

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: P1067696

Luminaire Tested: **NAV-SA5D-727-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067696
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5D-727-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 21971 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 269.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



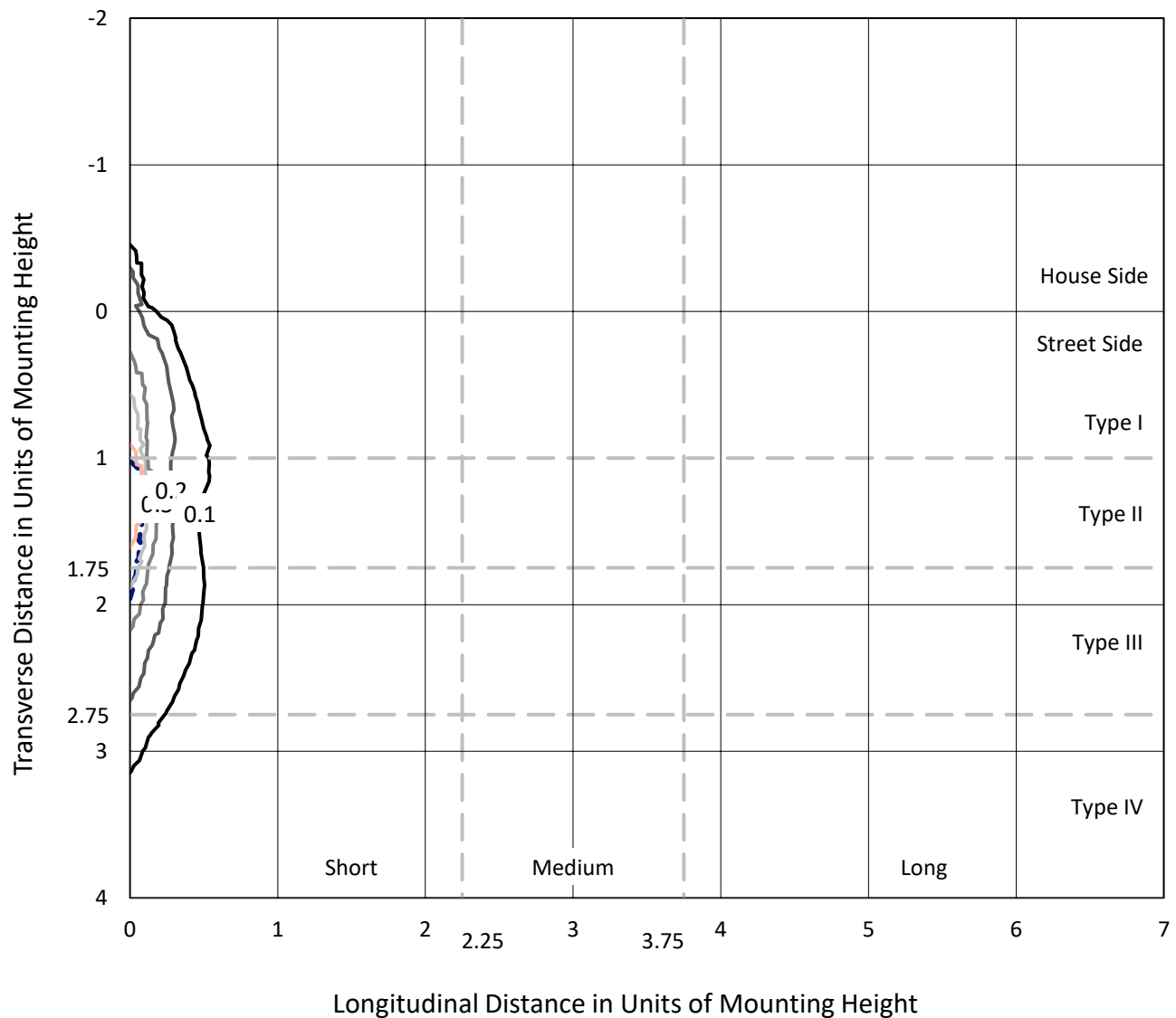
REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

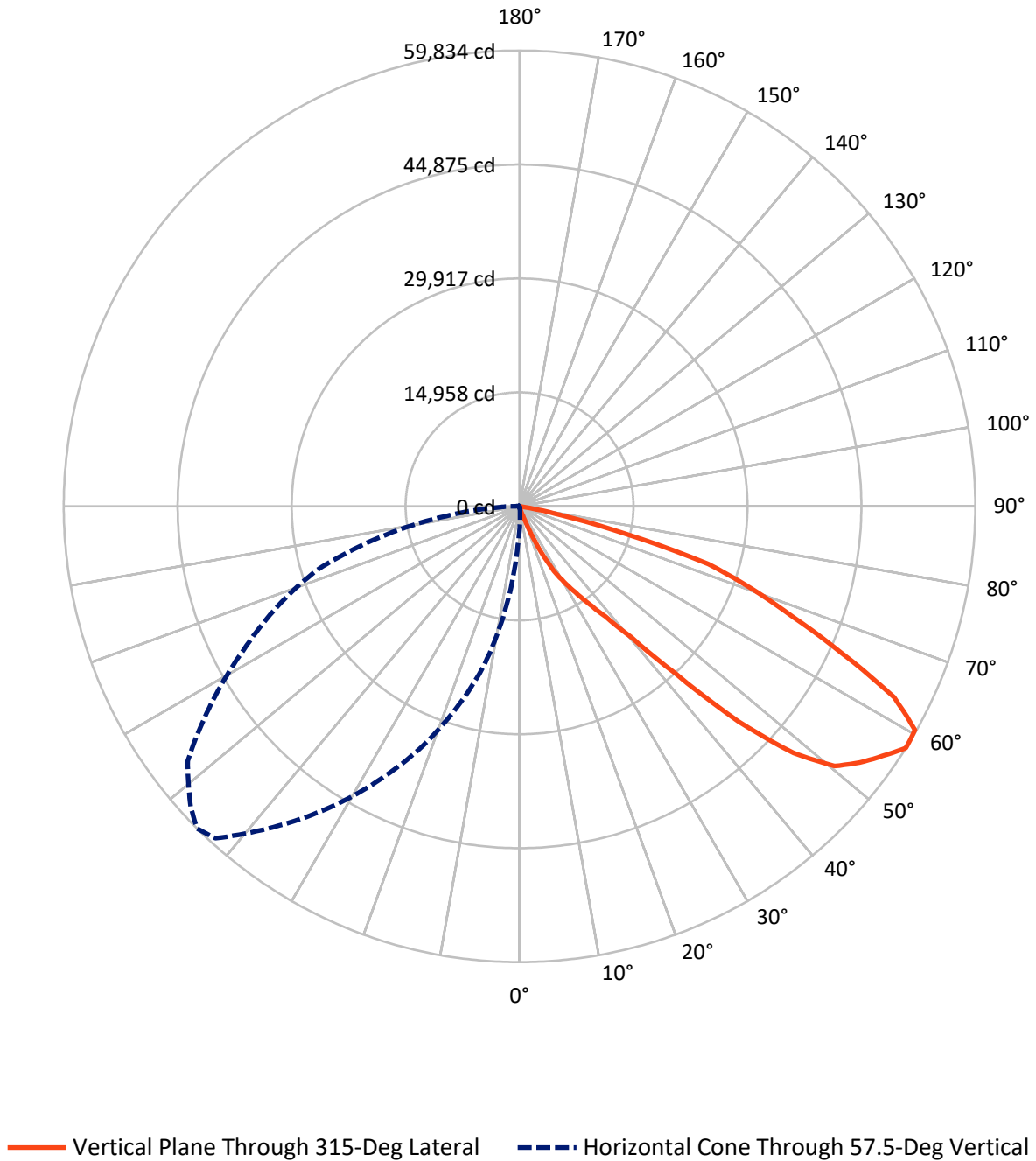


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

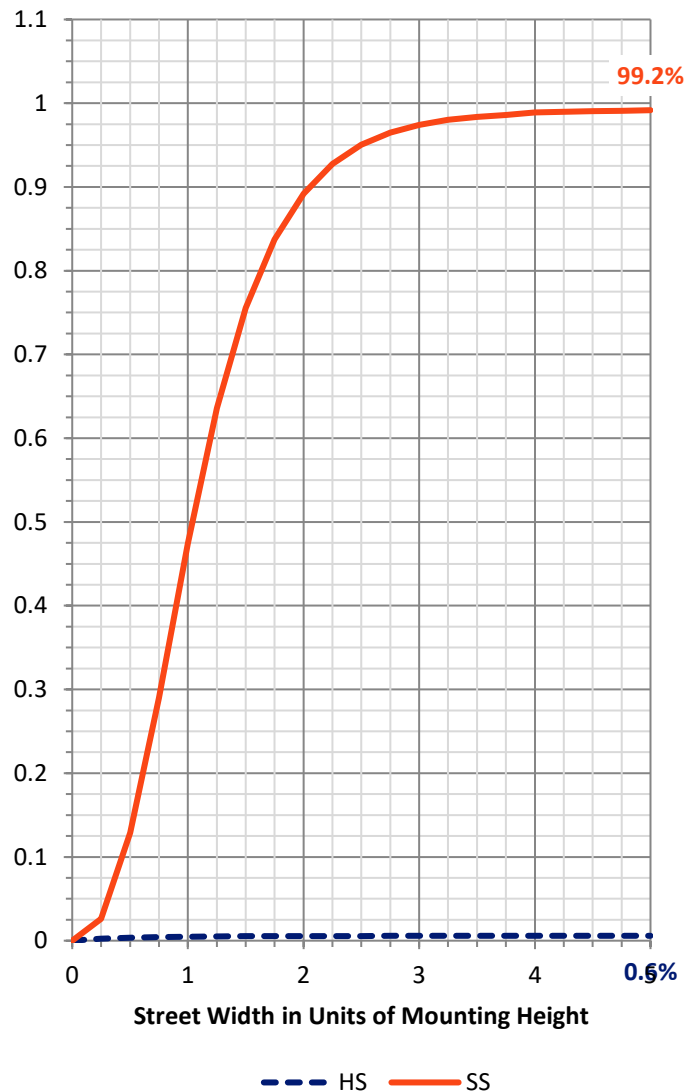
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.7	0.0	130.7
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	21840.3	0.0	21840.3
	% Fixture	99.4	0.0	99.4
Total	Lumens	21971.0	0.0	21971.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	0.0
10°-20°	32.2	0.1
20°-30°	410.1	1.9
30°-40°	1382.1	6.3
40°-50°	4173.8	19.0
50°-60°	7363.9	33.5
60°-70°	6487.6	29.5
70°-80°	2065.1	9.4
80°-90°	49.7	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°	21971.0	100.0
0°-180°	21971.0	100.0



REPORT NUMBER: P1067696

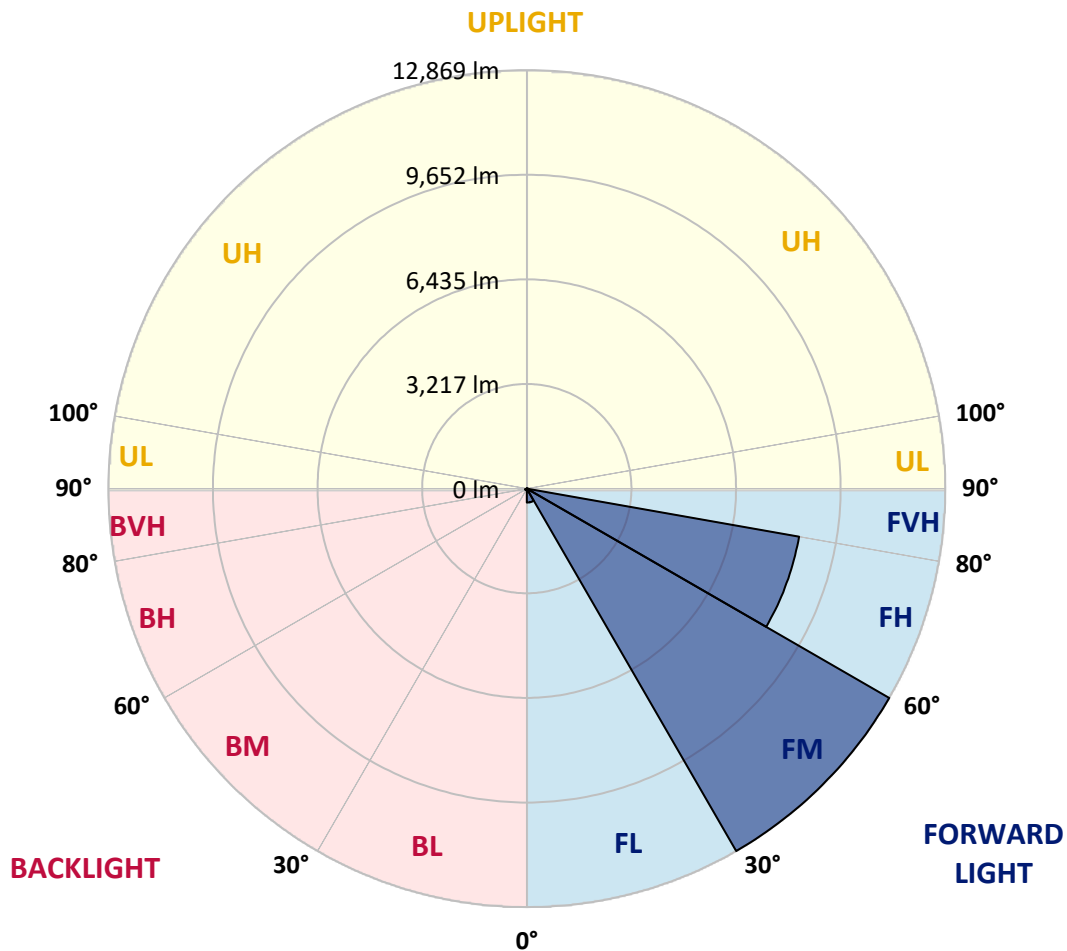
CATALOG NUMBER: NAV-SA5D-727-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	429.2	2.0			
FM	(30°-60°)	12869.1	58.6			
FH	(60°-80°)	8501.6	38.7			G4/12000
FVH	(80°-90°)	40.4	0.2			G1/100
BL	(0°-30°)	19.6	0.1	B0/110		
BM	(30°-60°)	50.6	0.2	B0/220		
BH	(60°-80°)	51.2	0.2	B0/110		G0/110
BVH	(80°-90°)	9.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	48.2
5°	68.9	68.9	68.9	62.0	62.0	62.0	55.1	55.1	55.1	55.1	55.1
7.5°	82.7	75.8	75.8	68.9	68.9	68.9	62.0	62.0	62.0	62.0	55.1
10°	96.5	89.6	89.6	82.7	82.7	75.8	75.8	68.9	68.9	62.0	62.0
12.5°	110.2	103.4	96.5	89.6	89.6	82.7	82.7	75.8	75.8	68.9	68.9
15°	124.0	117.1	110.2	103.4	96.5	96.5	89.6	82.7	75.8	75.8	68.9
17.5°	144.7	130.9	124.0	110.2	103.4	96.5	89.6	82.7	82.7	75.8	75.8
20°	151.6	137.8	130.9	117.1	110.2	103.4	96.5	89.6	82.7	82.7	75.8
22.5°	179.1	151.6	144.7	130.9	124.0	117.1	103.4	96.5	89.6	82.7	75.8
25°	220.5	179.1	158.5	137.8	130.9	117.1	110.2	96.5	89.6	82.7	75.8
27.5°	268.7	199.8	179.1	151.6	137.8	124.0	110.2	96.5	89.6	82.7	75.8
30°	330.7	234.3	199.8	165.4	151.6	137.8	117.1	103.4	96.5	89.6	75.8
32.5°	461.6	289.4	234.3	179.1	158.5	144.7	124.0	103.4	96.5	89.6	75.8
35°	558.1	351.4	282.5	206.7	179.1	158.5	130.9	103.4	96.5	89.6	75.8
37.5°	647.7	358.3	289.4	220.5	192.9	165.4	130.9	103.4	96.5	89.6	75.8
40°	792.4	372.1	289.4	206.7	186.0	158.5	137.8	110.2	103.4	89.6	82.7
42.5°	1068.0	427.2	310.1	192.9	172.3	158.5	137.8	117.1	103.4	96.5	82.7
45°	1777.6	633.9	420.3	199.8	179.1	158.5	137.8	117.1	110.2	96.5	89.6
47.5°	3024.7	1102.4	654.6	206.7	186.0	158.5	137.8	110.2	103.4	96.5	82.7
50°	3872.2	1412.5	826.8	241.2	206.7	179.1	144.7	110.2	103.4	96.5	89.6
52.5°	4113.4	1502.0	895.7	282.5	241.2	199.8	151.6	110.2	103.4	103.4	96.5
55°	3768.9	1460.7	895.7	330.7	275.6	227.4	172.3	117.1	110.2	110.2	103.4
57.5°	3203.9	1350.5	854.4	358.3	303.2	241.2	186.0	124.0	117.1	117.1	110.2
60°	2638.9	1136.9	771.7	399.6	337.6	275.6	213.6	151.6	144.7	137.8	124.0
62.5°	2094.6	916.4	675.2	427.2	365.2	296.3	234.3	165.4	158.5	151.6	144.7
65°	1577.8	799.3	627.0	447.9	379.0	310.1	241.2	172.3	165.4	165.4	158.5
67.5°	1212.7	730.3	599.4	461.6	392.7	323.8	254.9	186.0	179.1	172.3	165.4
70°	957.7	675.2	565.0	454.7	392.7	330.7	261.8	199.8	186.0	179.1	165.4
72.5°	799.3	613.2	523.6	434.1	385.8	337.6	289.4	241.2	213.6	192.9	165.4
75°	668.3	551.2	475.4	392.7	358.3	330.7	296.3	261.8	227.4	192.9	158.5
77.5°	441.0	399.6	365.2	330.7	310.1	289.4	261.8	241.2	206.7	179.1	144.7
80°	186.0	172.3	179.1	179.1	179.1	179.1	172.3	172.3	151.6	130.9	103.4
82.5°	41.3	34.5	41.3	41.3	41.3	41.3	34.5	34.5	34.5	27.6	27.6
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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
5°	55.1	55.1	55.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
7.5°	55.1	55.1	55.1	48.2	48.2	48.2	48.2	41.3	41.3	41.3	41.3
10°	55.1	55.1	55.1	48.2	48.2	48.2	48.2	41.3	41.3	41.3	41.3
12.5°	62.0	62.0	55.1	55.1	48.2	48.2	48.2	41.3	41.3	41.3	41.3
15°	62.0	62.0	55.1	55.1	48.2	48.2	48.2	41.3	41.3	41.3	41.3
17.5°	68.9	62.0	62.0	55.1	48.2	48.2	48.2	41.3	41.3	41.3	41.3
20°	68.9	62.0	62.0	55.1	48.2	48.2	48.2	41.3	41.3	41.3	41.3
22.5°	68.9	62.0	62.0	55.1	48.2	48.2	41.3	41.3	34.5	34.5	27.6
25°	68.9	62.0	62.0	55.1	48.2	48.2	41.3	41.3	34.5	27.6	27.6
27.5°	68.9	62.0	62.0	55.1	48.2	41.3	41.3	34.5	27.6	20.7	20.7
30°	68.9	62.0	62.0	55.1	48.2	41.3	34.5	27.6	20.7	20.7	13.8
32.5°	68.9	62.0	55.1	48.2	41.3	34.5	34.5	27.6	20.7	13.8	13.8
35°	68.9	62.0	55.1	48.2	41.3	34.5	34.5	27.6	20.7	13.8	13.8
37.5°	68.9	62.0	55.1	48.2	41.3	34.5	27.6	20.7	13.8	13.8	6.9
40°	68.9	62.0	55.1	48.2	41.3	34.5	27.6	20.7	13.8	13.8	6.9
42.5°	68.9	62.0	55.1	48.2	41.3	34.5	27.6	20.7	13.8	13.8	6.9
45°	75.8	68.9	62.0	48.2	41.3	34.5	34.5	27.6	20.7	13.8	13.8
47.5°	75.8	68.9	62.0	48.2	41.3	34.5	34.5	27.6	20.7	13.8	13.8
50°	82.7	75.8	68.9	55.1	48.2	41.3	34.5	20.7	13.8	13.8	6.9
52.5°	89.6	82.7	75.8	68.9	62.0	48.2	34.5	20.7	6.9	6.9	6.9
55°	96.5	89.6	89.6	82.7	75.8	55.1	41.3	20.7	0.0	0.0	0.0
57.5°	103.4	96.5	96.5	89.6	82.7	62.0	41.3	20.7	0.0	0.0	0.0
60°	117.1	110.2	103.4	89.6	82.7	62.0	41.3	20.7	0.0	0.0	0.0
62.5°	137.8	124.0	103.4	89.6	68.9	55.1	34.5	20.7	0.0	0.0	0.0
65°	151.6	130.9	110.2	82.7	62.0	48.2	34.5	13.8	0.0	0.0	0.0
67.5°	158.5	130.9	110.2	82.7	55.1	41.3	27.6	13.8	0.0	0.0	0.0
70°	151.6	124.0	103.4	75.8	48.2	34.5	27.6	13.8	0.0	0.0	0.0
72.5°	137.8	117.1	89.6	68.9	41.3	34.5	20.7	13.8	0.0	0.0	0.0
75°	124.0	103.4	75.8	55.1	27.6	20.7	13.8	6.9	0.0	0.0	0.0
77.5°	110.2	89.6	62.0	41.3	13.8	13.8	6.9	6.9	0.0	0.0	0.0
80°	82.7	62.0	41.3	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.7	13.8	13.8	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
5°	41.3	41.3	41.3	41.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
7.5°	41.3	41.3	41.3	41.3	34.5	34.5	34.5	34.5	27.6	27.6	27.6
10°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	27.6	27.6	27.6
12.5°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	27.6	27.6	27.6
15°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	27.6	27.6	20.7	20.7
17.5°	34.5	34.5	34.5	34.5	27.6	27.6	27.6	20.7	20.7	13.8	13.8
20°	34.5	34.5	34.5	27.6	27.6	20.7	20.7	13.8	13.8	6.9	6.9
22.5°	27.6	20.7	20.7	13.8	13.8	6.9	6.9	6.9	0.0	0.0	0.0
25°	20.7	13.8	13.8	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	13.8	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	13.8	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	41.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
5°	34.5	34.5	34.5	34.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
7.5°	27.6	27.6	27.6	27.6	27.6	27.6	20.7	20.7	20.7	20.7	20.7
10°	27.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	13.8	13.8
12.5°	27.6	20.7	20.7	20.7	13.8	13.8	13.8	13.8	13.8	6.9	6.9
15°	20.7	13.8	13.8	13.8	6.9	6.9	6.9	6.9	6.9	0.0	0.0
17.5°	13.8	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	41.3	41.3
5°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
7.5°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
10°	13.8	13.8	13.8	13.8	13.8	13.8	6.9	6.9	6.9	6.9	6.9
12.5°	6.9	6.9	6.9	6.9	6.9	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	41.3	41.3	41.3	41.3	41.3	48.2	48.2	55.1	55.1	62.0	62.0
5°	27.6	27.6	34.5	34.5	34.5	34.5	41.3	41.3	41.3	48.2	48.2
7.5°	20.7	20.7	20.7	20.7	20.7	27.6	27.6	34.5	34.5	41.3	41.3
10°	6.9	6.9	13.8	13.8	13.8	13.8	20.7	20.7	20.7	27.6	34.5
12.5°	0.0	0.0	6.9	6.9	6.9	6.9	13.8	13.8	13.8	20.7	27.6
15°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	13.8	20.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	13.8
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	68.9	68.9	75.8	75.8	82.7	82.7	89.6	89.6	89.6	89.6	89.6
5°	55.1	55.1	62.0	68.9	68.9	75.8	82.7	82.7	82.7	82.7	82.7
7.5°	48.2	48.2	55.1	62.0	62.0	68.9	75.8	75.8	82.7	82.7	82.7
10°	34.5	41.3	48.2	55.1	55.1	62.0	68.9	68.9	75.8	75.8	75.8
12.5°	27.6	34.5	41.3	48.2	48.2	55.1	62.0	62.0	68.9	68.9	75.8
15°	20.7	27.6	34.5	41.3	41.3	48.2	55.1	55.1	62.0	68.9	75.8
17.5°	13.8	20.7	27.6	34.5	34.5	41.3	48.2	55.1	62.0	62.0	68.9
20°	13.8	13.8	20.7	27.6	27.6	34.5	41.3	48.2	55.1	55.1	62.0
22.5°	6.9	6.9	13.8	20.7	20.7	27.6	34.5	41.3	48.2	48.2	55.1
25°	0.0	0.0	6.9	13.8	13.8	20.7	27.6	27.6	34.5	34.5	41.3
27.5°	0.0	0.0	6.9	6.9	13.8	13.8	20.7	20.7	27.6	27.6	34.5
30°	0.0	0.0	6.9	6.9	13.8	13.8	20.7	20.7	27.6	27.6	27.6
32.5°	0.0	0.0	0.0	6.9	6.9	6.9	13.8	13.8	20.7	20.7	27.6
35°	0.0	0.0	0.0	6.9	6.9	6.9	13.8	13.8	20.7	20.7	20.7
37.5°	0.0	0.0	0.0	6.9	6.9	6.9	13.8	13.8	13.8	13.8	20.7
40°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
45°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
50°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
55°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	13.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	89.6	89.6
5°	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	82.7	82.7
7.5°	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	82.7	82.7
10°	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
12.5°	75.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
15°	75.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
17.5°	68.9	75.8	75.8	75.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7
20°	62.0	68.9	68.9	68.9	75.8	75.8	75.8	75.8	82.7	82.7	82.7
22.5°	55.1	62.0	62.0	62.0	68.9	68.9	68.9	68.9	75.8	75.8	75.8
25°	48.2	48.2	55.1	55.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0
27.5°	34.5	41.3	41.3	41.3	48.2	48.2	48.2	48.2	55.1	55.1	55.1
30°	34.5	34.5	34.5	34.5	41.3	41.3	41.3	41.3	48.2	48.2	48.2
32.5°	27.6	34.5	34.5	34.5	41.3	41.3	41.3	41.3	48.2	48.2	48.2
35°	27.6	27.6	27.6	27.6	34.5	34.5	34.5	34.5	41.3	41.3	41.3
37.5°	20.7	27.6	27.6	27.6	34.5	34.5	34.5	34.5	41.3	41.3	41.3
40°	20.7	20.7	20.7	20.7	27.6	27.6	27.6	27.6	34.5	34.5	34.5
42.5°	20.7	20.7	20.7	20.7	27.6	27.6	27.6	27.6	34.5	34.5	34.5
45°	20.7	20.7	20.7	20.7	27.6	27.6	27.6	27.6	34.5	34.5	34.5
47.5°	20.7	20.7	20.7	20.7	27.6	27.6	27.6	27.6	34.5	34.5	34.5
50°	20.7	20.7	20.7	20.7	27.6	27.6	27.6	27.6	34.5	34.5	34.5
52.5°	13.8	13.8	13.8	13.8	20.7	20.7	20.7	20.7	27.6	27.6	27.6
55°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	20.7	20.7	20.7
57.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	20.7	20.7	20.7
60°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
62.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
65°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	6.9	6.9
67.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
70°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
72.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
75°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
77.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
80°	20.7	20.7	20.7	20.7	20.7	13.8	13.8	13.8	13.8	13.8	13.8
82.5°	13.8	20.7	20.7	20.7	20.7	13.8	13.8	13.8	13.8	13.8	13.8
85°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
87.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	89.6	89.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	89.6	89.6
5°	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	89.6	89.6
7.5°	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	89.6	89.6
10°	82.7	82.7	82.7	82.7	75.8	75.8	82.7	82.7	82.7	89.6	89.6
12.5°	82.7	82.7	82.7	82.7	75.8	75.8	82.7	82.7	89.6	89.6	96.5
15°	82.7	82.7	75.8	75.8	75.8	75.8	82.7	82.7	89.6	89.6	96.5
17.5°	82.7	82.7	75.8	75.8	75.8	75.8	82.7	82.7	89.6	89.6	96.5
20°	82.7	82.7	75.8	75.8	75.8	75.8	75.8	75.8	82.7	89.6	89.6
22.5°	75.8	75.8	75.8	75.8	68.9	68.9	75.8	75.8	82.7	89.6	89.6
25°	62.0	68.9	68.9	68.9	68.9	68.9	75.8	75.8	82.7	89.6	89.6
27.5°	55.1	62.0	62.0	62.0	62.0	68.9	68.9	75.8	82.7	89.6	89.6
30°	48.2	55.1	55.1	55.1	62.0	68.9	68.9	75.8	82.7	89.6	89.6
32.5°	48.2	55.1	55.1	55.1	62.0	62.0	68.9	68.9	75.8	82.7	89.6
35°	48.2	48.2	55.1	55.1	55.1	62.0	62.0	68.9	75.8	82.7	89.6
37.5°	48.2	48.2	55.1	55.1	55.1	62.0	62.0	68.9	75.8	82.7	89.6
40°	41.3	48.2	48.2	55.1	55.1	62.0	62.0	68.9	75.8	89.6	96.5
42.5°	41.3	41.3	48.2	48.2	55.1	62.0	62.0	68.9	75.8	89.6	96.5
45°	41.3	48.2	48.2	55.1	62.0	68.9	68.9	75.8	82.7	89.6	96.5
47.5°	41.3	48.2	48.2	55.1	68.9	68.9	75.8	75.8	82.7	89.6	96.5
50°	41.3	48.2	48.2	55.1	75.8	75.8	75.8	75.8	82.7	89.6	96.5
52.5°	34.5	41.3	41.3	48.2	62.0	68.9	75.8	82.7	89.6	96.5	103.4
55°	27.6	34.5	34.5	41.3	55.1	62.0	75.8	89.6	96.5	103.4	110.2
57.5°	27.6	27.6	34.5	34.5	48.2	62.0	82.7	96.5	103.4	110.2	117.1
60°	20.7	20.7	27.6	27.6	41.3	55.1	75.8	96.5	103.4	117.1	124.0
62.5°	13.8	20.7	20.7	27.6	34.5	55.1	75.8	96.5	110.2	124.0	130.9
65°	13.8	13.8	20.7	20.7	34.5	48.2	68.9	82.7	103.4	124.0	144.7
67.5°	20.7	20.7	27.6	27.6	34.5	48.2	68.9	82.7	103.4	130.9	151.6
70°	20.7	20.7	27.6	27.6	41.3	55.1	68.9	82.7	103.4	130.9	151.6
72.5°	20.7	20.7	27.6	27.6	41.3	48.2	62.0	75.8	96.5	117.1	137.8
75°	13.8	20.7	20.7	20.7	34.5	41.3	55.1	68.9	89.6	110.2	130.9
77.5°	13.8	13.8	13.8	13.8	27.6	34.5	48.2	55.1	75.8	96.5	117.1
80°	13.8	13.8	13.8	13.8	20.7	27.6	41.3	48.2	68.9	89.6	110.2
82.5°	13.8	13.8	6.9	6.9	13.8	20.7	27.6	34.5	55.1	68.9	89.6
85°	13.8	13.8	6.9	6.9	6.9	13.8	13.8	20.7	27.6	34.5	41.3
87.5°	13.8	13.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	89.6	89.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
5°	89.6	96.5	96.5	103.4	103.4	103.4	110.2	110.2	110.2	110.2	110.2
7.5°	89.6	96.5	96.5	103.4	103.4	103.4	110.2	110.2	110.2	117.1	117.1
10°	89.6	96.5	96.5	103.4	103.4	110.2	117.1	117.1	124.0	124.0	124.0
12.5°	96.5	103.4	103.4	110.2	110.2	117.1	124.0	124.0	130.9	137.8	137.8
15°	96.5	103.4	110.2	110.2	117.1	124.0	130.9	130.9	137.8	144.7	151.6
17.5°	96.5	103.4	110.2	110.2	117.1	124.0	137.8	144.7	151.6	165.4	172.3
20°	96.5	103.4	110.2	110.2	117.1	130.9	137.8	151.6	158.5	172.3	186.0
22.5°	96.5	103.4	110.2	117.1	124.0	137.8	151.6	158.5	172.3	192.9	206.7
25°	96.5	103.4	110.2	117.1	124.0	137.8	151.6	165.4	179.1	206.7	234.3
27.5°	96.5	103.4	117.1	124.0	130.9	144.7	165.4	179.1	192.9	241.2	289.4
30°	96.5	103.4	117.1	124.0	130.9	151.6	172.3	186.0	206.7	289.4	365.2
32.5°	96.5	110.2	117.1	130.9	137.8	158.5	186.0	206.7	227.4	344.5	454.7
35°	96.5	110.2	117.1	130.9	137.8	165.4	192.9	220.5	248.0	420.3	592.5
37.5°	96.5	110.2	117.1	130.9	137.8	179.1	220.5	261.8	303.2	482.3	661.4
40°	103.4	117.1	124.0	137.8	144.7	186.0	227.4	268.7	310.1	489.2	668.3
42.5°	103.4	117.1	124.0	137.8	144.7	179.1	220.5	254.9	289.4	489.2	689.0
45°	103.4	117.1	130.9	137.8	151.6	186.0	220.5	248.0	282.5	537.4	785.5
47.5°	103.4	117.1	130.9	137.8	151.6	186.0	220.5	254.9	289.4	709.7	1123.1
50°	103.4	117.1	130.9	137.8	151.6	192.9	234.3	275.6	316.9	1061.1	1805.2
52.5°	110.2	117.1	130.9	137.8	144.7	192.9	241.2	289.4	337.6	1378.0	2411.5
55°	117.1	124.0	130.9	137.8	144.7	206.7	268.7	330.7	392.7	1481.4	2563.1
57.5°	124.0	130.9	137.8	137.8	144.7	220.5	303.2	379.0	454.7	1474.5	2487.3
60°	130.9	137.8	144.7	151.6	158.5	234.3	316.9	392.7	468.5	1336.7	2204.8
62.5°	144.7	158.5	172.3	179.1	192.9	268.7	337.6	413.4	482.3	1095.5	1701.9
65°	165.4	179.1	186.0	199.8	206.7	275.6	351.4	420.3	489.2	909.5	1322.9
67.5°	172.3	186.0	192.9	206.7	213.6	282.5	351.4	420.3	489.2	771.7	1047.3
70°	172.3	186.0	199.8	206.7	220.5	289.4	351.4	420.3	482.3	668.3	854.4
72.5°	158.5	179.1	192.9	213.6	227.4	289.4	344.5	406.5	461.6	592.5	723.5
75°	151.6	179.1	199.8	227.4	248.0	289.4	337.6	379.0	420.3	516.8	613.2
77.5°	137.8	172.3	206.7	241.2	275.6	303.2	323.8	351.4	372.1	434.1	496.1
80°	130.9	165.4	199.8	234.3	268.7	282.5	289.4	303.2	310.1	316.9	323.8
82.5°	103.4	130.9	158.5	179.1	206.7	192.9	186.0	172.3	158.5	151.6	144.7
85°	48.2	55.1	55.1	62.0	62.0	62.0	55.1	55.1	48.2	41.3	34.5
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	96.5	96.5	96.5	96.5	89.6	89.6	89.6	89.6	82.7	82.7	82.7
5°	110.2	110.2	110.2	110.2	103.4	103.4	103.4	103.4	96.5	96.5	96.5
7.5°	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1
10°	130.9	130.9	130.9	137.8	137.8	137.8	137.8	137.8	137.8	137.8	137.8
12.5°	144.7	144.7	151.6	151.6	158.5	158.5	165.4	165.4	172.3	172.3	172.3
15°	158.5	165.4	172.3	179.1	179.1	186.0	192.9	199.8	206.7	213.6	220.5
17.5°	186.0	192.9	206.7	220.5	234.3	248.0	268.7	296.3	316.9	337.6	365.2
20°	206.7	227.4	268.7	316.9	358.3	399.6	503.0	606.3	709.7	813.0	916.4
22.5°	248.0	289.4	427.2	571.9	709.7	847.5	1171.3	1495.1	1812.1	2135.9	2425.3
25°	330.7	420.3	737.2	1054.2	1364.2	1681.2	2259.9	2845.6	3424.4	4003.1	4540.6
27.5°	454.7	620.1	1136.9	1660.5	2177.3	2694.0	3534.6	4382.1	5222.7	6070.2	6821.2
30°	633.9	902.6	1674.3	2452.9	3224.6	3996.3	5057.3	6125.3	7186.4	8247.4	8936.4
32.5°	861.3	1260.9	2239.3	3217.7	4196.1	5174.5	6345.8	7517.1	8681.5	9852.8	10583.2
35°	1102.4	1612.3	2790.5	3975.6	5153.8	6338.9	7572.2	8805.5	10038.9	11272.2	12167.9
37.5°	1240.2	1819.0	3217.7	4616.4	6008.2	7406.8	8757.3	10114.7	11465.1	12815.6	13904.2
40°	1371.1	2067.0	3679.3	5291.6	6903.9	8516.1	10094.0	11671.8	13249.6	14827.5	16226.2
42.5°	1564.1	2439.1	4320.1	6201.1	8075.2	9956.2	12030.1	14110.9	16184.8	18258.7	20408.4
45°	1963.7	3141.9	5581.0	8020.1	10452.3	12891.4	15833.4	18782.4	21724.5	24673.4	27429.4
47.5°	2928.3	4726.6	8054.5	11382.4	14710.3	18038.3	21428.2	24818.1	28208.0	31597.9	34877.6
50°	4533.7	7255.3	11416.9	15578.5	19733.2	23894.8	27277.9	30660.9	34037.0	37420.1	40679.1
52.5°	6042.6	9673.7	14145.4	18623.9	23095.6	27574.1	30571.3	33568.5	36565.7	39562.9	42718.6
55°	6559.4	10548.7	15075.5	19609.2	24136.0	28669.7	31556.6	34450.4	37337.4	40224.3	43497.1
57.5°	6104.6	9721.9	14283.2	18844.4	23398.7	27960.0	31184.5	34416.0	37640.6	40872.0	44379.1
60°	5112.4	8013.2	12801.8	17597.3	22385.9	27174.5	30812.5	34450.4	38088.4	41726.4	45226.5
62.5°	4051.4	6394.0	11465.1	16536.2	21607.3	26678.4	30378.4	34085.3	37785.2	41485.2	44172.4
65°	3107.4	4892.0	9880.4	14875.7	19864.1	24859.4	27891.1	30929.6	33961.2	36999.8	38860.1
67.5°	2308.2	3569.1	7930.5	12298.8	16660.2	21021.7	23254.1	25493.3	27725.7	29965.0	31411.9
70°	1701.9	2542.4	5512.1	8481.7	11444.4	14414.1	16460.4	18506.8	20546.2	22592.6	24094.6
72.5°	1178.2	1626.1	3403.7	5188.2	6965.9	8743.5	10817.4	12891.4	14958.4	17032.3	18741.0
75°	806.1	999.1	1832.8	2666.5	3500.2	4333.9	5904.8	7475.7	9046.7	10617.6	11520.2
77.5°	599.4	702.8	950.8	1205.8	1453.8	1701.9	2005.0	2308.2	2611.3	2914.5	3307.2
80°	330.7	330.7	365.2	392.7	427.2	454.7	537.4	627.0	709.7	799.3	909.5
82.5°	151.6	158.5	172.3	186.0	192.9	206.7	220.5	234.3	248.0	261.8	261.8
85°	41.3	48.2	48.2	41.3	41.3	34.5	34.5	41.3	41.3	41.3	41.3
87.5°	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	82.7	75.8	75.8	75.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
5°	96.5	96.5	96.5	96.5	89.6	89.6	89.6	89.6	89.6	82.7	82.7
7.5°	117.1	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	103.4	103.4
10°	137.8	137.8	137.8	137.8	137.8	137.8	137.8	137.8	137.8	130.9	130.9
12.5°	172.3	172.3	172.3	172.3	179.1	179.1	172.3	172.3	172.3	165.4	165.4
15°	227.4	234.3	241.2	241.2	248.0	248.0	248.0	241.2	241.2	234.3	227.4
17.5°	385.8	406.5	434.1	461.6	489.2	509.9	509.9	496.1	482.3	468.5	454.7
20°	1026.6	1130.0	1240.2	1350.5	1467.6	1550.3	1495.1	1453.8	1412.5	1364.2	1322.9
22.5°	2721.6	3011.0	3307.2	3513.9	3720.6	3865.3	3748.2	3520.8	3293.5	3073.0	2845.6
25°	5078.0	5608.5	6146.0	6366.4	6593.8	6759.2	6683.4	6338.9	5994.4	5656.8	5312.3
27.5°	7572.2	8316.3	9067.4	9260.3	9453.2	9597.9	9570.3	9122.5	8674.6	8226.8	7778.9
30°	9625.5	10314.5	11003.5	11196.4	11389.3	11520.2	11375.5	10927.7	10479.8	10032.0	9584.1
32.5°	11320.4	12050.8	12788.0	13042.9	13297.9	13470.1	13297.9	12760.4	12223.0	11692.5	11155.1
35°	13063.6	13952.4	14848.1	15172.0	15495.8	15702.5	15413.1	14751.7	14090.2	13435.7	12774.2
37.5°	14992.8	16074.6	17163.2	17604.2	18052.0	18362.1	18141.6	17314.8	16481.1	15654.3	14820.6
40°	17631.7	19030.4	20436.0	21228.4	22013.8	22571.9	22179.2	21221.5	20256.9	19299.1	18334.5
42.5°	22565.0	24714.7	26864.5	28001.3	29131.3	29951.2	29510.3	28332.0	27153.8	25975.6	24797.4
45°	30185.5	32934.6	35690.7	37351.2	39018.6	40245.0	39735.1	38253.8	36765.5	35284.1	33802.8
47.5°	38157.3	41437.0	44716.7	46039.6	47369.4	48402.9	48278.9	46432.3	44585.8	42746.1	40899.6
50°	43945.0	47204.0	50463.0	51599.9	52743.6	53591.1	53274.2	50924.6	48568.2	46218.7	43862.3
52.5°	45874.2	49023.0	52178.6	53536.0	54893.3	55906.2	55520.3	52874.5	50228.7	47589.8	44944.0
55°	46769.9	50042.7	53315.5	54969.1	56629.6	57842.3	57284.2	54383.5	51475.9	48575.1	45667.5
57.5°	47886.1	51393.2	54900.2	56712.3	58524.4	59833.5	59089.4	56085.3	53081.2	50084.1	47080.0
60°	48726.7	52220.0	55720.1	57174.0	58634.7	59654.4	58937.8	56016.4	53088.1	50166.7	47245.3
62.5°	46866.4	49553.5	52240.7	53322.4	54404.1	55189.6	54783.1	52013.3	49243.5	46473.6	43703.8
65°	40727.3	42587.6	44454.9	45185.2	45908.7	46466.8	46342.7	44007.0	41671.3	39342.4	37006.7
67.5°	32865.7	34312.6	35766.5	36800.0	37840.4	38646.5	38556.9	36427.9	34298.9	32169.8	30040.8
70°	25603.6	27105.6	28607.6	29909.9	31219.0	32231.8	32100.9	30123.5	28139.1	26161.7	24177.3
72.5°	20456.7	22165.4	23874.2	24618.3	25362.4	25886.1	25500.2	24005.1	22503.0	21007.9	19505.8
75°	12422.8	13318.5	14221.1	14214.3	14214.3	14131.6	13745.7	12891.4	12037.0	11182.6	10328.2
77.5°	3700.0	4092.7	4485.4	4864.4	5250.2	5539.6	5463.8	5016.0	4561.2	4113.4	3658.6
80°	1019.7	1123.1	1233.3	1281.6	1329.8	1391.8	1550.3	1440.0	1329.8	1226.4	1116.2
82.5°	261.8	261.8	261.8	254.9	248.0	234.3	213.6	199.8	186.0	172.3	158.5
85°	41.3	34.5	34.5	34.5	27.6	27.6	27.6	27.6	20.7	20.7	13.8
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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	68.9	68.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	55.1
5°	82.7	82.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	68.9
7.5°	103.4	103.4	96.5	96.5	96.5	96.5	89.6	89.6	89.6	89.6	82.7
10°	130.9	124.0	124.0	117.1	117.1	117.1	110.2	110.2	110.2	103.4	103.4
12.5°	165.4	158.5	158.5	151.6	144.7	144.7	137.8	130.9	124.0	124.0	117.1
15°	220.5	213.6	206.7	199.8	192.9	179.1	172.3	158.5	151.6	144.7	137.8
17.5°	420.3	385.8	351.4	316.9	289.4	261.8	234.3	206.7	192.9	179.1	165.4
20°	1171.3	1012.8	861.3	709.7	613.2	516.8	420.3	323.8	282.5	248.0	206.7
22.5°	2535.6	2218.6	1908.6	1591.6	1336.7	1088.6	833.7	578.8	482.3	392.7	296.3
25°	4712.8	4106.5	3507.1	2900.7	2418.4	1936.1	1453.8	971.5	792.4	613.2	434.1
27.5°	6993.4	6208.0	5422.5	4637.0	3872.2	3100.5	2328.9	1564.1	1254.0	950.8	640.8
30°	8750.4	7916.7	7089.9	6256.2	5291.6	4327.0	3355.5	2390.9	1901.7	1412.5	916.4
32.5°	10259.3	9356.7	8461.0	7558.4	6442.2	5326.0	4209.8	3093.6	2480.4	1867.2	1247.1
35°	11754.5	10727.9	9708.1	8681.5	7482.6	6283.8	5084.9	3886.0	3107.4	2328.9	1543.4
37.5°	13573.5	12319.5	11072.4	9825.3	8591.9	7365.5	6132.2	4898.9	3906.7	2921.4	1929.2
40°	16742.9	15144.4	13552.8	11954.3	10514.3	9081.1	7641.1	6201.1	4954.0	3706.9	2452.9
42.5°	22792.4	20787.4	18789.3	16784.3	14793.0	12801.8	10803.7	8812.4	7034.8	5264.0	3486.4
45°	31232.8	28662.8	26099.7	23529.7	21076.8	18630.8	16177.9	13725.1	11024.1	8323.2	5615.4
47.5°	38088.4	35270.4	32459.2	29641.2	26919.6	24204.9	21483.3	18761.7	15302.9	11851.0	8392.1
50°	41182.1	38494.9	35814.7	33127.5	30399.1	27663.7	24928.3	22199.9	18231.2	14269.4	10300.7
52.5°	42222.5	39494.0	36772.4	34043.9	31336.1	28628.3	25920.5	23212.7	19085.5	14965.3	10838.1
55°	42794.3	39914.3	37041.1	34161.1	31246.6	28325.2	25403.8	22489.3	18382.8	14283.2	10176.7
57.5°	43951.9	40816.9	37688.8	34553.8	31232.8	27911.8	24583.8	21262.8	17211.4	13160.1	9108.7
60°	44165.5	41078.7	37998.8	34919.0	31246.6	27574.1	23894.8	20222.4	16198.6	12181.7	8157.9
62.5°	41126.9	38550.0	35980.0	33403.2	29723.8	26044.5	22358.3	18679.0	14827.5	10975.9	7117.5
65°	34781.2	32555.7	30337.1	28111.6	25107.5	22110.3	19106.2	16102.1	12664.0	9232.7	5794.6
67.5°	27863.5	25686.3	23515.9	21338.6	19078.7	16825.6	14565.6	12305.7	9653.0	7000.3	4347.6
70°	22089.6	19995.0	17907.3	15812.8	13814.6	11809.6	9804.6	7806.5	6159.7	4519.9	2873.2
72.5°	17507.7	15502.7	13504.6	11499.6	9687.5	7875.4	6063.3	4251.2	3431.3	2618.2	1798.3
75°	9287.8	8247.4	7213.9	6173.5	5153.8	4127.2	3100.5	2080.8	1757.0	1433.1	1102.4
77.5°	3203.9	2749.1	2301.3	1846.5	1536.5	1226.4	916.4	606.3	571.9	544.3	509.9
80°	971.5	826.8	682.1	537.4	475.4	413.4	351.4	289.4	268.7	248.0	220.5
82.5°	151.6	137.8	130.9	117.1	110.2	110.2	103.4	96.5	82.7	75.8	62.0
85°	13.8	6.9	6.9	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: P1067696

CATALOG NUMBER: NAV-SA5D-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: P1067696

CATALOG NUMBER: NAV-SA5D-727-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	62.0	62.0
2.5°	55.1	55.1
5°	68.9	68.9
7.5°	82.7	82.7
10°	96.5	96.5
12.5°	110.2	110.2
15°	130.9	124.0
17.5°	151.6	144.7
20°	165.4	151.6
22.5°	199.8	172.3
25°	254.9	213.6
27.5°	330.7	261.8
30°	427.2	330.7
32.5°	633.9	461.6
35°	764.8	558.1
37.5°	937.1	647.7
40°	1205.8	785.5
42.5°	1708.7	1068.0
45°	2914.5	1770.8
47.5°	4940.2	3017.9
50°	6332.0	3872.2
52.5°	6717.8	4106.5
55°	6077.1	3768.9
57.5°	5057.3	3203.9
60°	4140.9	2638.9
62.5°	3265.9	2087.7
65°	2356.4	1577.8
67.5°	1695.0	1212.7
70°	1233.3	950.8
72.5°	978.4	792.4
75°	778.6	661.4
77.5°	482.3	441.0
80°	199.8	186.0
82.5°	48.2	41.3
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P1067696

CATALOG NUMBER: NAV-SA5D-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

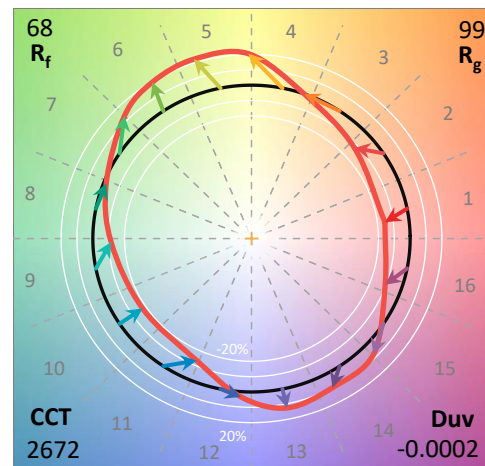
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

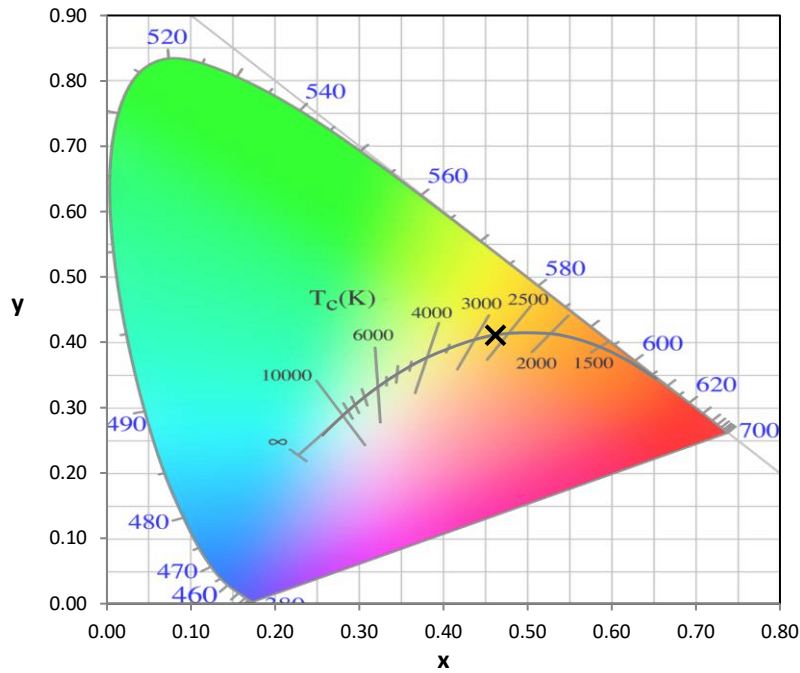
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

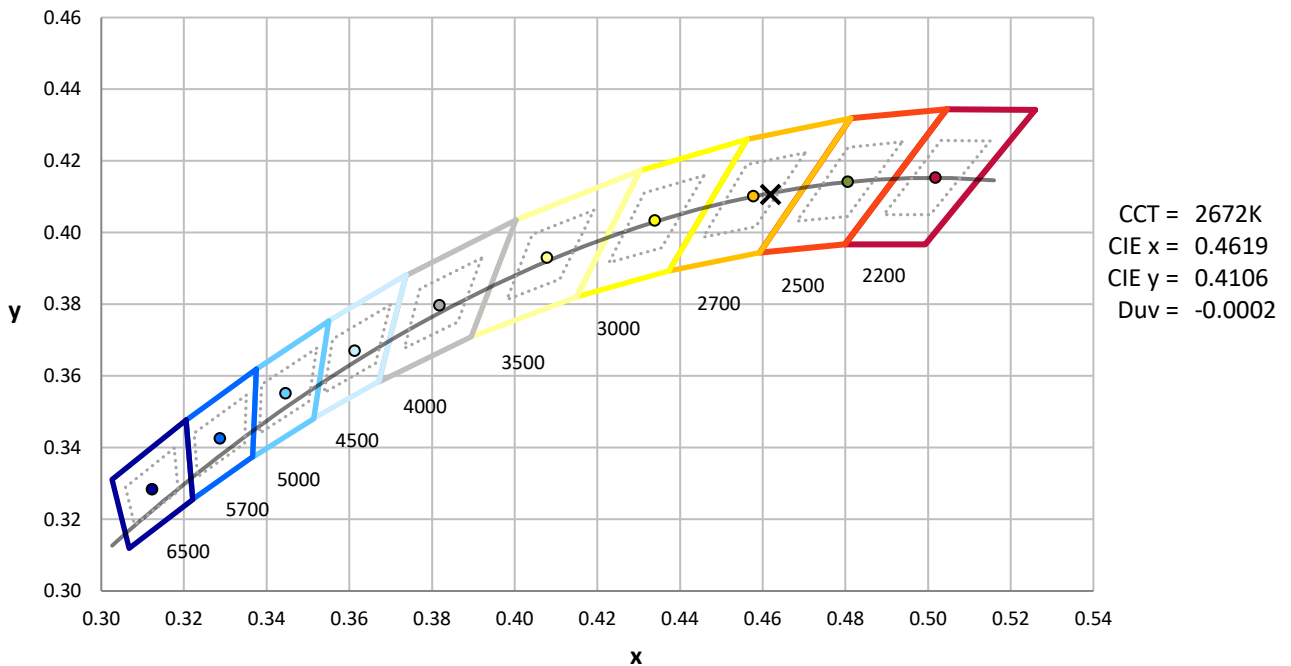
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

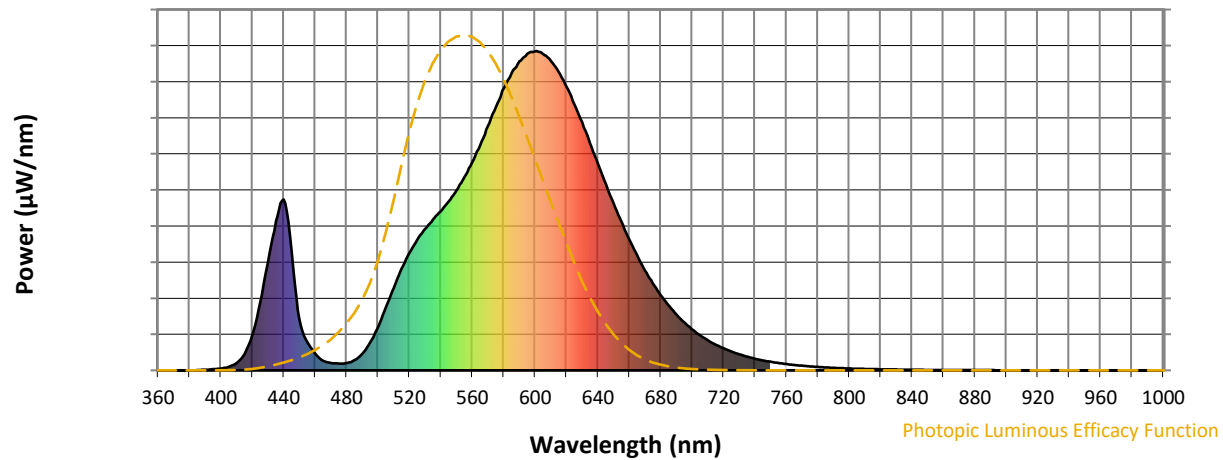


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

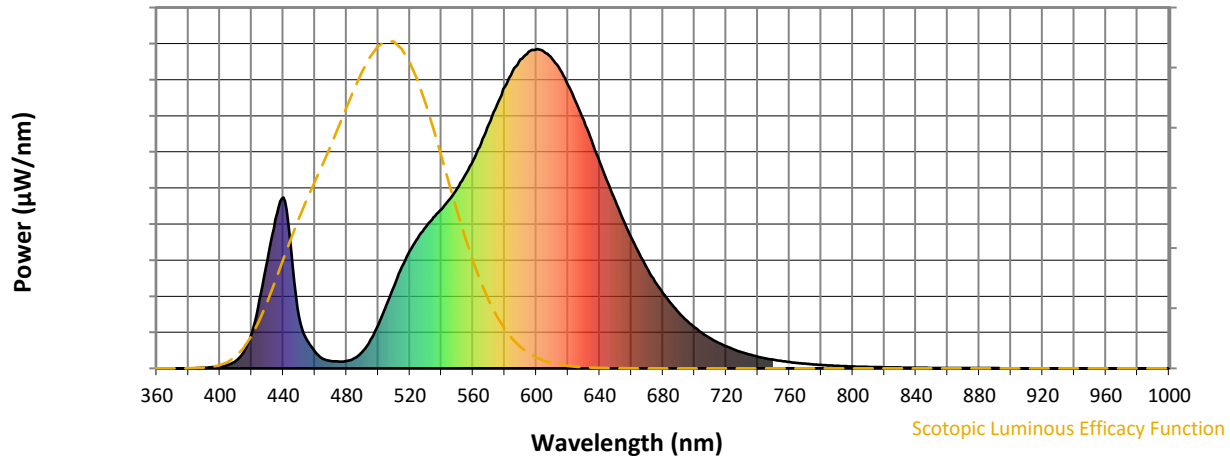


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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



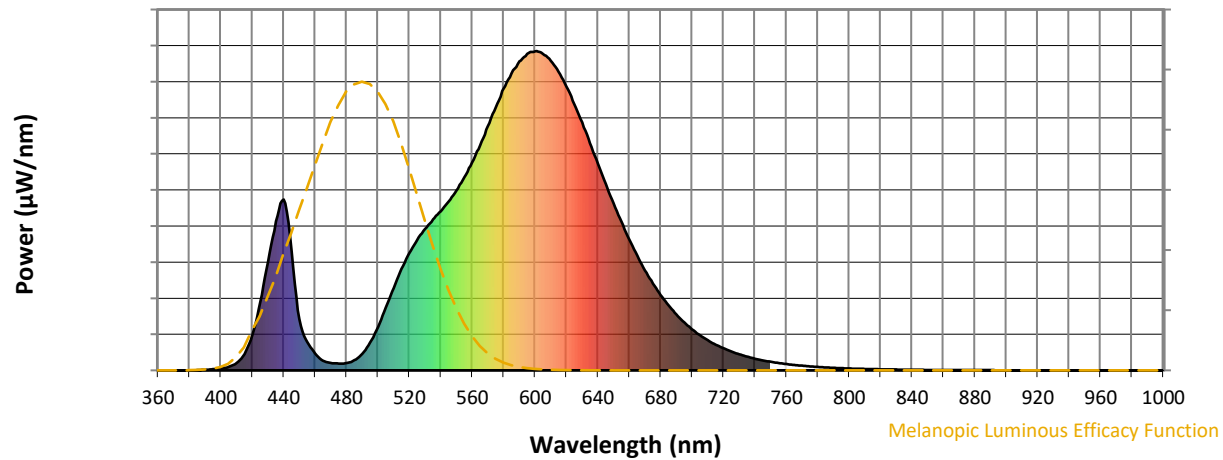
Scotopic Lumens: NR

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 W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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			

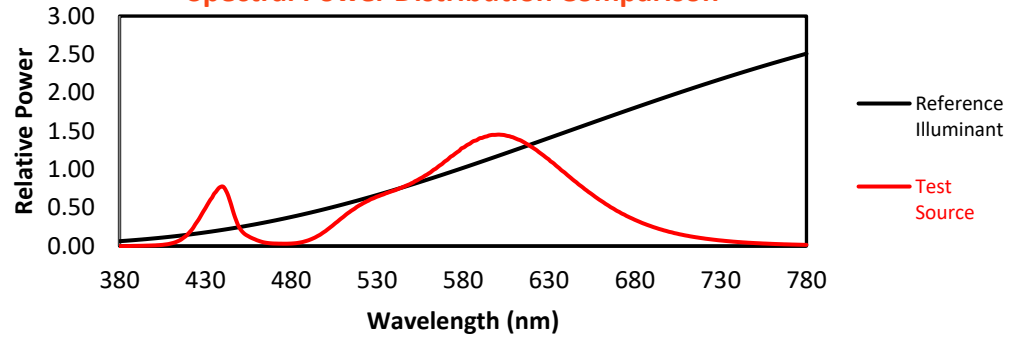
REPORT NUMBER: SP1-2407-184-3

TM-30-18

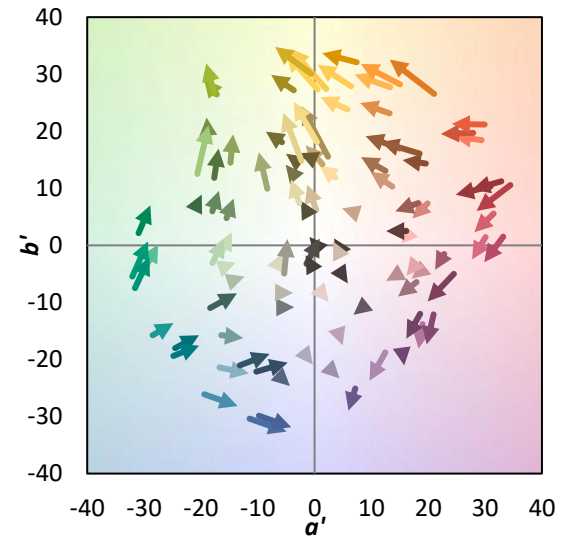
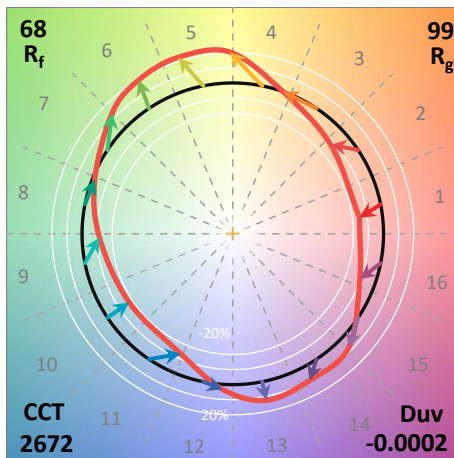
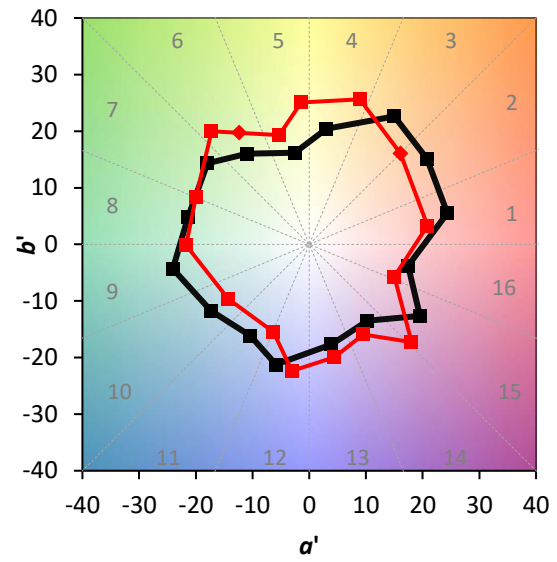
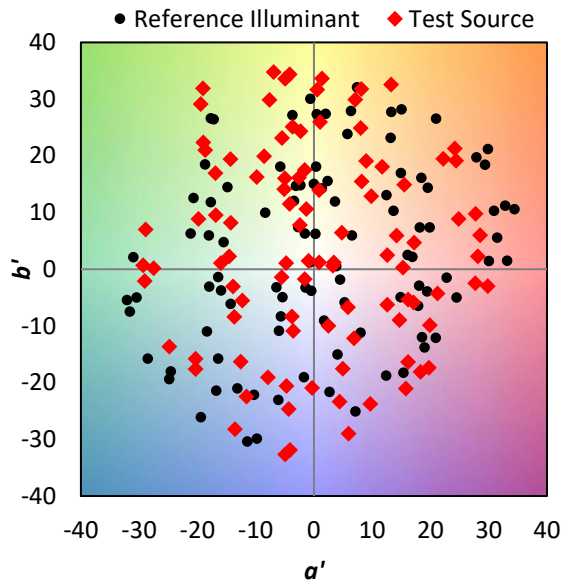
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

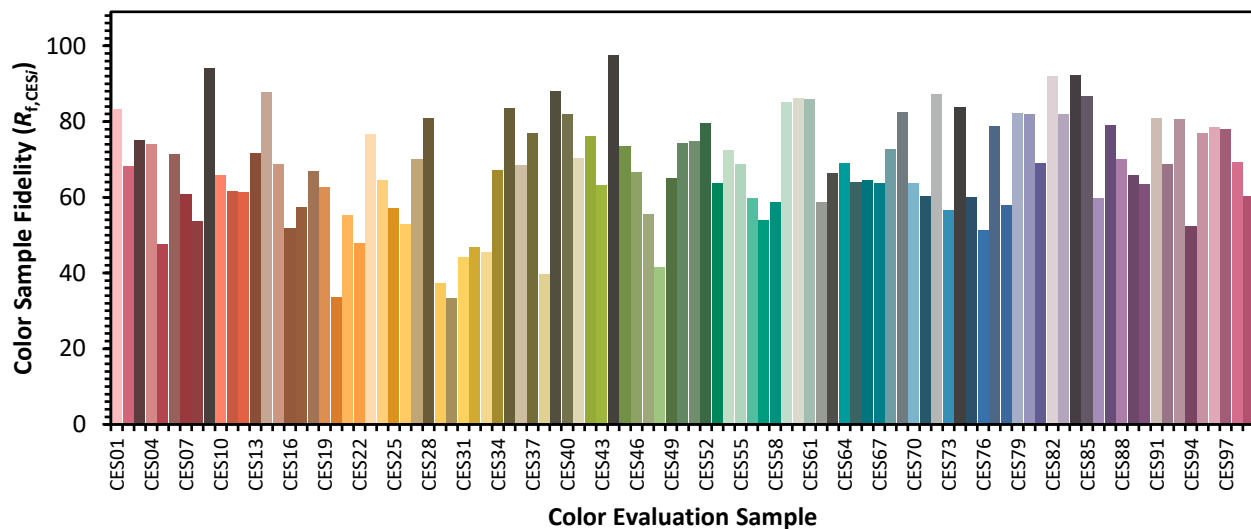


Color Vector Graphics

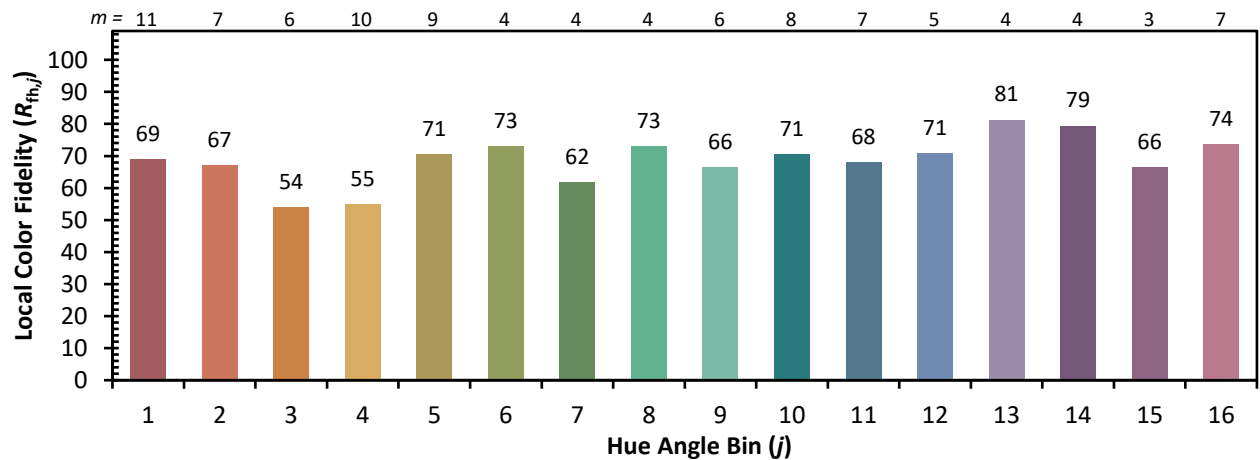
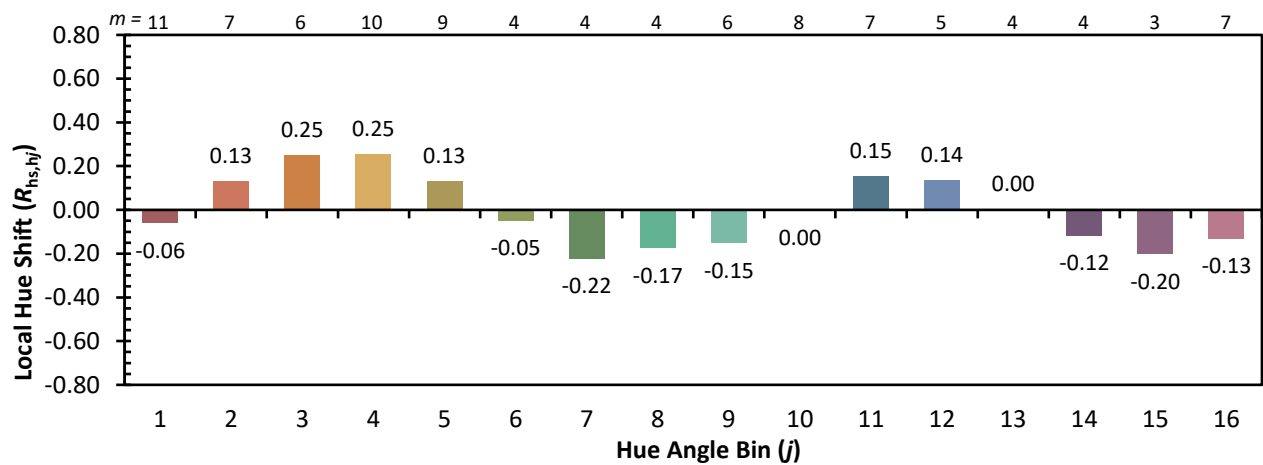
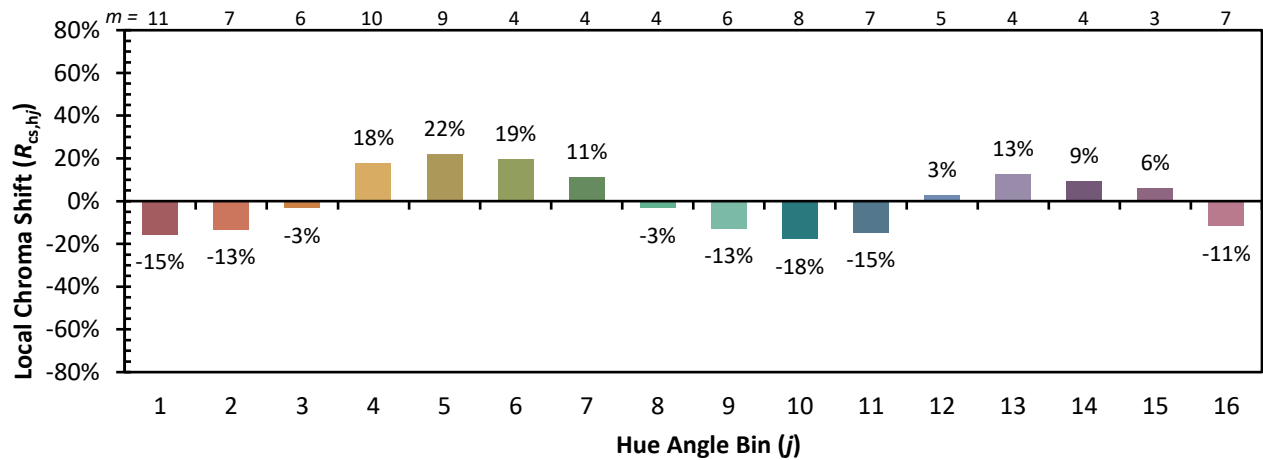


Individual Sample Fidelity Index ($R_{f,i}$)

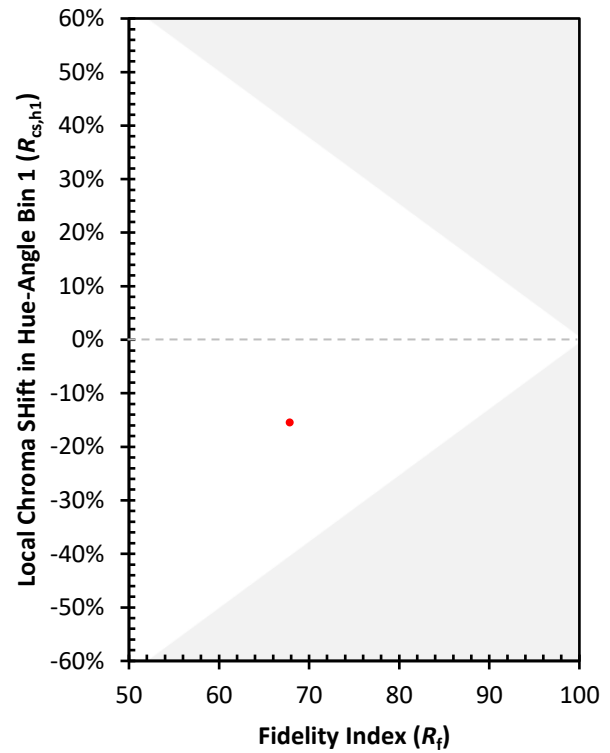
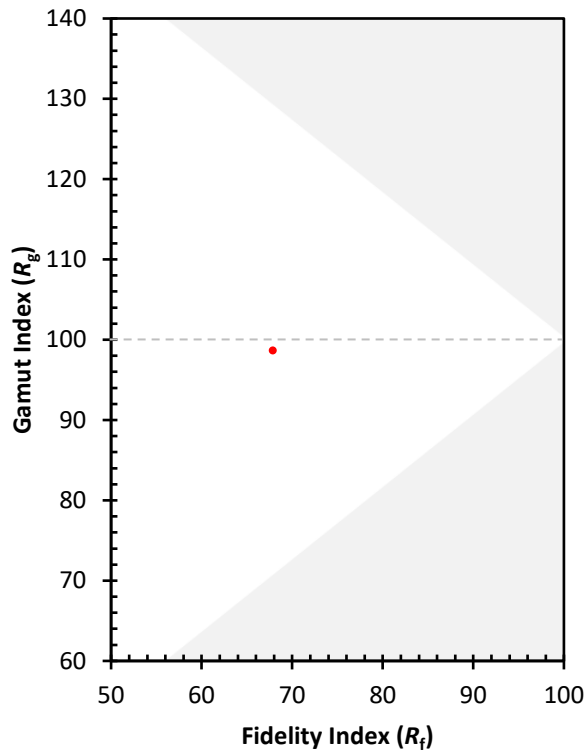
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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)