

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: P1067715

Luminaire Tested: **NAV-SA4C-730-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067715
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4C-730-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17285.5 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
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



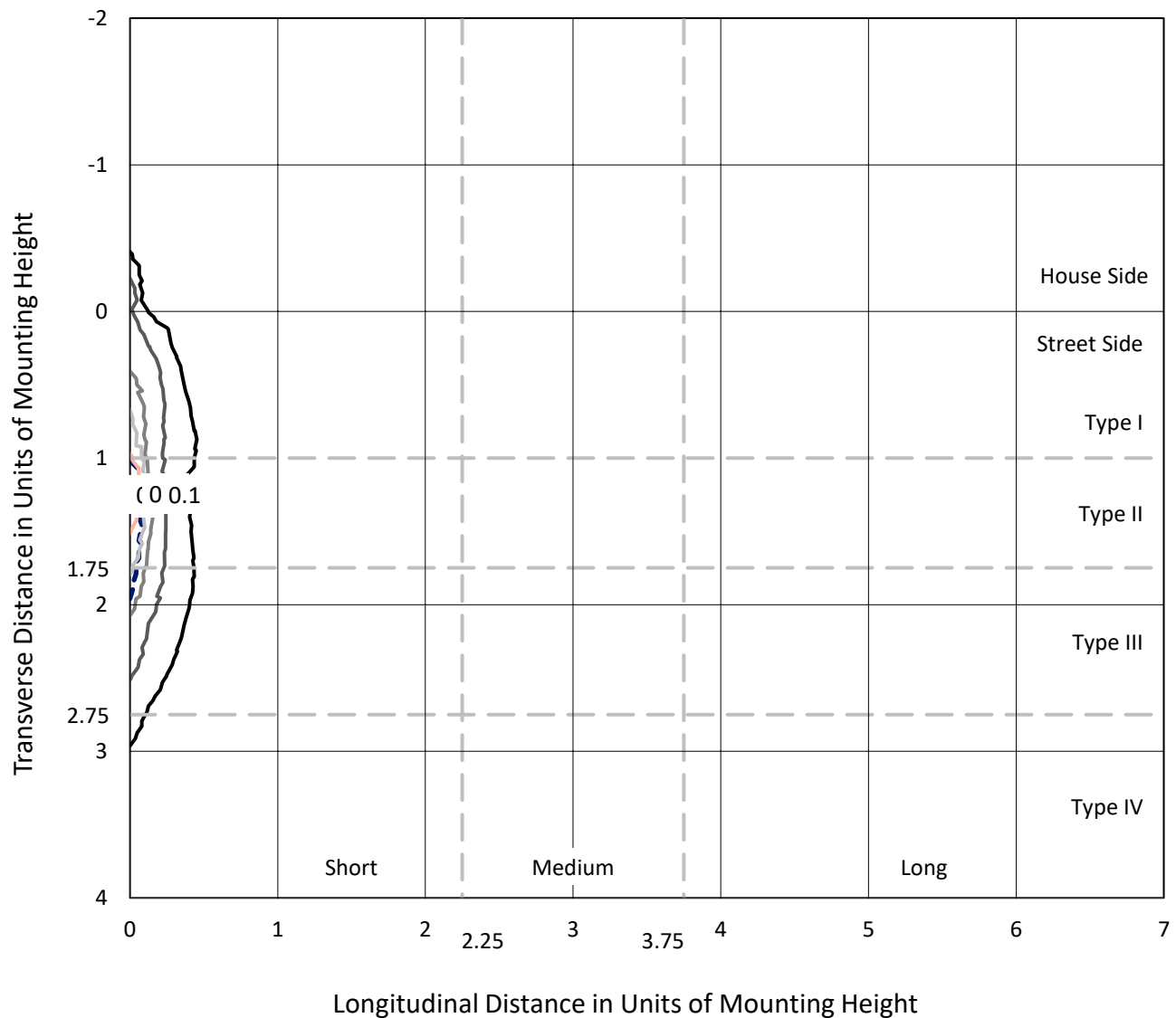
REPORT NUMBER: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

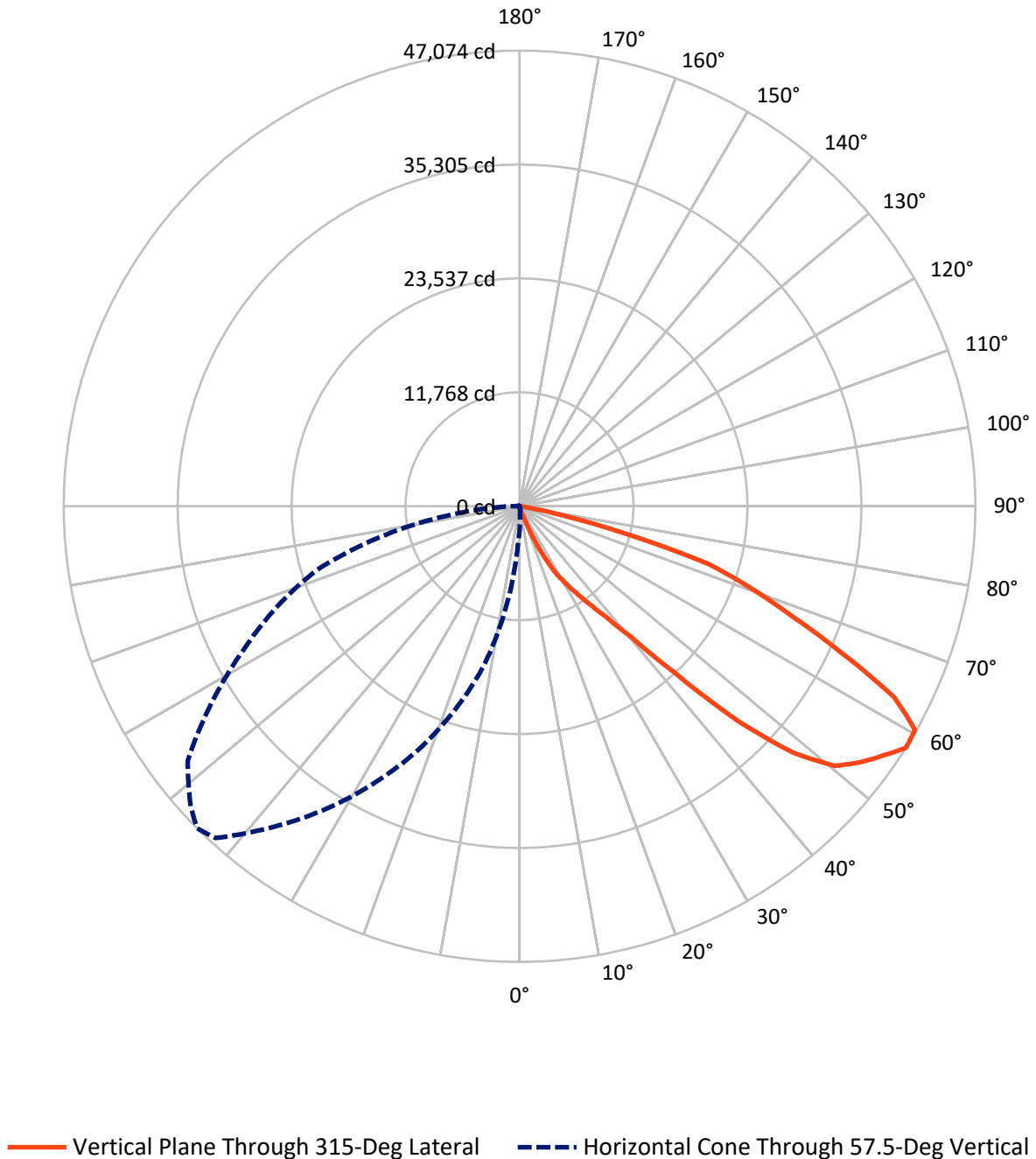


Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - N/A

REPORT NUMBER: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067715

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.8	0.0	102.8
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	17182.7	0.0	17182.7
	% Fixture	99.4	0.0	99.4
Total	Lumens	17285.5	0.0	17285.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.0
10°-20°	25.4	0.1
20°-30°	322.6	1.9
30°-40°	1087.3	6.3
40°-50°	3283.7	19.0
50°-60°	5793.5	33.5
60°-70°	5104.1	29.5
70°-80°	1624.7	9.4
80°-90°	39.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	17285.5	100.0
0°-180°	17285.5	100.0



REPORT NUMBER: P1067715

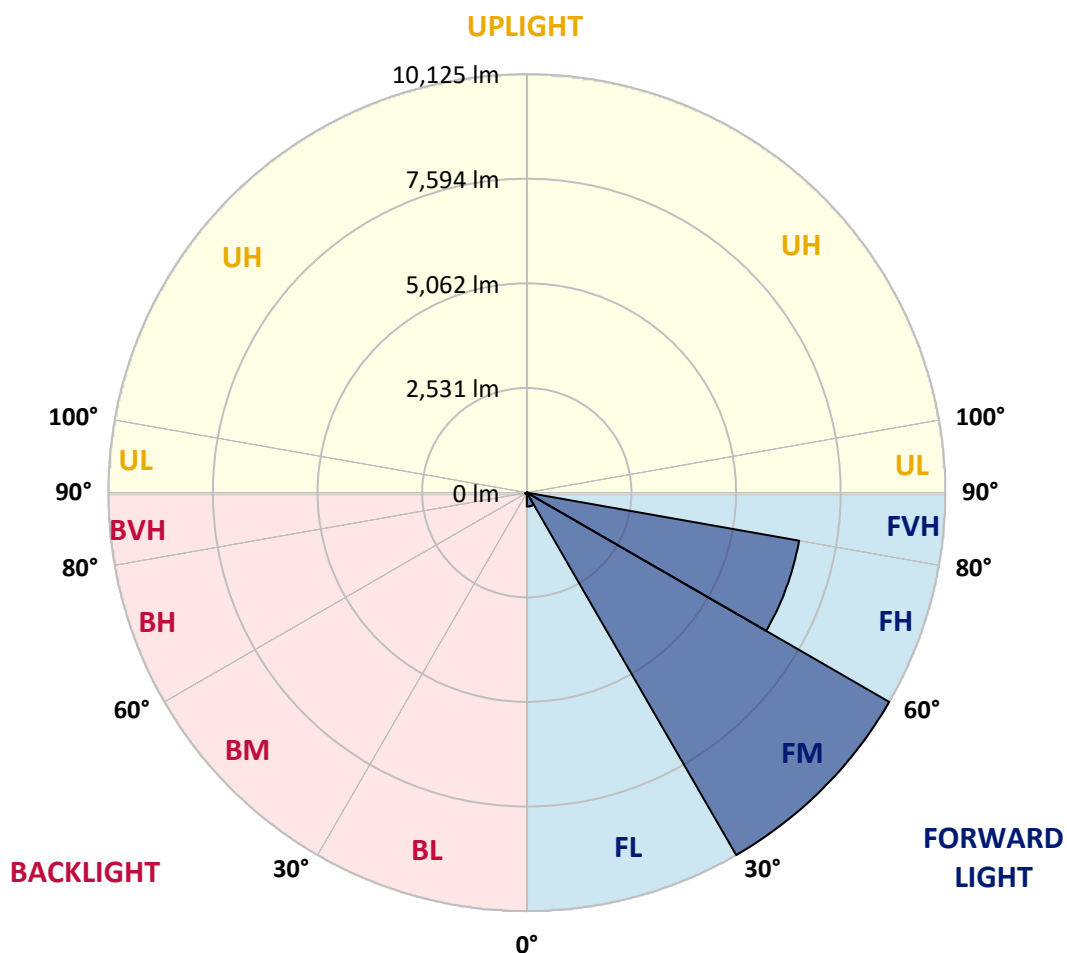
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	337.7	2.0			
FM	(30°-60°)	10124.7	58.6			
FH	(60°-80°)	6688.5	38.7			G3/7500
FVH	(80°-90°)	31.8	0.2			G1/100
BL	(0°-30°)	15.4	0.1	B0/110		
BM	(30°-60°)	39.8	0.2	B0/220		
BH	(60°-80°)	40.3	0.2	B0/110		G0/110
BVH	(80°-90°)	7.3	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-G3

Type III Short



REPORT NUMBER: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	37.9
5°	54.2	54.2	54.2	48.8	48.8	48.8	43.4	43.4	43.4	43.4	43.4
7.5°	65.0	59.6	59.6	54.2	54.2	54.2	48.8	48.8	48.8	48.8	43.4
10°	75.9	70.5	70.5	65.0	65.0	59.6	59.6	54.2	54.2	48.8	48.8
12.5°	86.7	81.3	75.9	70.5	70.5	65.0	65.0	59.6	59.6	54.2	54.2
15°	97.6	92.2	86.7	81.3	75.9	75.9	70.5	65.0	59.6	59.6	54.2
17.5°	113.8	103.0	97.6	86.7	81.3	75.9	70.5	65.0	65.0	59.6	59.6
20°	119.3	108.4	103.0	92.2	86.7	81.3	75.9	70.5	65.0	65.0	59.6
22.5°	140.9	119.3	113.8	103.0	97.6	92.2	81.3	75.9	70.5	65.0	59.6
25°	173.5	140.9	124.7	108.4	103.0	92.2	86.7	75.9	70.5	65.0	59.6
27.5°	211.4	157.2	140.9	119.3	108.4	97.6	86.7	75.9	70.5	65.0	59.6
30°	260.2	184.3	157.2	130.1	119.3	108.4	92.2	81.3	75.9	70.5	59.6
32.5°	363.2	227.7	184.3	140.9	124.7	113.8	97.6	81.3	75.9	70.5	59.6
35°	439.1	276.5	222.2	162.6	140.9	124.7	103.0	81.3	75.9	70.5	59.6
37.5°	509.5	281.9	227.7	173.5	151.8	130.1	103.0	81.3	75.9	70.5	59.6
40°	623.4	292.7	227.7	162.6	146.4	124.7	108.4	86.7	81.3	70.5	65.0
42.5°	840.2	336.1	243.9	151.8	135.5	124.7	108.4	92.2	81.3	75.9	65.0
45°	1398.5	498.7	330.7	157.2	140.9	124.7	108.4	92.2	86.7	75.9	70.5
47.5°	2379.7	867.3	515.0	162.6	146.4	124.7	108.4	86.7	81.3	75.9	65.0
50°	3046.4	1111.2	650.5	189.7	162.6	140.9	113.8	86.7	81.3	75.9	70.5
52.5°	3236.2	1181.7	704.7	222.2	189.7	157.2	119.3	86.7	81.3	81.3	75.9
55°	2965.1	1149.2	704.7	260.2	216.8	178.9	135.5	92.2	86.7	86.7	81.3
57.5°	2520.6	1062.5	672.2	281.9	238.5	189.7	146.4	97.6	92.2	92.2	86.7
60°	2076.1	894.4	607.1	314.4	265.6	216.8	168.0	119.3	113.8	108.4	97.6
62.5°	1647.9	721.0	531.2	336.1	287.3	233.1	184.3	130.1	124.7	119.3	113.8
65°	1241.3	628.8	493.3	352.3	298.1	243.9	189.7	135.5	130.1	130.1	124.7
67.5°	954.0	574.6	471.6	363.2	309.0	254.8	200.6	146.4	140.9	135.5	130.1
70°	753.5	531.2	444.5	357.8	309.0	260.2	206.0	157.2	146.4	140.9	130.1
72.5°	628.8	482.4	412.0	341.5	303.6	265.6	227.7	189.7	168.0	151.8	130.1
75°	525.8	433.7	374.0	309.0	281.9	260.2	233.1	206.0	178.9	151.8	124.7
77.5°	346.9	314.4	287.3	260.2	243.9	227.7	206.0	189.7	162.6	140.9	113.8
80°	146.4	135.5	140.9	140.9	140.9	140.9	135.5	135.5	119.3	103.0	81.3
82.5°	32.5	27.1	32.5	32.5	32.5	32.5	27.1	27.1	27.1	21.7	21.7
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
5°	43.4	43.4	43.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
7.5°	43.4	43.4	43.4	37.9	37.9	37.9	37.9	32.5	32.5	32.5	32.5
10°	43.4	43.4	43.4	37.9	37.9	37.9	37.9	32.5	32.5	32.5	32.5
12.5°	48.8	48.8	43.4	43.4	37.9	37.9	37.9	32.5	32.5	32.5	32.5
15°	48.8	48.8	43.4	43.4	37.9	37.9	37.9	32.5	32.5	32.5	32.5
17.5°	54.2	48.8	48.8	43.4	37.9	37.9	37.9	32.5	32.5	32.5	32.5
20°	54.2	48.8	48.8	43.4	37.9	37.9	37.9	32.5	32.5	32.5	32.5
22.5°	54.2	48.8	48.8	43.4	37.9	37.9	32.5	32.5	27.1	27.1	21.7
25°	54.2	48.8	48.8	43.4	37.9	37.9	32.5	32.5	27.1	21.7	21.7
27.5°	54.2	48.8	48.8	43.4	37.9	32.5	32.5	27.1	21.7	16.3	16.3
30°	54.2	48.8	48.8	43.4	37.9	32.5	27.1	21.7	16.3	16.3	10.8
32.5°	54.2	48.8	43.4	37.9	32.5	27.1	27.1	21.7	16.3	10.8	10.8
35°	54.2	48.8	43.4	37.9	32.5	27.1	27.1	21.7	16.3	10.8	10.8
37.5°	54.2	48.8	43.4	37.9	32.5	27.1	21.7	16.3	10.8	10.8	5.4
40°	54.2	48.8	43.4	37.9	32.5	27.1	21.7	16.3	10.8	10.8	5.4
42.5°	54.2	48.8	43.4	37.9	32.5	27.1	21.7	16.3	10.8	10.8	5.4
45°	59.6	54.2	48.8	37.9	32.5	27.1	27.1	21.7	16.3	10.8	10.8
47.5°	59.6	54.2	48.8	37.9	32.5	27.1	27.1	21.7	16.3	10.8	10.8
50°	65.0	59.6	54.2	43.4	37.9	32.5	27.1	16.3	10.8	10.8	5.4
52.5°	70.5	65.0	59.6	54.2	48.8	37.9	27.1	16.3	5.4	5.4	5.4
55°	75.9	70.5	70.5	65.0	59.6	43.4	32.5	16.3	0.0	0.0	0.0
57.5°	81.3	75.9	75.9	70.5	65.0	48.8	32.5	16.3	0.0	0.0	0.0
60°	92.2	86.7	81.3	70.5	65.0	48.8	32.5	16.3	0.0	0.0	0.0
62.5°	108.4	97.6	81.3	70.5	54.2	43.4	27.1	16.3	0.0	0.0	0.0
65°	119.3	103.0	86.7	65.0	48.8	37.9	27.1	10.8	0.0	0.0	0.0
67.5°	124.7	103.0	86.7	65.0	43.4	32.5	21.7	10.8	0.0	0.0	0.0
70°	119.3	97.6	81.3	59.6	37.9	27.1	21.7	10.8	0.0	0.0	0.0
72.5°	108.4	92.2	70.5	54.2	32.5	27.1	16.3	10.8	0.0	0.0	0.0
75°	97.6	81.3	59.6	43.4	21.7	16.3	10.8	5.4	0.0	0.0	0.0
77.5°	86.7	70.5	48.8	32.5	10.8	10.8	5.4	5.4	0.0	0.0	0.0
80°	65.0	48.8	32.5	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.3	10.8	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5°	32.5	32.5	32.5	32.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1
7.5°	32.5	32.5	32.5	32.5	27.1	27.1	27.1	27.1	21.7	21.7	21.7
10°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	21.7	21.7	21.7
12.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	21.7	21.7	21.7
15°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	21.7	21.7	16.3	16.3
17.5°	27.1	27.1	27.1	27.1	21.7	21.7	21.7	16.3	16.3	10.8	10.8
20°	27.1	27.1	27.1	21.7	21.7	16.3	16.3	10.8	10.8	5.4	5.4
22.5°	21.7	16.3	16.3	10.8	10.8	5.4	5.4	5.4	0.0	0.0	0.0
25°	16.3	10.8	10.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	10.8	5.4	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	10.8	5.4	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	5.4	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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	32.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
5°	27.1	27.1	27.1	27.1	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7.5°	21.7	21.7	21.7	21.7	21.7	21.7	16.3	16.3	16.3	16.3	16.3
10°	21.7	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	10.8	10.8
12.5°	21.7	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8	5.4	5.4
15°	16.3	10.8	10.8	10.8	5.4	5.4	5.4	5.4	5.4	0.0	0.0
17.5°	10.8	5.4	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	5.4	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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	32.5	32.5
5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7.5°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
10°	10.8	10.8	10.8	10.8	10.8	10.8	5.4	5.4	5.4	5.4	5.4
12.5°	5.4	5.4	5.4	5.4	5.4	5.4	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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	32.5	32.5	32.5	32.5	32.5	37.9	37.9	43.4	43.4	48.8	48.8
5°	21.7	21.7	27.1	27.1	27.1	27.1	32.5	32.5	32.5	37.9	37.9
7.5°	16.3	16.3	16.3	16.3	16.3	21.7	21.7	27.1	27.1	32.5	32.5
10°	5.4	5.4	10.8	10.8	10.8	10.8	16.3	16.3	16.3	21.7	27.1
12.5°	0.0	0.0	5.4	5.4	5.4	5.4	10.8	10.8	10.8	16.3	21.7
15°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	10.8	16.3
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	10.8
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	54.2	54.2	59.6	59.6	65.0	65.0	70.5	70.5	70.5	70.5	70.5
5°	43.4	43.4	48.8	54.2	54.2	59.6	65.0	65.0	65.0	65.0	65.0
7.5°	37.9	37.9	43.4	48.8	48.8	54.2	59.6	59.6	65.0	65.0	65.0
10°	27.1	32.5	37.9	43.4	43.4	48.8	54.2	54.2	59.6	59.6	59.6
12.5°	21.7	27.1	32.5	37.9	37.9	43.4	48.8	48.8	54.2	54.2	59.6
15°	16.3	21.7	27.1	32.5	32.5	37.9	43.4	43.4	48.8	54.2	59.6
17.5°	10.8	16.3	21.7	27.1	27.1	32.5	37.9	43.4	48.8	48.8	54.2
20°	10.8	10.8	16.3	21.7	21.7	27.1	32.5	37.9	43.4	43.4	48.8
22.5°	5.4	5.4	10.8	16.3	16.3	21.7	27.1	32.5	37.9	37.9	43.4
25°	0.0	0.0	5.4	10.8	10.8	16.3	21.7	21.7	27.1	27.1	32.5
27.5°	0.0	0.0	5.4	5.4	10.8	10.8	16.3	16.3	21.7	21.7	27.1
30°	0.0	0.0	5.4	5.4	10.8	10.8	16.3	16.3	21.7	21.7	21.7
32.5°	0.0	0.0	0.0	5.4	5.4	5.4	10.8	10.8	16.3	16.3	21.7
35°	0.0	0.0	0.0	5.4	5.4	5.4	10.8	10.8	16.3	16.3	16.3
37.5°	0.0	0.0	0.0	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.3
40°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
45°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
50°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4
55°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	10.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	70.5	70.5
5°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	65.0	65.0
7.5°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	65.0	65.0
10°	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
12.5°	59.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
15°	59.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
17.5°	54.2	59.6	59.6	59.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0
20°	48.8	54.2	54.2	54.2	59.6	59.6	59.6	59.6	65.0	65.0	65.0
22.5°	43.4	48.8	48.8	48.8	54.2	54.2	54.2	54.2	59.6	59.6	59.6
25°	37.9	37.9	43.4	43.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8
27.5°	27.1	32.5	32.5	32.5	37.9	37.9	37.9	37.9	43.4	43.4	43.4
30°	27.1	27.1	27.1	27.1	32.5	32.5	32.5	32.5	37.9	37.9	37.9
32.5°	21.7	27.1	27.1	27.1	32.5	32.5	32.5	32.5	37.9	37.9	37.9
35°	21.7	21.7	21.7	21.7	27.1	27.1	27.1	27.1	32.5	32.5	32.5
37.5°	16.3	21.7	21.7	21.7	27.1	27.1	27.1	27.1	32.5	32.5	32.5
40°	16.3	16.3	16.3	16.3	21.7	21.7	21.7	21.7	27.1	27.1	27.1
42.5°	16.3	16.3	16.3	16.3	21.7	21.7	21.7	21.7	27.1	27.1	27.1
45°	16.3	16.3	16.3	16.3	21.7	21.7	21.7	21.7	27.1	27.1	27.1
47.5°	16.3	16.3	16.3	16.3	21.7	21.7	21.7	21.7	27.1	27.1	27.1
50°	16.3	16.3	16.3	16.3	21.7	21.7	21.7	21.7	27.1	27.1	27.1
52.5°	10.8	10.8	10.8	10.8	16.3	16.3	16.3	16.3	21.7	21.7	21.7
55°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	16.3	16.3	16.3
57.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	16.3	16.3	16.3
60°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
62.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	5.4	5.4
67.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
70°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
72.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
75°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
77.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
80°	16.3	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8	10.8
82.5°	10.8	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8	10.8
85°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
87.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	70.5	70.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	70.5	70.5
5°	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	70.5	70.5
7.5°	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	70.5	70.5
10°	65.0	65.0	65.0	65.0	59.6	59.6	65.0	65.0	65.0	70.5	70.5
12.5°	65.0	65.0	65.0	65.0	59.6	59.6	65.0	65.0	70.5	70.5	75.9
15°	65.0	65.0	59.6	59.6	59.6	59.6	65.0	65.0	70.5	70.5	75.9
17.5°	65.0	65.0	59.6	59.6	59.6	59.6	65.0	65.0	70.5	70.5	75.9
20°	65.0	65.0	59.6	59.6	59.6	59.6	59.6	59.6	65.0	70.5	70.5
22.5°	59.6	59.6	59.6	59.6	54.2	54.2	59.6	59.6	65.0	70.5	70.5
25°	48.8	54.2	54.2	54.2	54.2	54.2	59.6	59.6	65.0	70.5	70.5
27.5°	43.4	48.8	48.8	48.8	48.8	54.2	54.2	59.6	65.0	70.5	70.5
30°	37.9	43.4	43.4	43.4	48.8	54.2	54.2	59.6	65.0	70.5	70.5
32.5°	37.9	43.4	43.4	43.4	48.8	48.8	54.2	54.2	59.6	65.0	70.5
35°	37.9	37.9	43.4	43.4	43.4	48.8	48.8	54.2	59.6	65.0	70.5
37.5°	37.9	37.9	43.4	43.4	43.4	48.8	48.8	54.2	59.6	65.0	70.5
40°	32.5	37.9	37.9	43.4	43.4	48.8	48.8	54.2	59.6	70.5	75.9
42.5°	32.5	32.5	37.9	37.9	43.4	48.8	48.8	54.2	59.6	70.5	75.9
45°	32.5	37.9	37.9	43.4	48.8	54.2	54.2	59.6	65.0	70.5	75.9
47.5°	32.5	37.9	37.9	43.4	54.2	54.2	59.6	59.6	65.0	70.5	75.9
50°	32.5	37.9	37.9	43.4	59.6	59.6	59.6	59.6	65.0	70.5	75.9
52.5°	27.1	32.5	32.5	37.9	48.8	54.2	59.6	65.0	70.5	75.9	81.3
55°	21.7	27.1	27.1	32.5	43.4	48.8	59.6	70.5	75.9	81.3	86.7
57.5°	21.7	21.7	27.1	27.1	37.9	48.8	65.0	75.9	81.3	86.7	92.2
60°	16.3	16.3	21.7	21.7	32.5	43.4	59.6	75.9	81.3	92.2	97.6
62.5°	10.8	16.3	16.3	21.7	27.1	43.4	59.6	75.9	86.7	97.6	103.0
65°	10.8	10.8	16.3	16.3	27.1	37.9	54.2	65.0	81.3	97.6	113.8
67.5°	16.3	16.3	21.7	21.7	27.1	37.9	54.2	65.0	81.3	103.0	119.3
70°	16.3	16.3	21.7	21.7	32.5	43.4	54.2	65.0	81.3	103.0	119.3
72.5°	16.3	16.3	21.7	21.7	32.5	37.9	48.8	59.6	75.9	92.2	108.4
75°	10.8	16.3	16.3	16.3	27.1	32.5	43.4	54.2	70.5	86.7	103.0
77.5°	10.8	10.8	10.8	10.8	21.7	27.1	37.9	43.4	59.6	75.9	92.2
80°	10.8	10.8	10.8	10.8	16.3	21.7	32.5	37.9	54.2	70.5	86.7
82.5°	10.8	10.8	5.4	5.4	10.8	16.3	21.7	27.1	43.4	54.2	70.5
85°	10.8	10.8	5.4	5.4	5.4	10.8	10.8	16.3	21.7	27.1	32.5
87.5°	10.8	10.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	70.5	70.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
5°	70.5	75.9	75.9	81.3	81.3	81.3	86.7	86.7	86.7	86.7	86.7
7.5°	70.5	75.9	75.9	81.3	81.3	81.3	86.7	86.7	86.7	92.2	92.2
10°	70.5	75.9	75.9	81.3	81.3	86.7	92.2	92.2	97.6	97.6	97.6
12.5°	75.9	81.3	81.3	86.7	86.7	92.2	97.6	97.6	103.0	108.4	108.4
15°	75.9	81.3	86.7	86.7	92.2	97.6	103.0	103.0	108.4	113.8	119.3
17.5°	75.9	81.3	86.7	86.7	92.2	97.6	108.4	113.8	119.3	130.1	135.5
20°	75.9	81.3	86.7	86.7	92.2	103.0	108.4	119.3	124.7	135.5	146.4
22.5°	75.9	81.3	86.7	92.2	97.6	108.4	119.3	124.7	135.5	151.8	162.6
25°	75.9	81.3	86.7	92.2	97.6	108.4	119.3	130.1	140.9	162.6	184.3
27.5°	75.9	81.3	92.2	97.6	103.0	113.8	130.1	140.9	151.8	189.7	227.7
30°	75.9	81.3	92.2	97.6	103.0	119.3	135.5	146.4	162.6	227.7	287.3
32.5°	75.9	86.7	92.2	103.0	108.4	124.7	146.4	162.6	178.9	271.0	357.8
35°	75.9	86.7	92.2	103.0	108.4	130.1	151.8	173.5	195.1	330.7	466.2
37.5°	75.9	86.7	92.2	103.0	108.4	140.9	173.5	206.0	238.5	379.5	520.4
40°	81.3	92.2	97.6	108.4	113.8	146.4	178.9	211.4	243.9	384.9	525.8
42.5°	81.3	92.2	97.6	108.4	113.8	140.9	173.5	200.6	227.7	384.9	542.1
45°	81.3	92.2	103.0	108.4	119.3	146.4	173.5	195.1	222.2	422.8	618.0
47.5°	81.3	92.2	103.0	108.4	119.3	146.4	173.5	200.6	227.7	558.3	883.6
50°	81.3	92.2	103.0	108.4	119.3	151.8	184.3	216.8	249.4	834.8	1420.2
52.5°	86.7	92.2	103.0	108.4	113.8	151.8	189.7	227.7	265.6	1084.1	1897.3
55°	92.2	97.6	103.0	108.4	113.8	162.6	211.4	260.2	309.0	1165.5	2016.5
57.5°	97.6	103.0	108.4	108.4	113.8	173.5	238.5	298.1	357.8	1160.0	1956.9
60°	103.0	108.4	113.8	119.3	124.7	184.3	249.4	309.0	368.6	1051.6	1734.6
62.5°	113.8	124.7	135.5	140.9	151.8	211.4	265.6	325.2	379.5	861.9	1338.9
65°	130.1	140.9	146.4	157.2	162.6	216.8	276.5	330.7	384.9	715.5	1040.8
67.5°	135.5	146.4	151.8	162.6	168.0	222.2	276.5	330.7	384.9	607.1	824.0
70°	135.5	146.4	157.2	162.6	173.5	227.7	276.5	330.7	379.5	525.8	672.2
72.5°	124.7	140.9	151.8	168.0	178.9	227.7	271.0	319.8	363.2	466.2	569.2
75°	119.3	140.9	157.2	178.9	195.1	227.7	265.6	298.1	330.7	406.6	482.4
77.5°	108.4	135.5	162.6	189.7	216.8	238.5	254.8	276.5	292.7	341.5	390.3
80°	103.0	130.1	157.2	184.3	211.4	222.2	227.7	238.5	243.9	249.4	254.8
82.5°	81.3	103.0	124.7	140.9	162.6	151.8	146.4	135.5	124.7	119.3	113.8
85°	37.9	43.4	43.4	48.8	48.8	48.8	43.4	43.4	37.9	32.5	27.1
87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	75.9	75.9	75.9	75.9	70.5	70.5	70.5	70.5	65.0	65.0	65.0
5°	86.7	86.7	86.7	86.7	81.3	81.3	81.3	81.3	75.9	75.9	75.9
7.5°	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
10°	103.0	103.0	103.0	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4
12.5°	113.8	113.8	119.3	119.3	124.7	124.7	130.1	130.1	135.5	135.5	135.5
15°	124.7	130.1	135.5	140.9	140.9	146.4	151.8	157.2	162.6	168.0	173.5
17.5°	146.4	151.8	162.6	173.5	184.3	195.1	211.4	233.1	249.4	265.6	287.3
20°	162.6	178.9	211.4	249.4	281.9	314.4	395.7	477.0	558.3	639.6	721.0
22.5°	195.1	227.7	336.1	449.9	558.3	666.7	921.5	1176.3	1425.7	1680.4	1908.1
25°	260.2	330.7	580.0	829.4	1073.3	1322.7	1778.0	2238.8	2694.1	3149.4	3572.3
27.5°	357.8	487.9	894.4	1306.4	1712.9	2119.5	2780.8	3447.6	4108.9	4775.7	5366.5
30°	498.7	710.1	1317.2	1929.8	2536.9	3144.0	3978.8	4819.0	5653.8	6488.6	7030.7
32.5°	677.6	992.0	1761.7	2531.5	3301.2	4071.0	4992.5	5914.0	6830.1	7751.6	8326.2
35°	867.3	1268.4	2195.4	3127.8	4054.7	4987.1	5957.4	6927.7	7898.0	8868.3	9573.0
37.5°	975.7	1431.1	2531.5	3631.9	4726.9	5827.3	6889.7	7957.6	9020.1	10082.5	10939.0
40°	1078.7	1626.2	2894.7	4163.1	5431.6	6700.0	7941.4	9182.7	10424.1	11665.4	12765.8
42.5°	1230.5	1918.9	3398.8	4878.7	6353.1	7832.9	9464.6	11101.6	12733.3	14364.9	16056.2
45°	1544.9	2471.9	4390.8	6309.7	8223.2	10142.2	12456.8	14776.9	17091.5	19411.6	21579.9
47.5°	2303.8	3718.6	6336.8	8955.0	11573.2	14191.5	16858.5	19525.5	22192.5	24859.4	27439.7
50°	3566.8	5708.0	8982.1	12256.3	15525.0	18799.1	21460.7	24122.2	26778.4	29440.0	32004.0
52.5°	4754.0	7610.7	11128.7	14652.2	18170.3	21693.7	24051.8	26409.8	28767.8	31125.8	33608.5
55°	5160.5	8299.1	11860.5	15427.4	18988.8	22555.6	24826.9	27103.6	29374.9	31646.2	34221.0
57.5°	4802.8	7648.6	11237.2	14825.7	18408.8	21997.3	24534.2	27076.5	29613.4	32155.7	34914.9
60°	4022.2	6304.3	10071.7	13844.5	17611.9	21379.3	24241.5	27103.6	29965.8	32827.9	35581.6
62.5°	3187.4	5030.4	9020.1	13009.7	16999.4	20989.0	23900.0	26816.3	29727.3	32638.2	34752.3
65°	2444.7	3848.7	7773.3	11703.3	15628.0	19558.0	21943.1	24333.6	26718.8	29109.3	30572.9
67.5°	1815.9	2807.9	6239.3	9676.0	13107.3	16538.6	18294.9	20056.7	21813.0	23574.7	24713.1
70°	1338.9	2000.2	4336.6	6672.9	9003.8	11340.2	12950.1	14560.1	16164.6	17774.6	18956.3
72.5°	926.9	1279.3	2677.8	4081.8	5480.4	6878.9	8510.5	10142.2	11768.4	13400.0	14744.4
75°	634.2	786.0	1441.9	2097.8	2753.7	3409.6	4645.6	5881.5	7117.4	8353.3	9063.5
77.5°	471.6	552.9	748.1	948.6	1143.8	1338.9	1577.4	1815.9	2054.5	2293.0	2601.9
80°	260.2	260.2	287.3	309.0	336.1	357.8	422.8	493.3	558.3	628.8	715.5
82.5°	119.3	124.7	135.5	146.4	151.8	162.6	173.5	184.3	195.1	206.0	206.0
85°	32.5	37.9	37.9	32.5	32.5	27.1	27.1	32.5	32.5	32.5	32.5
87.5°	5.4	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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	65.0	59.6	59.6	59.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
5°	75.9	75.9	75.9	75.9	70.5	70.5	70.5	70.5	70.5	65.0	65.0
7.5°	92.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	81.3	81.3
10°	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4	103.0	103.0
12.5°	135.5	135.5	135.5	135.5	140.9	140.9	135.5	135.5	135.5	130.1	130.1
15°	178.9	184.3	189.7	189.7	195.1	195.1	195.1	189.7	189.7	184.3	178.9
17.5°	303.6	319.8	341.5	363.2	384.9	401.1	401.1	390.3	379.5	368.6	357.8
20°	807.7	889.0	975.7	1062.5	1154.6	1219.7	1176.3	1143.8	1111.2	1073.3	1040.8
22.5°	2141.2	2368.9	2601.9	2764.6	2927.2	3041.0	2948.9	2770.0	2591.1	2417.6	2238.8
25°	3995.1	4412.5	4835.3	5008.8	5187.6	5317.7	5258.1	4987.1	4716.0	4450.4	4179.4
27.5°	5957.4	6542.8	7133.7	7285.5	7437.2	7551.1	7529.4	7177.0	6824.7	6472.3	6120.0
30°	7572.8	8114.8	8656.9	8808.7	8960.5	9063.5	8949.6	8597.3	8244.9	7892.6	7540.2
32.5°	8906.3	9480.8	10060.9	10261.4	10462.0	10597.5	10462.0	10039.2	9616.4	9199.0	8776.2
35°	10277.7	10977.0	11681.7	11936.4	12191.2	12353.8	12126.2	11605.8	11085.4	10570.4	10050.0
37.5°	11795.5	12646.6	13503.0	13850.0	14202.3	14446.2	14272.8	13622.3	12966.4	12315.9	11660.0
40°	13871.6	14972.0	16077.9	16701.3	17319.2	17758.3	17449.3	16695.8	15936.9	15183.5	14424.6
42.5°	17752.9	19444.1	21135.4	22029.8	22918.8	23563.9	23217.0	22290.0	21363.1	20436.1	19509.2
45°	23748.2	25911.1	28079.4	29385.8	30697.6	31662.5	31261.3	30095.9	28925.0	27759.5	26594.1
47.5°	30020.0	32600.2	35180.5	36221.3	37267.5	38080.6	37983.0	36530.3	35077.5	33630.2	32177.4
50°	34573.4	37137.4	39701.4	40595.8	41495.7	42162.4	41913.1	40064.6	38210.7	36362.2	34508.3
52.5°	36091.2	38568.5	41051.2	42119.0	43186.9	43983.8	43680.2	41598.6	39517.1	37441.0	35359.4
55°	36795.9	39370.7	41945.6	43246.5	44552.9	45507.0	45067.9	42785.8	40498.2	38216.1	35928.6
57.5°	37674.0	40433.2	43192.3	44618.0	46043.6	47073.6	46488.1	44124.7	41761.3	39403.3	37039.8
60°	38335.4	41083.7	43837.4	44981.2	46130.4	46932.6	46368.9	44070.5	41766.7	39468.3	37169.9
62.5°	36871.8	38985.9	41099.9	41951.0	42802.0	43420.0	43100.2	40921.1	38741.9	36562.8	34383.7
65°	32041.9	33505.5	34974.5	35549.1	36118.3	36557.4	36459.8	34622.2	32784.5	30952.3	29114.7
67.5°	25856.9	26995.2	28139.0	28952.1	29770.6	30404.9	30334.4	28659.4	26984.4	25309.4	23634.4
70°	20143.4	21325.1	22506.9	23531.4	24561.3	25358.2	25255.2	23699.4	22138.2	20582.5	19021.3
72.5°	16094.1	17438.5	18782.8	19368.3	19953.7	20365.7	20062.1	18885.8	17704.1	16527.8	15346.1
75°	9773.6	10478.3	11188.4	11183.0	11183.0	11117.9	10814.3	10142.2	9470.0	8797.8	8125.7
77.5°	2910.9	3219.9	3528.9	3827.0	4130.6	4358.3	4298.6	3946.3	3588.5	3236.2	2878.4
80°	802.3	883.6	970.3	1008.3	1046.2	1095.0	1219.7	1132.9	1046.2	964.9	878.2
82.5°	206.0	206.0	206.0	200.6	195.1	184.3	168.0	157.2	146.4	135.5	124.7
85°	32.5	27.1	27.1	27.1	21.7	21.7	21.7	21.7	16.3	16.3	10.8
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2.5°	54.2	54.2	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	43.4
5°	65.0	65.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	54.2
7.5°	81.3	81.3	75.9	75.9	75.9	75.9	70.5	70.5	70.5	70.5	65.0
10°	103.0	97.6	97.6	92.2	92.2	92.2	86.7	86.7	86.7	81.3	81.3
12.5°	130.1	124.7	124.7	119.3	113.8	113.8	108.4	103.0	97.6	97.6	92.2
15°	173.5	168.0	162.6	157.2	151.8	140.9	135.5	124.7	119.3	113.8	108.4
17.5°	330.7	303.6	276.5	249.4	227.7	206.0	184.3	162.6	151.8	140.9	130.1
20°	921.5	796.8	677.6	558.3	482.4	406.6	330.7	254.8	222.2	195.1	162.6
22.5°	1994.8	1745.5	1501.5	1252.2	1051.6	856.5	655.9	455.3	379.5	309.0	233.1
25°	3707.8	3230.8	2759.1	2282.1	1902.7	1523.2	1143.8	764.3	623.4	482.4	341.5
27.5°	5502.0	4884.1	4266.1	3648.1	3046.4	2439.3	1832.2	1230.5	986.6	748.1	504.1
30°	6884.3	6228.4	5577.9	4922.0	4163.1	3404.2	2639.9	1881.0	1496.1	1111.2	721.0
32.5°	8071.5	7361.3	6656.7	5946.5	5068.4	4190.2	3312.1	2433.9	1951.5	1469.0	981.2
35°	9247.8	8440.1	7637.8	6830.1	5886.9	4943.7	4000.5	3057.3	2444.7	1832.2	1214.2
37.5°	10678.8	9692.3	8711.1	7730.0	6759.6	5794.8	4824.4	3854.1	3073.6	2298.4	1517.8
40°	13172.4	11914.8	10662.6	9405.0	8272.0	7144.5	6011.6	4878.7	3897.5	2916.4	1929.8
42.5°	17931.8	16354.3	14782.3	13204.9	11638.3	10071.7	8499.7	6933.1	5534.6	4141.4	2742.9
45°	24572.1	22550.2	20533.7	18511.8	16582.0	14657.6	12727.9	10798.1	8673.2	6548.2	4417.9
47.5°	29965.8	27748.7	25537.0	23320.0	21178.8	19043.0	16901.8	14760.6	12039.4	9323.6	6602.4
50°	32399.7	30285.6	28176.9	26062.8	23916.2	21764.2	19612.2	17465.6	14343.2	11226.3	8104.0
52.5°	33218.2	31071.6	28930.4	26783.8	24653.5	22523.1	20392.8	18262.4	15015.4	11773.8	8526.8
55°	33668.1	31402.3	29141.8	26876.0	24583.0	22284.6	19986.2	17693.2	14462.5	11237.2	8006.4
57.5°	34578.8	32112.4	29651.4	27184.9	24572.1	21959.4	19341.1	16728.4	13541.0	10353.6	7166.2
60°	34746.9	32318.4	29895.3	27472.2	24583.0	21693.7	18799.1	15909.8	12744.1	9583.8	6418.1
62.5°	32356.3	30329.0	28307.0	26279.7	23385.0	20490.3	17590.3	14695.6	11665.4	8635.2	5599.6
65°	27363.8	25612.9	23867.5	22116.6	19753.1	17395.1	15031.7	12668.2	9963.3	7263.8	4558.8
67.5°	21921.4	20208.5	18500.9	16788.0	15010.0	13237.4	11459.4	9681.4	7594.4	5507.5	3420.5
70°	17378.8	15730.9	14088.5	12440.6	10868.6	9291.1	7713.7	6141.7	4846.1	3556.0	2260.4
72.5°	13774.1	12196.6	10624.6	9047.2	7621.5	6195.9	4770.2	3344.6	2699.5	2059.9	1414.8
75°	7307.1	6488.6	5675.5	4857.0	4054.7	3247.0	2439.3	1637.1	1382.3	1127.5	867.3
77.5°	2520.6	2162.9	1810.5	1452.8	1208.8	964.9	721.0	477.0	449.9	428.2	401.1
80°	764.3	650.5	536.7	422.8	374.0	325.2	276.5	227.7	211.4	195.1	173.5
82.5°	119.3	108.4	103.0	92.2	86.7	86.7	81.3	75.9	65.0	59.6	48.8
85°	10.8	5.4	5.4	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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: P1067715

CATALOG NUMBER: NAV-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	48.8	48.8
2.5°	43.4	43.4
5°	54.2	54.2
7.5°	65.0	65.0
10°	75.9	75.9
12.5°	86.7	86.7
15°	103.0	97.6
17.5°	119.3	113.8
20°	130.1	119.3
22.5°	157.2	135.5
25°	200.6	168.0
27.5°	260.2	206.0
30°	336.1	260.2
32.5°	498.7	363.2
35°	601.7	439.1
37.5°	737.2	509.5
40°	948.6	618.0
42.5°	1344.3	840.2
45°	2293.0	1393.1
47.5°	3886.7	2374.3
50°	4981.6	3046.4
52.5°	5285.2	3230.8
55°	4781.1	2965.1
57.5°	3978.8	2520.6
60°	3257.9	2076.1
62.5°	2569.4	1642.5
65°	1853.9	1241.3
67.5°	1333.5	954.0
70°	970.3	748.1
72.5°	769.7	623.4
75°	612.5	520.4
77.5°	379.5	346.9
80°	157.2	146.4
82.5°	37.9	32.5
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: P1067715

CATALOG NUMBER: NAV-SA4C-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

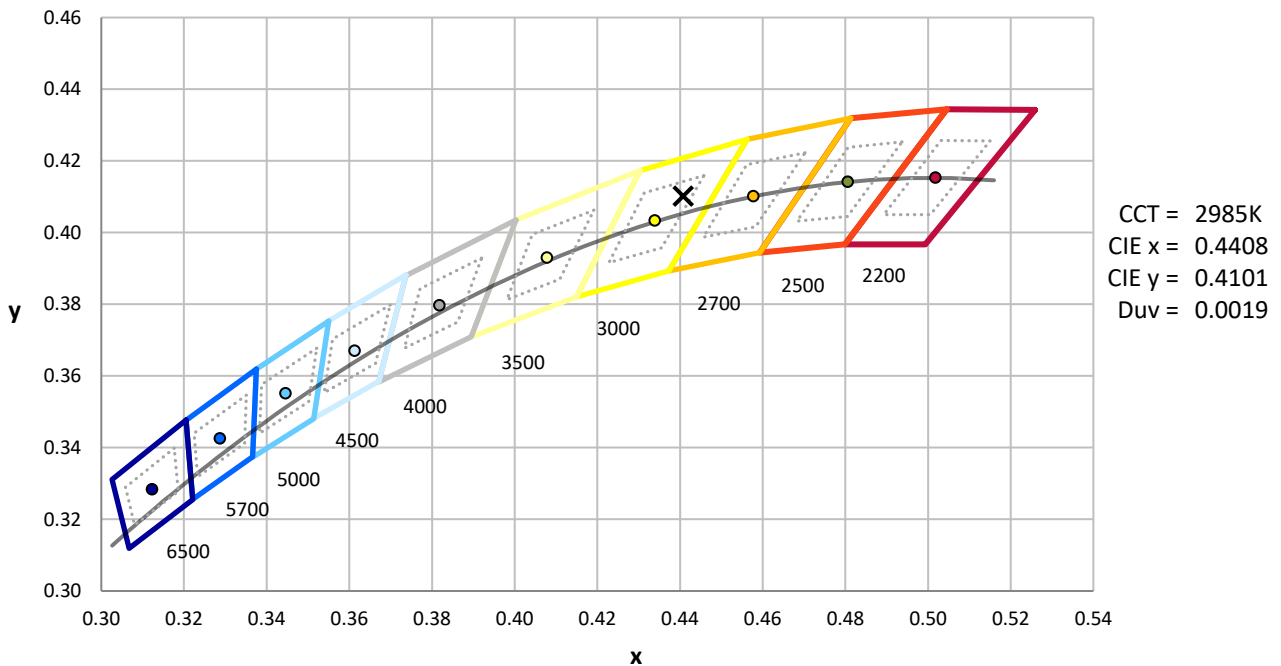
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



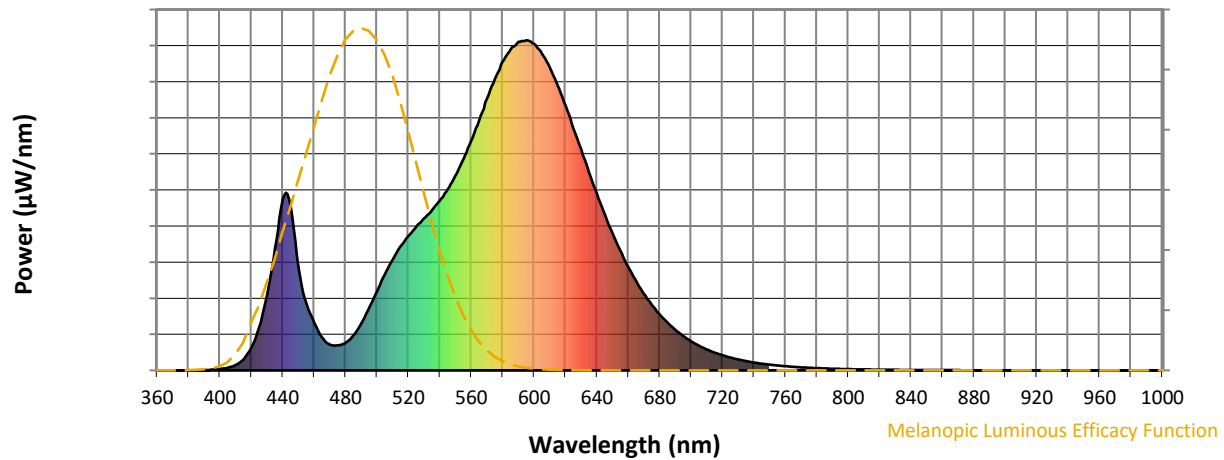
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics

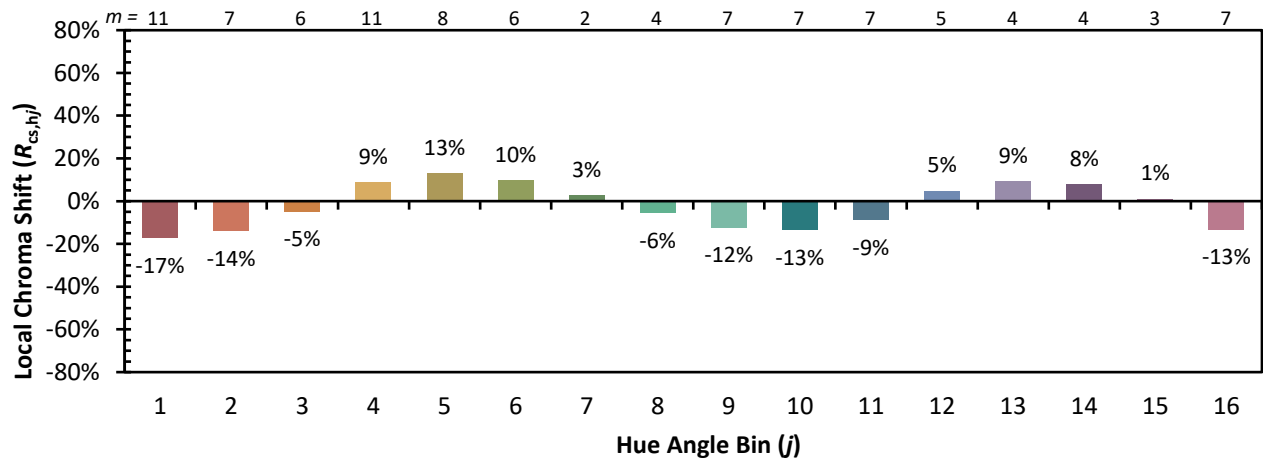


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)