

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: P1067815

Luminaire Tested: **NAV-SA5C-827-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067815
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5C-827-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17520 lumens
Efficiency: N/A
Efficacy: 74.2 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): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

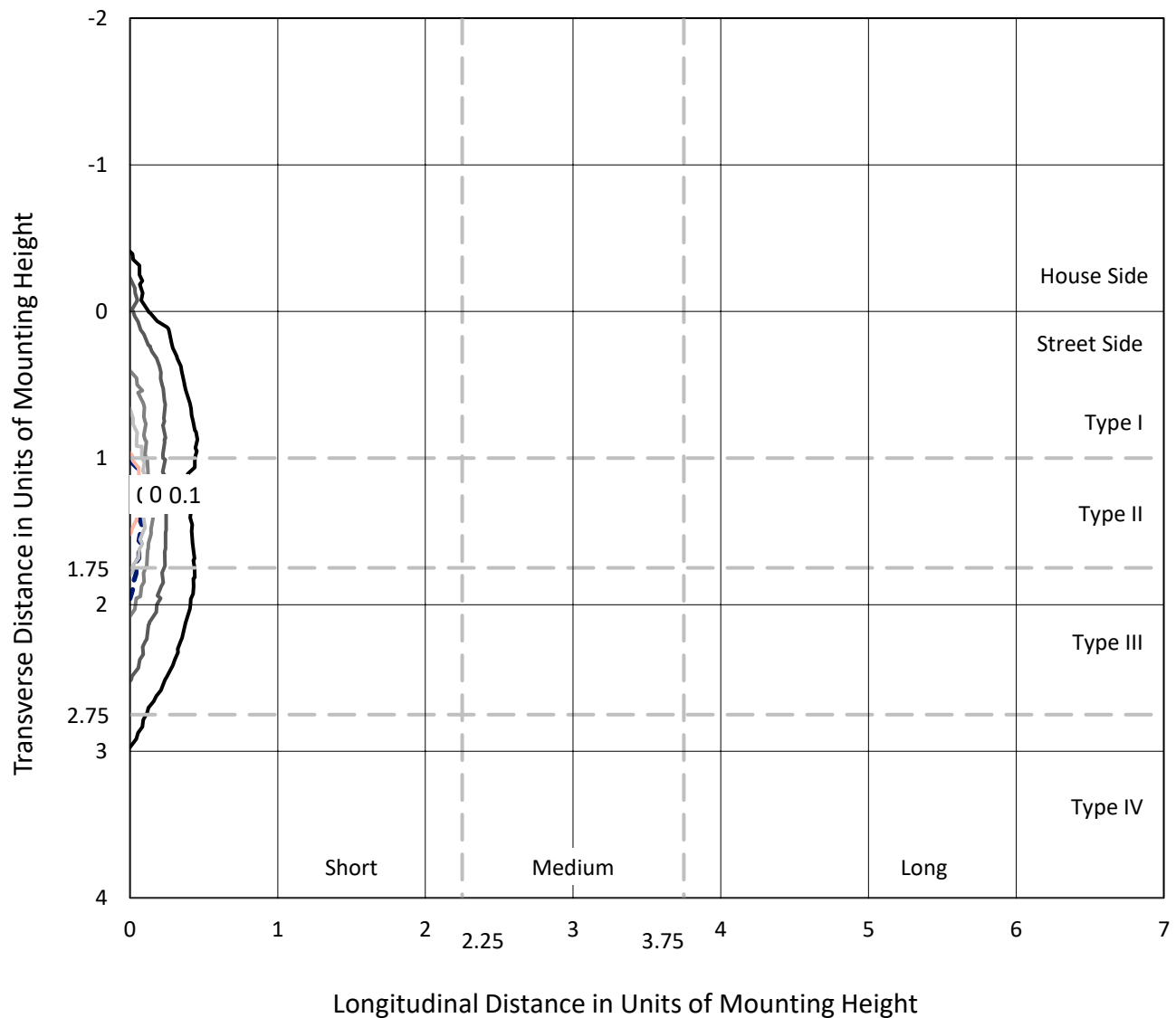


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

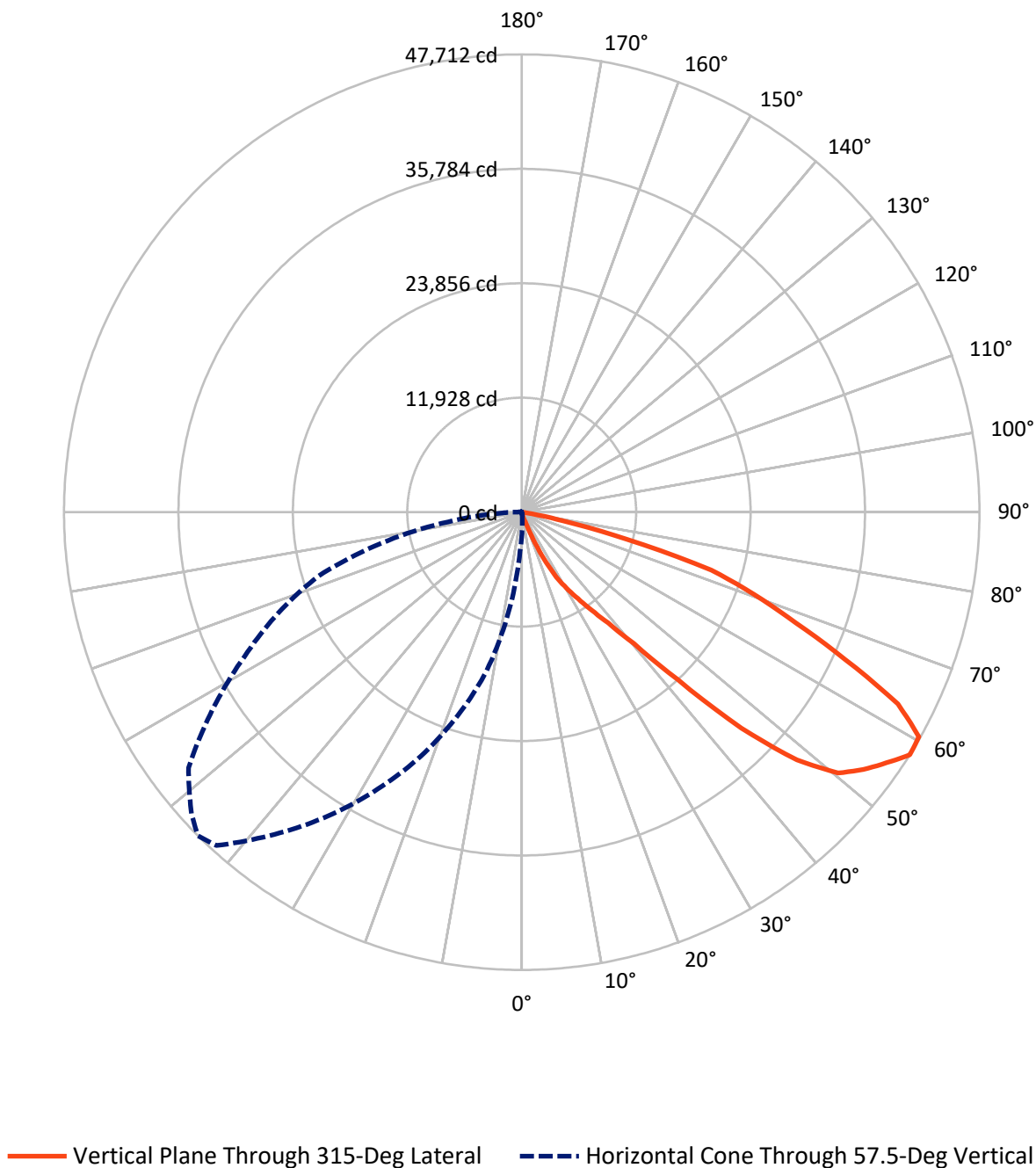


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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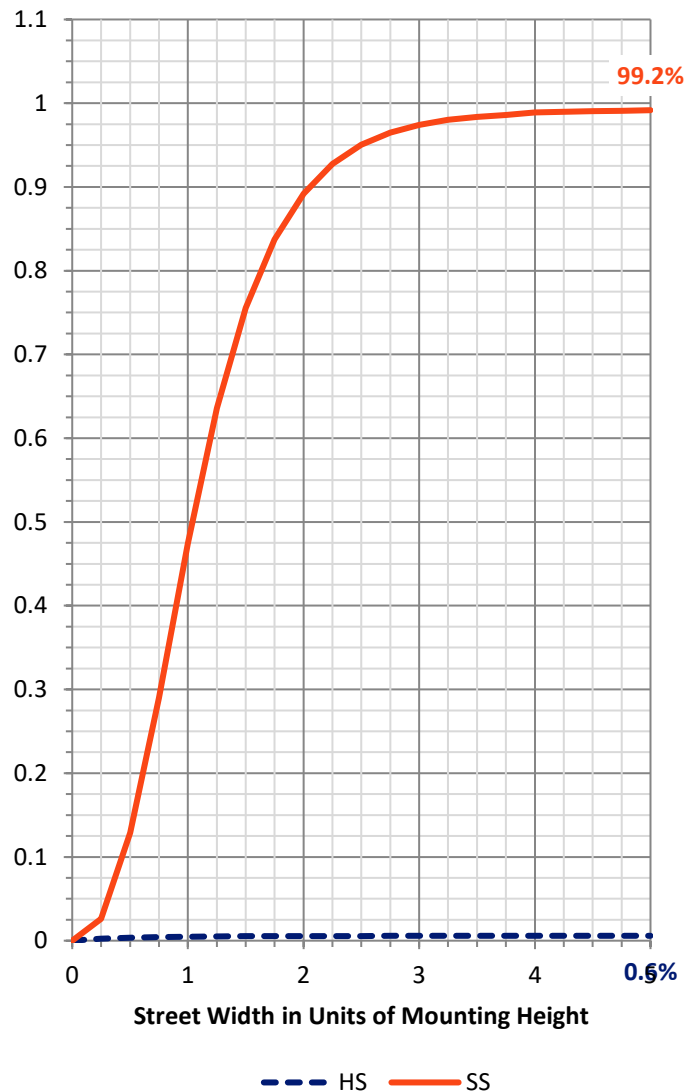
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.2	0.0	104.2
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	17415.7	0.0	17415.7
	% Fixture	99.4	0.0	99.4
Total	Lumens	17519.9	0.0	17519.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.0
10°-20°	25.7	0.1
20°-30°	327.0	1.9
30°-40°	1102.1	6.3
40°-50°	3328.2	19.0
50°-60°	5872.1	33.5
60°-70°	5173.3	29.5
70°-80°	1646.8	9.4
80°-90°	39.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	17519.9	100.0
0°-180°	17520.0	100.0



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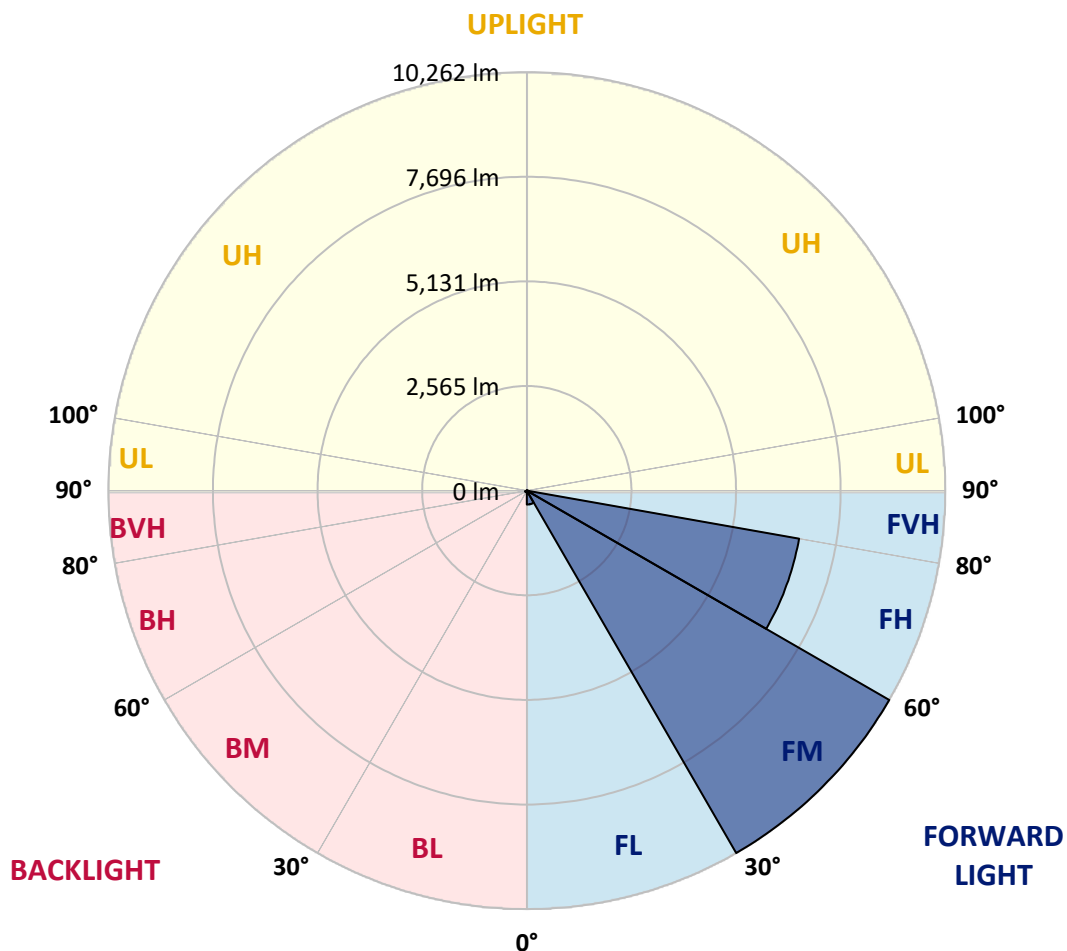
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	342.3	2.0			
FM	(30°-60°)	10262.0	58.6			
FH	(60°-80°)	6779.2	38.7			G3/7500
FVH	(80°-90°)	32.2	0.2			G1/100
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	40.4	0.2	B0/220		
BH	(60°-80°)	40.8	0.2	B0/110		G0/110
BVH	(80°-90°)	7.4	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°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	38.5
5°	54.9	54.9	54.9	49.4	49.4	49.4	44.0	44.0	44.0	44.0	44.0
7.5°	65.9	60.4	60.4	54.9	54.9	54.9	49.4	49.4	49.4	49.4	44.0
10°	76.9	71.4	71.4	65.9	65.9	60.4	60.4	54.9	54.9	49.4	49.4
12.5°	87.9	82.4	76.9	71.4	71.4	65.9	65.9	60.4	60.4	54.9	54.9
15°	98.9	93.4	87.9	82.4	76.9	76.9	71.4	65.9	60.4	60.4	54.9
17.5°	115.4	104.4	98.9	87.9	82.4	76.9	71.4	65.9	65.9	60.4	60.4
20°	120.9	109.9	104.4	93.4	87.9	82.4	76.9	71.4	65.9	65.9	60.4
22.5°	142.9	120.9	115.4	104.4	98.9	93.4	82.4	76.9	71.4	65.9	60.4
25°	175.8	142.9	126.4	109.9	104.4	93.4	87.9	76.9	71.4	65.9	60.4
27.5°	214.3	159.3	142.9	120.9	109.9	98.9	87.9	76.9	71.4	65.9	60.4
30°	263.7	186.8	159.3	131.9	120.9	109.9	93.4	82.4	76.9	71.4	60.4
32.5°	368.1	230.8	186.8	142.9	126.4	115.4	98.9	82.4	76.9	71.4	60.4
35°	445.0	280.2	225.3	164.8	142.9	126.4	104.4	82.4	76.9	71.4	60.4
37.5°	516.5	285.7	230.8	175.8	153.8	131.9	104.4	82.4	76.9	71.4	60.4
40°	631.8	296.7	230.8	164.8	148.3	126.4	109.9	87.9	82.4	71.4	65.9
42.5°	851.6	340.6	247.2	153.8	137.4	126.4	109.9	93.4	82.4	76.9	65.9
45°	1417.5	505.5	335.1	159.3	142.9	126.4	109.9	93.4	87.9	76.9	71.4
47.5°	2412.0	879.1	522.0	164.8	148.3	126.4	109.9	87.9	82.4	76.9	65.9
50°	3087.8	1126.3	659.3	192.3	164.8	142.9	115.4	87.9	82.4	76.9	71.4
52.5°	3280.1	1197.7	714.3	225.3	192.3	159.3	120.9	87.9	82.4	82.4	76.9
55°	3005.3	1164.8	714.3	263.7	219.8	181.3	137.4	93.4	87.9	87.9	82.4
57.5°	2554.8	1076.9	681.3	285.7	241.7	192.3	148.3	98.9	93.4	93.4	87.9
60°	2104.3	906.5	615.4	318.7	269.2	219.8	170.3	120.9	115.4	109.9	98.9
62.5°	1670.2	730.7	538.4	340.6	291.2	236.3	186.8	131.9	126.4	120.9	115.4
65°	1258.2	637.3	500.0	357.1	302.2	247.2	192.3	137.4	131.9	131.9	126.4
67.5°	967.0	582.4	478.0	368.1	313.2	258.2	203.3	148.3	142.9	137.4	131.9
70°	763.7	538.4	450.5	362.6	313.2	263.7	208.8	159.3	148.3	142.9	131.9
72.5°	637.3	489.0	417.6	346.1	307.7	269.2	230.8	192.3	170.3	153.8	131.9
75°	532.9	439.5	379.1	313.2	285.7	263.7	236.3	208.8	181.3	153.8	126.4
77.5°	351.6	318.7	291.2	263.7	247.2	230.8	208.8	192.3	164.8	142.9	115.4
80°	148.3	137.4	142.9	142.9	142.9	142.9	137.4	137.4	120.9	104.4	82.4
82.5°	33.0	27.5	33.0	33.0	33.0	33.0	27.5	27.5	27.5	22.0	22.0
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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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°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
5°	44.0	44.0	44.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
7.5°	44.0	44.0	44.0	38.5	38.5	38.5	38.5	33.0	33.0	33.0	33.0
10°	44.0	44.0	44.0	38.5	38.5	38.5	38.5	33.0	33.0	33.0	33.0
12.5°	49.4	49.4	44.0	44.0	38.5	38.5	38.5	33.0	33.0	33.0	33.0
15°	49.4	49.4	44.0	44.0	38.5	38.5	38.5	33.0	33.0	33.0	33.0
17.5°	54.9	49.4	49.4	44.0	38.5	38.5	38.5	33.0	33.0	33.0	33.0
20°	54.9	49.4	49.4	44.0	38.5	38.5	38.5	33.0	33.0	33.0	33.0
22.5°	54.9	49.4	49.4	44.0	38.5	38.5	33.0	33.0	27.5	27.5	22.0
25°	54.9	49.4	49.4	44.0	38.5	38.5	33.0	33.0	27.5	22.0	22.0
27.5°	54.9	49.4	49.4	44.0	38.5	33.0	33.0	27.5	22.0	16.5	16.5
30°	54.9	49.4	49.4	44.0	38.5	33.0	27.5	22.0	16.5	16.5	11.0
32.5°	54.9	49.4	44.0	38.5	33.0	27.5	27.5	22.0	16.5	11.0	11.0
35°	54.9	49.4	44.0	38.5	33.0	27.5	27.5	22.0	16.5	11.0	11.0
37.5°	54.9	49.4	44.0	38.5	33.0	27.5	22.0	16.5	11.0	11.0	5.5
40°	54.9	49.4	44.0	38.5	33.0	27.5	22.0	16.5	11.0	11.0	5.5
42.5°	54.9	49.4	44.0	38.5	33.0	27.5	22.0	16.5	11.0	11.0	5.5
45°	60.4	54.9	49.4	38.5	33.0	27.5	27.5	22.0	16.5	11.0	11.0
47.5°	60.4	54.9	49.4	38.5	33.0	27.5	27.5	22.0	16.5	11.0	11.0
50°	65.9	60.4	54.9	44.0	38.5	33.0	27.5	16.5	11.0	11.0	5.5
52.5°	71.4	65.9	60.4	54.9	49.4	38.5	27.5	16.5	5.5	5.5	5.5
55°	76.9	71.4	71.4	65.9	60.4	44.0	33.0	16.5	0.0	0.0	0.0
57.5°	82.4	76.9	76.9	71.4	65.9	49.4	33.0	16.5	0.0	0.0	0.0
60°	93.4	87.9	82.4	71.4	65.9	49.4	33.0	16.5	0.0	0.0	0.0
62.5°	109.9	98.9	82.4	71.4	54.9	44.0	27.5	16.5	0.0	0.0	0.0
65°	120.9	104.4	87.9	65.9	49.4	38.5	27.5	11.0	0.0	0.0	0.0
67.5°	126.4	104.4	87.9	65.9	44.0	33.0	22.0	11.0	0.0	0.0	0.0
70°	120.9	98.9	82.4	60.4	38.5	27.5	22.0	11.0	0.0	0.0	0.0
72.5°	109.9	93.4	71.4	54.9	33.0	27.5	16.5	11.0	0.0	0.0	0.0
75°	98.9	82.4	60.4	44.0	22.0	16.5	11.0	5.5	0.0	0.0	0.0
77.5°	87.9	71.4	49.4	33.0	11.0	11.0	5.5	5.5	0.0	0.0	0.0
80°	65.9	49.4	33.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.5	11.0	11.0	5.5	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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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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
5°	33.0	33.0	33.0	33.0	27.5	27.5	27.5	27.5	27.5	27.5	27.5
7.5°	33.0	33.0	33.0	33.0	27.5	27.5	27.5	27.5	22.0	22.0	22.0
10°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	22.0	22.0	22.0
12.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	22.0	22.0	22.0
15°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	22.0	22.0	16.5	16.5
17.5°	27.5	27.5	27.5	27.5	22.0	22.0	22.0	16.5	16.5	11.0	11.0
20°	27.5	27.5	27.5	22.0	22.0	16.5	16.5	11.0	11.0	5.5	5.5
22.5°	22.0	16.5	16.5	11.0	11.0	5.5	5.5	5.5	0.0	0.0	0.0
25°	16.5	11.0	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	11.0	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	11.0	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	5.5	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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	33.0	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
5°	27.5	27.5	27.5	27.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0
7.5°	22.0	22.0	22.0	22.0	22.0	22.0	16.5	16.5	16.5	16.5	16.5
10°	22.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	11.0	11.0
12.5°	22.0	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0	5.5	5.5
15°	16.5	11.0	11.0	11.0	5.5	5.5	5.5	5.5	5.5	0.0	0.0
17.5°	11.0	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	5.5	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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	33.0	33.0
5°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
7.5°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
10°	11.0	11.0	11.0	11.0	11.0	11.0	5.5	5.5	5.5	5.5	5.5
12.5°	5.5	5.5	5.5	5.5	5.5	5.5	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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	33.0	33.0	33.0	33.0	33.0	38.5	38.5	44.0	44.0	49.4	49.4
5°	22.0	22.0	27.5	27.5	27.5	27.5	33.0	33.0	33.0	38.5	38.5
7.5°	16.5	16.5	16.5	16.5	16.5	22.0	22.0	27.5	27.5	33.0	33.0
10°	5.5	5.5	11.0	11.0	11.0	11.0	16.5	16.5	16.5	22.0	27.5
12.5°	0.0	0.0	5.5	5.5	5.5	5.5	11.0	11.0	11.0	16.5	22.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	11.0	16.5
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	11.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	54.9	54.9	60.4	60.4	65.9	65.9	71.4	71.4	71.4	71.4	71.4
5°	44.0	44.0	49.4	54.9	54.9	60.4	65.9	65.9	65.9	65.9	65.9
7.5°	38.5	38.5	44.0	49.4	49.4	54.9	60.4	60.4	65.9	65.9	65.9
10°	27.5	33.0	38.5	44.0	44.0	49.4	54.9	54.9	60.4	60.4	60.4
12.5°	22.0	27.5	33.0	38.5	38.5	44.0	49.4	49.4	54.9	54.9	60.4
15°	16.5	22.0	27.5	33.0	33.0	38.5	44.0	44.0	49.4	54.9	60.4
17.5°	11.0	16.5	22.0	27.5	27.5	33.0	38.5	44.0	49.4	49.4	54.9
20°	11.0	11.0	16.5	22.0	22.0	27.5	33.0	38.5	44.0	44.0	49.4
22.5°	5.5	5.5	11.0	16.5	16.5	22.0	27.5	33.0	38.5	38.5	44.0
25°	0.0	0.0	5.5	11.0	11.0	16.5	22.0	22.0	27.5	27.5	33.0
27.5°	0.0	0.0	5.5	5.5	11.0	11.0	16.5	16.5	22.0	22.0	27.5
30°	0.0	0.0	5.5	5.5	11.0	11.0	16.5	16.5	22.0	22.0	22.0
32.5°	0.0	0.0	0.0	5.5	5.5	5.5	11.0	11.0	16.5	16.5	22.0
35°	0.0	0.0	0.0	5.5	5.5	5.5	11.0	11.0	16.5	16.5	16.5
37.5°	0.0	0.0	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.5
40°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
55°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	11.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	71.4	71.4
5°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	65.9	65.9
7.5°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	65.9	65.9
10°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
12.5°	60.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
15°	60.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
17.5°	54.9	60.4	60.4	60.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9
20°	49.4	54.9	54.9	54.9	60.4	60.4	60.4	60.4	65.9	65.9	65.9
22.5°	44.0	49.4	49.4	49.4	54.9	54.9	54.9	54.9	60.4	60.4	60.4
25°	38.5	38.5	44.0	44.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
27.5°	27.5	33.0	33.0	33.0	38.5	38.5	38.5	38.5	44.0	44.0	44.0
30°	27.5	27.5	27.5	27.5	33.0	33.0	33.0	33.0	38.5	38.5	38.5
32.5°	22.0	27.5	27.5	27.5	33.0	33.0	33.0	33.0	38.5	38.5	38.5
35°	22.0	22.0	22.0	22.0	27.5	27.5	27.5	27.5	33.0	33.0	33.0
37.5°	16.5	22.0	22.0	22.0	27.5	27.5	27.5	27.5	33.0	33.0	33.0
40°	16.5	16.5	16.5	16.5	22.0	22.0	22.0	22.0	27.5	27.5	27.5
42.5°	16.5	16.5	16.5	16.5	22.0	22.0	22.0	22.0	27.5	27.5	27.5
45°	16.5	16.5	16.5	16.5	22.0	22.0	22.0	22.0	27.5	27.5	27.5
47.5°	16.5	16.5	16.5	16.5	22.0	22.0	22.0	22.0	27.5	27.5	27.5
50°	16.5	16.5	16.5	16.5	22.0	22.0	22.0	22.0	27.5	27.5	27.5
52.5°	11.0	11.0	11.0	11.0	16.5	16.5	16.5	16.5	22.0	22.0	22.0
55°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	16.5	16.5	16.5
57.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	16.5	16.5	16.5
60°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
62.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
65°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	5.5	5.5
67.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
70°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
72.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
75°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
77.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
80°	16.5	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0	11.0
82.5°	11.0	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0	11.0
85°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
87.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	71.4	71.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	71.4	71.4
5°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	71.4	71.4
7.5°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	71.4	71.4
10°	65.9	65.9	65.9	65.9	60.4	60.4	65.9	65.9	65.9	71.4	71.4
12.5°	65.9	65.9	65.9	65.9	60.4	60.4	65.9	65.9	71.4	71.4	76.9
15°	65.9	65.9	60.4	60.4	60.4	60.4	65.9	65.9	71.4	71.4	76.9
17.5°	65.9	65.9	60.4	60.4	60.4	60.4	65.9	65.9	71.4	71.4	76.9
20°	65.9	65.9	60.4	60.4	60.4	60.4	60.4	60.4	65.9	71.4	71.4
22.5°	60.4	60.4	60.4	60.4	54.9	54.9	60.4	60.4	65.9	71.4	71.4
25°	49.4	54.9	54.9	54.9	54.9	54.9	60.4	60.4	65.9	71.4	71.4
27.5°	44.0	49.4	49.4	49.4	49.4	54.9	54.9	60.4	65.9	71.4	71.4
30°	38.5	44.0	44.0	44.0	49.4	54.9	54.9	60.4	65.9	71.4	71.4
32.5°	38.5	44.0	44.0	44.0	49.4	49.4	54.9	54.9	60.4	65.9	71.4
35°	38.5	38.5	44.0	44.0	44.0	49.4	49.4	54.9	60.4	65.9	71.4
37.5°	38.5	38.5	44.0	44.0	44.0	49.4	49.4	54.9	60.4	65.9	71.4
40°	33.0	38.5	38.5	44.0	44.0	49.4	49.4	54.9	60.4	71.4	76.9
42.5°	33.0	33.0	38.5	38.5	44.0	49.4	49.4	54.9	60.4	71.4	76.9
45°	33.0	38.5	38.5	44.0	49.4	54.9	54.9	60.4	65.9	71.4	76.9
47.5°	33.0	38.5	38.5	44.0	54.9	54.9	60.4	60.4	65.9	71.4	76.9
50°	33.0	38.5	38.5	44.0	60.4	60.4	60.4	60.4	65.9	71.4	76.9
52.5°	27.5	33.0	33.0	38.5	49.4	54.9	60.4	65.9	71.4	76.9	82.4
55°	22.0	27.5	27.5	33.0	44.0	49.4	60.4	71.4	76.9	82.4	87.9
57.5°	22.0	22.0	27.5	27.5	38.5	49.4	65.9	76.9	82.4	87.9	93.4
60°	16.5	16.5	22.0	22.0	33.0	44.0	60.4	76.9	82.4	93.4	98.9
62.5°	11.0	16.5	16.5	22.0	27.5	44.0	60.4	76.9	87.9	98.9	104.4
65°	11.0	11.0	16.5	16.5	27.5	38.5	54.9	65.9	82.4	98.9	115.4
67.5°	16.5	16.5	22.0	22.0	27.5	38.5	54.9	65.9	82.4	104.4	120.9
70°	16.5	16.5	22.0	22.0	33.0	44.0	54.9	65.9	82.4	104.4	120.9
72.5°	16.5	16.5	22.0	22.0	33.0	38.5	49.4	60.4	76.9	93.4	109.9
75°	11.0	16.5	16.5	16.5	27.5	33.0	44.0	54.9	71.4	87.9	104.4
77.5°	11.0	11.0	11.0	11.0	22.0	27.5	38.5	44.0	60.4	76.9	93.4
80°	11.0	11.0	11.0	11.0	16.5	22.0	33.0	38.5	54.9	71.4	87.9
82.5°	11.0	11.0	5.5	5.5	11.0	16.5	22.0	27.5	44.0	54.9	71.4
85°	11.0	11.0	5.5	5.5	5.5	11.0	11.0	16.5	22.0	27.5	33.0
87.5°	11.0	11.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	71.4	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
5°	71.4	76.9	76.9	82.4	82.4	82.4	87.9	87.9	87.9	87.9	87.9
7.5°	71.4	76.9	76.9	82.4	82.4	82.4	87.9	87.9	87.9	93.4	93.4
10°	71.4	76.9	76.9	82.4	82.4	87.9	93.4	93.4	98.9	98.9	98.9
12.5°	76.9	82.4	82.4	87.9	87.9	93.4	98.9	98.9	104.4	109.9	109.9
15°	76.9	82.4	87.9	87.9	93.4	98.9	104.4	104.4	109.9	115.4	120.9
17.5°	76.9	82.4	87.9	87.9	93.4	98.9	109.9	115.4	120.9	131.9	137.4
20°	76.9	82.4	87.9	87.9	93.4	104.4	109.9	120.9	126.4	137.4	148.3
22.5°	76.9	82.4	87.9	93.4	98.9	109.9	120.9	126.4	137.4	153.8	164.8
25°	76.9	82.4	87.9	93.4	98.9	109.9	120.9	131.9	142.9	164.8	186.8
27.5°	76.9	82.4	93.4	98.9	104.4	115.4	131.9	142.9	153.8	192.3	230.8
30°	76.9	82.4	93.4	98.9	104.4	120.9	137.4	148.3	164.8	230.8	291.2
32.5°	76.9	87.9	93.4	104.4	109.9	126.4	148.3	164.8	181.3	274.7	362.6
35°	76.9	87.9	93.4	104.4	109.9	131.9	153.8	175.8	197.8	335.1	472.5
37.5°	76.9	87.9	93.4	104.4	109.9	142.9	175.8	208.8	241.7	384.6	527.4
40°	82.4	93.4	98.9	109.9	115.4	148.3	181.3	214.3	247.2	390.1	532.9
42.5°	82.4	93.4	98.9	109.9	115.4	142.9	175.8	203.3	230.8	390.1	549.4
45°	82.4	93.4	104.4	109.9	120.9	148.3	175.8	197.8	225.3	428.6	626.3
47.5°	82.4	93.4	104.4	109.9	120.9	148.3	175.8	203.3	230.8	565.9	895.6
50°	82.4	93.4	104.4	109.9	120.9	153.8	186.8	219.8	252.7	846.1	1439.5
52.5°	87.9	93.4	104.4	109.9	115.4	153.8	192.3	230.8	269.2	1098.8	1923.0
55°	93.4	98.9	104.4	109.9	115.4	164.8	214.3	263.7	313.2	1181.3	2043.9
57.5°	98.9	104.4	109.9	109.9	115.4	175.8	241.7	302.2	362.6	1175.8	1983.4
60°	104.4	109.9	115.4	120.9	126.4	186.8	252.7	313.2	373.6	1065.9	1758.2
62.5°	115.4	126.4	137.4	142.9	153.8	214.3	269.2	329.7	384.6	873.6	1357.1
65°	131.9	142.9	148.3	159.3	164.8	219.8	280.2	335.1	390.1	725.2	1054.9
67.5°	137.4	148.3	153.8	164.8	170.3	225.3	280.2	335.1	390.1	615.4	835.1
70°	137.4	148.3	159.3	164.8	175.8	230.8	280.2	335.1	384.6	532.9	681.3
72.5°	126.4	142.9	153.8	170.3	181.3	230.8	274.7	324.2	368.1	472.5	576.9
75°	120.9	142.9	159.3	181.3	197.8	230.8	269.2	302.2	335.1	412.1	489.0
77.5°	109.9	137.4	164.8	192.3	219.8	241.7	258.2	280.2	296.7	346.1	395.6
80°	104.4	131.9	159.3	186.8	214.3	225.3	230.8	241.7	247.2	252.7	258.2
82.5°	82.4	104.4	126.4	142.9	164.8	153.8	148.3	137.4	126.4	120.9	115.4
85°	38.5	44.0	44.0	49.4	49.4	49.4	44.0	44.0	38.5	33.0	27.5
87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	76.9	76.9	76.9	76.9	71.4	71.4	71.4	71.4	65.9	65.9	65.9
5°	87.9	87.9	87.9	87.9	82.4	82.4	82.4	82.4	76.9	76.9	76.9
7.5°	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
10°	104.4	104.4	104.4	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9
12.5°	115.4	115.4	120.9	120.9	126.4	126.4	131.9	131.9	137.4	137.4	137.4
15°	126.4	131.9	137.4	142.9	142.9	148.3	153.8	159.3	164.8	170.3	175.8
17.5°	148.3	153.8	164.8	175.8	186.8	197.8	214.3	236.3	252.7	269.2	291.2
20°	164.8	181.3	214.3	252.7	285.7	318.7	401.1	483.5	565.9	648.3	730.7
22.5°	197.8	230.8	340.6	456.0	565.9	675.8	934.0	1192.3	1445.0	1703.2	1934.0
25°	263.7	335.1	587.9	840.6	1087.9	1340.6	1802.1	2269.1	2730.6	3192.2	3620.7
27.5°	362.6	494.5	906.5	1324.1	1736.2	2148.2	2818.5	3494.3	4164.6	4840.4	5439.3
30°	505.5	719.7	1335.1	1955.9	2571.3	3186.7	4032.8	4884.4	5730.5	6576.6	7126.0
32.5°	686.8	1005.4	1785.6	2565.8	3346.0	4126.2	5060.2	5994.2	6922.7	7856.8	8439.2
35°	879.1	1285.7	2225.2	3170.2	4109.7	5054.7	6038.2	7021.6	8005.1	8988.6	9702.8
37.5°	989.0	1450.5	2565.8	3681.1	4791.0	5906.3	6983.2	8065.5	9142.4	10219.3	11087.4
40°	1093.4	1648.3	2933.9	4219.6	5505.2	6790.9	8049.1	9307.2	10565.4	11823.6	12938.9
42.5°	1247.2	1945.0	3444.9	4944.8	6439.2	7939.2	9592.9	11252.2	12906.0	14559.7	16273.9
45°	1565.9	2505.4	4450.3	6395.3	8334.8	10279.7	12625.8	14977.3	17323.3	19674.9	21872.6
47.5°	2335.1	3769.0	6422.8	9076.5	11730.2	14383.9	17087.1	19790.3	22493.4	25196.6	27811.8
50°	3615.2	5785.4	9104.0	12422.5	15735.5	19054.0	21751.7	24449.4	27141.5	29839.2	32438.0
52.5°	4818.4	7713.9	11279.7	14850.9	18416.7	21987.9	24377.9	26767.9	29157.9	31547.9	34064.3
55°	5230.5	8411.7	12021.4	15636.6	19246.3	22861.5	25163.6	27471.2	29773.3	32075.4	34685.1
57.5°	4867.9	7752.4	11389.6	15026.7	18658.4	22295.6	24866.9	27443.7	30015.0	32591.8	35388.4
60°	4076.7	6389.8	10208.3	14032.3	17850.8	21669.3	24570.2	27471.2	30372.2	33273.1	36064.2
62.5°	3230.6	5098.7	9142.4	13186.2	17229.9	21273.7	24224.1	27180.0	30130.4	33080.8	35223.6
65°	2477.9	3900.9	7878.7	11862.1	15839.9	19823.2	22240.7	24663.6	27081.1	29504.1	30987.5
67.5°	1840.6	2846.0	6323.9	9807.2	13285.1	16762.9	18543.1	20328.7	22108.8	23894.5	25048.2
70°	1357.1	2027.4	4395.4	6763.4	9125.9	11494.0	13125.7	14757.5	16383.8	18015.6	19213.4
72.5°	939.5	1296.6	2714.2	4137.2	5554.7	6972.2	8626.0	10279.7	11928.0	13581.8	14944.3
75°	642.8	796.7	1461.5	2126.3	2791.1	3455.9	4708.6	5961.3	7213.9	8466.6	9186.4
77.5°	478.0	560.4	758.2	961.5	1159.3	1357.1	1598.8	1840.6	2082.3	2324.1	2637.2
80°	263.7	263.7	291.2	313.2	340.6	362.6	428.6	500.0	565.9	637.3	725.2
82.5°	120.9	126.4	137.4	148.3	153.8	164.8	175.8	186.8	197.8	208.8	208.8
85°	33.0	38.5	38.5	33.0	33.0	27.5	27.5	33.0	33.0	33.0	33.0
87.5°	5.5	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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	65.9	60.4	60.4	60.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9
5°	76.9	76.9	76.9	76.9	71.4	71.4	71.4	71.4	71.4	65.9	65.9
7.5°	93.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	82.4	82.4
10°	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	104.4	104.4
12.5°	137.4	137.4	137.4	137.4	142.9	142.9	137.4	137.4	137.4	131.9	131.9
15°	181.3	186.8	192.3	192.3	197.8	197.8	197.8	192.3	192.3	186.8	181.3
17.5°	307.7	324.2	346.1	368.1	390.1	406.6	406.6	395.6	384.6	373.6	362.6
20°	818.6	901.1	989.0	1076.9	1170.3	1236.2	1192.3	1159.3	1126.3	1087.9	1054.9
22.5°	2170.2	2401.0	2637.2	2802.1	2966.9	3082.3	2988.9	2807.6	2626.2	2450.4	2269.1
25°	4049.3	4472.3	4900.9	5076.7	5258.0	5389.8	5329.4	5054.7	4780.0	4510.8	4236.1
27.5°	6038.2	6631.5	7230.4	7384.3	7538.1	7653.5	7631.5	7274.4	6917.2	6560.1	6203.0
30°	7675.5	8224.9	8774.3	8928.1	9082.0	9186.4	9071.0	8713.9	8356.7	7999.6	7642.5
32.5°	9027.0	9609.4	10197.3	10400.6	10603.9	10741.2	10603.9	10175.3	9746.8	9323.7	8895.2
35°	10417.1	11125.8	11840.1	12098.3	12356.5	12521.4	12290.6	11763.2	11235.7	10713.8	10186.3
37.5°	11955.5	12818.1	13686.2	14037.8	14394.9	14642.2	14466.3	13807.0	13142.2	12482.9	11818.1
40°	14059.8	15175.1	16295.9	16927.8	17554.1	17999.1	17686.0	16922.3	16153.1	15389.4	14620.2
42.5°	17993.6	19707.8	21422.0	22328.6	23229.6	23883.5	23531.8	22592.3	21652.8	20713.3	19773.8
45°	24070.3	26262.5	28460.2	29784.3	31113.9	32091.9	31685.3	30504.0	29317.3	28136.0	26954.7
47.5°	30427.1	33042.4	35657.6	36712.5	37772.9	38597.0	38498.1	37025.7	35553.2	34086.3	32613.8
50°	35042.3	37641.0	40239.8	41146.4	42058.4	42734.2	42481.5	40607.9	38728.9	36855.4	34976.3
52.5°	36580.7	39091.5	41607.9	42690.2	43772.6	44580.3	44272.6	42162.8	40053.0	37948.7	35838.9
55°	37294.9	39904.7	42514.4	43833.0	45157.2	46124.1	45679.1	43366.0	41047.5	38734.4	36415.8
57.5°	38185.0	40981.5	43778.1	45223.1	46668.1	47712.0	47118.6	44723.1	42327.6	39937.6	37542.1
60°	38855.3	41640.8	44431.9	45591.2	46756.0	47569.1	46997.7	44668.2	42333.1	40003.6	37674.0
62.5°	37371.8	39514.6	41657.3	42519.9	43382.5	44008.9	43684.7	41476.0	39267.3	37058.7	34850.0
65°	32476.5	33959.9	35448.8	36031.2	36608.1	37053.2	36954.3	35091.7	33229.2	31372.1	29509.6
67.5°	26207.5	27361.3	28520.6	29344.7	30174.4	30817.2	30745.8	29048.0	27350.3	25652.6	23954.9
70°	20416.6	21614.3	22812.1	23850.5	24894.4	25702.1	25597.7	24020.8	22438.5	20861.6	19279.3
72.5°	16312.4	17675.0	19037.5	19630.9	20224.3	20641.9	20334.2	19141.9	17944.2	16751.9	15554.2
75°	9906.1	10620.4	11340.1	11334.6	11334.6	11268.7	10961.0	10279.7	9598.4	8917.2	8235.9
77.5°	2950.4	3263.6	3576.8	3878.9	4186.6	4417.4	4356.9	3999.8	3637.2	3280.1	2917.4
80°	813.1	895.6	983.5	1021.9	1060.4	1109.8	1236.2	1148.3	1060.4	978.0	890.1
82.5°	208.8	208.8	208.8	203.3	197.8	186.8	170.3	159.3	148.3	137.4	126.4
85°	33.0	27.5	27.5	27.5	22.0	22.0	22.0	22.0	16.5	16.5	11.0
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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	54.9	54.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	44.0
5°	65.9	65.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	54.9
7.5°	82.4	82.4	76.9	76.9	76.9	76.9	71.4	71.4	71.4	71.4	65.9
10°	104.4	98.9	98.9	93.4	93.4	93.4	87.9	87.9	87.9	82.4	82.4
12.5°	131.9	126.4	126.4	120.9	115.4	115.4	109.9	104.4	98.9	98.9	93.4
15°	175.8	170.3	164.8	159.3	153.8	142.9	137.4	126.4	120.9	115.4	109.9
17.5°	335.1	307.7	280.2	252.7	230.8	208.8	186.8	164.8	153.8	142.9	131.9
20°	934.0	807.7	686.8	565.9	489.0	412.1	335.1	258.2	225.3	197.8	164.8
22.5°	2021.9	1769.1	1521.9	1269.2	1065.9	868.1	664.8	461.5	384.6	313.2	236.3
25°	3758.1	3274.6	2796.6	2313.1	1928.5	1543.9	1159.3	774.7	631.8	489.0	346.1
27.5°	5576.7	4950.3	4324.0	3697.6	3087.8	2472.4	1857.1	1247.2	1000.0	758.2	511.0
30°	6977.7	6312.9	5653.6	4988.8	4219.6	3450.4	2675.7	1906.5	1516.4	1126.3	730.7
32.5°	8180.9	7461.2	6746.9	6027.2	5137.1	4247.0	3357.0	2466.9	1977.9	1488.9	994.5
35°	9373.2	8554.5	7741.4	6922.7	5966.7	5010.7	4054.7	3098.8	2477.9	1857.1	1230.7
37.5°	10823.7	9823.7	8829.2	7834.8	6851.3	5873.3	4889.9	3906.4	3115.2	2329.6	1538.4
40°	13351.0	12076.3	10807.2	9532.5	8384.2	7241.4	6093.1	4944.8	3950.4	2955.9	1955.9
42.5°	18174.9	16576.1	14982.8	13384.0	11796.1	10208.3	8615.0	7027.1	5609.6	4197.6	2780.1
45°	24905.4	22856.0	20812.2	18762.8	16806.9	14856.4	12900.5	10944.5	8790.8	6637.0	4477.8
47.5°	30372.2	28125.0	25883.4	23636.2	21466.0	19301.3	17131.0	14960.8	12202.7	9450.1	6692.0
50°	32839.1	30696.3	28559.1	26416.3	24240.6	22059.4	19878.2	17702.4	14537.8	11378.6	8213.9
52.5°	33668.7	31493.0	29322.8	27147.0	24987.8	22828.6	20669.3	18510.1	15219.0	11933.5	8642.4
55°	34124.7	31828.1	29537.0	27240.4	24916.4	22586.8	20257.3	17933.2	14658.6	11389.6	8115.0
57.5°	35047.8	32547.9	30053.5	27553.6	24905.4	22257.2	19603.4	16955.2	13724.6	10494.0	7263.4
60°	35218.1	32756.7	30300.7	27844.8	24916.4	21987.9	19054.0	16125.6	12917.0	9713.8	6505.2
62.5°	32795.1	30740.3	28690.9	26636.1	23702.2	20768.2	17828.8	14894.9	11823.6	8752.3	5675.6
65°	27734.9	25960.3	24191.1	22416.5	20021.0	17631.0	15235.5	12840.0	10098.4	7362.3	4620.7
67.5°	22218.7	20482.5	18751.8	17015.7	15213.6	13416.9	11614.8	9812.7	7697.4	5582.1	3466.9
70°	17614.5	15944.3	14279.5	12609.3	11016.0	9417.1	7818.3	6225.0	4911.9	3604.2	2291.1
72.5°	13960.9	12362.0	10768.7	9169.9	7724.9	6279.9	4834.9	3389.9	2736.1	2087.8	1434.0
75°	7406.2	6576.6	5752.5	4922.8	4109.7	3291.0	2472.4	1659.3	1401.0	1142.8	879.1
77.5°	2554.8	2192.2	1835.1	1472.5	1225.2	978.0	730.7	483.5	456.0	434.0	406.6
80°	774.7	659.3	543.9	428.6	379.1	329.7	280.2	230.8	214.3	197.8	175.8
82.5°	120.9	109.9	104.4	93.4	87.9	87.9	82.4	76.9	65.9	60.4	49.4
85°	11.0	5.5	5.5	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: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: P1067815

CATALOG NUMBER: NAV-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	49.4	49.4
2.5°	44.0	44.0
5°	54.9	54.9
7.5°	65.9	65.9
10°	76.9	76.9
12.5°	87.9	87.9
15°	104.4	98.9
17.5°	120.9	115.4
20°	131.9	120.9
22.5°	159.3	137.4
25°	203.3	170.3
27.5°	263.7	208.8
30°	340.6	263.7
32.5°	505.5	368.1
35°	609.9	445.0
37.5°	747.2	516.5
40°	961.5	626.3
42.5°	1362.6	851.6
45°	2324.1	1412.0
47.5°	3939.4	2406.5
50°	5049.2	3087.8
52.5°	5356.9	3274.6
55°	4845.9	3005.3
57.5°	4032.8	2554.8
60°	3302.0	2104.3
62.5°	2604.3	1664.8
65°	1879.0	1258.2
67.5°	1351.6	967.0
70°	983.5	758.2
72.5°	780.2	631.8
75°	620.8	527.4
77.5°	384.6	351.6
80°	159.3	148.3
82.5°	38.5	33.0
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1067815

CATALOG NUMBER: NAV-SA5C-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

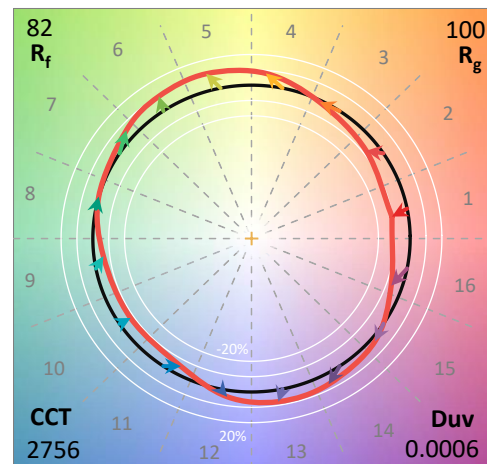
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

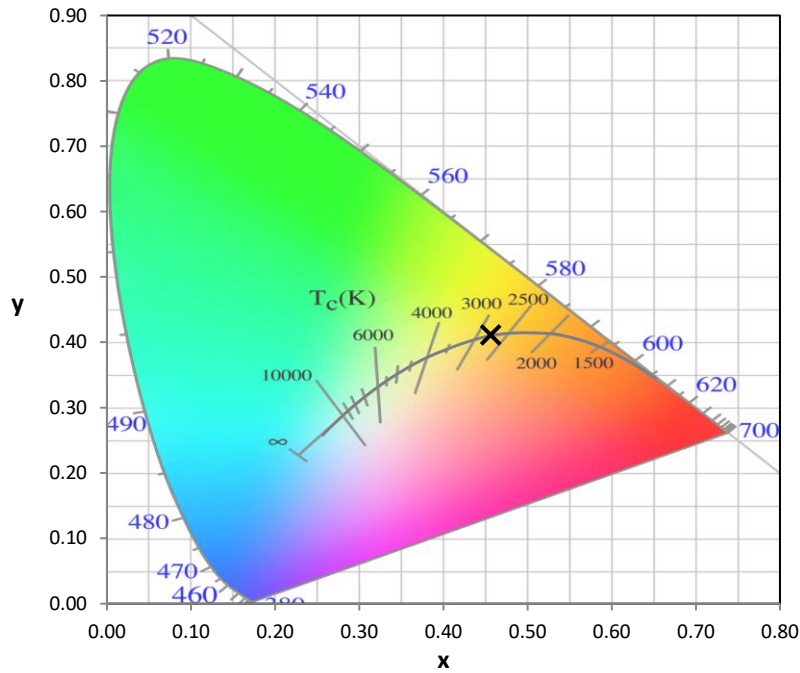
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

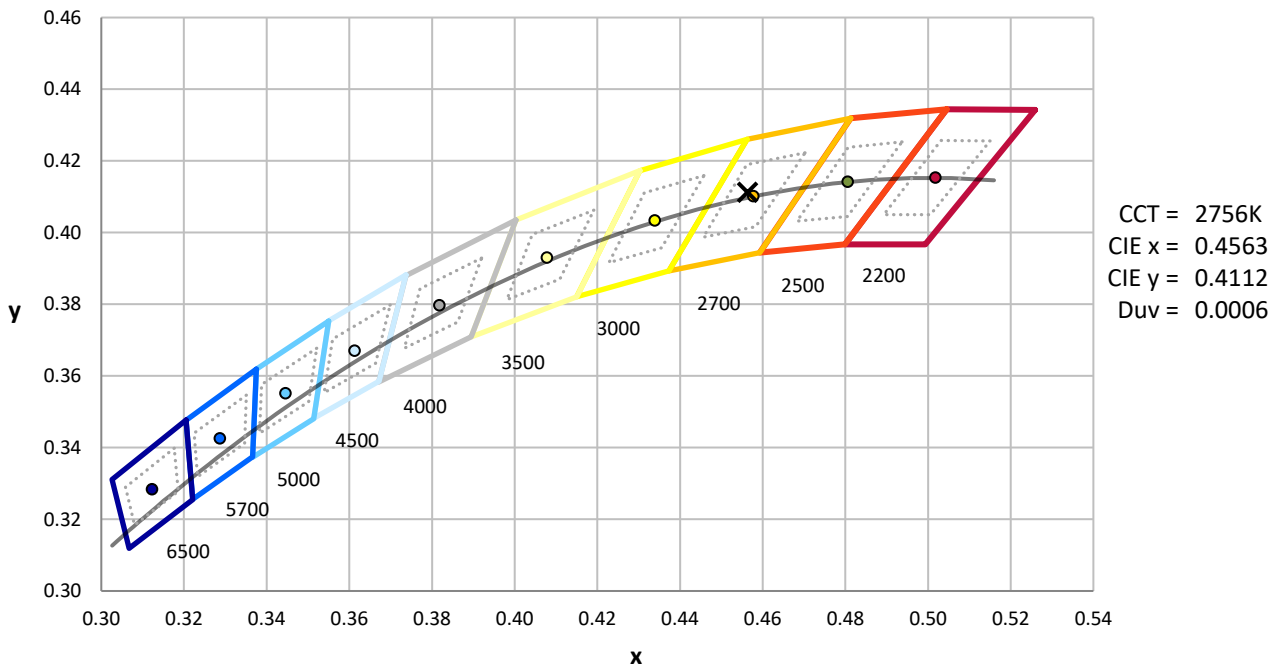
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



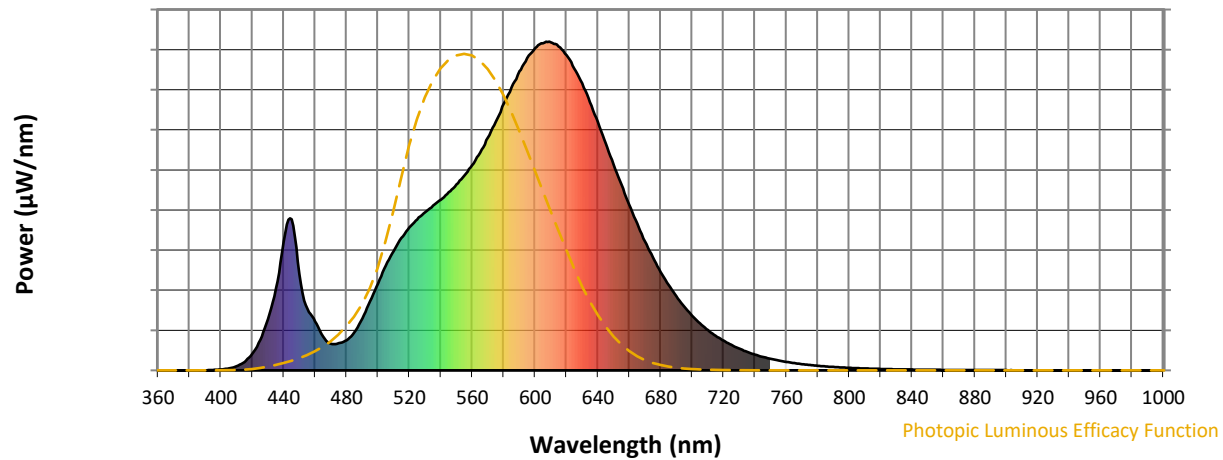
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

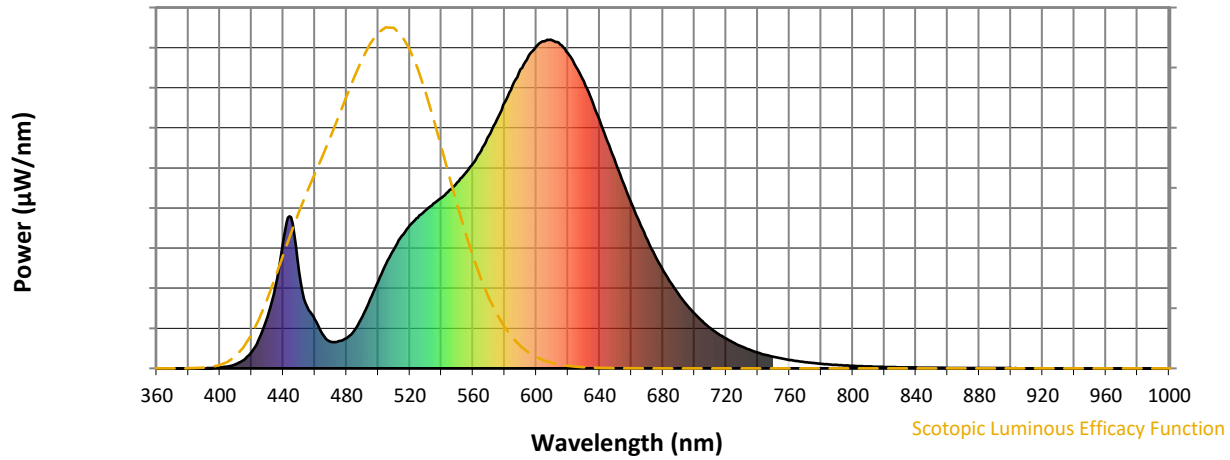


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



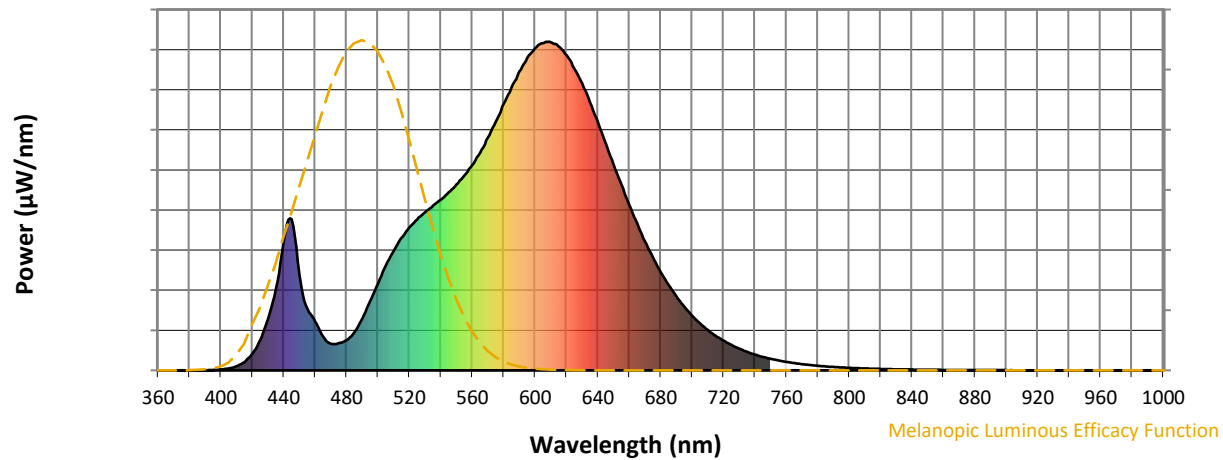
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

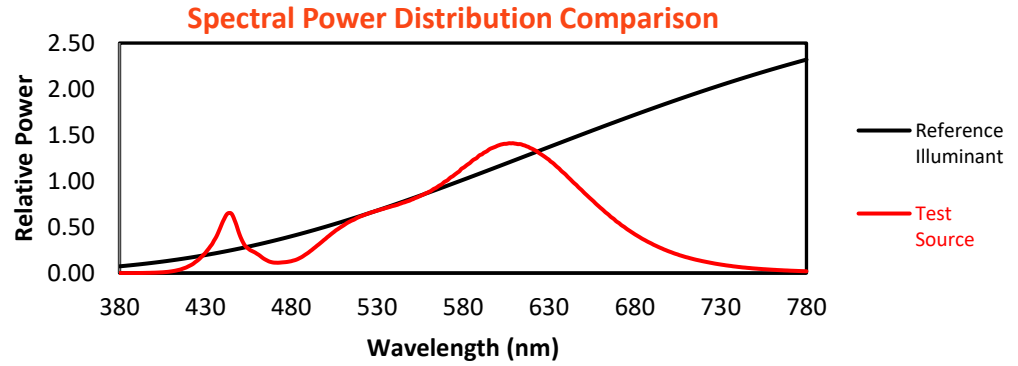
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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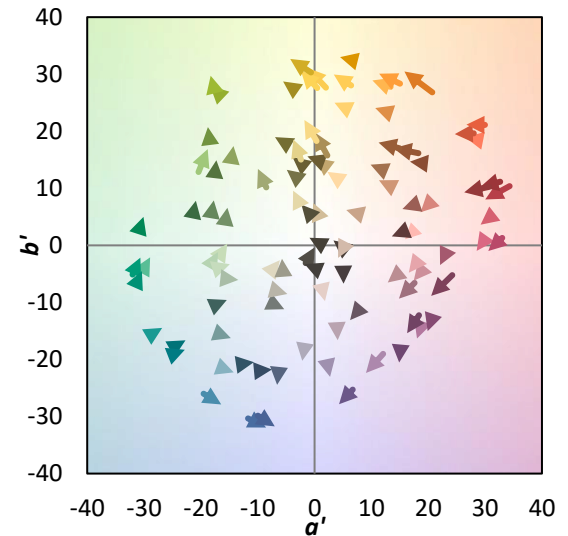
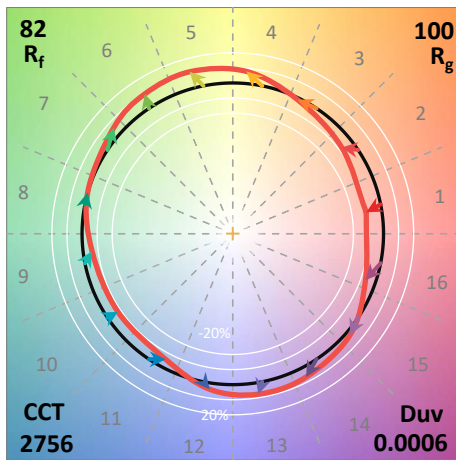
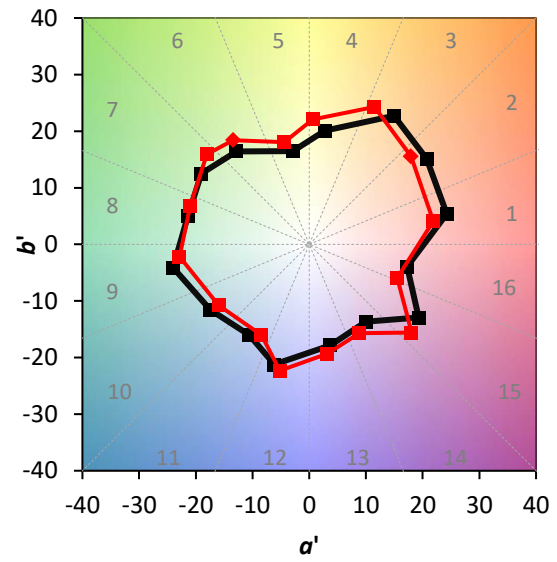
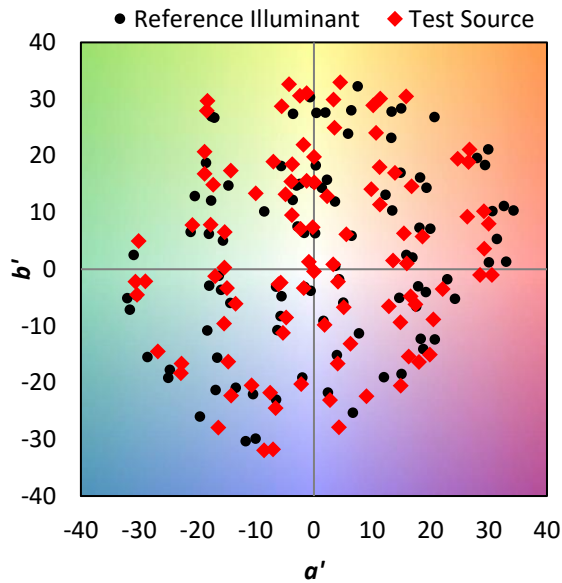
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

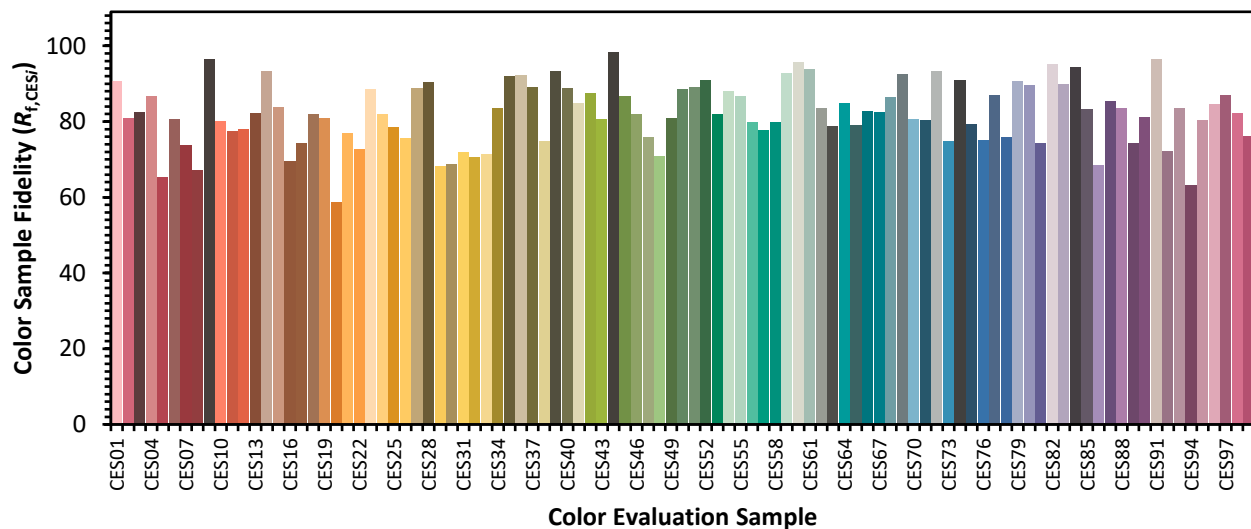


Color Vector Graphics

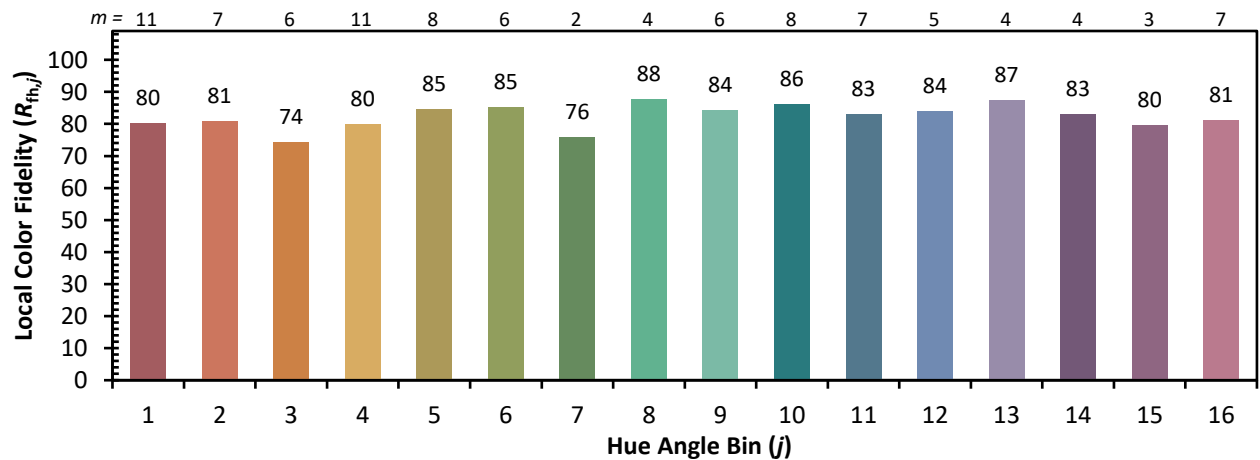
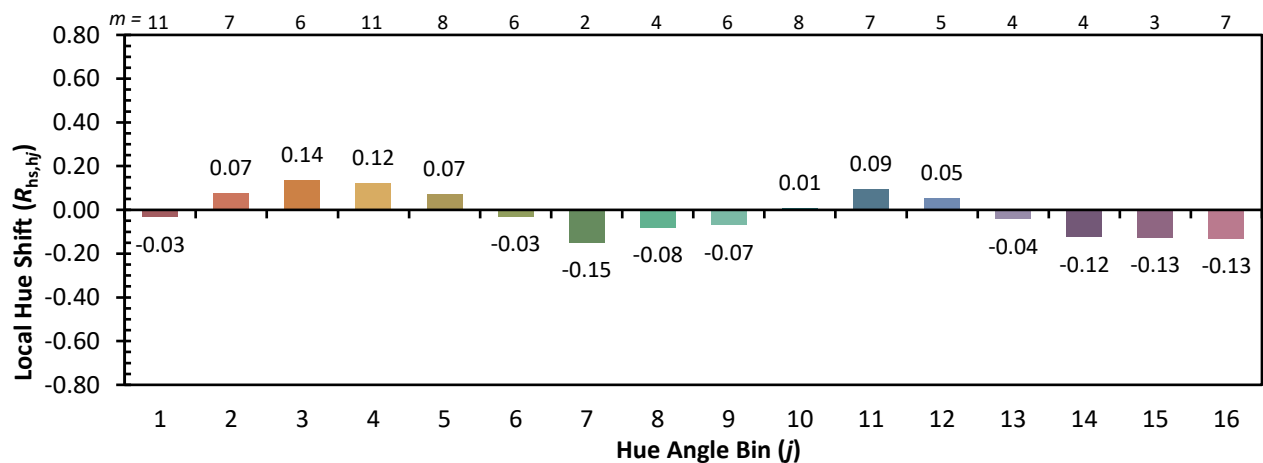
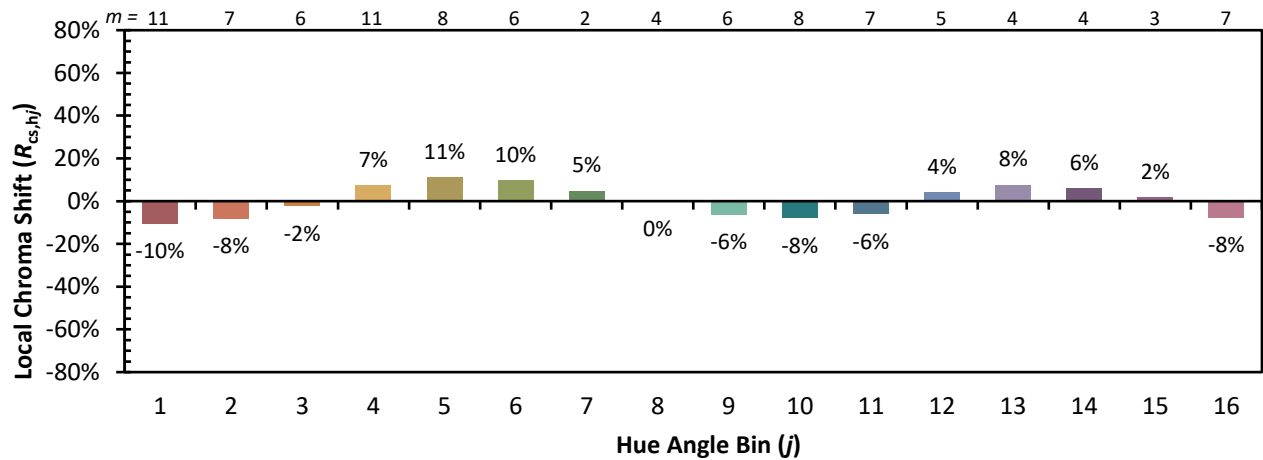


Individual Sample Fidelity Index ($R_{f,i}$)

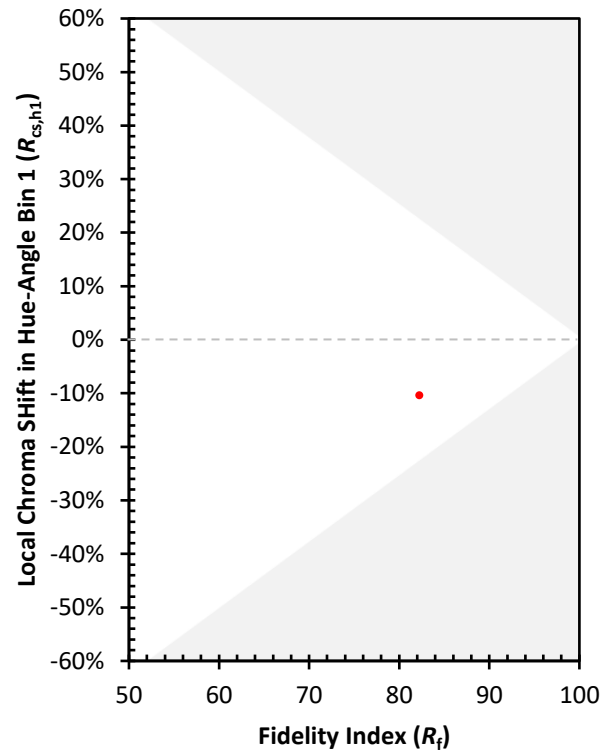
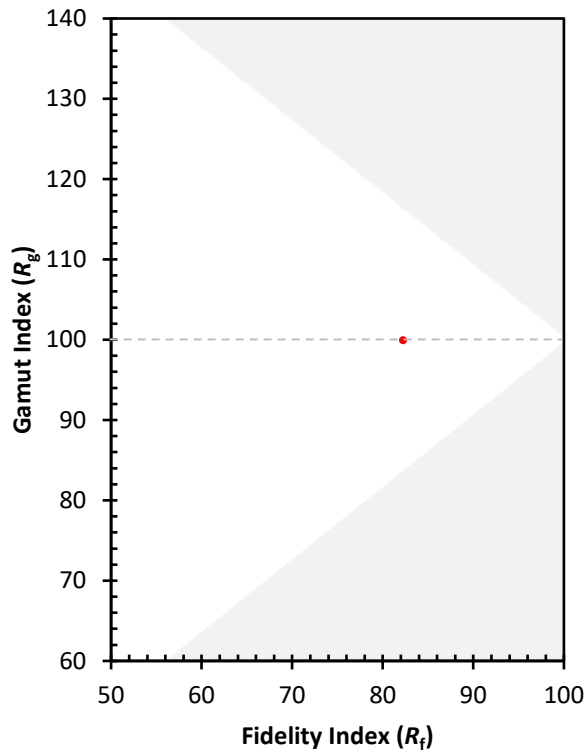
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)