.2	45.2	50.3	55.3	60.3	65.3
37.5°	35.2	35.2	40.2	40.2	40.2	45.2	45.2	50.3	55.3	60.3	65.3
40°	30.2	35.2	35.2	40.2	40.2	45.2	45.2	50.3	55.3	65.3	70.4
42.5°	30.2	30.2	35.2	35.2	40.2	45.2	45.2	50.3	55.3	65.3	70.4
45°	30.2	35.2	35.2	40.2	45.2	50.3	50.3	55.3	60.3	65.3	70.4
47.5°	30.2	35.2	35.2	40.2	50.3	50.3	55.3	55.3	60.3	65.3	70.4
50°	30.2	35.2	35.2	40.2	55.3	55.3	55.3	55.3	60.3	65.3	70.4
52.5°	25.1	30.2	30.2	35.2	45.2	50.3	55.3	60.3	65.3	70.4	75.4
55°	20.1	25.1	25.1	30.2	40.2	45.2	55.3	65.3	70.4	75.4	80.4
57.5°	20.1	20.1	25.1	25.1	35.2	45.2	60.3	70.4	75.4	80.4	85.5
60°	15.1	15.1	20.1	20.1	30.2	40.2	55.3	70.4	75.4	85.5	90.5
62.5°	10.1	15.1	15.1	20.1	25.1	40.2	55.3	70.4	80.4	90.5	95.5
65°	10.1	10.1	15.1	15.1	25.1	35.2	50.3	60.3	75.4	90.5	105.6
67.5°	15.1	15.1	20.1	20.1	25.1	35.2	50.3	60.3	75.4	95.5	110.6
70°	15.1	15.1	20.1	20.1	30.2	40.2	50.3	60.3	75.4	95.5	110.6
72.5°	15.1	15.1	20.1	20.1	30.2	35.2	45.2	55.3	70.4	85.5	100.5
75°	10.1	15.1	15.1	15.1	25.1	30.2	40.2	50.3	65.3	80.4	95.5
77.5°	10.1	10.1	10.1	10.1	20.1	25.1	35.2	40.2	55.3	70.4	85.5
80°	10.1	10.1	10.1	10.1	15.1	20.1	30.2	35.2	50.3	65.3	80.4
82.5°	10.1	10.1	5.0	5.0	10.1	15.1	20.1	25.1	40.2	50.3	65.3
85°	10.1	10.1	5.0	5.0	5.0	10.1	10.1	15.1	20.1	25.1	30.2
87.5°	10.1	10.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	65.3	65.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
5°	65.3	70.4	70.4	75.4	75.4	75.4	80.4	80.4	80.4	80.4	80.4
7.5°	65.3	70.4	70.4	75.4	75.4	75.4	80.4	80.4	80.4	85.5	85.5
10°	65.3	70.4	70.4	75.4	75.4	80.4	85.5	85.5	90.5	90.5	90.5
12.5°	70.4	75.4	75.4	80.4	80.4	85.5	90.5	90.5	95.5	100.5	100.5
15°	70.4	75.4	80.4	80.4	85.5	90.5	95.5	95.5	100.5	105.6	110.6
17.5°	70.4	75.4	80.4	80.4	85.5	90.5	100.5	105.6	110.6	120.6	125.7
20°	70.4	75.4	80.4	80.4	85.5	95.5	100.5	110.6	115.6	125.7	135.7
22.5°	70.4	75.4	80.4	85.5	90.5	100.5	110.6	115.6	125.7	140.8	150.8
25°	70.4	75.4	80.4	85.5	90.5	100.5	110.6	120.6	130.7	150.8	170.9
27.5°	70.4	75.4	85.5	90.5	95.5	105.6	120.6	130.7	140.8	175.9	211.1
30°	70.4	75.4	85.5	90.5	95.5	110.6	125.7	135.7	150.8	211.1	266.4
32.5°	70.4	80.4	85.5	95.5	100.5	115.6	135.7	150.8	165.9	251.3	331.8
35°	70.4	80.4	85.5	95.5	100.5	120.6	140.8	160.9	181.0	306.6	432.3
37.5°	70.4	80.4	85.5	95.5	100.5	130.7	160.9	191.0	221.2	351.9	482.6
40°	75.4	85.5	90.5	100.5	105.6	135.7	165.9	196.0	226.2	356.9	487.6
42.5°	75.4	85.5	90.5	100.5	105.6	130.7	160.9	186.0	211.1	356.9	502.7
45°	75.4	85.5	95.5	100.5	110.6	135.7	160.9	181.0	206.1	392.1	573.1
47.5°	75.4	85.5	95.5	100.5	110.6	135.7	160.9	186.0	211.1	517.8	819.4
50°	75.4	85.5	95.5	100.5	110.6	140.8	170.9	201.1	231.2	774.1	1317.1
52.5°	80.4	85.5	95.5	100.5	105.6	140.8	175.9	211.1	246.3	1005.4	1759.4
55°	85.5	90.5	95.5	100.5	105.6	150.8	196.0	241.3	286.5	1080.8	1870.0
57.5°	90.5	95.5	100.5	100.5	105.6	160.9	221.2	276.5	331.8	1075.8	1814.7
60°	95.5	100.5	105.6	110.6	115.6	170.9	231.2	286.5	341.8	975.2	1608.6
62.5°	105.6	115.6	125.7	130.7	140.8	196.0	246.3	301.6	351.9	799.3	1241.6
65°	120.6	130.7	135.7	145.8	150.8	201.1	256.4	306.6	356.9	663.6	965.2
67.5°	125.7	135.7	140.8	150.8	155.8	206.1	256.4	306.6	356.9	563.0	764.1
70°	125.7	135.7	145.8	150.8	160.9	211.1	256.4	306.6	351.9	487.6	623.3
72.5°	115.6	130.7	140.8	155.8	165.9	211.1	251.3	296.6	336.8	432.3	527.8
75°	110.6	130.7	145.8	165.9	181.0	211.1	246.3	276.5	306.6	377.0	447.4
77.5°	100.5	125.7	150.8	175.9	201.1	221.2	236.3	256.4	271.5	316.7	361.9
80°	95.5	120.6	145.8	170.9	196.0	206.1	211.1	221.2	226.2	231.2	236.3
82.5°	75.4	95.5	115.6	130.7	150.8	140.8	135.7	125.7	115.6	110.6	105.6
85°	35.2	40.2	40.2	45.2	45.2	45.2	40.2	40.2	35.2	30.2	25.1
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	70.4	70.4	70.4	70.4	65.3	65.3	65.3	65.3	60.3	60.3	60.3
5°	80.4	80.4	80.4	80.4	75.4	75.4	75.4	75.4	70.4	70.4	70.4
7.5°	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
10°	95.5	95.5	95.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
12.5°	105.6	105.6	110.6	110.6	115.6	115.6	120.6	120.6	125.7	125.7	125.7
15°	115.6	120.6	125.7	130.7	130.7	135.7	140.8	145.8	150.8	155.8	160.9
17.5°	135.7	140.8	150.8	160.9	170.9	181.0	196.0	216.2	231.2	246.3	266.4
20°	150.8	165.9	196.0	231.2	261.4	291.6	367.0	442.4	517.8	593.2	668.6
22.5°	181.0	211.1	311.7	417.2	517.8	618.3	854.6	1090.8	1322.1	1558.3	1769.5
25°	241.3	306.6	537.9	769.1	995.3	1226.6	1648.8	2076.1	2498.4	2920.6	3312.7
27.5°	331.8	452.4	829.4	1211.5	1588.5	1965.5	2578.8	3197.1	3810.4	4428.7	4976.6
30°	462.5	658.5	1221.5	1789.6	2352.6	2915.6	3689.8	4468.9	5243.1	6017.2	6519.9
32.5°	628.4	919.9	1633.7	2347.6	3061.4	3775.2	4629.8	5484.4	6333.9	7188.5	7721.3
35°	804.3	1176.3	2035.9	2900.5	3760.1	4624.8	5524.6	6424.4	7324.2	8224.0	8877.5
37.5°	904.8	1327.1	2347.6	3368.0	4383.5	5403.9	6389.2	7379.5	8364.8	9350.1	10144.3
40°	1000.4	1508.1	2684.4	3860.7	5037.0	6213.3	7364.4	8515.6	9666.8	10817.9	11838.4
42.5°	1141.1	1779.5	3151.9	4524.2	5891.5	7263.9	8777.0	10295.1	11808.2	13321.3	14889.7
45°	1432.7	2292.3	4071.8	5851.3	7625.8	9405.4	11551.9	13703.4	15849.9	18001.4	20012.2
47.5°	2136.4	3448.5	5876.5	8304.5	10732.5	13160.5	15633.7	18107.0	20580.2	23053.4	25446.3
50°	3307.7	5293.3	8329.6	11365.9	14397.1	17433.4	19901.6	22369.8	24833.0	27301.2	29678.9
52.5°	4408.6	7057.8	10320.3	13587.8	16850.2	20117.7	22304.4	24491.1	26677.9	28864.6	31166.9
55°	4785.6	7696.2	10998.9	14306.6	17609.3	20917.0	23023.3	25134.6	27240.9	29347.1	31734.9
57.5°	4453.8	7093.0	10420.8	13748.6	17071.4	20399.2	22751.8	25109.5	27462.1	29819.7	32378.4
60°	3730.0	5846.3	9340.0	12838.7	16332.5	19826.2	22480.4	25134.6	27788.8	30443.0	32996.7
62.5°	2955.8	4665.0	8364.8	12064.6	15764.4	19464.2	22163.7	24868.2	27567.6	30267.1	32227.6
65°	2267.1	3569.1	7208.6	10853.1	14492.6	18137.1	20349.0	22565.8	24777.7	26994.6	28351.8
67.5°	1684.0	2603.9	5786.0	8973.0	12155.1	15337.1	16965.8	18599.6	20228.3	21862.1	22917.7
70°	1241.6	1854.9	4021.5	6188.1	8349.7	10516.3	12009.3	13502.3	14990.3	16483.3	17579.1
72.5°	859.6	1186.4	2483.3	3785.3	5082.2	6379.2	7892.3	9405.4	10913.4	12426.5	13673.2
75°	588.1	728.9	1337.2	1945.4	2553.7	3161.9	4308.1	5454.2	6600.3	7746.5	8405.0
77.5°	437.3	512.7	693.7	879.7	1060.7	1241.6	1462.8	1684.0	1905.2	2126.4	2412.9
80°	241.3	241.3	266.4	286.5	311.7	331.8	392.1	457.4	517.8	583.1	663.6
82.5°	110.6	115.6	125.7	135.7	140.8	150.8	160.9	170.9	181.0	191.0	191.0
85°	30.2	35.2	35.2	30.2	30.2	25.1	25.1	30.2	30.2	30.2	30.2
87.5°	5.0	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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	60.3	55.3	55.3	55.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
5°	70.4	70.4	70.4	70.4	65.3	65.3	65.3	65.3	65.3	60.3	60.3
7.5°	85.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	75.4	75.4
10°	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	95.5	95.5
12.5°	125.7	125.7	125.7	125.7	130.7	130.7	125.7	125.7	125.7	120.6	120.6
15°	165.9	170.9	175.9	175.9	181.0	181.0	181.0	175.9	175.9	170.9	165.9
17.5°	281.5	296.6	316.7	336.8	356.9	372.0	372.0	361.9	351.9	341.8	331.8
20°	749.0	824.4	904.8	985.3	1070.7	1131.1	1090.8	1060.7	1030.5	995.3	965.2
22.5°	1985.6	2196.8	2412.9	2563.7	2714.5	2820.1	2734.6	2568.8	2402.9	2242.0	2076.1
25°	3704.8	4091.9	4484.0	4644.9	4810.8	4931.4	4876.1	4624.8	4373.4	4127.1	3875.8
27.5°	5524.6	6067.5	6615.4	6756.2	6896.9	7002.5	6982.4	6655.6	6328.9	6002.1	5675.4
30°	7022.6	7525.3	8028.0	8168.7	8309.5	8405.0	8299.4	7972.7	7645.9	7319.2	6992.4
32.5°	8259.2	8792.1	9330.0	9516.0	9702.0	9827.6	9702.0	9309.9	8917.8	8530.7	8138.6
35°	9531.0	10179.5	10833.0	11069.3	11305.5	11456.3	11245.2	10762.6	10280.0	9802.5	9319.9
37.5°	10938.6	11727.8	12522.1	12843.8	13170.5	13396.7	13235.9	12632.6	12024.4	11421.2	10812.9
40°	12863.9	13884.3	14909.8	15487.9	16061.0	16468.2	16181.7	15482.9	14779.1	14080.4	13376.6
42.5°	16463.2	18031.6	19600.0	20429.4	21253.8	21852.0	21530.3	20670.7	19811.1	18951.5	18091.9
45°	22022.9	24028.7	26039.4	27250.9	28467.4	29362.2	28990.2	27909.5	26823.6	25742.8	24662.1
47.5°	27839.1	30231.9	32624.7	33589.9	34560.1	35314.1	35223.6	33876.4	32529.2	31187.0	29839.8
50°	32061.7	34439.4	36817.1	37646.6	38481.1	39099.4	38868.1	37154.0	35434.7	33720.6	32001.4
52.5°	33469.2	35766.5	38068.9	39059.2	40049.5	40788.4	40506.9	38576.6	36646.2	34720.9	32790.6
55°	34122.7	36510.5	38898.3	40104.8	41316.2	42201.0	41793.8	39677.5	37556.1	35439.8	33318.4
57.5°	34937.1	37495.8	40054.5	41376.6	42698.6	43653.8	43110.9	40919.1	38727.4	36540.7	34348.9
60°	35550.4	38099.0	40652.7	41713.4	42779.1	43523.1	43000.3	40868.8	38732.4	36601.0	34469.6
62.5°	34193.1	36153.6	38114.1	38903.3	39692.5	40265.6	39969.0	37948.2	35927.4	33906.6	31885.7
65°	29714.1	31071.4	32433.7	32966.5	33494.4	33901.5	33811.1	32106.9	30402.8	28703.7	26999.6
67.5°	23978.4	25034.1	26094.7	26848.8	27607.8	28196.0	28130.6	26577.3	25024.0	23470.7	21917.4
70°	18680.0	19775.9	20871.8	21821.9	22777.0	23515.9	23420.4	21977.7	20529.9	19087.2	17639.5
72.5°	14924.9	16171.6	17418.3	17961.2	18504.1	18886.1	18604.6	17513.8	16417.9	15327.1	14231.2
75°	9063.5	9717.0	10375.6	10370.5	10370.5	10310.2	10028.7	9405.4	8782.0	8158.7	7535.4
77.5°	2699.5	2986.0	3272.5	3549.0	3830.5	4041.6	3986.3	3659.6	3327.8	3001.1	2669.3
80°	744.0	819.4	899.8	935.0	970.2	1015.4	1131.1	1050.6	970.2	894.8	814.4
82.5°	191.0	191.0	191.0	186.0	181.0	170.9	155.8	145.8	135.7	125.7	115.6
85°	30.2	25.1	25.1	25.1	20.1	20.1	20.1	20.1	15.1	15.1	10.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	50.3	50.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	40.2
5°	60.3	60.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	50.3
7.5°	75.4	75.4	70.4	70.4	70.4	70.4	65.3	65.3	65.3	65.3	60.3
10°	95.5	90.5	90.5	85.5	85.5	85.5	80.4	80.4	80.4	75.4	75.4
12.5°	120.6	115.6	115.6	110.6	105.6	105.6	100.5	95.5	90.5	90.5	85.5
15°	160.9	155.8	150.8	145.8	140.8	130.7	125.7	115.6	110.6	105.6	100.5
17.5°	306.6	281.5	256.4	231.2	211.1	191.0	170.9	150.8	140.8	130.7	120.6
20°	854.6	739.0	628.4	517.8	447.4	377.0	306.6	236.3	206.1	181.0	150.8
22.5°	1849.9	1618.7	1392.5	1161.2	975.2	794.3	608.3	422.3	351.9	286.5	216.2
25°	3438.4	2996.0	2558.7	2116.3	1764.4	1412.6	1060.7	708.8	578.1	447.4	316.7
27.5°	5102.3	4529.3	3956.2	3383.1	2825.1	2262.1	1699.1	1141.1	914.9	693.7	467.5
30°	6384.2	5775.9	5172.7	4564.4	3860.7	3156.9	2448.1	1744.3	1387.4	1030.5	668.6
32.5°	7485.1	6826.6	6173.1	5514.5	4700.2	3885.8	3071.4	2257.1	1809.7	1362.3	909.9
35°	8575.9	7826.9	7082.9	6333.9	5459.2	4584.5	3709.9	2835.2	2267.1	1699.1	1126.0
37.5°	9903.0	8988.1	8078.3	7168.4	6268.6	5373.8	4474.0	3574.1	2850.3	2131.4	1407.5
40°	12215.4	11049.2	9887.9	8721.7	7671.1	6625.5	5574.9	4524.2	3614.4	2704.5	1789.6
42.5°	16629.0	15166.2	13708.4	12245.6	10792.8	9340.0	7882.2	6429.4	5132.5	3840.6	2543.6
45°	22787.0	20912.0	19042.0	17166.9	15377.3	13592.8	11803.2	10013.6	8043.1	6072.5	4096.9
47.5°	27788.8	25732.8	23681.8	21625.8	19640.2	17659.6	15673.9	13688.3	11164.8	8646.3	6122.8
50°	30045.9	28085.4	26129.9	24169.4	22178.8	20183.1	18187.4	16196.7	13301.2	10410.7	7515.2
52.5°	30805.0	28814.3	26828.7	24838.0	22862.4	20886.8	18911.3	16935.7	13924.6	10918.5	7907.3
55°	31222.2	29120.9	27024.7	24923.5	22797.1	20665.7	18534.2	16407.9	13411.8	10420.8	7424.8
57.5°	32066.7	29779.5	27497.2	25210.0	22787.0	20364.0	17936.0	15513.1	12557.2	9601.4	6645.6
60°	32222.5	29970.5	27723.5	25476.4	22797.1	20117.7	17433.4	14754.0	11818.3	8887.6	5951.9
62.5°	30005.7	28125.6	26250.6	24370.5	21686.1	19001.8	16312.3	13628.0	10817.9	8007.9	5192.8
65°	25375.9	23752.2	22133.5	20509.8	18318.1	16131.4	13939.6	11747.9	9239.5	6736.1	4227.6
67.5°	20328.9	18740.4	17156.9	15568.4	13919.5	12275.7	10626.9	8978.1	7042.7	5107.3	3172.0
70°	16116.3	14588.1	13065.0	11536.8	10079.0	8616.1	7153.3	5695.5	4494.1	3297.7	2096.2
72.5°	12773.4	11310.6	9852.8	8389.9	7067.8	5745.8	4423.7	3101.6	2503.4	1910.2	1312.0
75°	6776.3	6017.2	5263.2	4504.1	3760.1	3011.1	2262.1	1518.1	1281.9	1045.6	804.3
77.5°	2337.5	2005.7	1679.0	1347.2	1121.0	894.8	668.6	442.4	417.2	397.1	372.0
80°	708.8	603.2	497.7	392.1	346.9	301.6	256.4	211.1	196.0	181.0	160.9
82.5°	110.6	100.5	95.5	85.5	80.4	80.4	75.4	70.4	60.3	55.3	45.2
85°	10.1	5.0	5.0	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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: P1067694

CATALOG NUMBER: NAV-SA5B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	45.2	45.2
2.5°	40.2	40.2
5°	50.3	50.3
7.5°	60.3	60.3
10°	70.4	70.4
12.5°	80.4	80.4
15°	95.5	90.5
17.5°	110.6	105.6
20°	120.6	110.6
22.5°	145.8	125.7
25°	186.0	155.8
27.5°	241.3	191.0
30°	311.7	241.3
32.5°	462.5	336.8
35°	558.0	407.2
37.5°	683.7	472.5
40°	879.7	573.1
42.5°	1246.7	779.2
45°	2126.4	1291.9
47.5°	3604.3	2201.8
50°	4619.7	2825.1
52.5°	4901.2	2996.0
55°	4433.7	2749.7
57.5°	3689.8	2337.5
60°	3021.2	1925.3
62.5°	2382.8	1523.2
65°	1719.2	1151.2
67.5°	1236.6	884.7
70°	899.8	693.7
72.5°	713.8	578.1
75°	568.0	482.6
77.5°	351.9	321.7
80°	145.8	135.7
82.5°	35.2	30.2
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: P1067694

CATALOG NUMBER: NAV-SA5B-727-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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

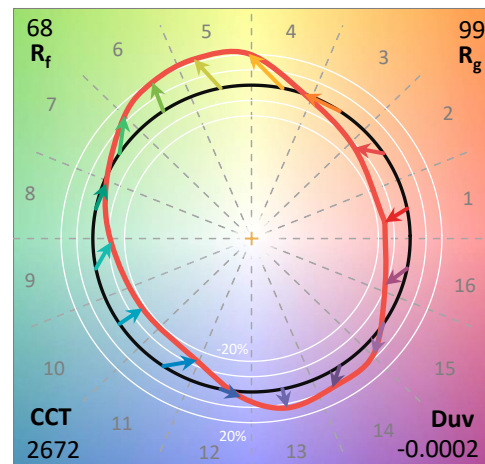
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

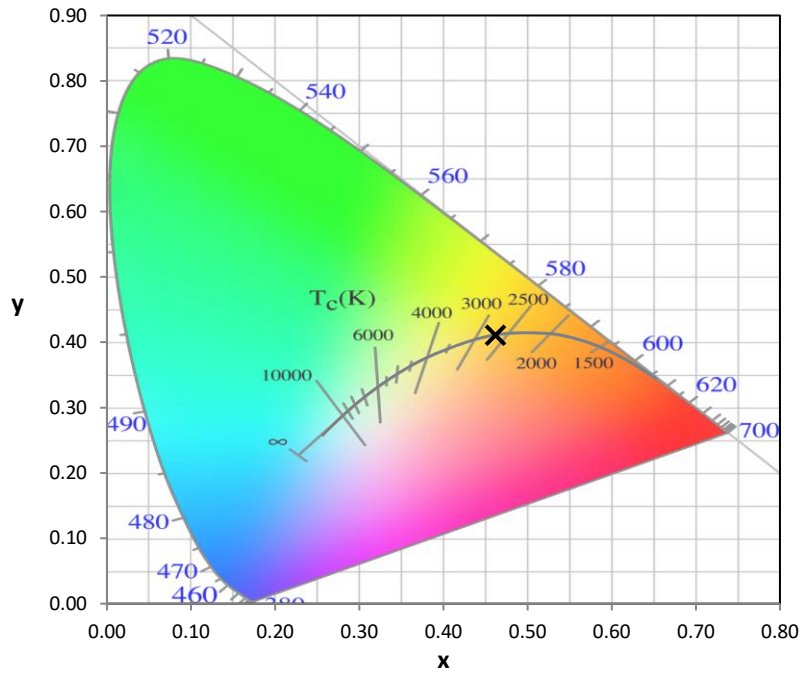
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

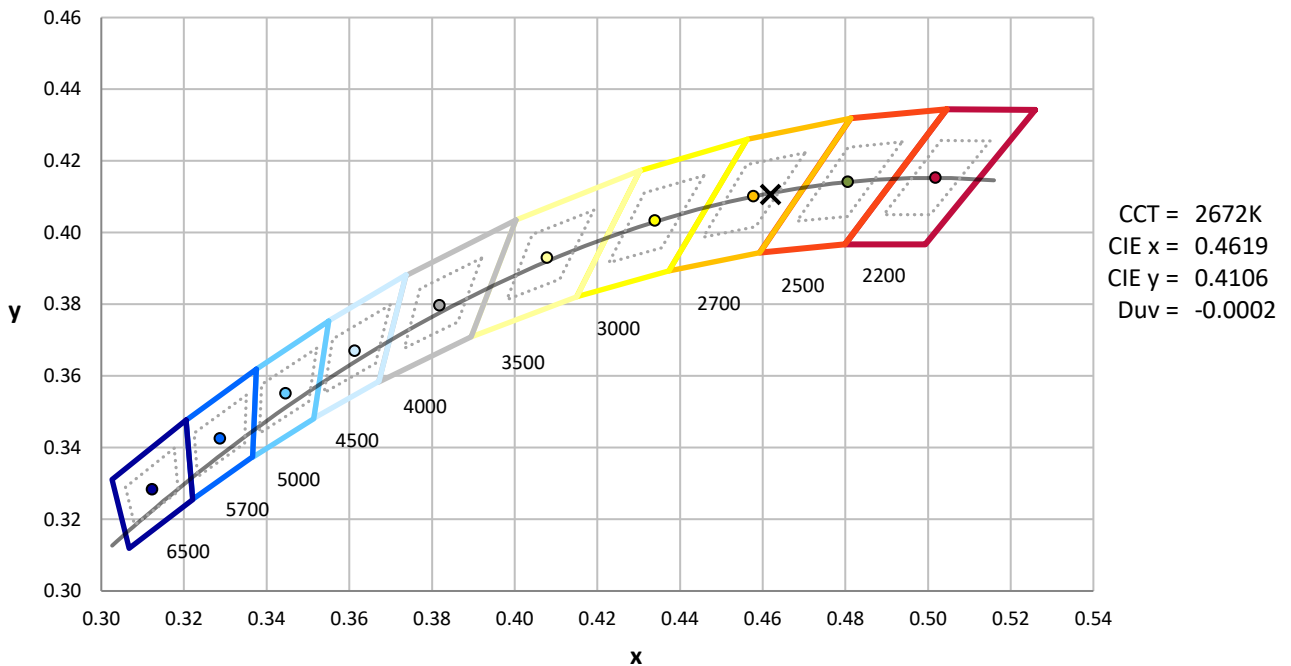
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



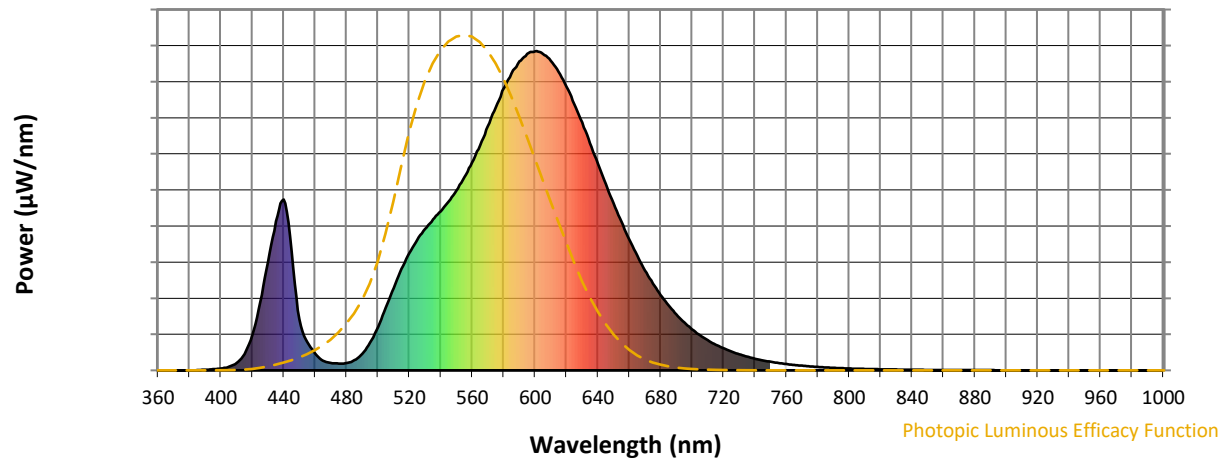
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

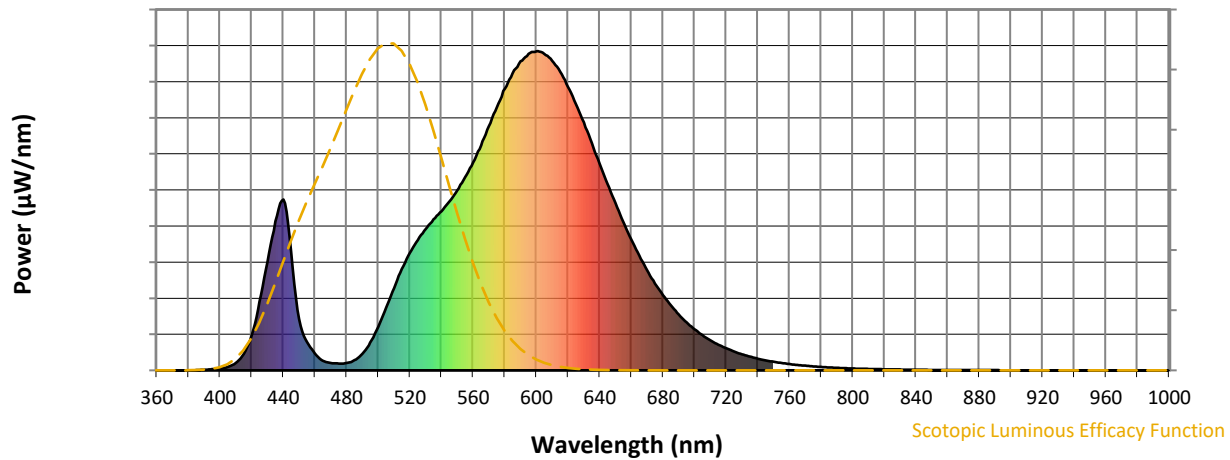


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

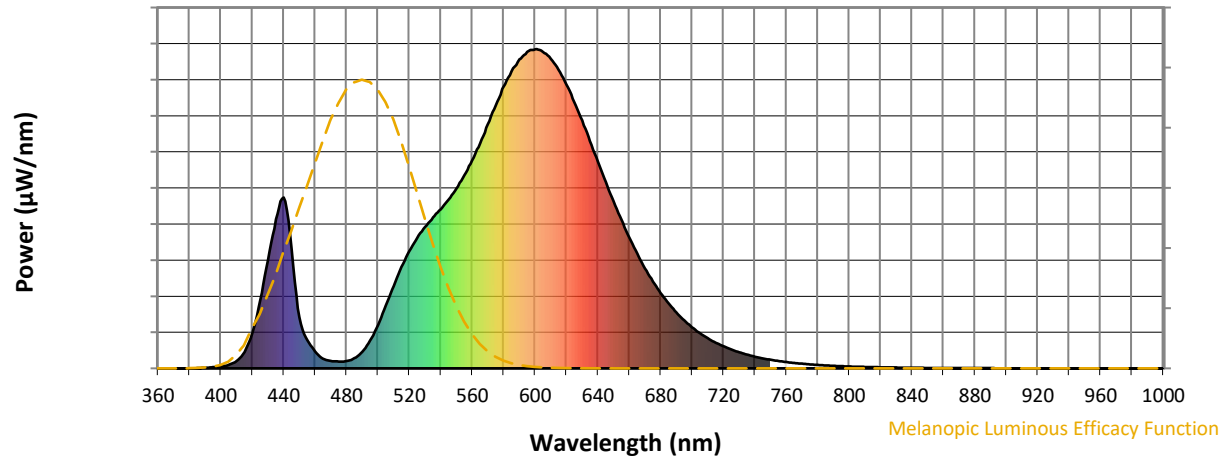


Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

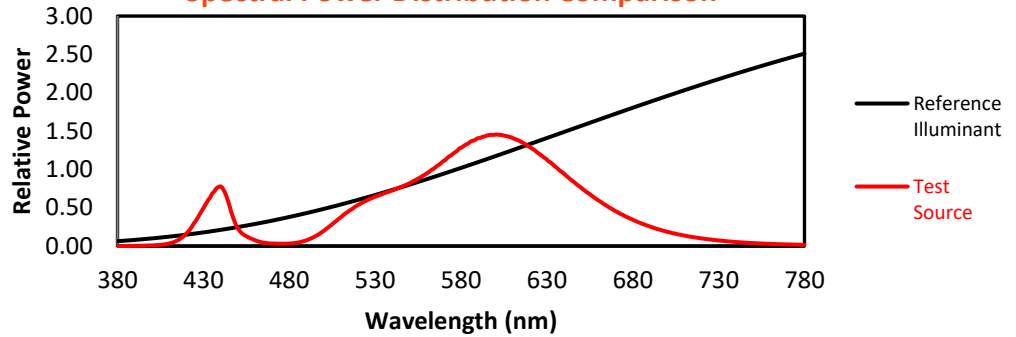
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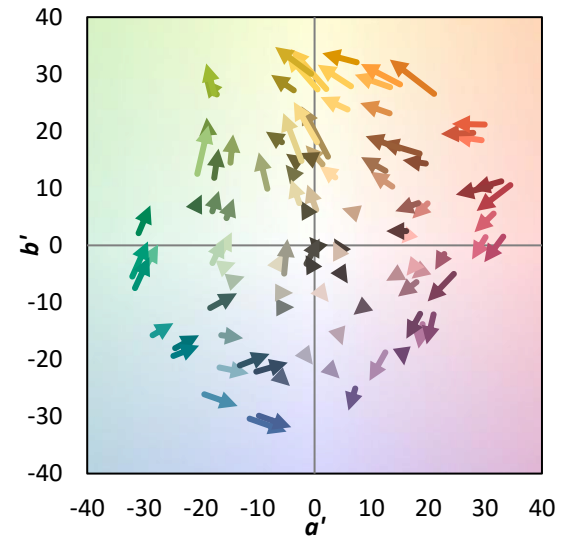
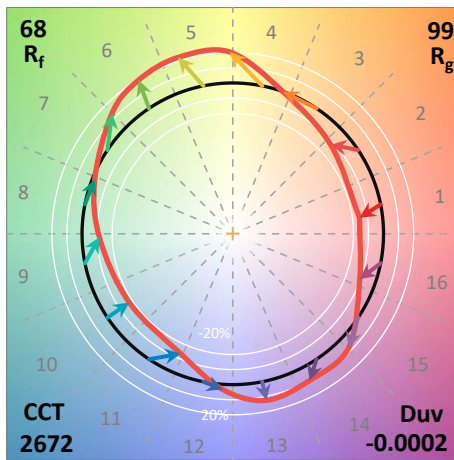
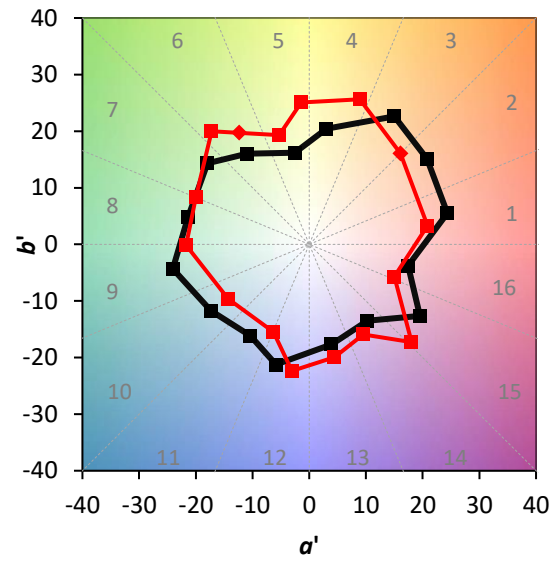
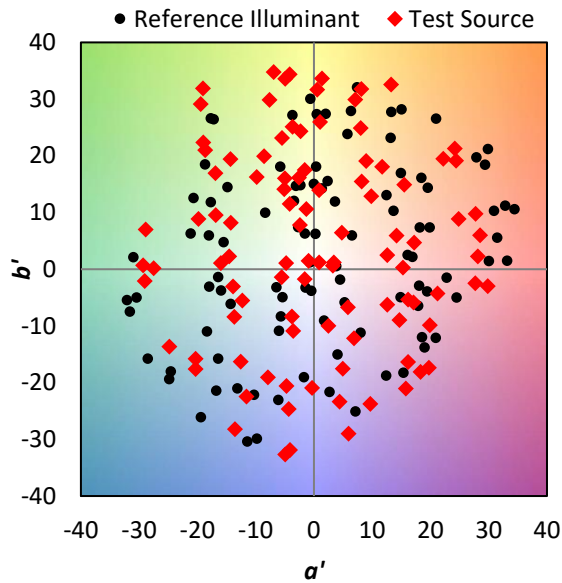
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $\text{CIE } R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

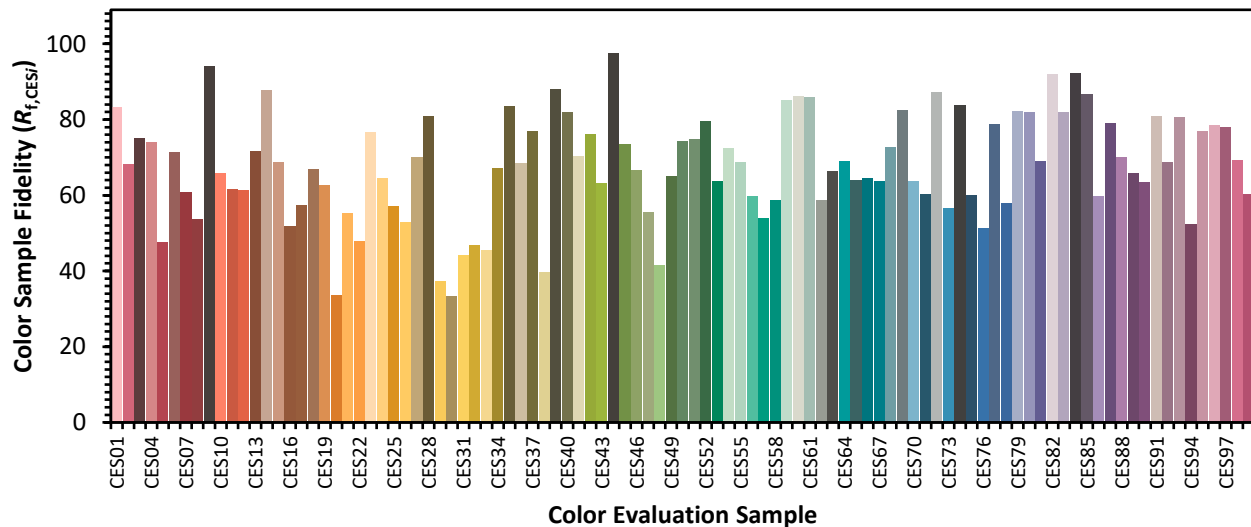


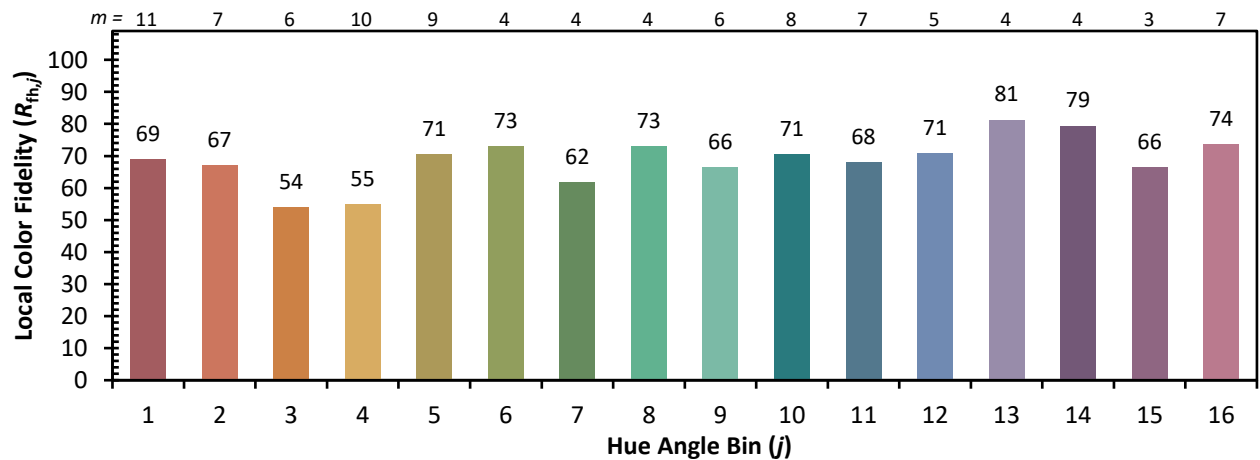
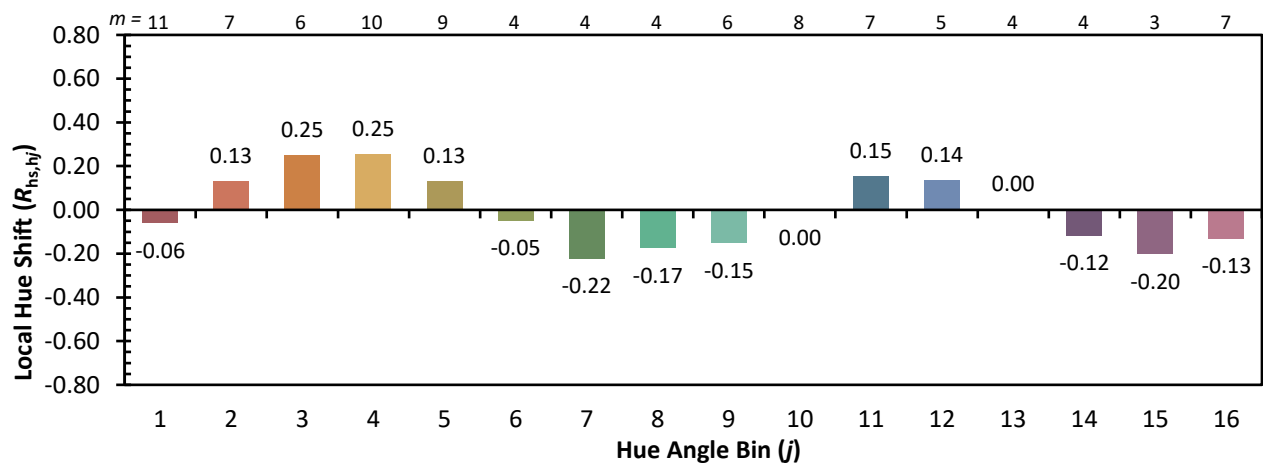
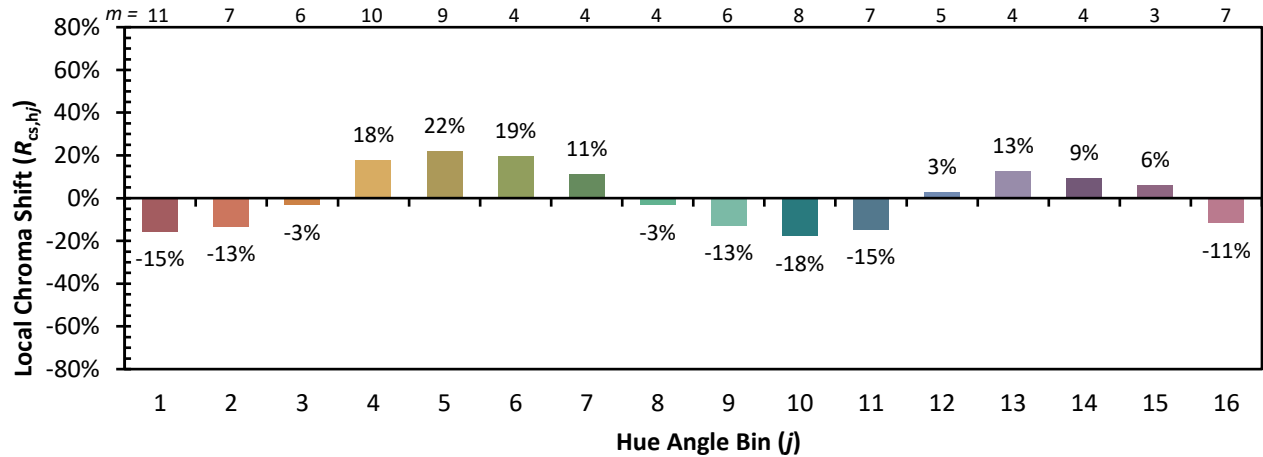
Color Vector Graphics



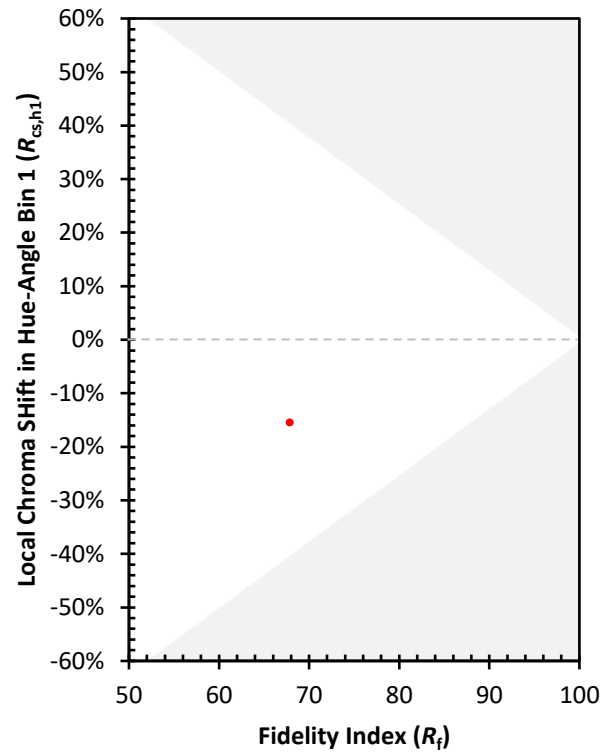
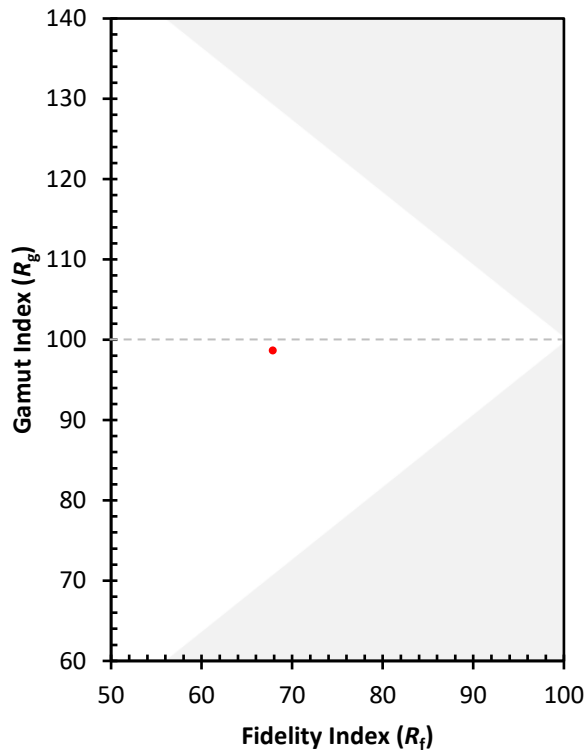
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)