

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: P1067720

Luminaire Tested: **NAV-SA5D-730-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067720
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5D-730-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23942.1 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

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

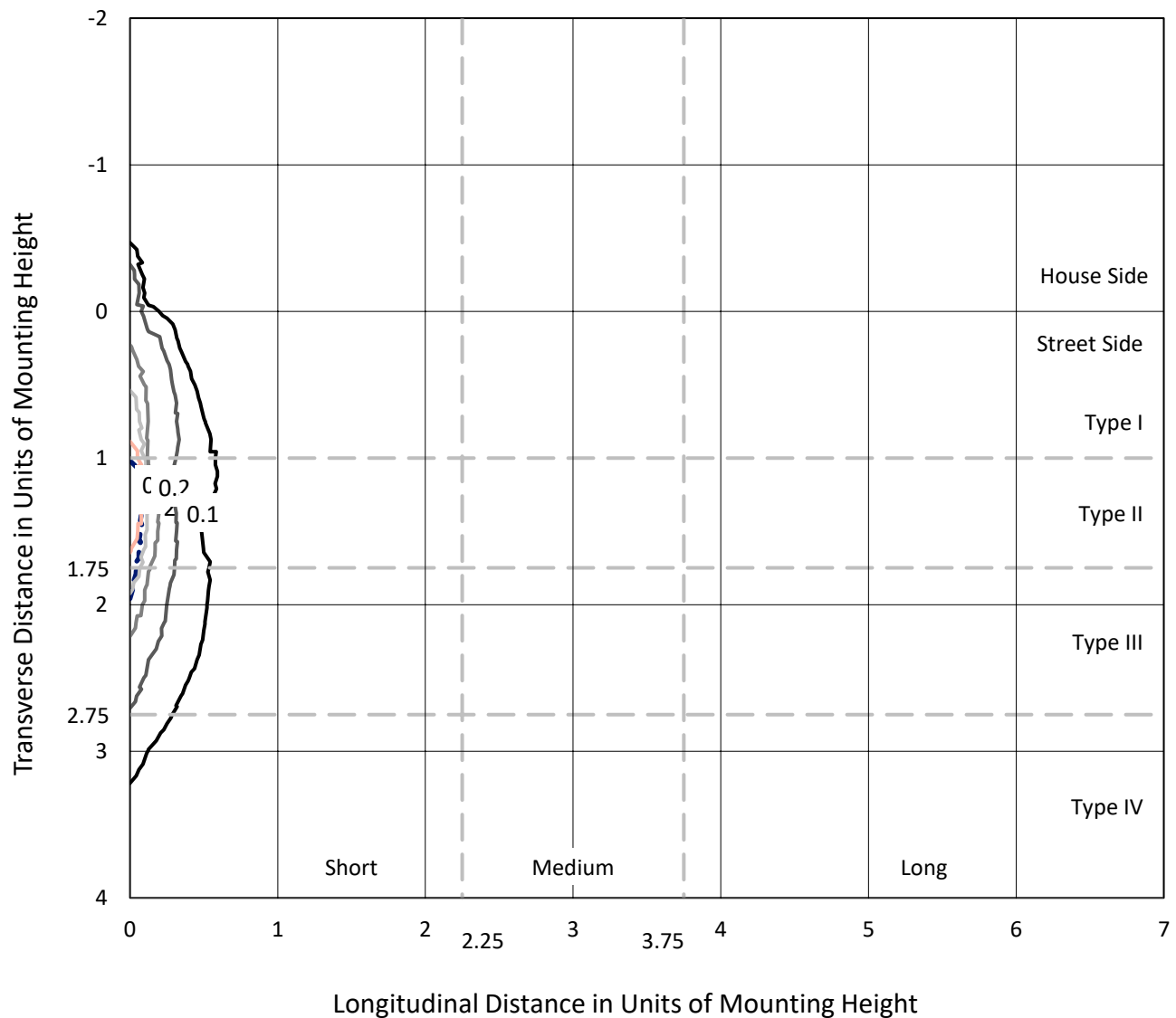


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

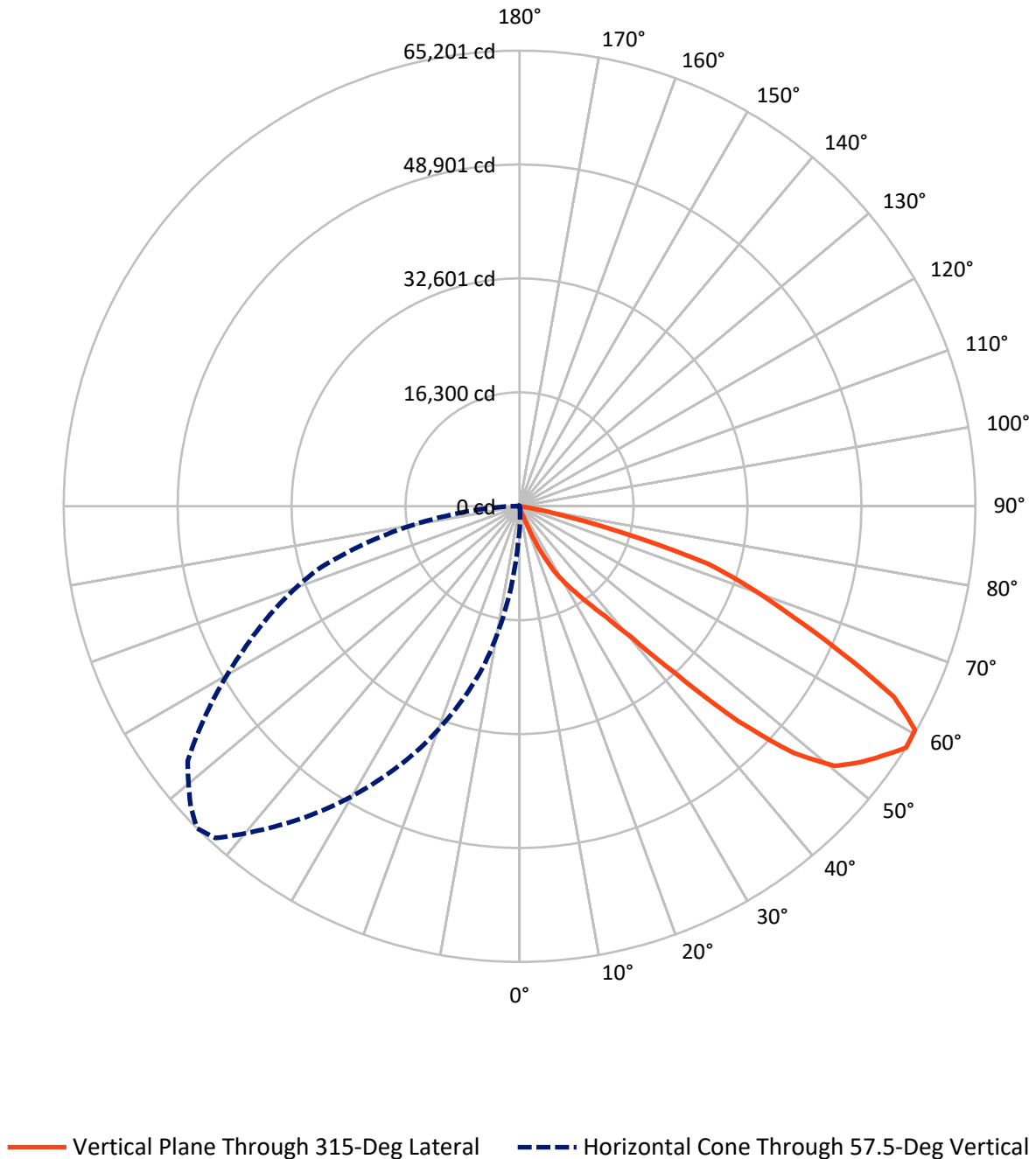


Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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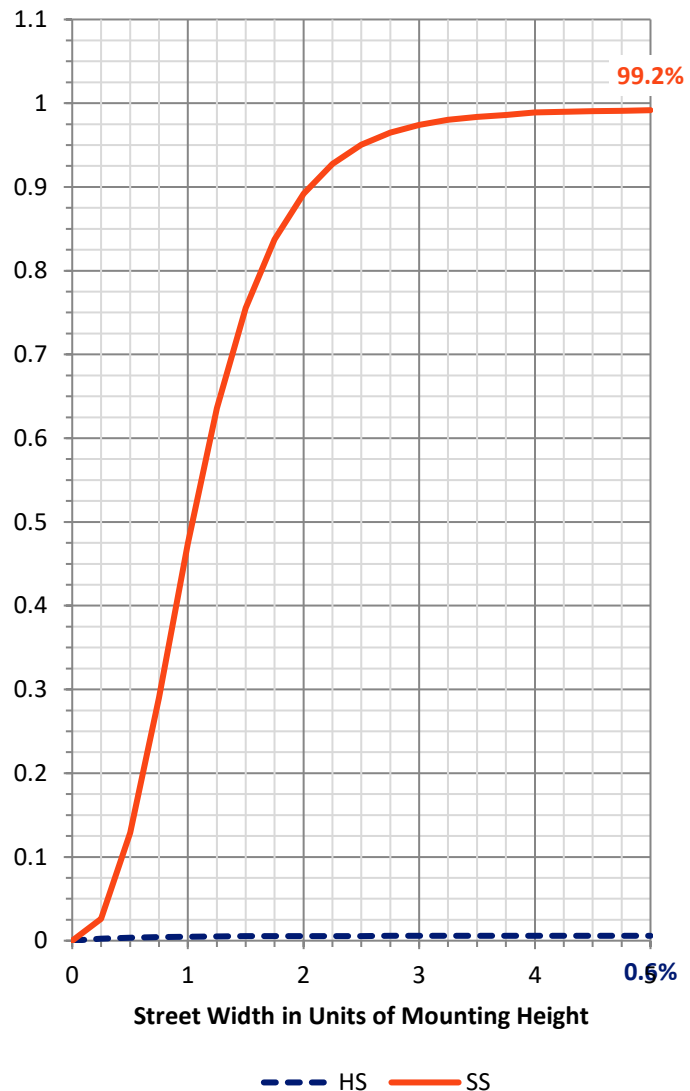
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	142.4	0.0	142.4
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	23799.6	0.0	23799.6
	% Fixture	99.4	0.0	99.4
Total	Lumens	23942.0	0.0	23942.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.0
10°-20°	35.1	0.1
20°-30°	446.9	1.9
30°-40°	1506.0	6.3
40°-50°	4548.2	19.0
50°-60°	8024.6	33.5
60°-70°	7069.6	29.5
70°-80°	2250.4	9.4
80°-90°	54.2	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°	23942.0	100.0
0°-180°	23942.1	100.0



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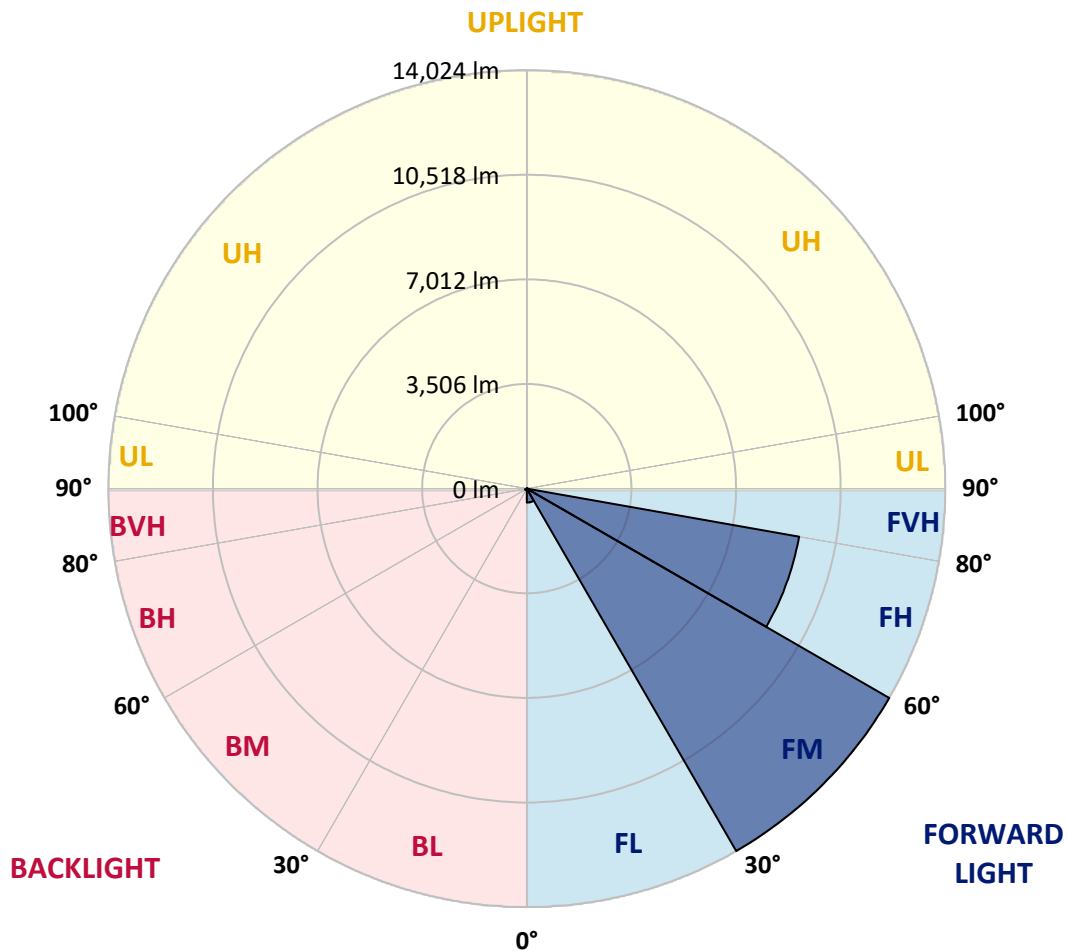
CATALOG NUMBER: NAV-SA5D-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	467.7	2.0			
FM	(30°-60°)	14023.7	58.6			
FH	(60°-80°)	9264.3	38.7			G4/12000
FVH	(80°-90°)	44.1	0.2			G1/100
BL	(0°-30°)	21.3	0.1	B0/110		
BM	(30°-60°)	55.2	0.2	B0/220		
BH	(60°-80°)	55.8	0.2	B0/110		G0/110
BVH	(80°-90°)	10.1	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	52.6
5°	75.1	75.1	75.1	67.6	67.6	67.6	60.1	60.1	60.1	60.1	60.1
7.5°	90.1	82.6	82.6	75.1	75.1	75.1	67.6	67.6	67.6	67.6	60.1
10°	105.1	97.6	97.6	90.1	90.1	82.6	82.6	75.1	75.1	67.6	67.6
12.5°	120.1	112.6	105.1	97.6	97.6	90.1	90.1	82.6	82.6	75.1	75.1
15°	135.1	127.6	120.1	112.6	105.1	105.1	97.6	90.1	82.6	82.6	75.1
17.5°	157.7	142.7	135.1	120.1	112.6	105.1	97.6	90.1	90.1	82.6	82.6
20°	165.2	150.2	142.7	127.6	120.1	112.6	105.1	97.6	90.1	90.1	82.6
22.5°	195.2	165.2	157.7	142.7	135.1	127.6	112.6	105.1	97.6	90.1	82.6
25°	240.3	195.2	172.7	150.2	142.7	127.6	120.1	105.1	97.6	90.1	82.6
27.5°	292.8	217.7	195.2	165.2	150.2	135.1	120.1	105.1	97.6	90.1	82.6
30°	360.4	255.3	217.7	180.2	165.2	150.2	127.6	112.6	105.1	97.6	82.6
32.5°	503.1	315.3	255.3	195.2	172.7	157.7	135.1	112.6	105.1	97.6	82.6
35°	608.2	382.9	307.8	225.2	195.2	172.7	142.7	112.6	105.1	97.6	82.6
37.5°	705.8	390.4	315.3	240.3	210.2	180.2	142.7	112.6	105.1	97.6	82.6
40°	863.4	405.4	315.3	225.2	202.7	172.7	150.2	120.1	112.6	97.6	90.1
42.5°	1163.8	465.5	337.9	210.2	187.7	172.7	150.2	127.6	112.6	105.1	90.1
45°	1937.1	690.8	458.0	217.7	195.2	172.7	150.2	127.6	120.1	105.1	97.6
47.5°	3296.1	1201.3	713.3	225.2	202.7	172.7	150.2	120.1	112.6	105.1	90.1
50°	4219.6	1539.2	901.0	262.8	225.2	195.2	157.7	120.1	112.6	105.1	97.6
52.5°	4482.4	1636.8	976.1	307.8	262.8	217.7	165.2	120.1	112.6	112.6	105.1
55°	4107.0	1591.7	976.1	360.4	300.3	247.8	187.7	127.6	120.1	120.1	112.6
57.5°	3491.3	1471.6	931.0	390.4	330.4	262.8	202.7	135.1	127.6	127.6	120.1
60°	2875.6	1238.9	840.9	435.5	367.9	300.3	232.8	165.2	157.7	150.2	135.1
62.5°	2282.5	998.6	735.8	465.5	397.9	322.9	255.3	180.2	172.7	165.2	157.7
65°	1719.4	871.0	683.2	488.0	413.0	337.9	262.8	187.7	180.2	180.2	172.7
67.5°	1321.4	795.9	653.2	503.1	428.0	352.9	277.8	202.7	195.2	187.7	180.2
70°	1043.6	735.8	615.7	495.5	428.0	360.4	285.3	217.7	202.7	195.2	180.2
72.5°	871.0	668.2	570.6	473.0	420.5	367.9	315.3	262.8	232.8	210.2	180.2
75°	728.3	600.7	518.1	428.0	390.4	360.4	322.9	285.3	247.8	210.2	172.7
77.5°	480.5	435.5	397.9	360.4	337.9	315.3	285.3	262.8	225.2	195.2	157.7
80°	202.7	187.7	195.2	195.2	195.2	195.2	187.7	187.7	165.2	142.7	112.6
82.5°	45.0	37.5	45.0	45.0	45.0	45.0	37.5	37.5	37.5	30.0	30.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
5°	60.1	60.1	60.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
7.5°	60.1	60.1	60.1	52.6	52.6	52.6	52.6	45.0	45.0	45.0	45.0
10°	60.1	60.1	60.1	52.6	52.6	52.6	52.6	45.0	45.0	45.0	45.0
12.5°	67.6	67.6	60.1	60.1	52.6	52.6	52.6	45.0	45.0	45.0	45.0
15°	67.6	67.6	60.1	60.1	52.6	52.6	52.6	45.0	45.0	45.0	45.0
17.5°	75.1	67.6	67.6	60.1	52.6	52.6	52.6	45.0	45.0	45.0	45.0
20°	75.1	67.6	67.6	60.1	52.6	52.6	52.6	45.0	45.0	45.0	45.0
22.5°	75.1	67.6	67.6	60.1	52.6	52.6	45.0	45.0	37.5	37.5	30.0
25°	75.1	67.6	67.6	60.1	52.6	52.6	45.0	45.0	37.5	30.0	30.0
27.5°	75.1	67.6	67.6	60.1	52.6	45.0	45.0	37.5	30.0	22.5	22.5
30°	75.1	67.6	67.6	60.1	52.6	45.0	37.5	30.0	22.5	22.5	15.0
32.5°	75.1	67.6	60.1	52.6	45.0	37.5	37.5	30.0	22.5	15.0	15.0
35°	75.1	67.6	60.1	52.6	45.0	37.5	37.5	30.0	22.5	15.0	15.0
37.5°	75.1	67.6	60.1	52.6	45.0	37.5	30.0	22.5	15.0	15.0	7.5
40°	75.1	67.6	60.1	52.6	45.0	37.5	30.0	22.5	15.0	15.0	7.5
42.5°	75.1	67.6	60.1	52.6	45.0	37.5	30.0	22.5	15.0	15.0	7.5
45°	82.6	75.1	67.6	52.6	45.0	37.5	37.5	30.0	22.5	15.0	15.0
47.5°	82.6	75.1	67.6	52.6	45.0	37.5	37.5	30.0	22.5	15.0	15.0
50°	90.1	82.6	75.1	60.1	52.6	45.0	37.5	22.5	15.0	15.0	7.5
52.5°	97.6	90.1	82.6	75.1	67.6	52.6	37.5	22.5	7.5	7.5	7.5
55°	105.1	97.6	97.6	90.1	82.6	60.1	45.0	22.5	0.0	0.0	0.0
57.5°	112.6	105.1	105.1	97.6	90.1	67.6	45.0	22.5	0.0	0.0	0.0
60°	127.6	120.1	112.6	97.6	90.1	67.6	45.0	22.5	0.0	0.0	0.0
62.5°	150.2	135.1	112.6	97.6	75.1	60.1	37.5	22.5	0.0	0.0	0.0
65°	165.2	142.7	120.1	90.1	67.6	52.6	37.5	15.0	0.0	0.0	0.0
67.5°	172.7	142.7	120.1	90.1	60.1	45.0	30.0	15.0	0.0	0.0	0.0
70°	165.2	135.1	112.6	82.6	52.6	37.5	30.0	15.0	0.0	0.0	0.0
72.5°	150.2	127.6	97.6	75.1	45.0	37.5	22.5	15.0	0.0	0.0	0.0
75°	135.1	112.6	82.6	60.1	30.0	22.5	15.0	7.5	0.0	0.0	0.0
77.5°	120.1	97.6	67.6	45.0	15.0	15.0	7.5	7.5	0.0	0.0	0.0
80°	90.1	67.6	45.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	22.5	15.0	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
5°	45.0	45.0	45.0	45.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5
7.5°	45.0	45.0	45.0	45.0	37.5	37.5	37.5	37.5	30.0	30.0	30.0
10°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	30.0	30.0	30.0
12.5°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	30.0	30.0	30.0
15°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	30.0	30.0	22.5	22.5
17.5°	37.5	37.5	37.5	37.5	30.0	30.0	30.0	22.5	22.5	15.0	15.0
20°	37.5	37.5	37.5	30.0	30.0	22.5	22.5	15.0	15.0	7.5	7.5
22.5°	30.0	22.5	22.5	15.0	15.0	7.5	7.5	7.5	0.0	0.0	0.0
25°	22.5	15.0	15.0	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	15.0	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	15.0	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	45.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
5°	37.5	37.5	37.5	37.5	30.0	30.0	30.0	30.0	30.0	30.0	30.0
7.5°	30.0	30.0	30.0	30.0	30.0	30.0	22.5	22.5	22.5	22.5	22.5
10°	30.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	15.0	15.0
12.5°	30.0	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0	7.5	7.5
15°	22.5	15.0	15.0	15.0	7.5	7.5	7.5	7.5	7.5	0.0	0.0
17.5°	15.0	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	45.0	45.0
5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
7.5°	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
10°	15.0	15.0	15.0	15.0	15.0	15.0	7.5	7.5	7.5	7.5	7.5
12.5°	7.5	7.5	7.5	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	45.0	45.0	45.0	45.0	45.0	52.6	52.6	60.1	60.1	67.6	67.6
5°	30.0	30.0	37.5	37.5	37.5	37.5	45.0	45.0	45.0	52.6	52.6
7.5°	22.5	22.5	22.5	22.5	22.5	30.0	30.0	37.5	37.5	45.0	45.0
10°	7.5	7.5	15.0	15.0	15.0	15.0	22.5	22.5	22.5	30.0	37.5
12.5°	0.0	0.0	7.5	7.5	7.5	7.5	15.0	15.0	15.0	22.5	30.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	15.0	22.5
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	15.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	75.1	75.1	82.6	82.6	90.1	90.1	97.6	97.6	97.6	97.6	97.6
5°	60.1	60.1	67.6	75.1	75.1	82.6	90.1	90.1	90.1	90.1	90.1
7.5°	52.6	52.6	60.1	67.6	67.6	75.1	82.6	82.6	90.1	90.1	90.1
10°	37.5	45.0	52.6	60.1	60.1	67.6	75.1	75.1	82.6	82.6	82.6
12.5°	30.0	37.5	45.0	52.6	52.6	60.1	67.6	67.6	75.1	75.1	82.6
15°	22.5	30.0	37.5	45.0	45.0	52.6	60.1	60.1	67.6	75.1	82.6
17.5°	15.0	22.5	30.0	37.5	37.5	45.0	52.6	60.1	67.6	67.6	75.1
20°	15.0	15.0	22.5	30.0	30.0	37.5	45.0	52.6	60.1	60.1	67.6
22.5°	7.5	7.5	15.0	22.5	22.5	30.0	37.5	45.0	52.6	52.6	60.1
25°	0.0	0.0	7.5	15.0	15.0	22.5	30.0	30.0	37.5	37.5	45.0
27.5°	0.0	0.0	7.5	7.5	15.0	15.0	22.5	22.5	30.0	30.0	37.5
30°	0.0	0.0	7.5	7.5	15.0	15.0	22.5	22.5	30.0	30.0	30.0
32.5°	0.0	0.0	0.0	7.5	7.5	7.5	15.0	15.0	22.5	22.5	30.0
35°	0.0	0.0	0.0	7.5	7.5	7.5	15.0	15.0	22.5	22.5	22.5
37.5°	0.0	0.0	0.0	7.5	7.5	7.5	15.0	15.0	15.0	15.0	22.5
40°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
55°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	15.0	15.0	15.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	15.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	97.6	97.6
5°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	90.1	90.1
7.5°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	90.1	90.1
10°	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
12.5°	82.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
15°	82.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
17.5°	75.1	82.6	82.6	82.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1
20°	67.6	75.1	75.1	75.1	82.6	82.6	82.6	82.6	90.1	90.1	90.1
22.5°	60.1	67.6	67.6	67.6	75.1	75.1	75.1	75.1	82.6	82.6	82.6
25°	52.6	52.6	60.1	60.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6
27.5°	37.5	45.0	45.0	45.0	52.6	52.6	52.6	52.6	60.1	60.1	60.1
30°	37.5	37.5	37.5	37.5	45.0	45.0	45.0	45.0	52.6	52.6	52.6
32.5°	30.0	37.5	37.5	37.5	45.0	45.0	45.0	45.0	52.6	52.6	52.6
35°	30.0	30.0	30.0	30.0	37.5	37.5	37.5	37.5	45.0	45.0	45.0
37.5°	22.5	30.0	30.0	30.0	37.5	37.5	37.5	37.5	45.0	45.0	45.0
40°	22.5	22.5	22.5	22.5	30.0	30.0	30.0	30.0	37.5	37.5	37.5
42.5°	22.5	22.5	22.5	22.5	30.0	30.0	30.0	30.0	37.5	37.5	37.5
45°	22.5	22.5	22.5	22.5	30.0	30.0	30.0	30.0	37.5	37.5	37.5
47.5°	22.5	22.5	22.5	22.5	30.0	30.0	30.0	30.0	37.5	37.5	37.5
50°	22.5	22.5	22.5	22.5	30.0	30.0	30.0	30.0	37.5	37.5	37.5
52.5°	15.0	15.0	15.0	15.0	22.5	22.5	22.5	22.5	30.0	30.0	30.0
55°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	22.5	22.5	22.5
57.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	22.5	22.5	22.5
60°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
62.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
65°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	7.5	7.5
67.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
70°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
72.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
75°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
77.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
80°	22.5	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0	15.0
82.5°	15.0	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0	15.0
85°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
87.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
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: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	97.6	97.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	97.6	97.6
5°	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	97.6	97.6
7.5°	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	97.6	97.6
10°	90.1	90.1	90.1	90.1	82.6	82.6	90.1	90.1	90.1	97.6	97.6
12.5°	90.1	90.1	90.1	90.1	82.6	82.6	90.1	90.1	97.6	97.6	105.1
15°	90.1	90.1	82.6	82.6	82.6	82.6	90.1	90.1	97.6	97.6	105.1
17.5°	90.1	90.1	82.6	82.6	82.6	82.6	90.1	90.1	97.6	97.6	105.1
20°	90.1	90.1	82.6	82.6	82.6	82.6	82.6	82.6	90.1	97.6	97.6
22.5°	82.6	82.6	82.6	82.6	75.1	75.1	82.6	82.6	90.1	97.6	97.6
25°	67.6	75.1	75.1	75.1	75.1	75.1	82.6	82.6	90.1	97.6	97.6
27.5°	60.1	67.6	67.6	67.6	67.6	75.1	75.1	82.6	90.1	97.6	97.6
30°	52.6	60.1	60.1	60.1	67.6	75.1	75.1	82.6	90.1	97.6	97.6
32.5°	52.6	60.1	60.1	60.1	67.6	67.6	75.1	75.1	82.6	90.1	97.6
35°	52.6	52.6	60.1	60.1	60.1	67.6	67.6	75.1	82.6	90.1	97.6
37.5°	52.6	52.6	60.1	60.1	60.1	67.6	67.6	75.1	82.6	90.1	97.6
40°	45.0	52.6	52.6	60.1	60.1	67.6	67.6	75.1	82.6	97.6	105.1
42.5°	45.0	45.0	52.6	52.6	60.1	67.6	67.6	75.1	82.6	97.6	105.1
45°	45.0	52.6	52.6	60.1	67.6	75.1	75.1	82.6	90.1	97.6	105.1
47.5°	45.0	52.6	52.6	60.1	75.1	75.1	82.6	82.6	90.1	97.6	105.1
50°	45.0	52.6	52.6	60.1	82.6	82.6	82.6	82.6	90.1	97.6	105.1
52.5°	37.5	45.0	45.0	52.6	67.6	75.1	82.6	90.1	97.6	105.1	112.6
55°	30.0	37.5	37.5	45.0	60.1	67.6	82.6	97.6	105.1	112.6	120.1
57.5°	30.0	30.0	37.5	37.5	52.6	67.6	90.1	105.1	112.6	120.1	127.6
60°	22.5	22.5	30.0	30.0	45.0	60.1	82.6	105.1	112.6	127.6	135.1
62.5°	15.0	22.5	22.5	30.0	37.5	60.1	82.6	105.1	120.1	135.1	142.7
65°	15.0	15.0	22.5	22.5	37.5	52.6	75.1	90.1	112.6	135.1	157.7
67.5°	22.5	22.5	30.0	30.0	37.5	52.6	75.1	90.1	112.6	142.7	165.2
70°	22.5	22.5	30.0	30.0	45.0	60.1	75.1	90.1	112.6	142.7	165.2
72.5°	22.5	22.5	30.0	30.0	45.0	52.6	67.6	82.6	105.1	127.6	150.2
75°	15.0	22.5	22.5	22.5	37.5	45.0	60.1	75.1	97.6	120.1	142.7
77.5°	15.0	15.0	15.0	15.0	30.0	37.5	52.6	60.1	82.6	105.1	127.6
80°	15.0	15.0	15.0	15.0	22.5	30.0	45.0	52.6	75.1	97.6	120.1
82.5°	15.0	15.0	7.5	7.5	15.0	22.5	30.0	37.5	60.1	75.1	97.6
85°	15.0	15.0	7.5	7.5	7.5	15.0	15.0	22.5	30.0	37.5	45.0
87.5°	15.0	15.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	97.6	97.6	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
5°	97.6	105.1	105.1	112.6	112.6	112.6	120.1	120.1	120.1	120.1	120.1
7.5°	97.6	105.1	105.1	112.6	112.6	112.6	120.1	120.1	120.1	127.6	127.6
10°	97.6	105.1	105.1	112.6	112.6	120.1	127.6	127.6	135.1	135.1	135.1
12.5°	105.1	112.6	112.6	120.1	120.1	127.6	135.1	135.1	142.7	150.2	150.2
15°	105.1	112.6	120.1	120.1	127.6	135.1	142.7	142.7	150.2	157.7	165.2
17.5°	105.1	112.6	120.1	120.1	127.6	135.1	150.2	157.7	165.2	180.2	187.7
20°	105.1	112.6	120.1	120.1	127.6	142.7	150.2	165.2	172.7	187.7	202.7
22.5°	105.1	112.6	120.1	127.6	135.1	150.2	165.2	172.7	187.7	210.2	225.2
25°	105.1	112.6	120.1	127.6	135.1	150.2	165.2	180.2	195.2	225.2	255.3
27.5°	105.1	112.6	127.6	135.1	142.7	157.7	180.2	195.2	210.2	262.8	315.3
30°	105.1	112.6	127.6	135.1	142.7	165.2	187.7	202.7	225.2	315.3	397.9
32.5°	105.1	120.1	127.6	142.7	150.2	172.7	202.7	225.2	247.8	375.4	495.5
35°	105.1	120.1	127.6	142.7	150.2	180.2	210.2	240.3	270.3	458.0	645.7
37.5°	105.1	120.1	127.6	142.7	150.2	195.2	240.3	285.3	330.4	525.6	720.8
40°	112.6	127.6	135.1	150.2	157.7	202.7	247.8	292.8	337.9	533.1	728.3
42.5°	112.6	127.6	135.1	150.2	157.7	195.2	240.3	277.8	315.3	533.1	750.8
45°	112.6	127.6	142.7	150.2	165.2	202.7	240.3	270.3	307.8	585.6	855.9
47.5°	112.6	127.6	142.7	150.2	165.2	202.7	240.3	277.8	315.3	773.3	1223.8
50°	112.6	127.6	142.7	150.2	165.2	210.2	255.3	300.3	345.4	1156.3	1967.2
52.5°	120.1	127.6	142.7	150.2	157.7	210.2	262.8	315.3	367.9	1501.6	2627.9
55°	127.6	135.1	142.7	150.2	157.7	225.2	292.8	360.4	428.0	1614.3	2793.1
57.5°	135.1	142.7	150.2	150.2	157.7	240.3	330.4	413.0	495.5	1606.8	2710.5
60°	142.7	150.2	157.7	165.2	172.7	255.3	345.4	428.0	510.6	1456.6	2402.6
62.5°	157.7	172.7	187.7	195.2	210.2	292.8	367.9	450.5	525.6	1193.8	1854.5
65°	180.2	195.2	202.7	217.7	225.2	300.3	382.9	458.0	533.1	991.1	1441.6
67.5°	187.7	202.7	210.2	225.2	232.8	307.8	382.9	458.0	533.1	840.9	1141.2
70°	187.7	202.7	217.7	225.2	240.3	315.3	382.9	458.0	525.6	728.3	931.0
72.5°	172.7	195.2	210.2	232.8	247.8	315.3	375.4	443.0	503.1	645.7	788.4
75°	165.2	195.2	217.7	247.8	270.3	315.3	367.9	413.0	458.0	563.1	668.2
77.5°	150.2	187.7	225.2	262.8	300.3	330.4	352.9	382.9	405.4	473.0	540.6
80°	142.7	180.2	217.7	255.3	292.8	307.8	315.3	330.4	337.9	345.4	352.9
82.5°	112.6	142.7	172.7	195.2	225.2	210.2	202.7	187.7	172.7	165.2	157.7
85°	52.6	60.1	60.1	67.6	67.6	67.6	60.1	60.1	52.6	45.0	37.5
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	105.1	105.1	105.1	105.1	97.6	97.6	97.6	97.6	90.1	90.1	90.1
5°	120.1	120.1	120.1	120.1	112.6	112.6	112.6	112.6	105.1	105.1	105.1
7.5°	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
10°	142.7	142.7	142.7	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2
12.5°	157.7	157.7	165.2	165.2	172.7	172.7	180.2	180.2	187.7	187.7	187.7
15°	172.7	180.2	187.7	195.2	195.2	202.7	210.2	217.7	225.2	232.8	240.3
17.5°	202.7	210.2	225.2	240.3	255.3	270.3	292.8	322.9	345.4	367.9	397.9
20°	225.2	247.8	292.8	345.4	390.4	435.5	548.1	660.7	773.3	886.0	998.6
22.5°	270.3	315.3	465.5	623.2	773.3	923.5	1276.4	1629.3	1974.7	2327.5	2642.9
25°	360.4	458.0	803.4	1148.8	1486.6	1832.0	2462.7	3100.9	3731.6	4362.3	4947.9
27.5°	495.5	675.7	1238.9	1809.5	2372.6	2935.7	3851.7	4775.2	5691.2	6614.7	7433.1
30°	690.8	983.6	1824.5	2672.9	3513.8	4354.8	5511.0	6674.8	7831.1	8987.3	9738.2
32.5°	938.5	1374.0	2440.2	3506.3	4572.5	5638.7	6915.1	8191.5	9460.4	10736.8	11532.6
35°	1201.3	1756.9	3040.8	4332.2	5616.1	6907.6	8251.5	9595.5	10939.5	12283.4	13259.5
37.5°	1351.5	1982.2	3506.3	5030.5	6547.2	8071.3	9542.9	11022.1	12493.7	13965.3	15151.6
40°	1494.1	2252.5	4009.4	5766.3	7523.2	9280.2	10999.5	12718.9	14438.3	16157.7	17681.9
42.5°	1704.4	2657.9	4707.7	6757.4	8799.6	10849.4	13109.4	15376.8	17636.8	19896.8	22239.3
45°	2139.8	3423.7	6081.7	8739.6	11390.0	14047.9	17253.9	20467.4	23673.4	26886.9	29890.2
47.5°	3191.0	5150.6	8777.1	12403.6	16030.0	19656.5	23350.6	27044.6	30738.6	34432.7	38006.6
50°	4940.4	7906.2	12441.1	16976.1	21503.5	26038.5	29725.0	33411.6	37090.6	40777.1	44328.5
52.5°	6584.7	10541.5	15414.4	20294.7	25167.5	30047.9	33314.0	36580.0	39846.1	43112.2	46551.0
55°	7147.8	11495.1	16428.0	21368.4	26301.3	31241.7	34387.6	37541.1	40687.0	43833.0	47399.4
57.5°	6652.3	10594.1	15564.5	20535.0	25497.9	30468.4	33982.2	37503.6	41017.4	44538.8	48360.4
60°	5571.1	8732.1	13950.3	19176.0	24394.2	29612.4	33576.8	37541.1	41505.4	45469.8	49283.9
62.5°	4414.8	6967.6	12493.7	18019.7	23545.8	29071.8	33103.7	37143.2	41175.1	45207.0	48135.2
65°	3386.2	5330.8	10766.8	16210.2	21646.2	27089.7	30393.3	33704.4	37008.0	40319.1	42346.4
67.5°	2515.3	3889.3	8642.0	13402.2	18154.9	22907.6	25340.2	27780.4	30213.1	32653.2	34230.0
70°	1854.5	2770.5	6006.6	9242.6	12471.2	15707.2	17937.1	20167.1	22389.5	24619.4	26256.2
72.5°	1283.9	1771.9	3709.1	5653.7	7590.8	9527.9	11787.9	14047.9	16300.3	18560.3	20422.4
75°	878.5	1088.7	1997.2	2905.7	3814.2	4722.7	6434.5	8146.4	9858.3	11570.2	12553.7
77.5°	653.2	765.8	1036.1	1313.9	1584.2	1854.5	2184.9	2515.3	2845.6	3176.0	3603.9
80°	360.4	360.4	397.9	428.0	465.5	495.5	585.6	683.2	773.3	871.0	991.1
82.5°	165.2	172.7	187.7	202.7	210.2	225.2	240.3	255.3	270.3	285.3	285.3
85°	45.0	52.6	52.6	45.0	45.0	37.5	37.5	45.0	45.0	45.0	45.0
87.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	90.1	82.6	82.6	82.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1
5°	105.1	105.1	105.1	105.1	97.6	97.6	97.6	97.6	97.6	90.1	90.1
7.5°	127.6	120.1	120.1	120.1	120.1	120.1	120.1	120.1	120.1	112.6	112.6
10°	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2	142.7	142.7
12.5°	187.7	187.7	187.7	187.7	195.2	195.2	187.7	187.7	187.7	180.2	180.2
15°	247.8	255.3	262.8	262.8	270.3	270.3	270.3	262.8	262.8	255.3	247.8
17.5°	420.5	443.0	473.0	503.1	533.1	555.6	555.6	540.6	525.6	510.6	495.5
20°	1118.7	1231.3	1351.5	1471.6	1599.3	1689.3	1629.3	1584.2	1539.2	1486.6	1441.6
22.5°	2965.7	3281.1	3603.9	3829.2	4054.4	4212.1	4084.5	3836.7	3588.9	3348.7	3100.9
25°	5533.6	6111.7	6697.3	6937.6	7185.4	7365.6	7283.0	6907.6	6532.2	6164.2	5788.8
27.5°	8251.5	9062.4	9880.8	10091.0	10301.3	10458.9	10428.9	9940.9	9452.8	8964.8	8476.8
30°	10489.0	11239.8	11990.6	12200.9	12411.1	12553.7	12396.1	11908.0	11420.0	10932.0	10443.9
32.5°	12336.0	13131.9	13935.3	14213.1	14490.9	14678.6	14490.9	13905.2	13319.6	12741.4	12155.8
35°	14235.6	15204.1	16180.2	16533.1	16886.0	17111.2	16795.9	16075.1	15354.3	14641.0	13920.2
37.5°	16337.9	17516.7	18703.0	19183.5	19671.5	20009.4	19769.1	18868.2	17959.7	17058.7	16150.2
40°	19213.5	20737.7	22269.4	23132.8	23988.8	24596.9	24169.0	23125.3	22074.2	21030.5	19979.4
42.5°	24589.4	26932.0	29274.5	30513.4	31744.7	32638.2	32157.7	30873.8	29589.9	28306.0	27022.1
45°	32893.5	35889.3	38892.6	40702.1	42519.0	43855.5	43299.9	41685.6	40063.9	38449.6	36835.3
47.5°	41580.5	45154.4	48728.3	50169.9	51619.0	52745.2	52610.1	50597.9	48585.7	46581.0	44568.8
50°	47887.4	51438.8	54990.2	56229.1	57475.4	58398.9	58053.5	55493.2	52925.4	50365.1	47797.3
52.5°	49989.7	53421.0	56859.7	58338.9	59818.0	60921.7	60501.2	57618.1	54734.9	51859.3	48976.1
55°	50965.8	54532.2	58098.6	59900.6	61710.1	63031.5	62423.3	59262.4	56093.9	52932.9	49764.5
57.5°	52182.1	56003.8	59825.5	61800.1	63774.8	65201.4	64390.5	61116.9	57843.3	54577.2	51303.7
60°	53098.1	56904.8	60719.0	62303.2	63894.9	65006.2	64225.3	61041.8	57850.8	54667.3	51483.9
62.5°	51070.9	53999.1	56927.3	58106.1	59284.9	60140.8	59697.8	56679.5	53661.2	50642.9	47624.6
65°	44381.1	46408.3	48443.0	49238.9	50027.3	50635.4	50500.3	47955.0	45409.7	42871.9	40326.6
67.5°	35814.2	37390.9	38975.2	40101.4	41235.1	42113.6	42016.0	39696.0	37375.9	35055.9	32735.8
70°	27900.5	29537.3	31174.1	32593.2	34019.7	35123.4	34980.8	32825.9	30663.6	28508.7	26346.3
72.5°	22291.9	24153.9	26016.0	26826.9	27637.8	28208.4	27787.9	26158.6	24521.8	22892.6	21255.8
75°	13537.3	14513.4	15497.0	15489.5	15489.5	15399.4	14978.9	14047.9	13116.9	12185.8	11254.8
77.5°	4031.9	4459.9	4887.9	5300.8	5721.3	6036.6	5954.0	5466.0	4970.4	4482.4	3986.9
80°	1111.2	1223.8	1344.0	1396.5	1449.1	1516.7	1689.3	1569.2	1449.1	1336.5	1216.3
82.5°	285.3	285.3	285.3	277.8	270.3	255.3	232.8	217.7	202.7	187.7	172.7
85°	45.0	37.5	37.5	37.5	30.0	30.0	30.0	30.0	22.5	22.5	15.0
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: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	75.1	75.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	60.1
5°	90.1	90.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	75.1
7.5°	112.6	112.6	105.1	105.1	105.1	105.1	97.6	97.6	97.6	97.6	90.1
10°	142.7	135.1	135.1	127.6	127.6	127.6	120.1	120.1	120.1	112.6	112.6
12.5°	180.2	172.7	172.7	165.2	157.7	157.7	150.2	142.7	135.1	135.1	127.6
15°	240.3	232.8	225.2	217.7	210.2	195.2	187.7	172.7	165.2	157.7	150.2
17.5°	458.0	420.5	382.9	345.4	315.3	285.3	255.3	225.2	210.2	195.2	180.2
20°	1276.4	1103.7	938.5	773.3	668.2	563.1	458.0	352.9	307.8	270.3	225.2
22.5°	2763.0	2417.6	2079.8	1734.4	1456.6	1186.3	908.5	630.7	525.6	428.0	322.9
25°	5135.6	4474.9	3821.7	3161.0	2635.4	2109.8	1584.2	1058.7	863.4	668.2	473.0
27.5°	7620.8	6764.9	5909.0	5053.0	4219.6	3378.7	2537.8	1704.4	1366.5	1036.1	698.3
30°	9535.4	8626.9	7726.0	6817.5	5766.3	4715.2	3656.5	2605.4	2072.3	1539.2	998.6
32.5°	11179.7	10196.2	9220.1	8236.5	7020.2	5803.9	4587.5	3371.2	2703.0	2034.7	1359.0
35°	12809.0	11690.3	10579.1	9460.4	8153.9	6847.5	5541.1	4234.6	3386.2	2537.8	1681.8
37.5°	14791.2	13424.7	12065.7	10706.7	9362.7	8026.3	6682.3	5338.3	4257.2	3183.5	2102.3
40°	18245.0	16503.1	14768.7	13026.8	11457.5	9895.8	8326.6	6757.4	5398.4	4039.4	2672.9
42.5°	24837.2	22652.3	20474.9	18290.0	16120.1	13950.3	11772.9	9603.0	7665.9	5736.3	3799.2
45°	34034.8	31234.2	28441.1	25640.6	22967.6	20302.2	17629.3	14956.4	12013.2	9069.9	6119.2
47.5°	41505.4	38434.6	35371.2	32300.4	29334.6	26376.4	23410.6	20444.9	16675.8	12914.1	9145.0
50°	44876.6	41948.4	39027.7	36099.5	33126.3	30145.5	27164.7	24191.5	19866.7	15549.5	11224.8
52.5°	46010.4	43037.1	40071.4	37098.1	34147.4	31196.6	28245.9	25295.2	20797.8	16307.9	11810.4
55°	46633.5	43495.1	40364.2	37225.7	34049.8	30866.3	27682.8	24506.8	20031.9	15564.5	11089.6
57.5°	47894.9	44478.7	41070.0	37653.7	34034.8	30415.8	26789.3	23170.4	18755.5	14340.7	9925.9
60°	48127.7	44764.0	41407.8	38051.7	34049.8	30047.9	26038.5	22036.6	17651.8	13274.5	8889.7
62.5°	44816.6	42008.5	39207.9	36399.8	32390.5	28381.1	24364.2	20354.8	16157.7	11960.6	7756.0
65°	37901.5	35476.3	33058.7	30633.5	27359.9	24093.9	20820.3	17546.7	13800.1	10061.0	6314.4
67.5°	30363.2	27990.6	25625.6	23253.0	20790.3	18335.1	15872.4	13409.7	10519.0	7628.4	4737.7
70°	24071.3	21788.9	19513.9	17231.4	15054.0	12869.1	10684.2	8506.8	6712.3	4925.4	3130.9
72.5°	19078.4	16893.5	14716.1	12531.2	10556.6	8581.9	6607.2	4632.6	3739.1	2853.1	1959.6
75°	10121.1	8987.3	7861.1	6727.4	5616.1	4497.4	3378.7	2267.5	1914.6	1561.7	1201.3
77.5°	3491.3	2995.8	2507.7	2012.2	1674.3	1336.5	998.6	660.7	623.2	593.1	555.6
80°	1058.7	901.0	743.3	585.6	518.1	450.5	382.9	315.3	292.8	270.3	240.3
82.5°	165.2	150.2	142.7	127.6	120.1	120.1	112.6	105.1	90.1	82.6	67.6
85°	15.0	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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: P1067720

CATALOG NUMBER: NAV-SA5D-730-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	67.6	67.6
2.5°	60.1	60.1
5°	75.1	75.1
7.5°	90.1	90.1
10°	105.1	105.1
12.5°	120.1	120.1
15°	142.7	135.1
17.5°	165.2	157.7
20°	180.2	165.2
22.5°	217.7	187.7
25°	277.8	232.8
27.5°	360.4	285.3
30°	465.5	360.4
32.5°	690.8	503.1
35°	833.4	608.2
37.5°	1021.1	705.8
40°	1313.9	855.9
42.5°	1862.0	1163.8
45°	3176.0	1929.6
47.5°	5383.4	3288.6
50°	6900.1	4219.6
52.5°	7320.5	4474.9
55°	6622.2	4107.0
57.5°	5511.0	3491.3
60°	4512.4	2875.6
62.5°	3558.9	2275.0
65°	2567.8	1719.4
67.5°	1847.0	1321.4
70°	1344.0	1036.1
72.5°	1066.2	863.4
75°	848.4	720.8
77.5°	525.6	480.5
80°	217.7	202.7
82.5°	52.6	45.0
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1067720

CATALOG NUMBER: NAV-SA5D-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

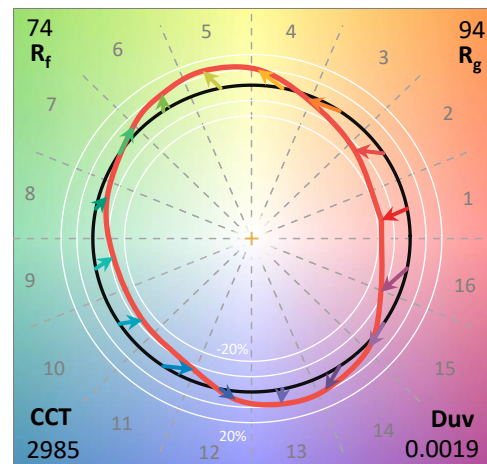
Test Information

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

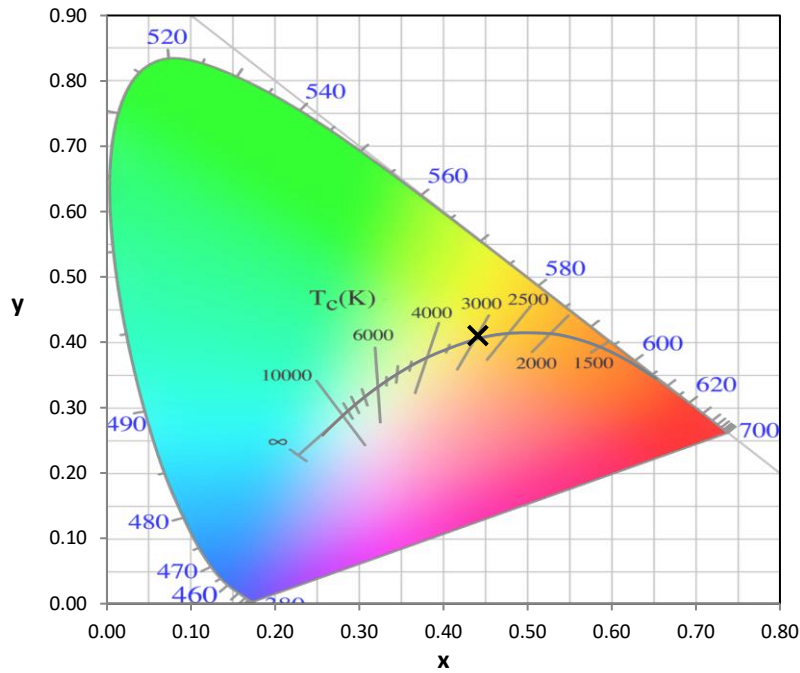
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

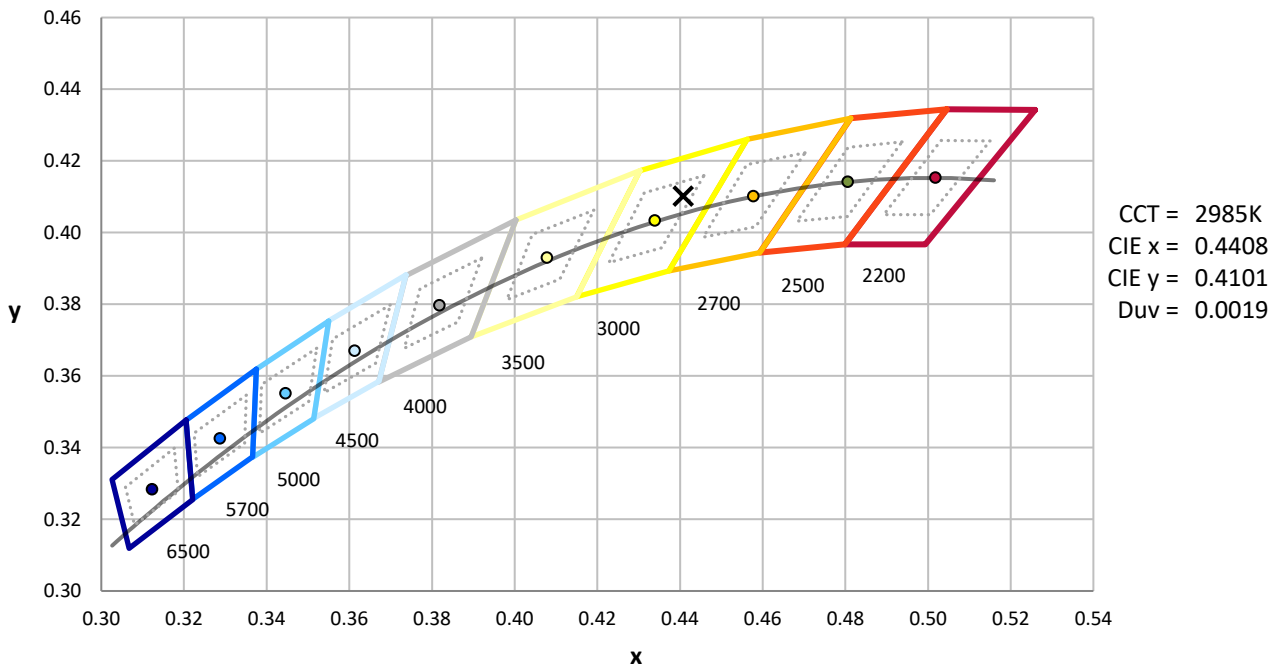
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



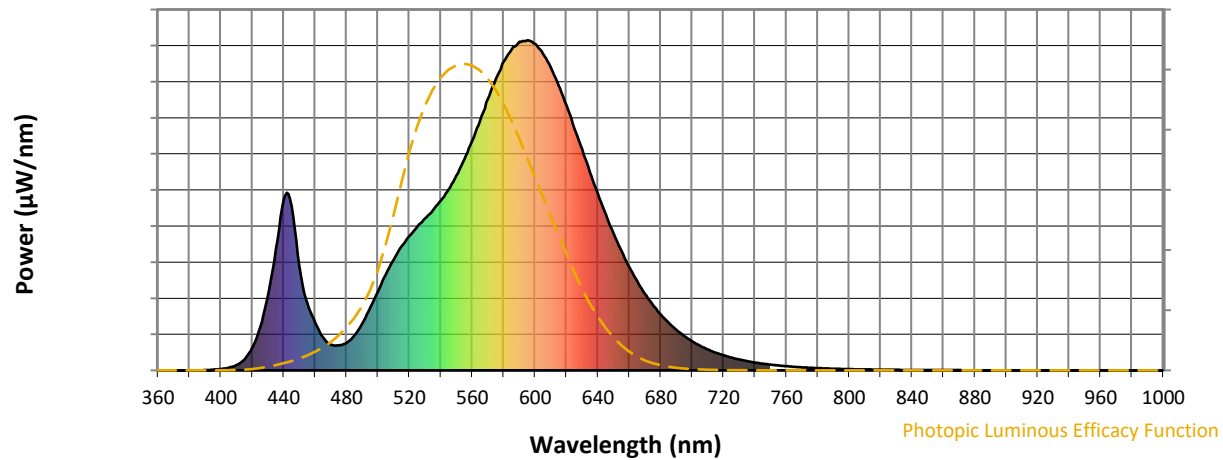
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

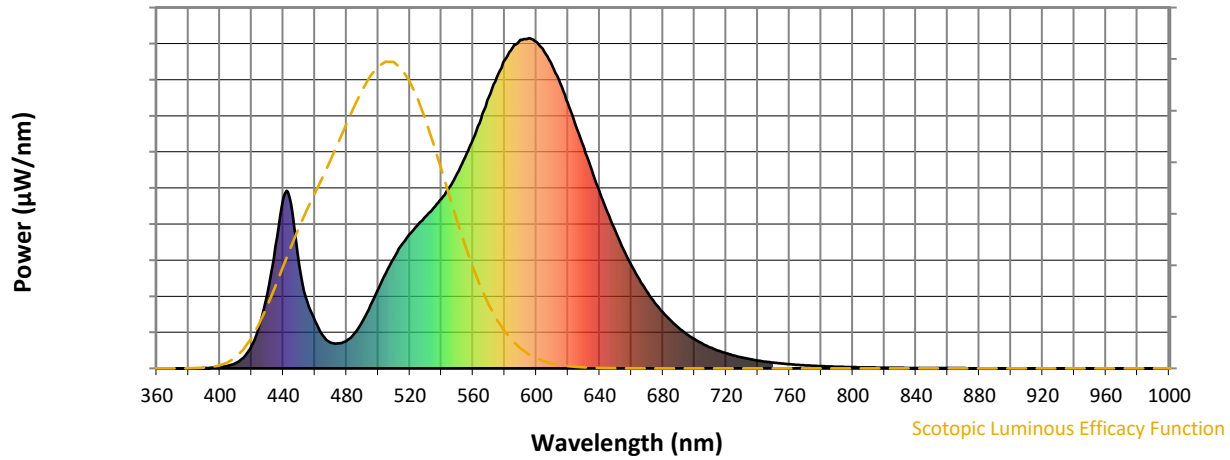


Photopic Lumens: NR

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



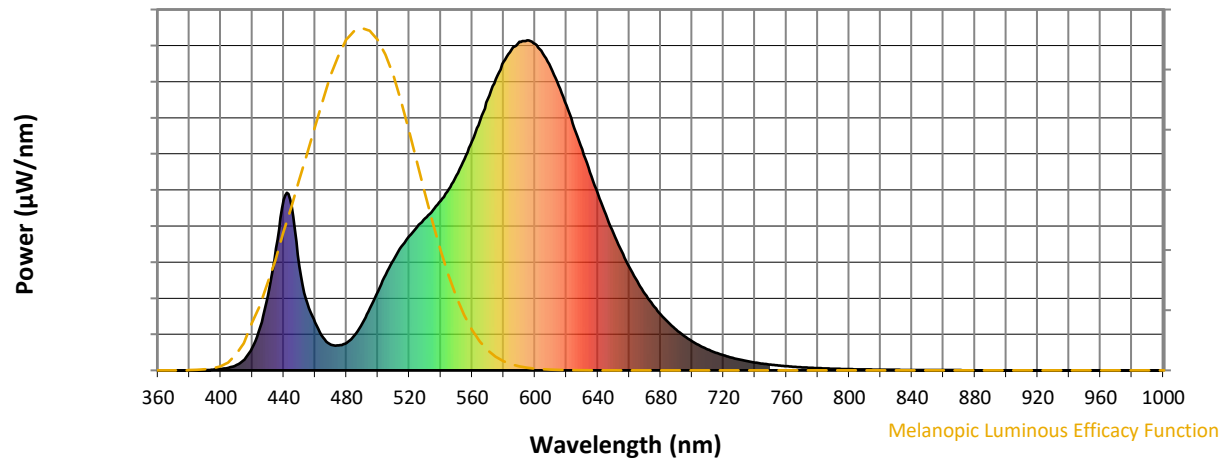
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

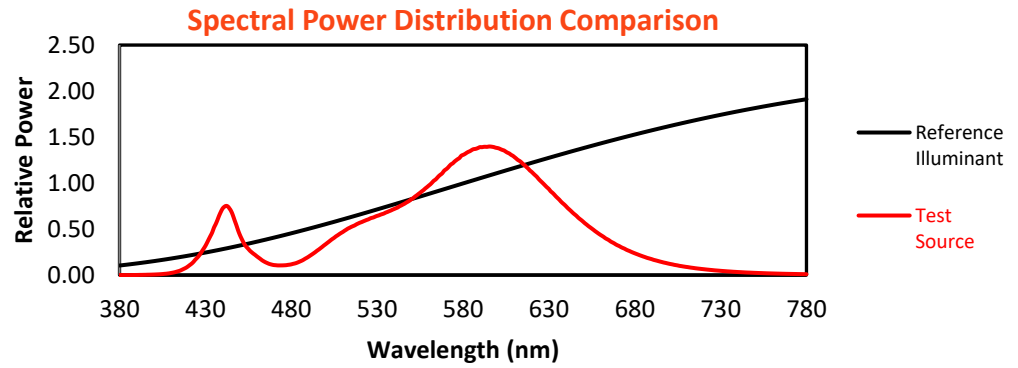
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	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			

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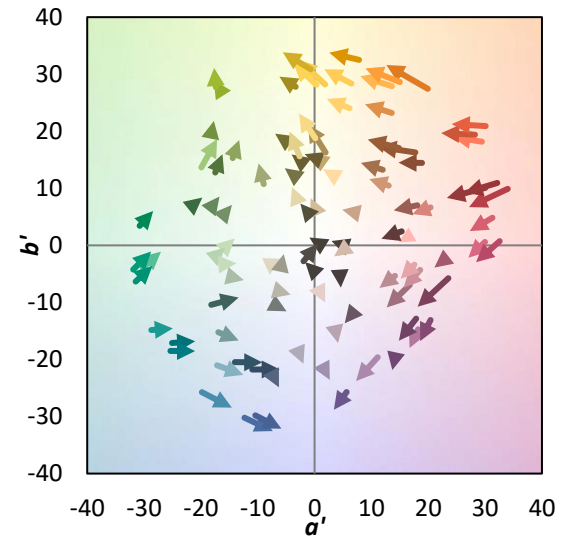
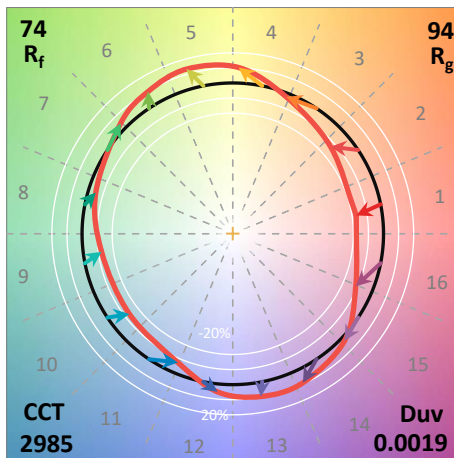
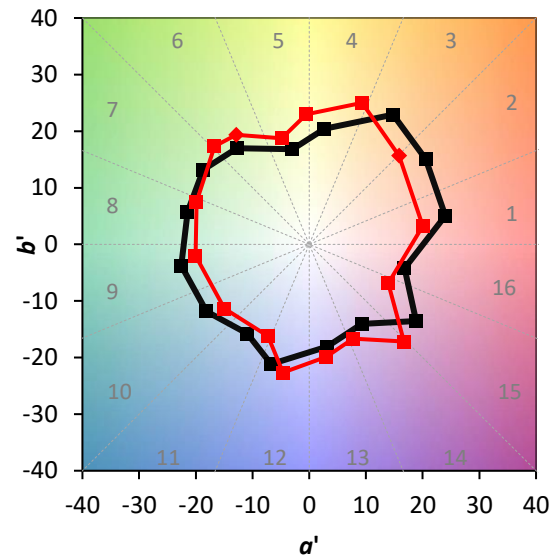
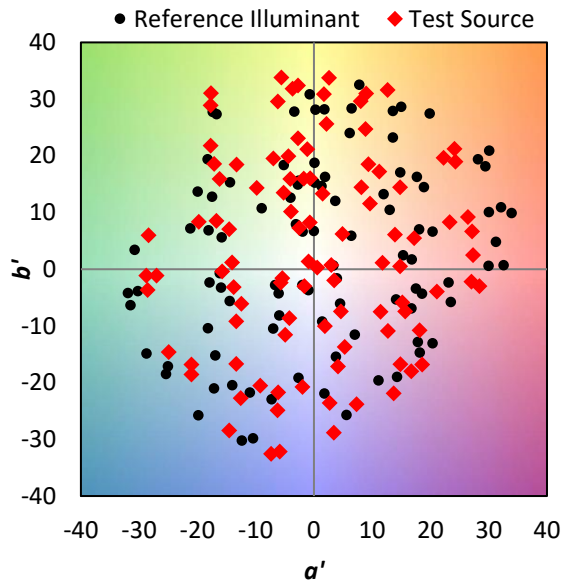
TM-30-18

Summary

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

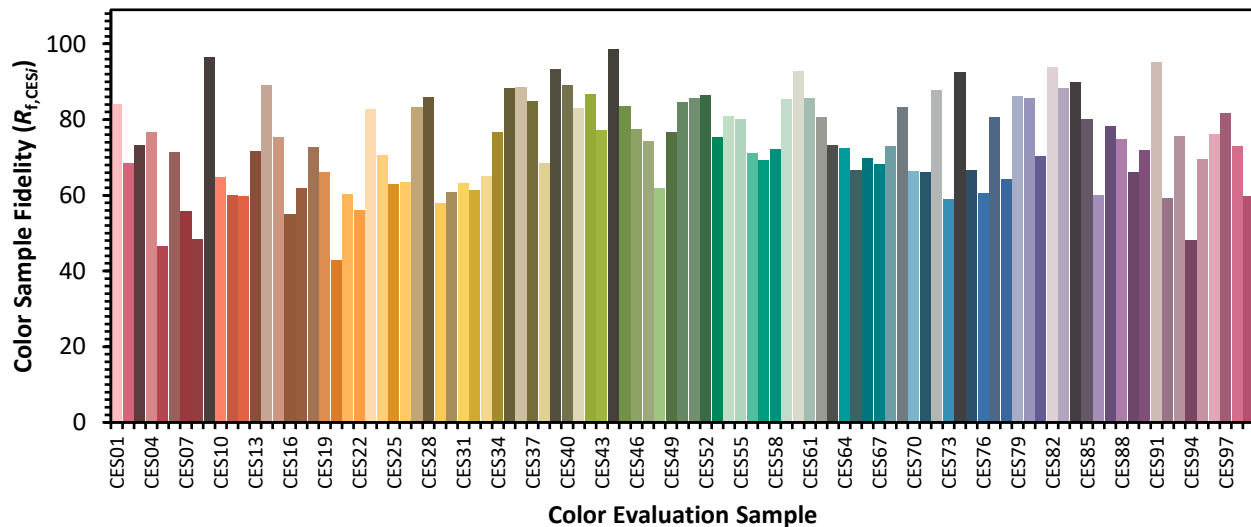


Color Vector Graphics

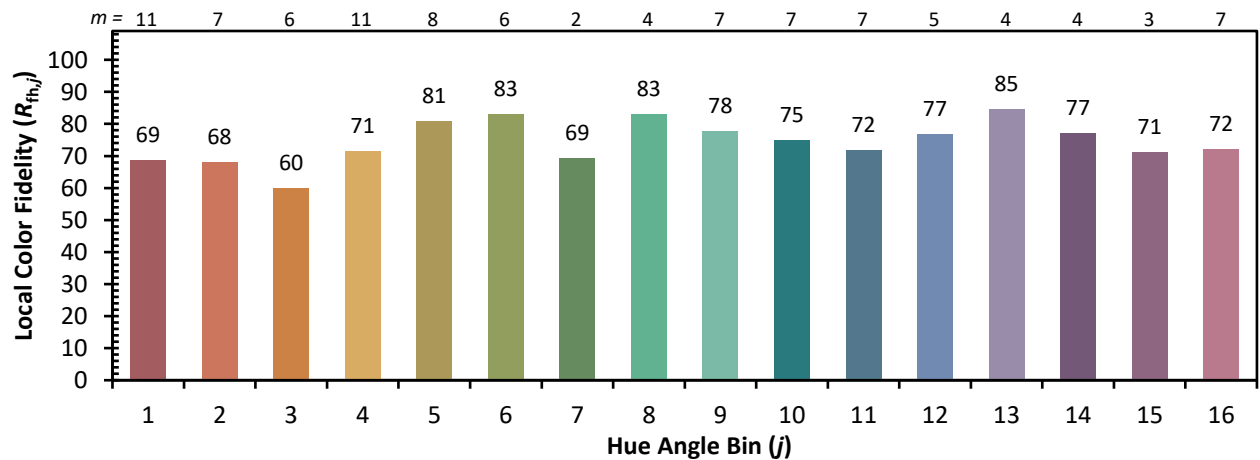
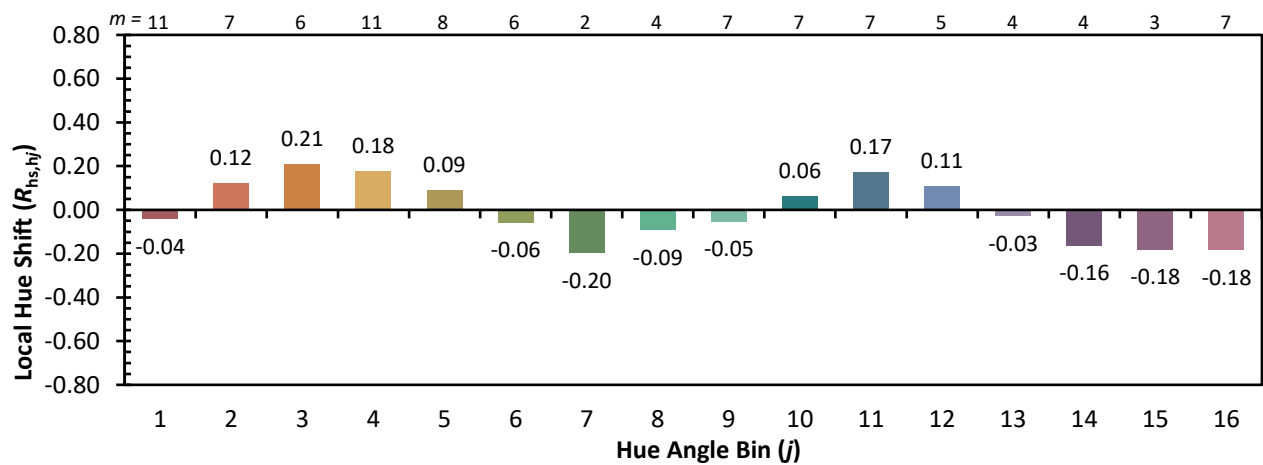
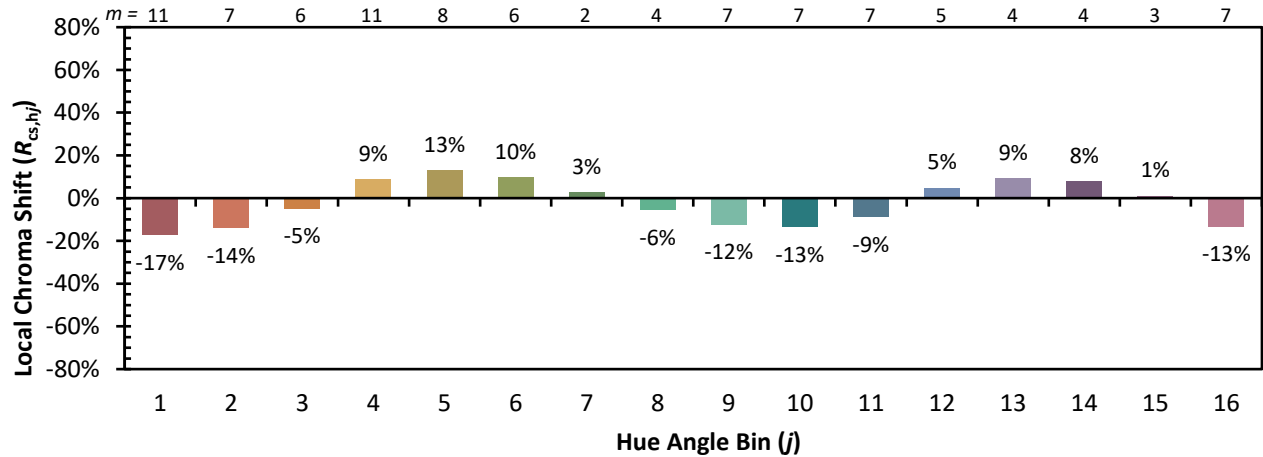


Individual Sample Fidelity Index ($R_{f,i}$)

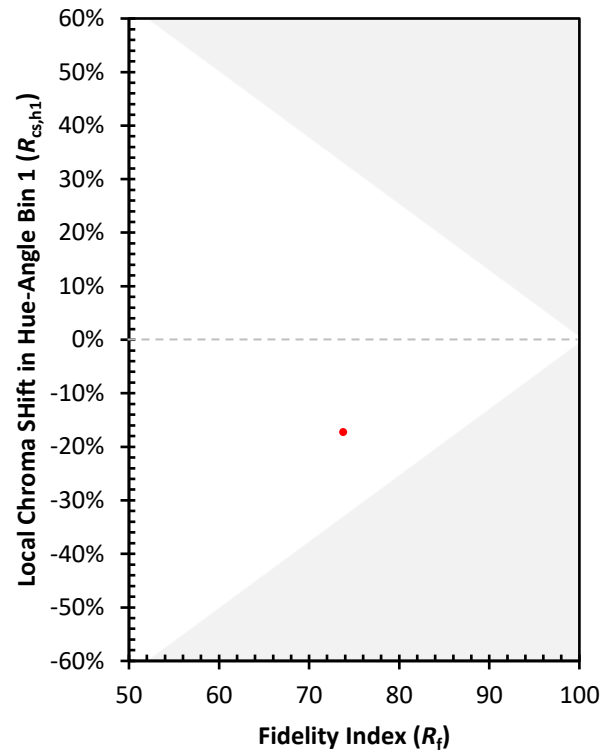
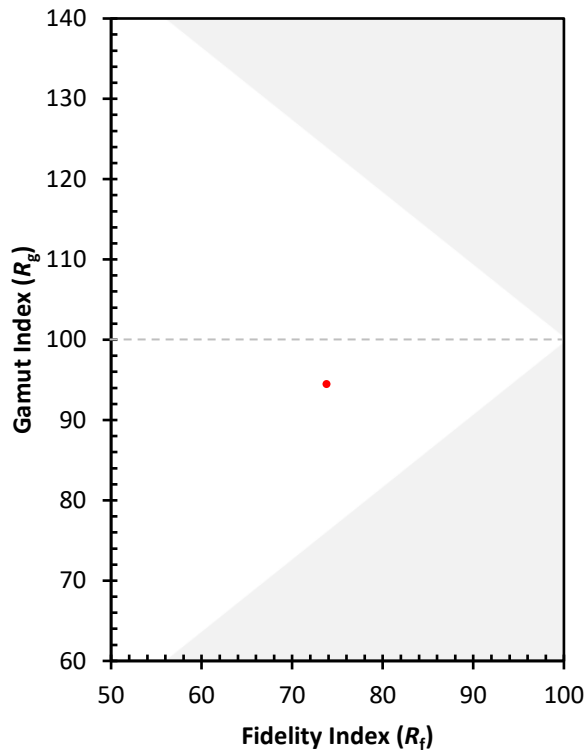
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)