

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: P1067816

Luminaire Tested: **NAV-SA5D-827-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067816
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5D-827-U-RBC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19316.6 lumens
Efficiency: N/A
Efficacy: 71.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 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



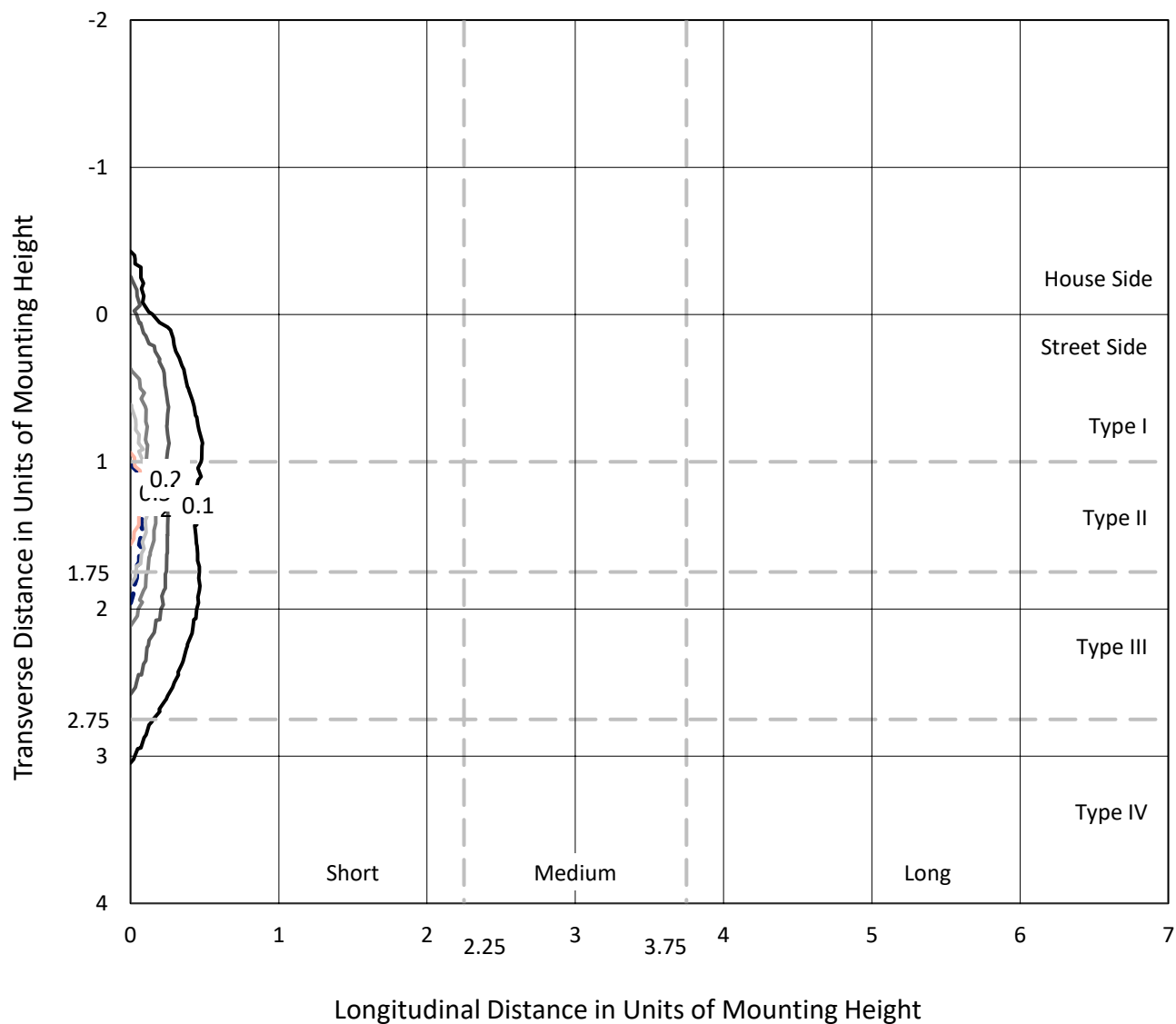
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

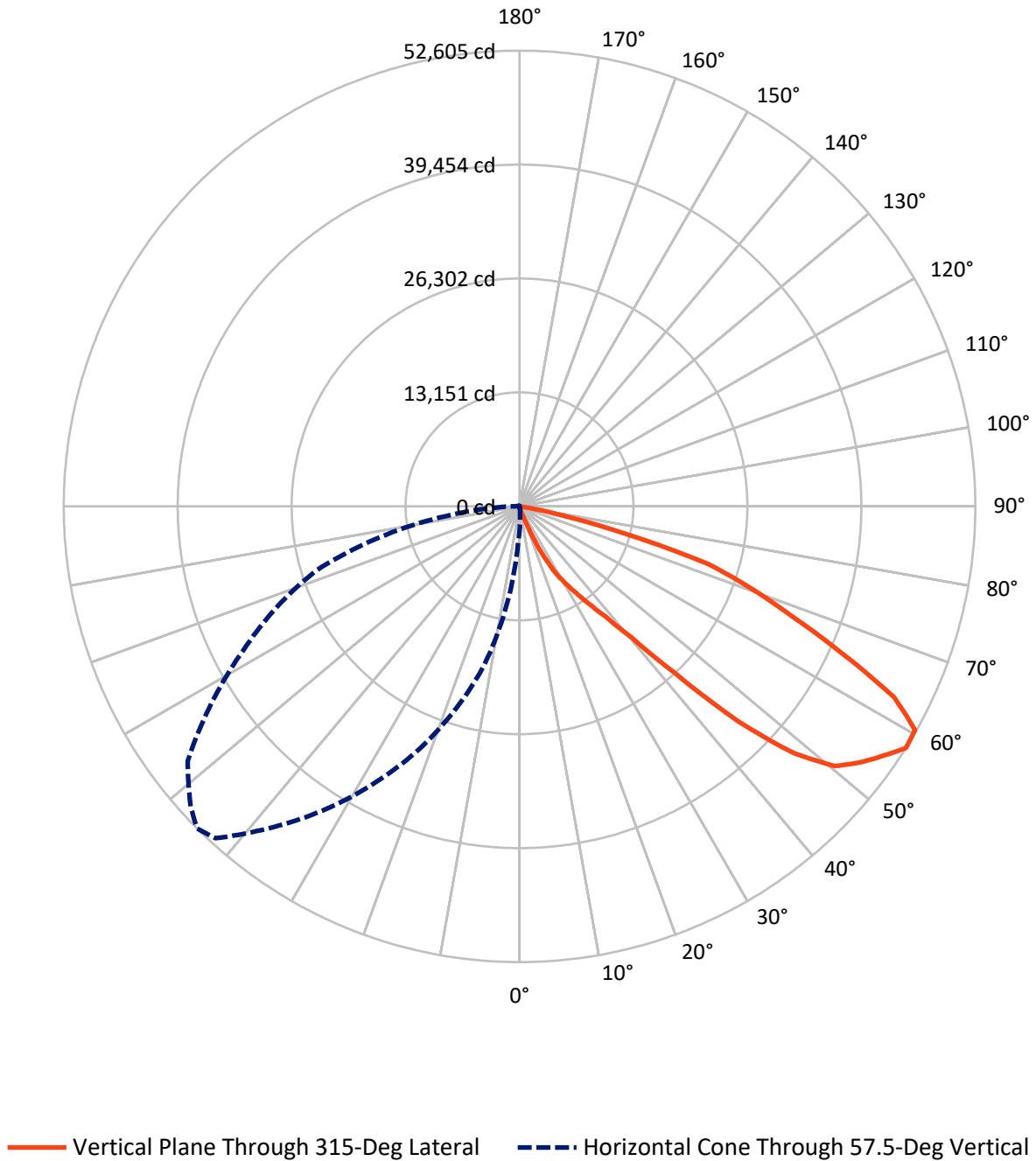


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.9	0.0	114.9
	% Fixture	0.6	0.0	0.6
Street Side	Lumens	19201.7	0.0	19201.7
	% Fixture	99.4	0.0	99.4
Total	Lumens	19316.6	0.0	19316.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.0
10°-20°	28.3	0.1
20°-30°	360.5	1.9
30°-40°	1215.1	6.3
40°-50°	3669.6	19.0
50°-60°	6474.3	33.5
60°-70°	5703.8	29.5
70°-80°	1815.6	9.4
80°-90°	43.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19316.6	100.0
0°-180°	19316.6	100.0



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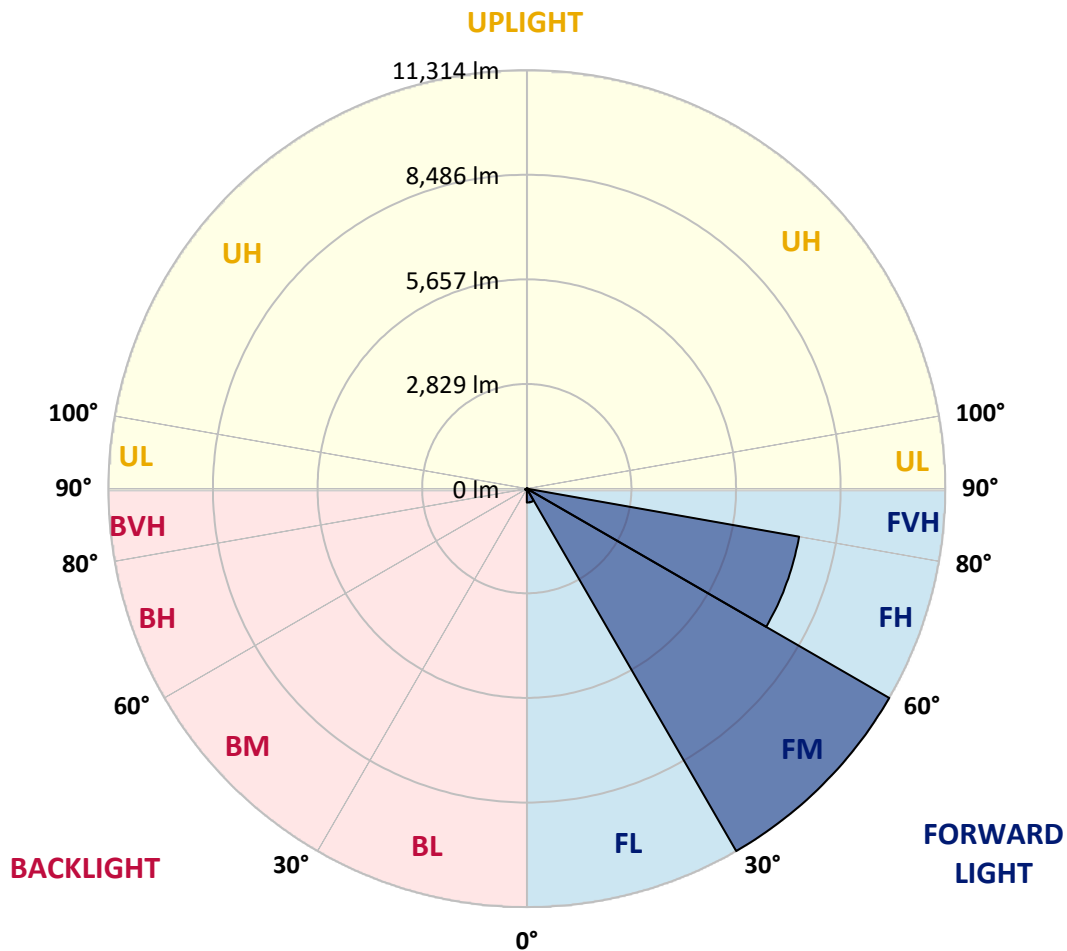
CATALOG NUMBER: NAV-SA5D-827-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	377.3	2.0			
FM	(30°-60°)	11314.4	58.6			
FH	(60°-80°)	7474.5	38.7			G3/7500
FVH	(80°-90°)	35.6	0.2			G1/100
BL	(0°-30°)	17.2	0.1	B0/110		
BM	(30°-60°)	44.5	0.2	B0/220		
BH	(60°-80°)	45.0	0.2	B0/110		G0/110
BVH	(80°-90°)	8.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	42.4
5°	60.6	60.6	60.6	54.5	54.5	54.5	48.5	48.5	48.5	48.5	48.5
7.5°	72.7	66.6	66.6	60.6	60.6	60.6	54.5	54.5	54.5	54.5	48.5
10°	84.8	78.7	78.7	72.7	72.7	66.6	66.6	60.6	60.6	54.5	54.5
12.5°	96.9	90.9	84.8	78.7	78.7	72.7	72.7	66.6	66.6	60.6	60.6
15°	109.0	103.0	96.9	90.9	84.8	84.8	78.7	72.7	66.6	66.6	60.6
17.5°	127.2	115.1	109.0	96.9	90.9	84.8	78.7	72.7	72.7	66.6	66.6
20°	133.3	121.2	115.1	103.0	96.9	90.9	84.8	78.7	72.7	72.7	66.6
22.5°	157.5	133.3	127.2	115.1	109.0	103.0	90.9	84.8	78.7	72.7	66.6
25°	193.8	157.5	139.3	121.2	115.1	103.0	96.9	84.8	78.7	72.7	66.6
27.5°	236.2	175.7	157.5	133.3	121.2	109.0	96.9	84.8	78.7	72.7	66.6
30°	290.8	206.0	175.7	145.4	133.3	121.2	103.0	90.9	84.8	78.7	66.6
32.5°	405.9	254.4	206.0	157.5	139.3	127.2	109.0	90.9	84.8	78.7	66.6
35°	490.7	308.9	248.4	181.7	157.5	139.3	115.1	90.9	84.8	78.7	66.6
37.5°	569.4	315.0	254.4	193.8	169.6	145.4	115.1	90.9	84.8	78.7	66.6
40°	696.6	327.1	254.4	181.7	163.6	139.3	121.2	96.9	90.9	78.7	72.7
42.5°	938.9	375.6	272.6	169.6	151.4	139.3	121.2	103.0	90.9	84.8	72.7
45°	1562.9	557.3	369.5	175.7	157.5	139.3	121.2	103.0	96.9	84.8	78.7
47.5°	2659.3	969.2	575.5	181.7	163.6	139.3	121.2	96.9	90.9	84.8	72.7
50°	3404.4	1241.8	726.9	212.0	181.7	157.5	127.2	96.9	90.9	84.8	78.7
52.5°	3616.4	1320.6	787.5	248.4	212.0	175.7	133.3	96.9	90.9	90.9	84.8
55°	3313.5	1284.2	787.5	290.8	242.3	199.9	151.4	103.0	96.9	96.9	90.9
57.5°	2816.8	1187.3	751.2	315.0	266.5	212.0	163.6	109.0	103.0	103.0	96.9
60°	2320.1	999.5	678.5	351.3	296.8	242.3	187.8	133.3	127.2	121.2	109.0
62.5°	1841.5	805.7	593.7	375.6	321.1	260.5	206.0	145.4	139.3	133.3	127.2
65°	1387.2	702.7	551.2	393.7	333.2	272.6	212.0	151.4	145.4	145.4	139.3
67.5°	1066.2	642.1	527.0	405.9	345.3	284.7	224.1	163.6	157.5	151.4	145.4
70°	842.0	593.7	496.7	399.8	345.3	290.8	230.2	175.7	163.6	157.5	145.4
72.5°	702.7	539.1	460.4	381.6	339.2	296.8	254.4	212.0	187.8	169.6	145.4
75°	587.6	484.6	418.0	345.3	315.0	290.8	260.5	230.2	199.9	169.6	139.3
77.5°	387.7	351.3	321.1	290.8	272.6	254.4	230.2	212.0	181.7	157.5	127.2
80°	163.6	151.4	157.5	157.5	157.5	157.5	151.4	151.4	133.3	115.1	90.9
82.5°	36.3	30.3	36.3	36.3	36.3	36.3	30.3	30.3	30.3	24.2	24.2
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°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
5°	48.5	48.5	48.5	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
7.5°	48.5	48.5	48.5	42.4	42.4	42.4	42.4	36.3	36.3	36.3	36.3
10°	48.5	48.5	48.5	42.4	42.4	42.4	42.4	36.3	36.3	36.3	36.3
12.5°	54.5	54.5	48.5	48.5	42.4	42.4	42.4	36.3	36.3	36.3	36.3
15°	54.5	54.5	48.5	48.5	42.4	42.4	42.4	36.3	36.3	36.3	36.3
17.5°	60.6	54.5	54.5	48.5	42.4	42.4	42.4	36.3	36.3	36.3	36.3
20°	60.6	54.5	54.5	48.5	42.4	42.4	42.4	36.3	36.3	36.3	36.3
22.5°	60.6	54.5	54.5	48.5	42.4	42.4	36.3	36.3	30.3	30.3	24.2
25°	60.6	54.5	54.5	48.5	42.4	42.4	36.3	36.3	30.3	24.2	24.2
27.5°	60.6	54.5	54.5	48.5	42.4	36.3	36.3	30.3	24.2	18.2	18.2
30°	60.6	54.5	54.5	48.5	42.4	36.3	30.3	24.2	18.2	18.2	12.1
32.5°	60.6	54.5	48.5	42.4	36.3	30.3	30.3	24.2	18.2	12.1	12.1
35°	60.6	54.5	48.5	42.4	36.3	30.3	30.3	24.2	18.2	12.1	12.1
37.5°	60.6	54.5	48.5	42.4	36.3	30.3	24.2	18.2	12.1	12.1	6.1
40°	60.6	54.5	48.5	42.4	36.3	30.3	24.2	18.2	12.1	12.1	6.1
42.5°	60.6	54.5	48.5	42.4	36.3	30.3	24.2	18.2	12.1	12.1	6.1
45°	66.6	60.6	54.5	42.4	36.3	30.3	30.3	24.2	18.2	12.1	12.1
47.5°	66.6	60.6	54.5	42.4	36.3	30.3	30.3	24.2	18.2	12.1	12.1
50°	72.7	66.6	60.6	48.5	42.4	36.3	30.3	18.2	12.1	12.1	6.1
52.5°	78.7	72.7	66.6	60.6	54.5	42.4	30.3	18.2	6.1	6.1	6.1
55°	84.8	78.7	78.7	72.7	66.6	48.5	36.3	18.2	0.0	0.0	0.0
57.5°	90.9	84.8	84.8	78.7	72.7	54.5	36.3	18.2	0.0	0.0	0.0
60°	103.0	96.9	90.9	78.7	72.7	54.5	36.3	18.2	0.0	0.0	0.0
62.5°	121.2	109.0	90.9	78.7	60.6	48.5	30.3	18.2	0.0	0.0	0.0
65°	133.3	115.1	96.9	72.7	54.5	42.4	30.3	12.1	0.0	0.0	0.0
67.5°	139.3	115.1	96.9	72.7	48.5	36.3	24.2	12.1	0.0	0.0	0.0
70°	133.3	109.0	90.9	66.6	42.4	30.3	24.2	12.1	0.0	0.0	0.0
72.5°	121.2	103.0	78.7	60.6	36.3	30.3	18.2	12.1	0.0	0.0	0.0
75°	109.0	90.9	66.6	48.5	24.2	18.2	12.1	6.1	0.0	0.0	0.0
77.5°	96.9	78.7	54.5	36.3	12.1	12.1	6.1	6.1	0.0	0.0	0.0
80°	72.7	54.5	36.3	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.2	12.1	12.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
5°	36.3	36.3	36.3	36.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
7.5°	36.3	36.3	36.3	36.3	30.3	30.3	30.3	30.3	24.2	24.2	24.2
10°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	24.2	24.2	24.2
12.5°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	24.2	24.2	24.2
15°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	24.2	24.2	18.2	18.2
17.5°	30.3	30.3	30.3	30.3	24.2	24.2	24.2	18.2	18.2	12.1	12.1
20°	30.3	30.3	30.3	24.2	24.2	18.2	18.2	12.1	12.1	6.1	6.1
22.5°	24.2	18.2	18.2	12.1	12.1	6.1	6.1	6.1	0.0	0.0	0.0
25°	18.2	12.1	12.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	12.1	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	12.1	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	6.1	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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	36.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
5°	30.3	30.3	30.3	30.3	24.2	24.2	24.2	24.2	24.2	24.2	24.2
7.5°	24.2	24.2	24.2	24.2	24.2	24.2	18.2	18.2	18.2	18.2	18.2
10°	24.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	12.1	12.1
12.5°	24.2	18.2	18.2	18.2	12.1	12.1	12.1	12.1	12.1	6.1	6.1
15°	18.2	12.1	12.1	12.1	6.1	6.1	6.1	6.1	6.1	0.0	0.0
17.5°	12.1	6.1	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	6.1	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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	36.3	36.3
5°	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
7.5°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
10°	12.1	12.1	12.1	12.1	12.1	12.1	6.1	6.1	6.1	6.1	6.1
12.5°	6.1	6.1	6.1	6.1	6.1	6.1	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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	36.3	36.3	36.3	36.3	36.3	42.4	42.4	48.5	48.5	54.5	54.5
5°	24.2	24.2	30.3	30.3	30.3	30.3	36.3	36.3	36.3	42.4	42.4
7.5°	18.2	18.2	18.2	18.2	18.2	24.2	24.2	30.3	30.3	36.3	36.3
10°	6.1	6.1	12.1	12.1	12.1	12.1	18.2	18.2	18.2	24.2	30.3
12.5°	0.0	0.0	6.1	6.1	6.1	6.1	12.1	12.1	12.1	18.2	24.2
15°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	12.1	18.2
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	12.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	60.6	60.6	66.6	66.6	72.7	72.7	78.7	78.7	78.7	78.7	78.7
5°	48.5	48.5	54.5	60.6	60.6	66.6	72.7	72.7	72.7	72.7	72.7
7.5°	42.4	42.4	48.5	54.5	54.5	60.6	66.6	66.6	72.7	72.7	72.7
10°	30.3	36.3	42.4	48.5	48.5	54.5	60.6	60.6	66.6	66.6	66.6
12.5°	24.2	30.3	36.3	42.4	42.4	48.5	54.5	54.5	60.6	60.6	66.6
15°	18.2	24.2	30.3	36.3	36.3	42.4	48.5	48.5	54.5	60.6	66.6
17.5°	12.1	18.2	24.2	30.3	30.3	36.3	42.4	48.5	54.5	54.5	60.6
20°	12.1	12.1	18.2	24.2	24.2	30.3	36.3	42.4	48.5	48.5	54.5
22.5°	6.1	6.1	12.1	18.2	18.2	24.2	30.3	36.3	42.4	42.4	48.5
25°	0.0	0.0	6.1	12.1	12.1	18.2	24.2	24.2	30.3	30.3	36.3
27.5°	0.0	0.0	6.1	6.1	12.1	12.1	18.2	18.2	24.2	24.2	30.3
30°	0.0	0.0	6.1	6.1	12.1	12.1	18.2	18.2	24.2	24.2	24.2
32.5°	0.0	0.0	0.0	6.1	6.1	6.1	12.1	12.1	18.2	18.2	24.2
35°	0.0	0.0	0.0	6.1	6.1	6.1	12.1	12.1	18.2	18.2	18.2
37.5°	0.0	0.0	0.0	6.1	6.1	6.1	12.1	12.1	12.1	12.1	18.2
40°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
45°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
50°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
55°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	12.1	12.1	12.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	12.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	78.7	78.7
5°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	72.7	72.7
7.5°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	72.7	72.7
10°	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
12.5°	66.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
15°	66.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
17.5°	60.6	66.6	66.6	66.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
20°	54.5	60.6	60.6	60.6	66.6	66.6	66.6	66.6	72.7	72.7	72.7
22.5°	48.5	54.5	54.5	54.5	60.6	60.6	60.6	60.6	66.6	66.6	66.6
25°	42.4	42.4	48.5	48.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
27.5°	30.3	36.3	36.3	36.3	42.4	42.4	42.4	42.4	48.5	48.5	48.5
30°	30.3	30.3	30.3	30.3	36.3	36.3	36.3	36.3	42.4	42.4	42.4
32.5°	24.2	30.3	30.3	30.3	36.3	36.3	36.3	36.3	42.4	42.4	42.4
35°	24.2	24.2	24.2	24.2	30.3	30.3	30.3	30.3	36.3	36.3	36.3
37.5°	18.2	24.2	24.2	24.2	30.3	30.3	30.3	30.3	36.3	36.3	36.3
40°	18.2	18.2	18.2	18.2	24.2	24.2	24.2	24.2	30.3	30.3	30.3
42.5°	18.2	18.2	18.2	18.2	24.2	24.2	24.2	24.2	30.3	30.3	30.3
45°	18.2	18.2	18.2	18.2	24.2	24.2	24.2	24.2	30.3	30.3	30.3
47.5°	18.2	18.2	18.2	18.2	24.2	24.2	24.2	24.2	30.3	30.3	30.3
50°	18.2	18.2	18.2	18.2	24.2	24.2	24.2	24.2	30.3	30.3	30.3
52.5°	12.1	12.1	12.1	12.1	18.2	18.2	18.2	18.2	24.2	24.2	24.2
55°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	18.2	18.2	18.2
57.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	18.2	18.2	18.2
60°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	6.1	6.1
67.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
70°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
72.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
75°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
77.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
80°	18.2	18.2	18.2	18.2	18.2	12.1	12.1	12.1	12.1	12.1	12.1
82.5°	12.1	18.2	18.2	18.2	18.2	12.1	12.1	12.1	12.1	12.1	12.1
85°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
87.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	78.7	78.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	78.7	78.7
5°	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	78.7	78.7
7.5°	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	78.7	78.7
10°	72.7	72.7	72.7	72.7	66.6	66.6	72.7	72.7	72.7	78.7	78.7
12.5°	72.7	72.7	72.7	72.7	66.6	66.6	72.7	72.7	78.7	78.7	84.8
15°	72.7	72.7	66.6	66.6	66.6	66.6	72.7	72.7	78.7	78.7	84.8
17.5°	72.7	72.7	66.6	66.6	66.6	66.6	72.7	72.7	78.7	78.7	84.8
20°	72.7	72.7	66.6	66.6	66.6	66.6	66.6	66.6	72.7	78.7	78.7
22.5°	66.6	66.6	66.6	66.6	60.6	60.6	66.6	66.6	72.7	78.7	78.7
25°	54.5	60.6	60.6	60.6	60.6	60.6	66.6	66.6	72.7	78.7	78.7
27.5°	48.5	54.5	54.5	54.5	54.5	60.6	60.6	66.6	72.7	78.7	78.7
30°	42.4	48.5	48.5	48.5	54.5	60.6	60.6	66.6	72.7	78.7	78.7
32.5°	42.4	48.5	48.5	48.5	54.5	54.5	60.6	60.6	66.6	72.7	78.7
35°	42.4	42.4	48.5	48.5	48.5	54.5	54.5	60.6	66.6	72.7	78.7
37.5°	42.4	42.4	48.5	48.5	48.5	54.5	54.5	60.6	66.6	72.7	78.7
40°	36.3	42.4	42.4	48.5	48.5	54.5	54.5	60.6	66.6	78.7	84.8
42.5°	36.3	36.3	42.4	42.4	48.5	54.5	54.5	60.6	66.6	78.7	84.8
45°	36.3	42.4	42.4	48.5	54.5	60.6	60.6	66.6	72.7	78.7	84.8
47.5°	36.3	42.4	42.4	48.5	60.6	60.6	66.6	66.6	72.7	78.7	84.8
50°	36.3	42.4	42.4	48.5	66.6	66.6	66.6	66.6	72.7	78.7	84.8
52.5°	30.3	36.3	36.3	42.4	54.5	60.6	66.6	72.7	78.7	84.8	90.9
55°	24.2	30.3	30.3	36.3	48.5	54.5	66.6	78.7	84.8	90.9	96.9
57.5°	24.2	24.2	30.3	30.3	42.4	54.5	72.7	84.8	90.9	96.9	103.0
60°	18.2	18.2	24.2	24.2	36.3	48.5	66.6	84.8	90.9	103.0	109.0
62.5°	12.1	18.2	18.2	24.2	30.3	48.5	66.6	84.8	96.9	109.0	115.1
65°	12.1	12.1	18.2	18.2	30.3	42.4	60.6	72.7	90.9	109.0	127.2
67.5°	18.2	18.2	24.2	24.2	30.3	42.4	60.6	72.7	90.9	115.1	133.3
70°	18.2	18.2	24.2	24.2	36.3	48.5	60.6	72.7	90.9	115.1	133.3
72.5°	18.2	18.2	24.2	24.2	36.3	42.4	54.5	66.6	84.8	103.0	121.2
75°	12.1	18.2	18.2	18.2	30.3	36.3	48.5	60.6	78.7	96.9	115.1
77.5°	12.1	12.1	12.1	12.1	24.2	30.3	42.4	48.5	66.6	84.8	103.0
80°	12.1	12.1	12.1	12.1	18.2	24.2	36.3	42.4	60.6	78.7	96.9
82.5°	12.1	12.1	6.1	6.1	12.1	18.2	24.2	30.3	48.5	60.6	78.7
85°	12.1	12.1	6.1	6.1	6.1	12.1	12.1	18.2	24.2	30.3	36.3
87.5°	12.1	12.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	78.7	78.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
5°	78.7	84.8	84.8	90.9	90.9	90.9	96.9	96.9	96.9	96.9	96.9
7.5°	78.7	84.8	84.8	90.9	90.9	90.9	96.9	96.9	96.9	103.0	103.0
10°	78.7	84.8	84.8	90.9	90.9	96.9	103.0	103.0	109.0	109.0	109.0
12.5°	84.8	90.9	90.9	96.9	96.9	103.0	109.0	109.0	115.1	121.2	121.2
15°	84.8	90.9	96.9	96.9	103.0	109.0	115.1	115.1	121.2	127.2	133.3
17.5°	84.8	90.9	96.9	96.9	103.0	109.0	121.2	127.2	133.3	145.4	151.4
20°	84.8	90.9	96.9	96.9	103.0	115.1	121.2	133.3	139.3	151.4	163.6
22.5°	84.8	90.9	96.9	103.0	109.0	121.2	133.3	139.3	151.4	169.6	181.7
25°	84.8	90.9	96.9	103.0	109.0	121.2	133.3	145.4	157.5	181.7	206.0
27.5°	84.8	90.9	103.0	109.0	115.1	127.2	145.4	157.5	169.6	212.0	254.4
30°	84.8	90.9	103.0	109.0	115.1	133.3	151.4	163.6	181.7	254.4	321.1
32.5°	84.8	96.9	103.0	115.1	121.2	139.3	163.6	181.7	199.9	302.9	399.8
35°	84.8	96.9	103.0	115.1	121.2	145.4	169.6	193.8	218.1	369.5	521.0
37.5°	84.8	96.9	103.0	115.1	121.2	157.5	193.8	230.2	266.5	424.0	581.5
40°	90.9	103.0	109.0	121.2	127.2	163.6	199.9	236.2	272.6	430.1	587.6
42.5°	90.9	103.0	109.0	121.2	127.2	157.5	193.8	224.1	254.4	430.1	605.8
45°	90.9	103.0	115.1	121.2	133.3	163.6	193.8	218.1	248.4	472.5	690.6
47.5°	90.9	103.0	115.1	121.2	133.3	163.6	193.8	224.1	254.4	623.9	987.4
50°	90.9	103.0	115.1	121.2	133.3	169.6	206.0	242.3	278.7	932.9	1587.1
52.5°	96.9	103.0	115.1	121.2	127.2	169.6	212.0	254.4	296.8	1211.5	2120.2
55°	103.0	109.0	115.1	121.2	127.2	181.7	236.2	290.8	345.3	1302.4	2253.5
57.5°	109.0	115.1	121.2	121.2	127.2	193.8	266.5	333.2	399.8	1296.3	2186.8
60°	115.1	121.2	127.2	133.3	139.3	206.0	278.7	345.3	411.9	1175.2	1938.5
62.5°	127.2	139.3	151.4	157.5	169.6	236.2	296.8	363.5	424.0	963.2	1496.2
65°	145.4	157.5	163.6	175.7	181.7	242.3	308.9	369.5	430.1	799.6	1163.1
67.5°	151.4	163.6	169.6	181.7	187.8	248.4	308.9	369.5	430.1	678.5	920.8
70°	151.4	163.6	175.7	181.7	193.8	254.4	308.9	369.5	424.0	587.6	751.2
72.5°	139.3	157.5	169.6	187.8	199.9	254.4	302.9	357.4	405.9	521.0	636.1
75°	133.3	157.5	175.7	199.9	218.1	254.4	296.8	333.2	369.5	454.3	539.1
77.5°	121.2	151.4	181.7	212.0	242.3	266.5	284.7	308.9	327.1	381.6	436.2
80°	115.1	145.4	175.7	206.0	236.2	248.4	254.4	266.5	272.6	278.7	284.7
82.5°	90.9	115.1	139.3	157.5	181.7	169.6	163.6	151.4	139.3	133.3	127.2
85°	42.4	48.5	48.5	54.5	54.5	54.5	48.5	48.5	42.4	36.3	30.3
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	84.8	84.8	84.8	84.8	78.7	78.7	78.7	78.7	72.7	72.7	72.7
5°	96.9	96.9	96.9	96.9	90.9	90.9	90.9	90.9	84.8	84.8	84.8
7.5°	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
10°	115.1	115.1	115.1	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2
12.5°	127.2	127.2	133.3	133.3	139.3	139.3	145.4	145.4	151.4	151.4	151.4
15°	139.3	145.4	151.4	157.5	157.5	163.6	169.6	175.7	181.7	187.8	193.8
17.5°	163.6	169.6	181.7	193.8	206.0	218.1	236.2	260.5	278.7	296.8	321.1
20°	181.7	199.9	236.2	278.7	315.0	351.3	442.2	533.1	623.9	714.8	805.7
22.5°	218.1	254.4	375.6	502.8	623.9	745.1	1029.8	1314.5	1593.2	1877.9	2132.3
25°	290.8	369.5	648.2	926.8	1199.4	1478.1	1986.9	2501.8	3010.7	3519.5	3992.0
27.5°	399.8	545.2	999.5	1459.9	1914.2	2368.6	3107.6	3852.7	4591.7	5336.8	5997.1
30°	557.3	793.6	1472.0	2156.5	2835.0	3513.5	4446.3	5385.3	6318.2	7251.0	7856.8
32.5°	757.2	1108.6	1968.7	2828.9	3689.1	4549.3	5579.1	6608.9	7632.7	8662.5	9304.6
35°	969.2	1417.5	2453.4	3495.3	4531.1	5573.1	6657.4	7741.7	8826.0	9910.4	10697.9
37.5°	1090.4	1599.2	2828.9	4058.6	5282.3	6512.0	7699.3	8892.7	10080.0	11267.3	12224.4
40°	1205.5	1817.3	3234.8	4652.3	6069.8	7487.3	8874.5	10261.7	11648.9	13036.1	14265.8
42.5°	1375.1	2144.4	3798.2	5451.9	7099.6	8753.3	10576.7	12406.1	14229.5	16052.8	17942.8
45°	1726.4	2762.3	4906.7	7051.1	9189.5	11333.9	13920.5	16513.2	19099.8	21692.5	24115.6
47.5°	2574.5	4155.6	7081.4	10007.3	12933.1	15859.0	18839.4	21819.7	24800.1	27780.5	30663.9
50°	3985.9	6378.7	10037.6	13696.4	17349.2	21008.0	23982.3	26956.6	29924.9	32899.2	35764.5
52.5°	5312.6	8505.0	12436.4	16373.9	20305.3	24242.8	26877.9	29513.0	32148.1	34783.2	37557.6
55°	5766.9	9274.3	13254.2	17240.1	21220.0	25206.0	27744.1	30288.4	32826.5	35364.7	38242.1
57.5°	5367.1	8547.4	12557.6	16567.7	20571.9	24582.0	27417.0	30258.1	33093.1	35934.1	39017.5
60°	4494.8	7045.1	11255.2	15471.3	19681.4	23891.5	27089.9	30288.4	33486.8	36685.3	39762.6
62.5°	3561.9	5621.5	10080.0	14538.4	18996.9	23455.3	26708.3	29967.3	33220.3	36473.3	38835.7
65°	2732.0	4300.9	8686.7	13078.5	17464.3	21856.1	24521.5	27192.9	29858.3	32529.7	34165.3
67.5°	2029.3	3137.9	6972.4	10812.9	14647.5	18482.0	20444.6	22413.4	24376.1	26344.8	27616.9
70°	1496.2	2235.3	4846.1	7457.0	10061.8	12672.7	14471.8	16270.9	18064.0	19863.1	21183.7
72.5°	1035.9	1429.6	2992.5	4561.4	6124.3	7687.2	9510.5	11333.9	13151.2	14974.6	16476.9
75°	708.7	878.4	1611.3	2344.3	3077.3	3810.3	5191.4	6572.6	7953.7	9334.9	10128.4
77.5°	527.0	617.9	836.0	1060.1	1278.2	1496.2	1762.8	2029.3	2295.9	2562.4	2907.7
80°	290.8	290.8	321.1	345.3	375.6	399.8	472.5	551.2	623.9	702.7	799.6
82.5°	133.3	139.3	151.4	163.6	169.6	181.7	193.8	206.0	218.1	230.2	230.2
85°	36.3	42.4	42.4	36.3	36.3	30.3	30.3	36.3	36.3	36.3	36.3
87.5°	6.1	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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	72.7	66.6	66.6	66.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
5°	84.8	84.8	84.8	84.8	78.7	78.7	78.7	78.7	78.7	72.7	72.7
7.5°	103.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	90.9	90.9
10°	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	115.1	115.1
12.5°	151.4	151.4	151.4	151.4	157.5	157.5	151.4	151.4	151.4	145.4	145.4
15°	199.9	206.0	212.0	212.0	218.1	218.1	218.1	212.0	212.0	206.0	199.9
17.5°	339.2	357.4	381.6	405.9	430.1	448.3	448.3	436.2	424.0	411.9	399.8
20°	902.6	993.5	1090.4	1187.3	1290.3	1363.0	1314.5	1278.2	1241.8	1199.4	1163.1
22.5°	2392.8	2647.2	2907.7	3089.4	3271.1	3398.4	3295.4	3095.5	2895.6	2701.7	2501.8
25°	4464.5	4930.9	5403.4	5597.3	5797.2	5942.6	5875.9	5573.1	5270.2	4973.4	4670.5
27.5°	6657.4	7311.6	7971.9	8141.5	8311.1	8438.3	8414.1	8020.4	7626.6	7232.9	6839.1
30°	8462.6	9068.3	9674.1	9843.7	10013.3	10128.4	10001.2	9607.5	9213.7	8820.0	8426.2
32.5°	9952.8	10594.9	11243.0	11467.2	11691.3	11842.8	11691.3	11218.8	10746.3	10279.9	9807.4
35°	11485.3	12266.8	13054.3	13339.0	13623.7	13805.4	13551.0	12969.5	12387.9	11812.5	11230.9
37.5°	13181.5	14132.6	15089.7	15477.4	15871.1	16143.7	15949.9	15222.9	14490.0	13763.0	13030.1
40°	15501.6	16731.3	17967.1	18663.7	19354.3	19844.9	19499.7	18657.6	17809.6	16967.5	16119.5
42.5°	19838.9	21728.9	23618.9	24618.4	25611.8	26332.7	25945.0	24909.2	23873.3	22837.4	21801.6
45°	26538.7	28955.7	31378.8	32838.7	34304.6	35382.9	34934.6	33632.2	32323.7	31021.3	29718.9
47.5°	33547.4	36430.9	39314.3	40477.4	41646.5	42555.2	42446.1	40822.7	39199.2	37581.8	35958.4
50°	38635.8	41501.1	44366.4	45365.9	46371.5	47116.6	46837.9	44772.3	42700.5	40634.9	38563.2
52.5°	40332.0	43100.3	45874.8	47068.1	48261.5	49152.0	48812.7	46486.6	44160.4	41840.4	39514.2
55°	41119.5	43996.9	46874.3	48328.1	49788.0	50854.2	50363.5	47813.2	45256.9	42706.6	40150.3
57.5°	42100.8	45184.2	48267.5	49860.7	51453.9	52604.8	51950.6	49309.5	46668.3	44033.2	41392.1
60°	42839.9	45911.1	48988.4	50266.6	51550.8	52447.3	51817.3	49248.9	46674.4	44105.9	41537.5
62.5°	41204.3	43566.8	45929.3	46880.3	47831.4	48522.0	48164.6	45729.4	43294.2	40859.0	38423.8
65°	35806.9	37442.5	39084.1	39726.2	40362.3	40853.0	40743.9	38690.4	36636.8	34589.3	32535.8
67.5°	28895.1	30167.2	31445.4	32354.0	33268.7	33977.5	33898.7	32026.9	30155.1	28283.3	26411.5
70°	22510.3	23830.9	25151.5	26296.4	27447.3	28337.8	28222.7	26484.2	24739.5	23001.0	21256.4
72.5°	17985.2	19487.5	20989.8	21644.1	22298.3	22758.7	22419.5	21104.9	19784.4	18469.8	17149.3
75°	10922.0	11709.5	12503.0	12497.0	12497.0	12424.3	12085.1	11333.9	10582.8	9831.6	9080.5
77.5°	3253.0	3598.3	3943.5	4276.7	4615.9	4870.4	4803.7	4410.0	4010.2	3616.4	3216.6
80°	896.5	987.4	1084.3	1126.7	1169.1	1223.7	1363.0	1266.1	1169.1	1078.3	981.3
82.5°	230.2	230.2	230.2	224.1	218.1	206.0	187.8	175.7	163.6	151.4	139.3
85°	36.3	30.3	30.3	30.3	24.2	24.2	24.2	24.2	18.2	18.2	12.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	60.6	60.6	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	48.5
5°	72.7	72.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	60.6
7.5°	90.9	90.9	84.8	84.8	84.8	84.8	78.7	78.7	78.7	78.7	72.7
10°	115.1	109.0	109.0	103.0	103.0	103.0	96.9	96.9	96.9	90.9	90.9
12.5°	145.4	139.3	139.3	133.3	127.2	127.2	121.2	115.1	109.0	109.0	103.0
15°	193.8	187.8	181.7	175.7	169.6	157.5	151.4	139.3	133.3	127.2	121.2
17.5°	369.5	339.2	308.9	278.7	254.4	230.2	206.0	181.7	169.6	157.5	145.4
20°	1029.8	890.5	757.2	623.9	539.1	454.3	369.5	284.7	248.4	218.1	181.7
22.5°	2229.2	1950.6	1678.0	1399.3	1175.2	957.1	733.0	508.8	424.0	345.3	260.5
25°	4143.4	3610.4	3083.4	2550.3	2126.2	1702.2	1278.2	854.1	696.6	539.1	381.6
27.5°	6148.5	5458.0	4767.4	4076.8	3404.4	2726.0	2047.5	1375.1	1102.5	836.0	563.4
30°	7693.2	6960.3	6233.3	5500.4	4652.3	3804.2	2950.1	2102.0	1671.9	1241.8	805.7
32.5°	9019.9	8226.3	7438.8	6645.3	5663.9	4682.6	3701.2	2719.9	2180.8	1641.6	1096.4
35°	10334.4	9431.8	8535.3	7632.7	6578.6	5524.6	4470.6	3416.5	2732.0	2047.5	1356.9
37.5°	11933.6	10831.1	9734.7	8638.2	7553.9	6475.7	5391.3	4307.0	3434.7	2568.5	1696.1
40°	14720.1	13314.8	11915.4	10510.1	9244.0	7984.0	6718.0	5451.9	4355.5	3259.0	2156.5
42.5°	20038.8	18276.0	16519.3	14756.5	13005.8	11255.2	9498.4	7747.8	6184.9	4628.1	3065.2
45°	27459.4	25199.9	22946.5	20687.0	18530.4	16380.0	14223.4	12066.9	9692.3	7317.7	4937.0
47.5°	33486.8	31009.2	28537.7	26060.1	23667.3	21280.6	18887.8	16495.0	13454.1	10419.2	7378.2
50°	36206.7	33844.2	31487.8	29125.3	26726.5	24321.6	21916.7	19517.8	16028.6	12545.4	9056.2
52.5°	37121.4	34722.6	32329.8	29931.0	27550.3	25169.6	22789.0	20408.3	16779.8	13157.3	9528.7
55°	37624.2	35092.1	32566.1	30033.9	27471.6	24903.1	22334.6	19772.2	16161.9	12557.6	8947.2
57.5°	38641.9	35885.7	33135.5	30379.2	27459.4	24539.6	21613.8	18694.0	15132.1	11570.2	8008.2
60°	38829.7	36115.9	33408.1	30700.3	27471.6	24242.8	21008.0	17779.3	14241.6	10710.0	7172.3
62.5°	36158.3	33892.7	31633.2	29367.6	26132.8	22898.0	19657.2	16422.4	13036.1	9649.9	6257.6
65°	30579.1	28622.5	26671.9	24715.3	22074.2	19439.1	16797.9	14156.8	11134.0	8117.3	5094.5
67.5°	24497.2	22583.0	20674.8	18760.6	16773.7	14792.8	12805.9	10819.0	8486.8	6154.6	3822.4
70°	19420.9	17579.4	15743.9	13902.4	12145.6	10382.9	8620.1	6863.3	5415.6	3973.8	2526.1
72.5°	15392.5	13629.8	11873.0	10110.3	8517.1	6923.9	5330.8	3737.6	3016.7	2301.9	1581.1
75°	8165.7	7251.0	6342.4	5427.7	4531.1	3628.5	2726.0	1829.4	1544.7	1260.0	969.2
77.5°	2816.8	2417.0	2023.3	1623.5	1350.9	1078.3	805.7	533.1	502.8	478.6	448.3
80°	854.1	726.9	599.7	472.5	418.0	363.5	308.9	254.4	236.2	218.1	193.8
82.5°	133.3	121.2	115.1	103.0	96.9	96.9	90.9	84.8	72.7	66.6	54.5
85°	12.1	6.1	6.1	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: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	54.5	54.5
2.5°	48.5	48.5
5°	60.6	60.6
7.5°	72.7	72.7
10°	84.8	84.8
12.5°	96.9	96.9
15°	115.1	109.0
17.5°	133.3	127.2
20°	145.4	133.3
22.5°	175.7	151.4
25°	224.1	187.8
27.5°	290.8	230.2
30°	375.6	290.8
32.5°	557.3	405.9
35°	672.4	490.7
37.5°	823.8	569.4
40°	1060.1	690.6
42.5°	1502.3	938.9
45°	2562.4	1556.8
47.5°	4343.4	2653.3
50°	5567.0	3404.4
52.5°	5906.2	3610.4
55°	5342.9	3313.5
57.5°	4446.3	2816.8
60°	3640.7	2320.1
62.5°	2871.3	1835.5
65°	2071.7	1387.2
67.5°	1490.2	1066.2
70°	1084.3	836.0
72.5°	860.2	696.6
75°	684.5	581.5
77.5°	424.0	387.7
80°	175.7	163.6
82.5°	42.4	36.3
85°	0.0	0.0
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1067816

CATALOG NUMBER: NAV-SA5D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

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

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram

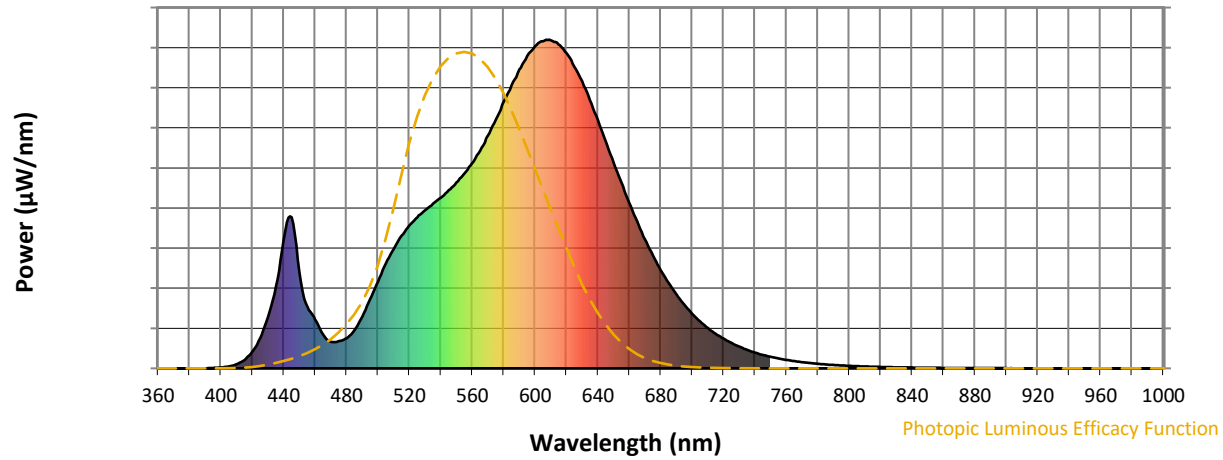


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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

REPORT NUMBER: SP1-2407-184-8

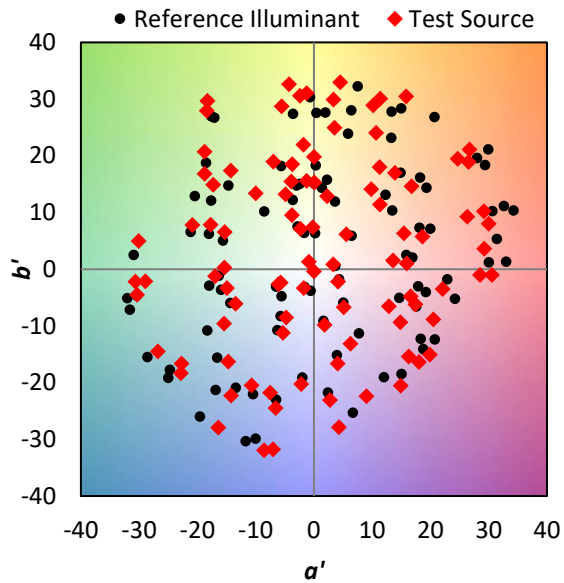
TM-30-18

Summary

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



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)