

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: McGRAW-EDISON

Report Number: P1049090

Luminaire Tested: **GALN-SA7B-760-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049090
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28608.8 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

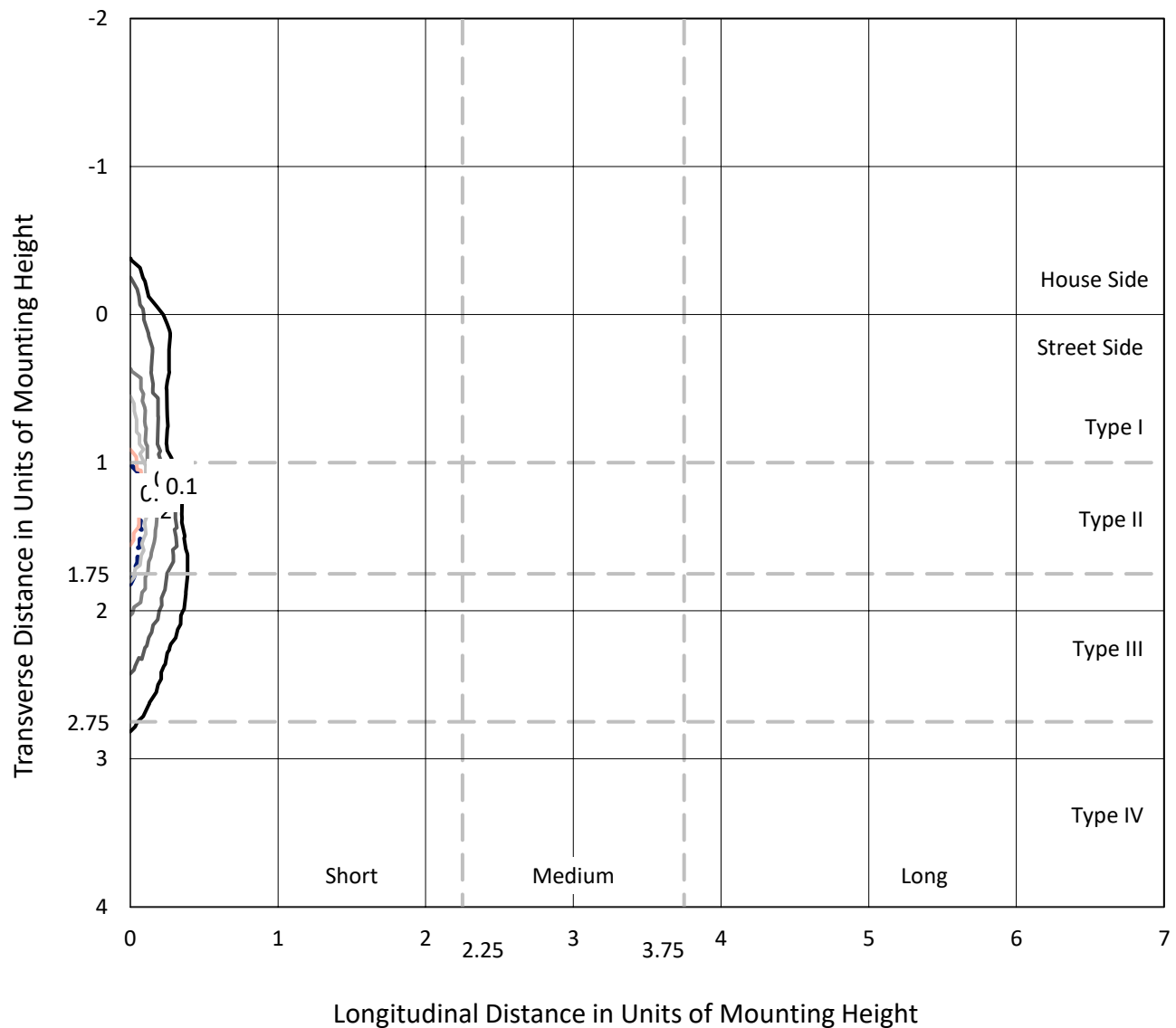
Input Watts (W): 249.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

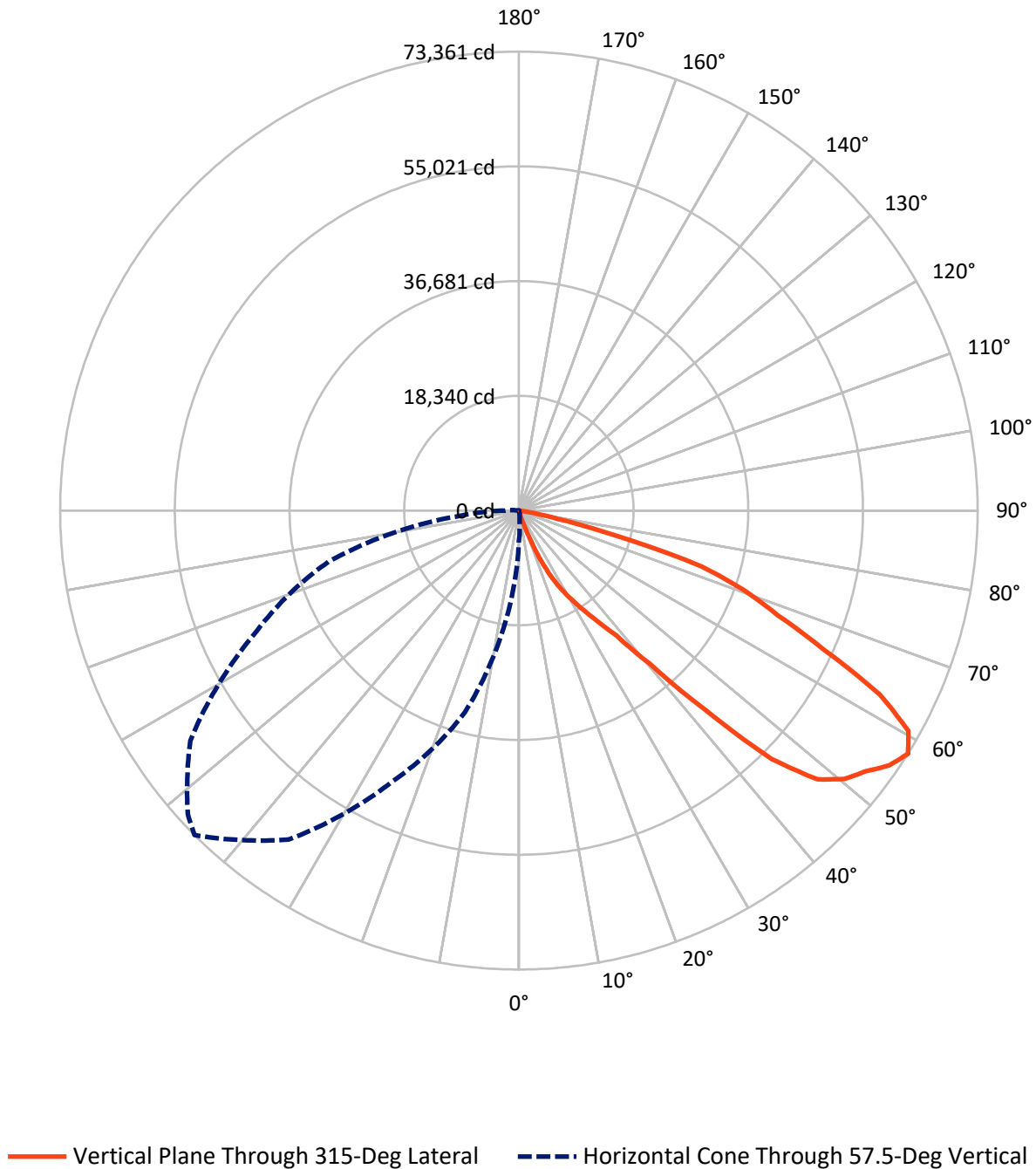
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 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	143.3	0.0	143.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	28465.5	0.0	28465.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	28608.8	0.0	28608.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.0
10°-20°	62.9	0.2
20°-30°	678.0	2.4
30°-40°	2004.9	7.0
40°-50°	5975.2	20.9
50°-60°	9474.5	33.1
60°-70°	7908.9	27.6
70°-80°	2438.8	8.5
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°	28608.8	100.0
0°-180°	28608.8	100.0



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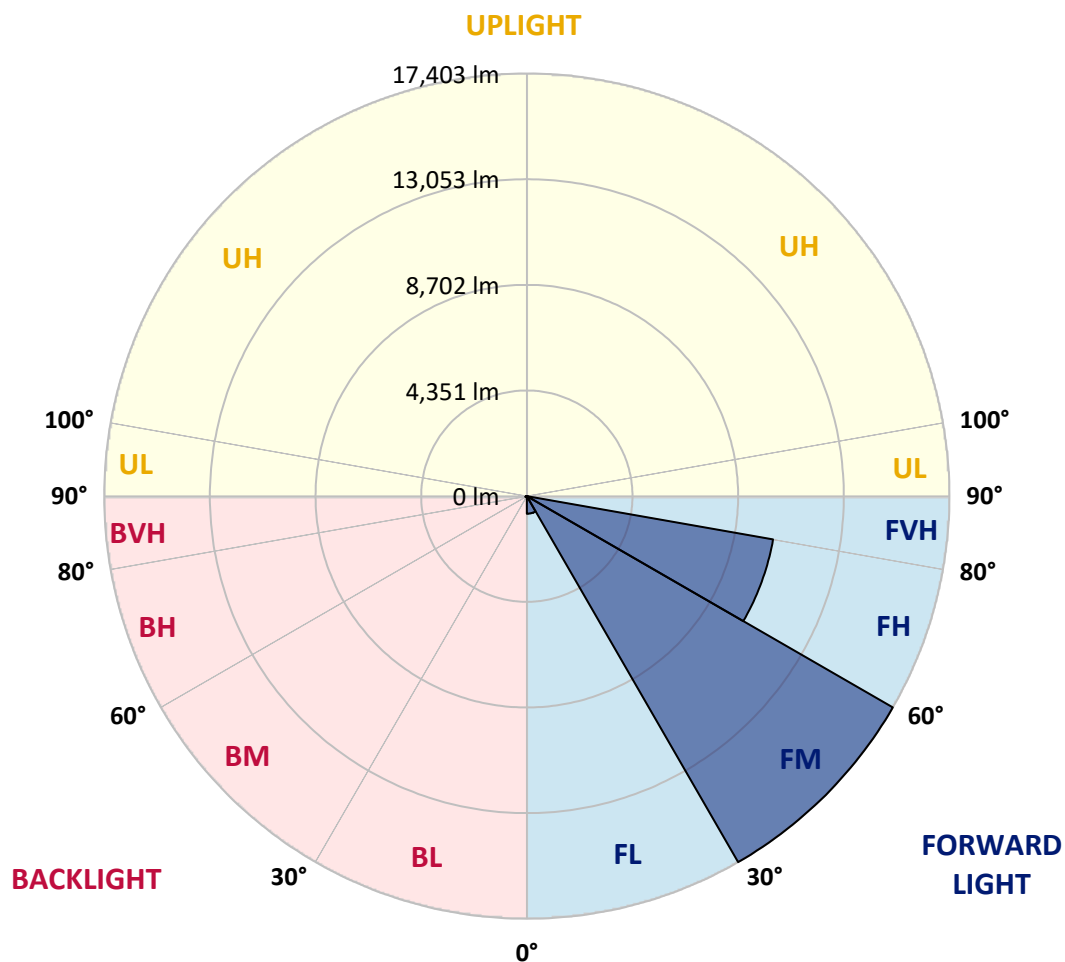
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	725.7	2.5			
FM	(30°-60°)	17403.5	60.8			
FH	(60°-80°)	10294.3	36.0			G4/12000
FVH	(80°-90°)	41.9	0.1			G1/100
BL	(0°-30°)	26.3	0.1	B0/110		
BM	(30°-60°)	51.2	0.2	B0/220		
BH	(60°-80°)	53.4	0.2	B0/110		G0/110
BVH	(80°-90°)	12.3	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°
0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
2.5°	114.6	114.6	114.6	114.6	112.4	112.4	110.3	110.3	108.1	108.1
5°	121.1	121.1	118.9	116.7	116.7	114.6	112.4	110.3	110.3	108.1
7.5°	131.9	129.7	127.6	125.4	121.1	118.9	114.6	112.4	110.3	105.9
10°	144.8	140.5	136.2	131.9	127.6	123.2	118.9	116.7	112.4	110.3
12.5°	162.1	155.7	147.0	140.5	136.2	129.7	125.4	121.1	114.6	110.3
15°	177.3	168.6	157.8	149.2	142.7	134.0	127.6	121.1	116.7	110.3
17.5°	198.9	183.8	166.5	155.7	147.0	136.2	125.4	118.9	112.4	103.8
20°	235.7	205.4	173.0	160.0	147.0	134.0	121.1	112.4	105.9	97.3
22.5°	294.0	242.1	190.3	170.8	153.5	134.0	116.7	108.1	99.4	90.8
25°	406.4	313.5	220.5	194.6	168.6	142.7	116.7	105.9	97.3	86.5
27.5°	540.5	402.1	261.6	224.8	190.3	153.5	116.7	103.8	93.0	80.0
30°	676.7	492.9	307.0	259.4	211.9	164.3	116.7	101.6	88.6	73.5
32.5°	806.4	577.2	345.9	289.7	233.5	175.1	118.9	101.6	84.3	67.0
35°	938.3	646.4	352.4	294.0	235.7	175.1	116.7	97.3	80.0	60.5
37.5°	1106.9	724.2	339.4	281.1	224.8	166.5	110.3	93.0	75.7	56.2
40°	1362.0	854.0	345.9	285.4	224.8	164.3	103.8	86.5	71.3	54.0
42.5°	1833.3	1104.8	374.0	304.8	235.7	164.3	95.1	80.0	67.0	51.9
45°	3169.4	1835.5	501.6	397.8	294.0	190.3	86.5	73.5	62.7	49.7
47.5°	5242.7	3072.1	901.5	696.1	492.9	287.5	84.3	73.5	62.7	49.7
50°	6691.2	3913.1	1135.0	873.4	611.8	350.2	88.6	75.7	64.9	51.9
52.5°	6680.4	3973.6	1264.7	970.7	678.8	384.8	93.0	80.0	69.2	56.2
55°	5938.8	3614.8	1288.5	990.2	694.0	395.6	99.4	86.5	73.5	60.5
57.5°	4963.8	3070.0	1176.1	910.2	646.4	380.5	114.6	99.4	86.5	71.3
60°	3926.1	2421.4	916.7	724.2	534.0	341.6	151.3	131.9	114.6	95.1
62.5°	2711.1	1755.5	799.9	642.1	486.4	328.6	173.0	153.5	136.2	116.7
65°	1917.6	1320.9	722.1	588.0	456.2	322.1	188.1	166.5	147.0	125.4
67.5°	1433.4	1050.7	665.9	551.3	436.7	322.1	207.5	181.6	157.8	131.9
70°	1098.3	862.6	624.8	531.8	441.0	348.1	255.1	218.4	183.8	147.0
72.5°	895.0	737.2	577.2	510.2	443.2	376.2	309.2	261.6	214.0	164.3
75°	741.5	631.3	521.0	464.8	410.8	354.6	298.3	255.1	214.0	170.8
77.5°	492.9	449.7	404.3	371.9	339.4	304.8	272.4	235.7	201.1	164.3
80°	173.0	166.5	160.0	173.0	185.9	198.9	211.9	185.9	162.1	136.2
82.5°	25.9	23.8	21.6	23.8	25.9	28.1	30.3	32.4	34.6	36.8
85°	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
90°	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
95°	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
100°	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
105°	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
110°	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	105.9	105.9	103.8	103.8	103.8	101.6	101.6	99.4	99.4	99.4
0.0	5°	103.8	103.8	101.6	99.4	97.3	97.3	95.1	93.0	93.0	90.8
0.0	7.5°	101.6	99.4	97.3	95.1	93.0	90.8	88.6	86.5	86.5	84.3
0.0	10°	103.8	99.4	97.3	93.0	90.8	88.6	84.3	82.2	80.0	80.0
0.0	12.5°	99.4	97.3	93.0	88.6	86.5	82.2	80.0	75.7	73.5	73.5
0.0	15°	99.4	95.1	88.6	84.3	80.0	77.8	73.5	69.2	67.0	64.9
0.0	17.5°	93.0	88.6	82.2	77.8	73.5	69.2	64.9	60.5	58.4	56.2
0.0	20°	84.3	80.0	73.5	67.0	62.7	58.4	54.0	49.7	47.6	45.4
0.0	22.5°	75.7	71.3	64.9	58.4	54.0	49.7	43.2	38.9	36.8	32.4
0.0	25°	71.3	64.9	58.4	51.9	45.4	41.1	34.6	28.1	23.8	19.5
0.0	27.5°	60.5	54.0	47.6	41.1	34.6	28.1	21.6	15.1	10.8	8.6
0.0	30°	51.9	45.4	38.9	32.4	23.8	17.3	10.8	2.2	2.2	2.2
0.0	32.5°	43.2	36.8	28.1	21.6	17.3	10.8	6.5	0.0	0.0	0.0
0.0	35°	34.6	28.1	19.5	13.0	10.8	6.5	4.3	0.0	0.0	0.0
0.0	37.5°	30.3	23.8	15.1	6.5	4.3	4.3	2.2	0.0	0.0	0.0
0.0	40°	28.1	19.5	10.8	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	28.1	19.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	28.1	19.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	28.1	19.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	30.3	21.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	34.6	25.9	17.3	8.6	6.5	4.3	2.2	0.0	0.0	0.0
0.0	55°	43.2	38.9	32.4	28.1	21.6	15.1	6.5	0.0	0.0	0.0
0.0	57.5°	56.2	56.2	54.0	51.9	38.9	25.9	13.0	0.0	0.0	0.0
0.0	60°	75.7	75.7	75.7	75.7	56.2	38.9	19.5	0.0	0.0	0.0
0.0	62.5°	93.0	88.6	82.2	77.8	58.4	38.9	19.5	0.0	0.0	0.0
0.0	65°	93.0	84.3	73.5	62.7	47.6	32.4	15.1	0.0	0.0	0.0
0.0	67.5°	86.5	69.2	49.7	32.4	23.8	17.3	8.6	0.0	0.0	0.0
	70°	86.5	60.5	34.6	8.6	6.5	4.3	2.2	0.0	0.0	0.0
	72.5°	86.5	58.4	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	95.1	64.9	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	95.1	64.9	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	84.3	56.2	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	28.1	19.5	8.6	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
	87.5°	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
	92.5°	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
	97.5°	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
	102.5°	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
	107.5°	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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	97.3	97.3	97.3	95.1	95.1	95.1	95.1	93.0	93.0	93.0
0.0	5°	88.6	88.6	86.5	86.5	84.3	84.3	82.2	82.2	80.0	80.0
0.0	7.5°	82.2	80.0	80.0	77.8	75.7	75.7	73.5	73.5	71.3	69.2
0.0	10°	75.7	73.5	73.5	71.3	69.2	67.0	67.0	64.9	62.7	60.5
0.0	12.5°	69.2	67.0	64.9	62.7	60.5	58.4	58.4	56.2	54.0	51.9
0.0	15°	60.5	58.4	56.2	54.0	51.9	49.7	49.7	47.6	45.4	43.2
0.0	17.5°	51.9	49.7	49.7	47.6	45.4	43.2	41.1	36.8	34.6	32.4
0.0	20°	38.9	36.8	34.6	32.4	30.3	25.9	23.8	19.5	15.1	13.0
0.0	22.5°	25.9	21.6	19.5	15.1	10.8	8.6	6.5	2.2	0.0	0.0
0.0	25°	8.6	6.5	4.3	2.2	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



REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	90.8	90.8	90.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6
0.0	5°	77.8	77.8	77.8	75.7	75.7	73.5	73.5	73.5	71.3	71.3
0.0	7.5°	67.0	64.9	64.9	62.7	62.7	60.5	60.5	60.5	58.4	58.4
0.0	10°	56.2	54.0	54.0	51.9	51.9	49.7	49.7	47.6	47.6	45.4
0.0	12.5°	49.7	47.6	45.4	43.2	43.2	41.1	38.9	38.9	36.8	34.6
0.0	15°	38.9	36.8	34.6	32.4	30.3	28.1	25.9	25.9	23.8	21.6
0.0	17.5°	25.9	21.6	19.5	17.3	17.3	15.1	13.0	10.8	8.6	6.5
0.0	20°	6.5	4.3	2.2	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



REPORT NUMBER: P1049090

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	88.6	86.5	86.5	86.5	88.6	88.6	88.6	88.6	88.6	88.6
0.0	5°	71.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	7.5°	58.4	56.2	56.2	56.2	56.2	54.0	54.0	54.0	54.0	54.0
0.0	10°	45.4	43.2	43.2	43.2	43.2	41.1	41.1	41.1	41.1	41.1
0.0	12.5°	32.4	32.4	30.3	30.3	30.3	28.1	28.1	28.1	28.1	25.9
0.0	15°	19.5	17.3	15.1	15.1	15.1	13.0	13.0	13.0	13.0	10.8
0.0	17.5°	4.3	4.3	2.2	2.2	2.2	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
	70°	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
	75°	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
	80°	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
	85°	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
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	90.8	90.8	93.0	93.0	95.1	99.4	101.6	103.8	108.1	112.4
0.0	5°	71.3	73.5	73.5	75.7	77.8	80.0	82.2	84.3	88.6	93.0
0.0	7.5°	56.2	56.2	58.4	58.4	60.5	64.9	67.0	69.2	73.5	80.0
0.0	10°	43.2	43.2	45.4	45.4	47.6	51.9	54.0	56.2	60.5	67.0
0.0	12.5°	28.1	30.3	30.3	32.4	34.6	38.9	41.1	43.2	47.6	51.9
0.0	15°	13.0	15.1	15.1	17.3	19.5	23.8	25.9	28.1	32.4	38.9
0.0	17.5°	2.2	2.2	4.3	4.3	6.5	8.6	10.8	13.0	19.5	23.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	8.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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
	70°	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
	75°	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
	80°	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
	85°	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
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	118.9	123.2	127.6	131.9	136.2	140.5	142.7	147.0	149.2	151.3
0.0	5°	101.6	105.9	112.4	116.7	121.1	125.4	129.7	131.9	134.0	136.2
0.0	7.5°	88.6	93.0	99.4	103.8	108.1	112.4	116.7	121.1	123.2	125.4
0.0	10°	75.7	82.2	86.5	93.0	97.3	101.6	105.9	110.3	114.6	116.7
0.0	12.5°	60.5	67.0	73.5	77.8	84.3	90.8	95.1	99.4	103.8	108.1
0.0	15°	47.6	54.0	60.5	64.9	71.3	77.8	84.3	88.6	93.0	97.3
0.0	17.5°	34.6	41.1	47.6	51.9	58.4	64.9	69.2	75.7	80.0	84.3
0.0	20°	17.3	23.8	30.3	36.8	43.2	49.7	54.0	60.5	64.9	69.2
0.0	22.5°	2.2	8.6	15.1	19.5	25.9	32.4	36.8	43.2	47.6	51.9
0.0	25°	0.0	2.2	6.5	8.6	10.8	15.1	19.5	23.8	28.1	32.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.3	8.6	13.0	17.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
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
	70°	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
	75°	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
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.3
	85°	0.0	0.0	0.0	0.0	0.0	4.3	6.5	10.8	13.0	15.1
	87.5°	0.0	2.2	4.3	6.5	8.6	13.0	17.3	21.6	23.8	25.9
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
125.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	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											
0.0											
0.0											
0.0											
2.2											
8.6											
19.5											
28.1											
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REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	153.5	153.5	153.5	153.5	151.3	151.3	151.3	149.2	149.2	147.0
0.0	5°	140.5	142.7	142.7	142.7	142.7	142.7	142.7	142.7	140.5	140.5
0.0	7.5°	129.7	131.9	134.0	134.0	136.2	136.2	136.2	134.0	134.0	131.9
0.0	10°	123.2	125.4	125.4	127.6	127.6	127.6	127.6	127.6	127.6	127.6
0.0	12.5°	114.6	116.7	118.9	118.9	121.1	121.1	121.1	121.1	118.9	118.9
0.0	15°	103.8	108.1	110.3	112.4	112.4	114.6	114.6	114.6	114.6	114.6
0.0	17.5°	95.1	99.4	101.6	103.8	103.8	105.9	105.9	108.1	108.1	108.1
0.0	20°	77.8	82.2	84.3	88.6	90.8	93.0	95.1	97.3	97.3	99.4
0.0	22.5°	60.5	64.9	67.0	71.3	73.5	75.7	77.8	80.0	82.2	84.3
0.0	25°	43.2	47.6	49.7	54.0	56.2	58.4	60.5	62.7	62.7	64.9
0.0	27.5°	23.8	28.1	32.4	34.6	38.9	41.1	43.2	45.4	47.6	49.7
0.0	30°	10.8	13.0	15.1	19.5	21.6	23.8	25.9	30.3	32.4	34.6
0.0	32.5°	0.0	0.0	2.2	6.5	8.6	10.8	13.0	15.1	15.1	17.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.3	6.5	8.6
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
	70°	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
	75°	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
	80°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	82.5°	10.8	13.0	15.1	15.1	17.3	17.3	17.3	17.3	15.1	15.1
	85°	21.6	23.8	25.9	25.9	28.1	28.1	28.1	28.1	28.1	28.1
	87.5°	30.3	32.4	34.6	34.6	36.8	36.8	36.8	36.8	36.8	36.8
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
125.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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											
0.0											
0.0											
0.0											
6.5											
15.1											
28.1											
36.8											
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REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	144.8	144.8	142.7	142.7	142.7	142.7	142.7	144.8	147.0	147.0
0.0	5°	138.4	138.4	136.2	136.2	136.2	138.4	138.4	140.5	142.7	144.8
0.0	7.5°	131.9	129.7	129.7	131.9	131.9	134.0	134.0	136.2	138.4	140.5
0.0	10°	127.6	125.4	125.4	125.4	127.6	127.6	129.7	131.9	134.0	136.2
0.0	12.5°	118.9	118.9	118.9	118.9	121.1	121.1	123.2	125.4	129.7	131.9
0.0	15°	114.6	112.4	112.4	112.4	112.4	114.6	114.6	118.9	123.2	125.4
0.0	17.5°	105.9	105.9	103.8	103.8	105.9	105.9	108.1	112.4	116.7	118.9
0.0	20°	97.3	95.1	93.0	93.0	95.1	95.1	97.3	101.6	105.9	108.1
0.0	22.5°	84.3	82.2	82.2	82.2	82.2	84.3	84.3	88.6	95.1	99.4
0.0	25°	67.0	69.2	69.2	71.3	71.3	73.5	75.7	80.0	86.5	90.8
0.0	27.5°	51.9	54.0	54.0	58.4	60.5	62.7	64.9	71.3	77.8	82.2
0.0	30°	38.9	41.1	43.2	45.4	49.7	54.0	58.4	64.9	71.3	75.7
0.0	32.5°	23.8	28.1	30.3	34.6	38.9	43.2	47.6	54.0	62.7	69.2
0.0	35°	17.3	19.5	23.8	25.9	30.3	34.6	38.9	47.6	54.0	62.7
0.0	37.5°	8.6	13.0	17.3	21.6	25.9	30.3	34.6	43.2	51.9	58.4
0.0	40°	6.5	10.8	13.0	17.3	23.8	28.1	32.4	41.1	49.7	58.4
0.0	42.5°	4.3	6.5	8.6	15.1	19.5	25.9	32.4	41.1	49.7	58.4
0.0	45°	4.3	4.3	6.5	13.0	19.5	28.1	34.6	43.2	49.7	58.4
0.0	47.5°	4.3	6.5	8.6	17.3	21.6	28.1	34.6	41.1	49.7	56.2
0.0	50°	6.5	8.6	10.8	19.5	23.8	30.3	34.6	43.2	49.7	58.4
0.0	52.5°	4.3	6.5	8.6	17.3	23.8	32.4	38.9	47.6	56.2	62.7
0.0	55°	2.2	2.2	2.2	13.0	25.9	36.8	49.7	56.2	64.9	71.3
0.0	57.5°	0.0	0.0	0.0	8.6	25.9	41.1	56.2	64.9	73.5	80.0
0.0	60°	0.0	0.0	0.0	8.6	25.9	41.1	56.2	67.0	77.8	88.6
0.0	62.5°	0.0	0.0	0.0	8.6	21.6	34.6	47.6	64.9	84.3	101.6
0.0	65°	0.0	0.0	0.0	6.5	17.3	28.1	38.9	64.9	90.8	114.6
0.0	67.5°	0.0	0.0	0.0	6.5	17.3	25.9	36.8	64.9	90.8	118.9
	70°	0.0	0.0	0.0	6.5	17.3	28.1	38.9	64.9	90.8	116.7
	72.5°	0.0	0.0	0.0	6.5	19.5	30.3	43.2	64.9	86.5	108.1
	75°	0.0	0.0	0.0	8.6	19.5	32.4	45.4	64.9	84.3	101.6
	77.5°	0.0	0.0	0.0	6.5	19.5	30.3	43.2	62.7	82.2	99.4
	80°	6.5	4.3	4.3	10.8	19.5	28.1	36.8	56.2	77.8	97.3
	82.5°	13.0	13.0	10.8	15.1	19.5	25.9	32.4	49.7	69.2	86.5
	85°	25.9	25.9	23.8	25.9	25.9	28.1	30.3	38.9	47.6	56.2
	87.5°	34.6	34.6	32.4	32.4	32.4	30.3	30.3	30.3	30.3	28.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
125.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7											
129.7											
121.1											
118.9											
116.7											
103.8											
64.9											
28.1											
0.0											
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REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	151.3	153.5	153.5	155.7	157.8	160.0	160.0	162.1	162.1	162.1
0.0	5°	149.2	153.5	155.7	157.8	160.0	162.1	164.3	166.5	168.6	168.6
0.0	7.5°	147.0	149.2	153.5	155.7	160.0	162.1	166.5	168.6	170.8	173.0
0.0	10°	142.7	147.0	151.3	155.7	160.0	164.3	168.6	173.0	177.3	179.4
0.0	12.5°	138.4	144.8	149.2	153.5	160.0	166.5	170.8	177.3	181.6	185.9
0.0	15°	136.2	140.5	147.0	151.3	160.0	168.6	175.1	183.8	192.4	198.9
0.0	17.5°	129.7	138.4	144.8	151.3	160.0	170.8	179.4	188.1	201.1	214.0
0.0	20°	121.1	127.6	136.2	142.7	155.7	166.5	179.4	190.3	209.7	229.2
0.0	22.5°	112.4	121.1	127.6	136.2	151.3	164.3	179.4	192.4	224.8	255.1
0.0	25°	103.8	114.6	123.2	131.9	149.2	166.5	183.8	201.1	255.1	309.2
0.0	27.5°	99.4	108.1	118.9	127.6	149.2	173.0	194.6	216.2	302.7	387.0
0.0	30°	93.0	103.8	112.4	123.2	151.3	179.4	207.5	235.7	367.5	499.4
0.0	32.5°	86.5	97.3	108.1	118.9	155.7	192.4	227.0	263.8	436.7	607.5
0.0	35°	80.0	93.0	103.8	114.6	162.1	211.9	259.4	307.0	499.4	689.7
0.0	37.5°	77.8	90.8	101.6	112.4	164.3	214.0	265.9	315.6	505.9	696.1
0.0	40°	80.0	90.8	103.8	114.6	157.8	201.1	242.1	285.4	484.3	681.0
0.0	42.5°	80.0	93.0	105.9	118.9	153.5	188.1	222.7	257.3	477.8	698.3
0.0	45°	77.8	90.8	103.8	116.7	149.2	179.4	211.9	242.1	516.7	789.1
0.0	47.5°	75.7	88.6	101.6	114.6	147.0	179.4	211.9	244.3	668.0	1089.6
0.0	50°	75.7	88.6	99.4	110.3	149.2	190.3	229.2	268.1	972.9	1675.5
0.0	52.5°	80.0	90.8	99.4	108.1	153.5	201.1	246.5	291.9	1236.6	2179.2
0.0	55°	86.5	93.0	101.6	108.1	164.3	218.4	274.6	328.6	1316.6	2304.6
0.0	57.5°	95.1	101.6	108.1	114.6	183.8	252.9	320.0	389.1	1323.1	2254.9
0.0	60°	105.9	114.6	121.1	127.6	201.1	276.7	350.2	423.7	1197.7	1969.5
0.0	62.5°	129.7	140.5	149.2	160.0	231.3	300.5	371.9	441.0	994.5	1547.9
0.0	65°	149.2	157.8	166.5	175.1	244.3	315.6	384.8	454.0	843.2	1232.3
0.0	67.5°	153.5	162.1	168.6	177.3	248.6	320.0	389.1	460.5	722.1	981.5
	70°	155.7	166.5	179.4	190.3	263.8	337.3	408.6	482.1	639.9	797.8
	72.5°	149.2	170.8	190.3	209.7	278.9	345.9	415.1	482.1	594.5	707.0
	75°	149.2	179.4	207.5	235.7	287.5	337.3	389.1	438.9	525.4	611.8
	77.5°	157.8	196.7	235.7	274.6	304.8	332.9	363.2	391.3	447.5	503.7
	80°	157.8	198.9	237.8	278.9	291.9	307.0	320.0	332.9	339.4	345.9
	82.5°	136.2	168.6	201.1	233.5	218.4	203.2	188.1	173.0	162.1	149.2
	85°	69.2	75.7	80.0	84.3	77.8	71.3	64.9	58.4	54.0	47.6
	87.5°	28.1	28.1	25.9	25.9	25.9	25.9	23.8	23.8	23.8	23.8
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
125.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
460.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
639.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
866.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1083.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1230.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1450.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1666.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2099.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3199.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4901.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6170.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6310.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5694.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4868.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3805.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2875.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2123.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.5											
1117.7											
812.9											
611.8											
343.7											
155.7											
45.4											
21.6											
0.0											
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REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	162.1	160.0	160.0	157.8	155.7	153.5	151.3	149.2	147.0	144.8
0.0	5°	168.6	168.6	168.6	166.5	166.5	164.3	164.3	162.1	160.0	157.8
0.0	7.5°	175.1	177.3	177.3	179.4	179.4	179.4	179.4	177.3	177.3	177.3
0.0	10°	185.9	188.1	190.3	192.4	194.6	196.7	196.7	198.9	198.9	198.9
0.0	12.5°	198.9	205.4	209.7	216.2	220.5	227.0	231.3	237.8	242.1	246.5
0.0	15°	218.4	229.2	242.1	252.9	263.8	278.9	296.2	311.3	326.5	350.2
0.0	17.5°	246.5	281.1	315.6	348.1	382.7	458.3	534.0	607.5	683.2	793.4
0.0	20°	300.5	404.3	505.9	609.7	711.3	977.2	1241.0	1506.9	1770.6	2053.8
0.0	22.5°	421.6	676.7	931.8	1186.9	1442.0	1997.6	2551.1	3106.7	3660.2	4310.9
0.0	25°	611.8	1081.0	1550.1	2017.1	2486.2	3355.3	4226.6	5095.7	5964.8	6810.1
0.0	27.5°	890.7	1608.5	2326.2	3041.8	3759.6	4937.9	6118.3	7296.5	8474.8	9430.4
0.0	30°	1234.5	2207.3	3180.2	4153.1	5126.0	6466.4	7806.8	9145.0	10485.4	11529.6
0.0	32.5°	1558.8	2750.0	3941.2	5130.3	6321.5	7847.8	9376.3	10902.7	12429.0	13570.5
0.0	35°	1770.6	3210.5	4652.5	6092.3	7532.2	9183.9	10835.6	12485.2	14136.9	15440.6
0.0	37.5°	1982.5	3645.0	5305.4	6967.9	8628.3	10442.2	12256.0	14069.9	15883.8	17494.4
0.0	40°	2220.3	4170.4	6118.3	8068.4	10016.3	12165.2	14312.0	16461.0	18607.8	20880.0
0.0	42.5°	2633.2	5041.6	7452.2	9860.6	12269.0	15112.0	17954.9	20795.7	23638.6	26881.5
0.0	45°	3409.4	6803.6	10200.0	13594.3	16988.5	20754.6	24522.9	28289.0	32055.1	36370.3
0.0	47.5°	5309.7	9979.5	14647.1	19316.9	23984.5	28051.2	32115.6	36182.2	40246.6	44544.6
0.0	50°	8124.6	13559.7	18994.8	24427.7	29862.9	33542.5	37219.9	40899.6	44577.0	48665.2
0.0	52.5°	10161.1	15823.2	21487.5	27149.6	32811.7	36132.5	39455.4	42776.1	46096.9	49917.0
0.0	55°	10314.6	15944.3	21576.1	27205.8	32835.5	36171.4	39507.3	42843.1	46179.0	50228.3
0.0	57.5°	9132.0	14716.3	20298.4	25882.7	31464.9	35263.4	39059.7	42858.3	46654.6	51032.6
0.0	60°	7767.8	13354.3	18938.6	24525.0	30109.3	34485.1	38863.0	43238.8	47614.5	51715.7
0.0	62.5°	6059.9	11806.3	17554.9	23301.4	29047.8	33490.6	37933.4	42374.0	46816.8	49893.2
0.0	65°	4516.3	10096.3	15676.2	21254.0	26834.0	30392.5	33951.1	37507.5	41066.0	42970.7
0.0	67.5°	3264.5	8077.0	12887.3	17699.8	22510.1	25056.9	27603.6	30148.2	32695.0	34152.1
	70°	2207.3	5541.0	8872.6	12206.3	15537.9	17630.6	19725.5	21818.3	23911.0	25878.4
	72.5°	1528.5	3400.7	5275.1	7147.4	9019.6	11125.3	13228.9	15334.6	17438.2	19520.1
	75°	1013.9	1865.8	2719.7	3571.5	4423.3	5982.1	7543.0	9101.8	10660.5	11901.5
	77.5°	719.9	975.0	1232.3	1487.4	1742.5	2034.4	2328.4	2620.3	2912.1	3355.3
	80°	341.6	374.0	406.4	436.7	469.1	575.1	681.0	786.9	892.9	1005.3
	82.5°	162.1	175.1	188.1	198.9	211.9	222.7	233.5	244.3	255.1	244.3
	85°	43.2	43.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	43.2
	87.5°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.3	17.3	15.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
125.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
376.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
901.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2339.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4961.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7655.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10386.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12576.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14714.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16744.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19107.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23152.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30124.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40685.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48842.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52753.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53737.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54279.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55410.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55814.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52971.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44877.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35611.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27843.6											
21602.1											
13142.4											
3798.5											
1117.7											
231.3											
41.1											
15.1											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	2.5°	140.5	138.4	136.2	134.0	131.9	127.6	127.6	125.4	125.4
0.0	5°	153.5	151.3	149.2	147.0	147.0	144.8	142.7	142.7	140.5
0.0	7.5°	175.1	173.0	170.8	168.6	168.6	166.5	166.5	164.3	164.3
0.0	10°	201.1	201.1	201.1	201.1	201.1	198.9	198.9	198.9	196.7
0.0	12.5°	252.9	255.1	259.4	263.8	270.2	270.2	270.2	268.1	268.1
0.0	15°	400.0	423.7	441.0	458.3	473.5	508.1	503.7	497.2	492.9
0.0	17.5°	1011.8	1119.9	1178.3	1234.5	1292.8	1452.8	1426.9	1400.9	1377.2
0.0	20°	2622.4	2905.6	3093.7	3281.8	3472.1	3772.6	3699.1	3625.6	3552.1
0.0	22.5°	5610.2	6261.0	6544.2	6827.4	7108.5	7471.7	7236.0	7000.4	6766.9
0.0	25°	8498.6	9343.9	9821.7	10299.5	10775.1	10982.6	10675.7	10366.5	10059.5
0.0	27.5°	11341.5	12297.1	12718.7	13138.1	13559.7	13994.2	13613.7	13231.1	12850.6
0.0	30°	13620.2	14664.4	15120.6	15574.6	16030.8	16333.4	15940.0	15544.3	15150.9
0.0	32.5°	15855.7	16997.2	17496.6	17996.0	18493.2	18927.8	18443.5	17957.1	17472.8
0.0	35°	18045.7	19349.4	20036.8	20724.3	21411.8	21816.1	21241.0	20663.8	20088.7
0.0	37.5°	20717.9	22328.5	23098.2	23867.8	24637.5	25374.7	24741.2	24105.6	23472.2
0.0	40°	25424.4	27696.6	28877.0	30059.6	31240.0	32191.3	31391.3	30591.4	29791.5
0.0	42.5°	33367.4	36610.3	38307.4	40002.3	41699.5	43184.7	42343.7	41502.7	40661.7
0.0	45°	45000.8	49316.0	51385.0	53451.8	55520.7	56606.0	55395.4	54182.5	52971.8
0.0	47.5°	53138.3	57436.2	59278.2	61120.2	62962.1	64200.9	62720.0	61239.1	59760.3
0.0	50°	56839.5	60927.8	62776.2	64622.5	66471.0	67454.6	65744.6	64032.3	62322.2
0.0	52.5°	57555.1	61375.3	63580.5	65787.8	67993.0	69307.4	67288.2	65266.8	63247.5
0.0	55°	58329.1	62378.4	64936.0	67495.7	70053.3	71873.6	69590.6	67305.5	65022.5
0.0	57.5°	59786.2	64164.2	66715.3	69264.2	71815.3	73361.1	71071.6	68779.9	66490.4
0.0	60°	59916.0	64015.0	66207.2	68401.6	70593.8	71566.7	69376.6	67184.4	64994.4
0.0	62.5°	56048.3	59124.7	60646.7	62168.7	63690.7	64747.9	62462.7	60175.4	57890.2
0.0	65°	46782.2	48686.9	49899.7	51112.6	52325.4	53585.8	51493.1	49400.3	47307.5
0.0	67.5°	37068.6	38525.7	40123.4	41721.1	43318.8	44665.7	42990.1	41312.5	39637.0
	70°	29811.0	31776.2	33572.7	35369.3	37165.9	38268.5	36586.5	34902.3	33220.3
	72.5°	23684.0	25766.0	27266.4	28764.6	30265.0	30535.2	29298.6	28062.0	26827.5
	75°	14381.2	15622.2	15652.4	15680.5	15710.8	15968.1	14943.3	13918.6	12896.0
	77.5°	4241.7	4684.9	5050.3	5413.5	5778.9	6219.9	5843.7	5465.4	5089.2
	80°	1228.0	1340.4	1435.5	1528.5	1623.6	1567.4	1478.8	1390.1	1301.5
	82.5°	220.5	207.5	205.4	203.2	203.2	192.4	175.1	157.8	140.5
	85°	38.9	36.8	34.6	32.4	30.3	28.1	23.8	21.6	17.3
	87.5°	13.0	10.8	8.6	6.5	6.5	2.2	2.2	2.2	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	0.0	2.5°	123.2	121.1	121.1	121.1	121.1	118.9	118.9	118.9	118.9
0.0	0.0	5°	136.2	136.2	134.0	134.0	131.9	131.9	129.7	129.7	127.6
0.0	0.0	7.5°	160.0	157.8	155.7	153.5	151.3	147.0	144.8	142.7	142.7
0.0	0.0	10°	192.4	188.1	185.9	181.6	179.4	175.1	170.8	166.5	162.1
0.0	0.0	12.5°	252.9	244.3	237.8	229.2	220.5	214.0	205.4	198.9	190.3
0.0	0.0	15°	438.9	417.3	393.5	365.4	335.1	307.0	276.7	259.4	240.0
0.0	0.0	17.5°	1122.0	1009.6	895.0	802.1	709.1	618.3	525.4	458.3	391.3
0.0	0.0	20°	2855.9	2544.6	2233.3	1926.3	1617.1	1310.1	1001.0	845.3	689.7
0.0	0.0	22.5°	5374.6	4797.3	4217.9	3658.0	3095.9	2536.0	1976.0	1623.6	1273.4
0.0	0.0	25°	8295.4	7568.9	6842.5	5921.5	4998.4	4077.4	3156.4	2583.5	2010.6
0.0	0.0	27.5°	10794.6	9957.9	9121.2	8001.3	6881.5	5761.6	4641.7	3787.7	2935.9
0.0	0.0	30°	12958.7	12059.3	11159.9	9856.3	8552.6	7249.0	5945.3	4877.3	3809.3
0.0	0.0	32.5°	14835.2	13758.6	12681.9	11337.2	9992.5	8647.8	7303.0	5992.9	4682.8
0.0	0.0	35°	16999.3	15743.2	14485.0	12993.3	11499.4	10007.6	8515.9	7037.1	5556.2
0.0	0.0	37.5°	19749.3	18207.8	16664.2	15001.7	13339.2	11678.8	10016.3	8325.6	6635.0
0.0	0.0	40°	25013.6	23024.6	21035.7	18923.4	16809.1	14696.9	12584.6	10509.2	8433.7
0.0	0.0	42.5°	34446.2	31758.9	29071.6	26261.1	23448.4	20637.9	17825.2	14897.9	11968.5
0.0	0.0	45°	45091.6	41757.8	38422.0	35267.7	32111.3	28957.0	25802.7	21785.9	17769.0
0.0	0.0	47.5°	51078.0	47478.3	43878.7	40893.1	37907.4	34921.8	31936.2	27605.8	23275.4
0.0	0.0	50°	53281.0	49616.5	45952.0	43204.2	40454.2	37706.4	34956.4	30619.5	26280.5
0.0	0.0	52.5°	53750.1	50012.1	46274.1	43509.0	40743.9	37980.9	35215.8	30907.1	26598.3
0.0	0.0	55°	54714.3	50703.9	46691.4	43539.3	40387.2	37235.1	34083.0	29705.0	25327.1
0.0	0.0	57.5°	55974.8	51862.7	47750.7	44159.8	40568.8	36980.0	33389.0	28602.4	23815.9
0.0	0.0	60°	55644.0	52066.0	48485.8	44639.7	40791.5	36945.4	33097.1	27832.8	22566.3
0.0	0.0	62.5°	49901.9	47052.4	44200.8	41037.9	37872.8	34709.9	31547.0	26127.0	20707.0
0.0	0.0	65°	41053.1	38973.3	36893.5	34348.9	31802.1	29257.5	26712.9	21852.9	16995.0
0.0	0.0	67.5°	33272.2	30928.7	28583.0	26555.1	24525.0	22497.1	20467.1	16642.6	12818.1
		70°	26434.0	23885.1	21334.0	19353.7	17371.2	15390.8	13410.5	10868.1	8327.8
		72.5°	20992.4	18694.3	16396.1	14283.9	12169.6	10057.3	7943.0	6440.4	4937.9
		75°	10033.6	9114.7	8195.9	7091.2	5986.4	4881.7	3776.9	3121.8	2468.9
		77.5°	3718.5	3223.5	2726.2	2276.5	1826.8	1379.3	929.6	851.8	774.0
		80°	962.1	838.8	713.4	624.8	534.0	445.4	356.7	322.1	289.7
		82.5°	110.3	101.6	95.1	90.8	84.3	80.0	73.5	67.0	60.5
		85°	6.5	4.3	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
		90°	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
		95°	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
		100°	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
		105°	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
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049090

CATALOG NUMBER: GALN-SA7B-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	125.4	125.4
0.0	0.0	2.5°	116.7	114.6
0.0	0.0	5°	123.2	121.1
0.0	0.0	7.5°	136.2	131.9
0.0	0.0	10°	149.2	144.8
0.0	0.0	12.5°	168.6	162.1
0.0	0.0	15°	190.3	177.3
0.0	0.0	17.5°	227.0	198.9
0.0	0.0	20°	307.0	235.7
0.0	0.0	22.5°	432.4	294.0
0.0	0.0	25°	635.6	406.4
0.0	0.0	27.5°	884.2	540.5
0.0	0.0	30°	1176.1	676.7
0.0	0.0	32.5°	1433.4	806.4
0.0	0.0	35°	1768.5	938.3
0.0	0.0	37.5°	2181.4	1106.9
0.0	0.0	40°	2821.3	1362.0
0.0	0.0	42.5°	3973.6	1833.3
0.0	0.0	45°	6453.4	3169.4
0.0	0.0	47.5°	9929.8	5242.7
0.0	0.0	50°	12147.9	6691.2
0.0	0.0	52.5°	12329.5	6680.4
0.0	0.0	55°	11255.1	5938.8
0.0	0.0	57.5°	9603.3	4963.8
0.0	0.0	60°	7981.9	3926.1
0.0	0.0	62.5°	6289.1	2711.1
0.0	0.0	65°	4596.3	1917.6
0.0	0.0	67.5°	3301.3	1433.4
		70°	2170.6	1098.3
		72.5°	1413.9	895.0
		75°	951.3	741.5
		77.5°	555.6	492.9
		80°	196.7	173.0
		82.5°	36.8	25.9
		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: P1049090

CATALOG NUMBER: GALN-SA7B-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

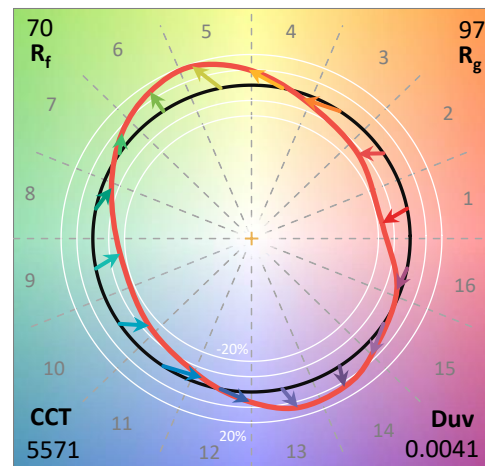
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

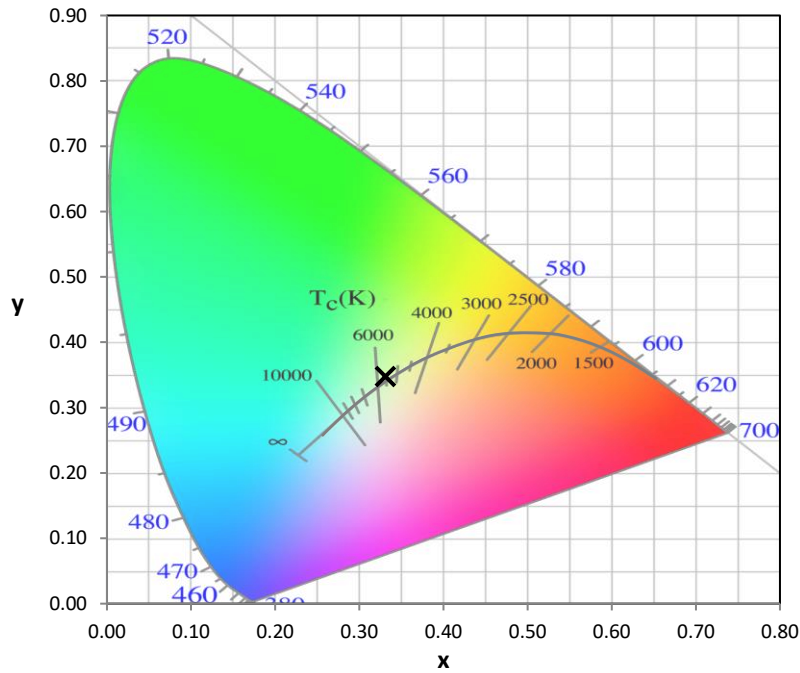
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

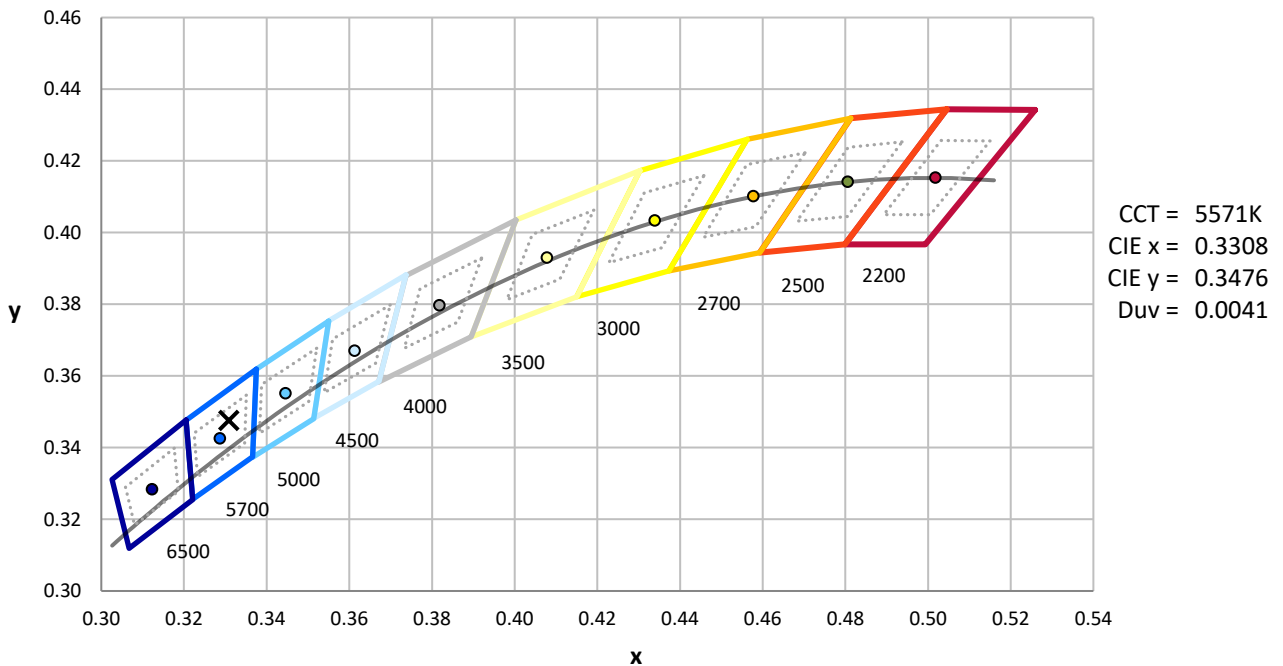
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



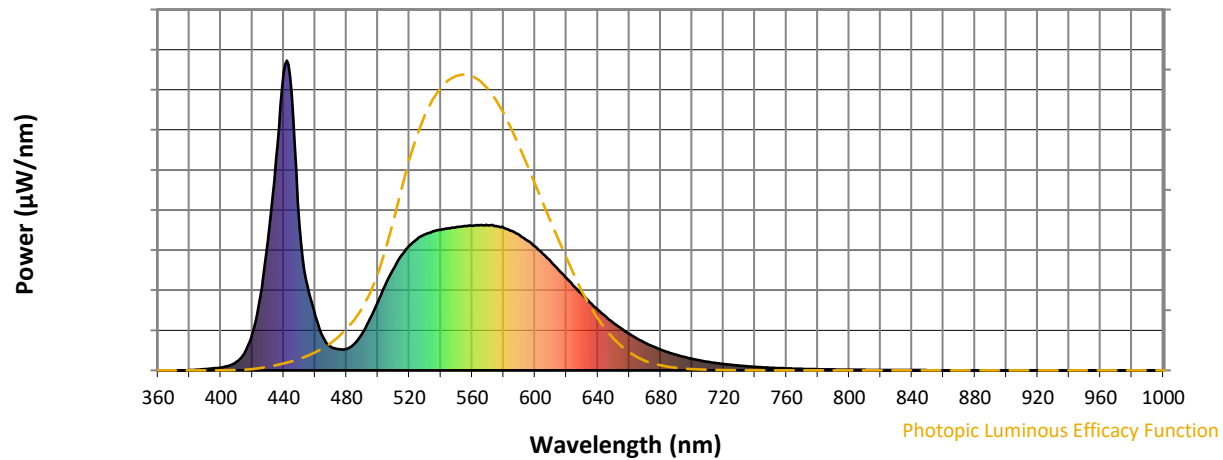
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

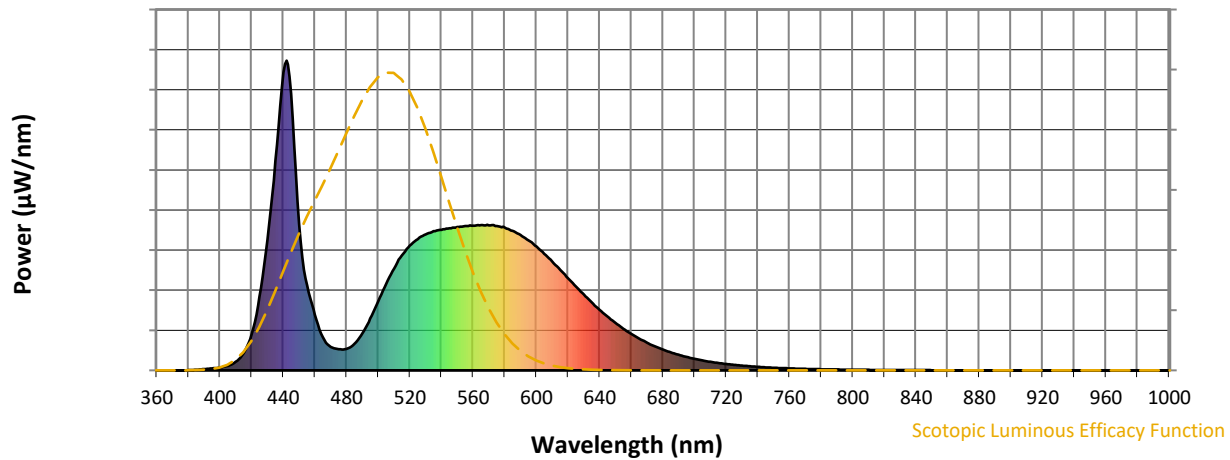


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



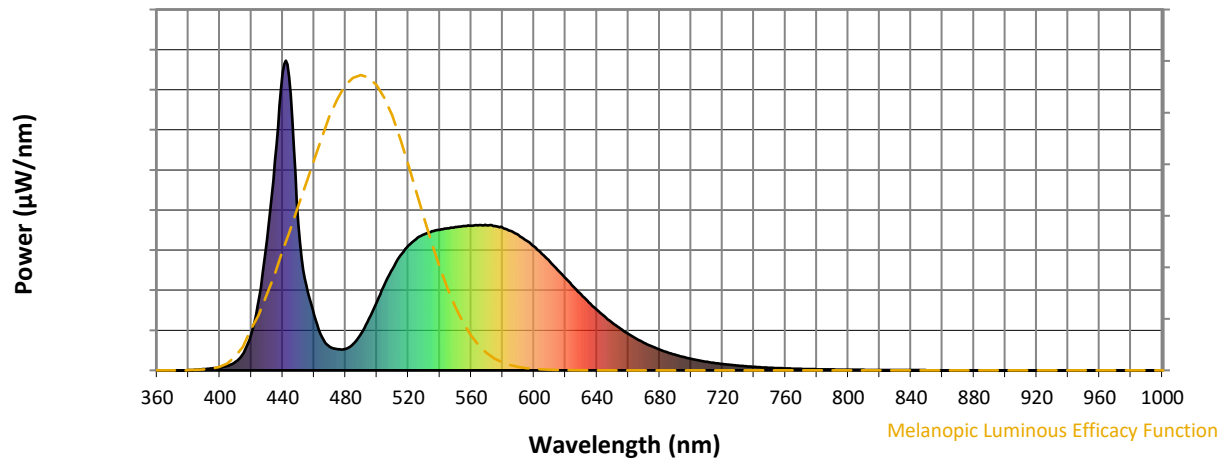
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

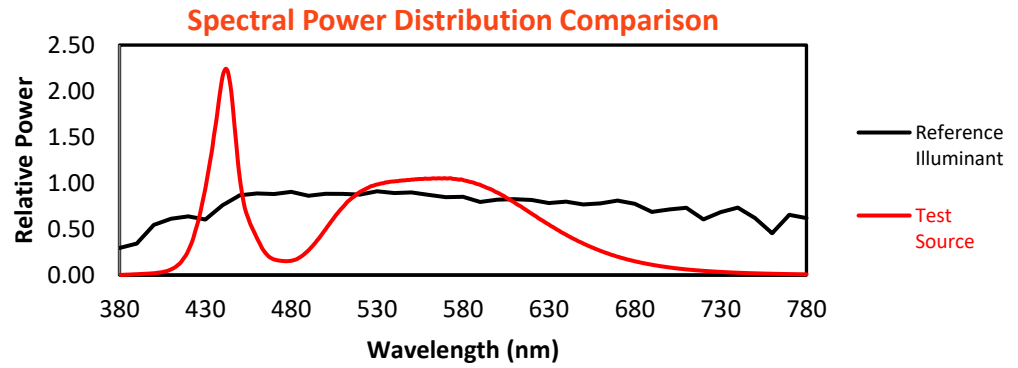
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

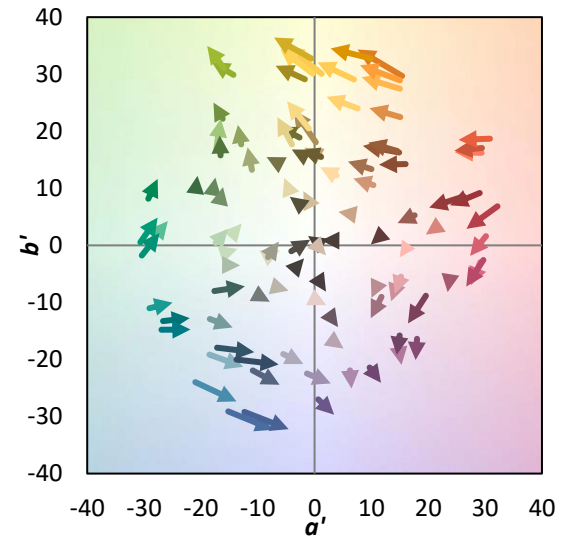
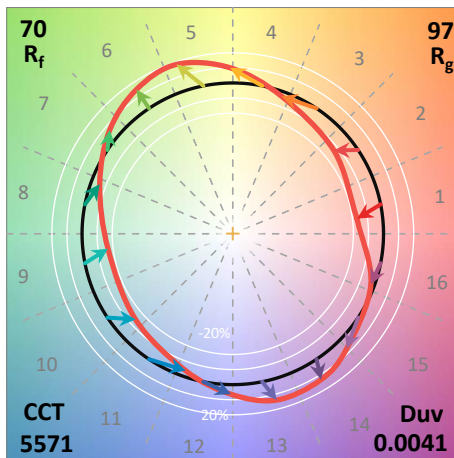
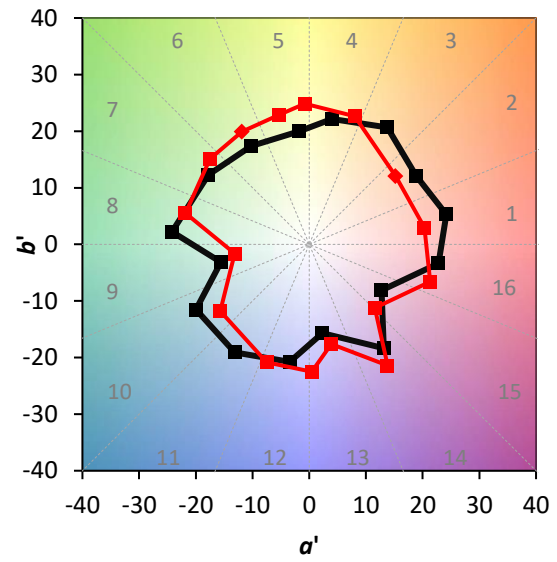
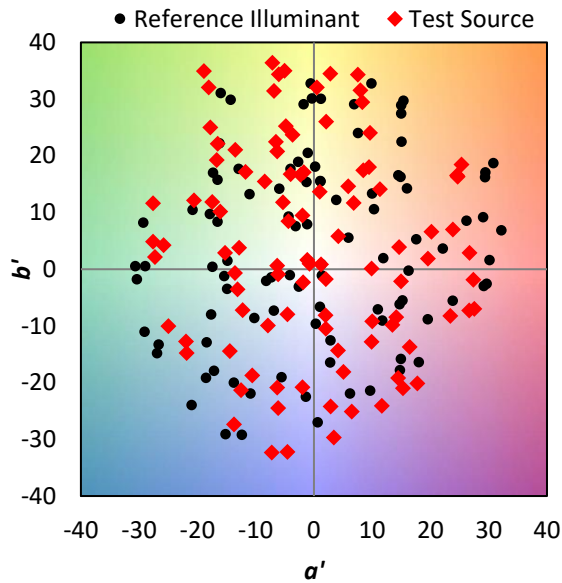
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

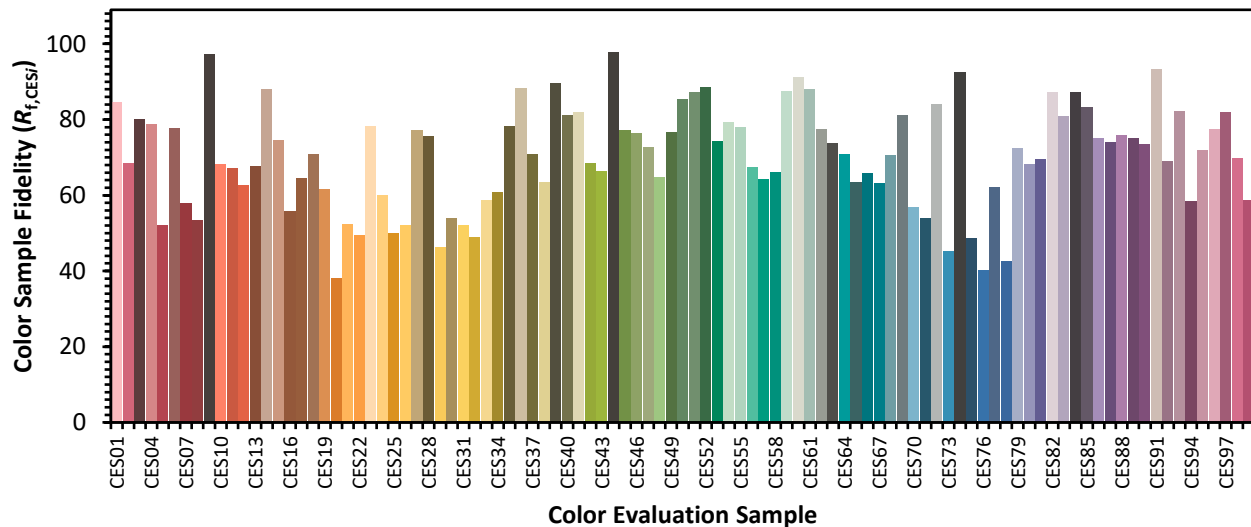


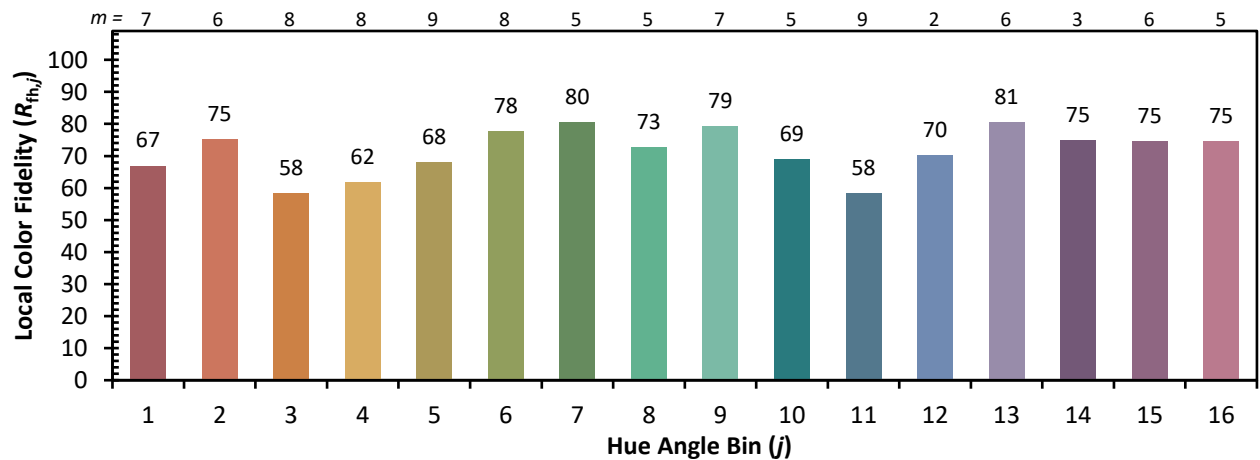
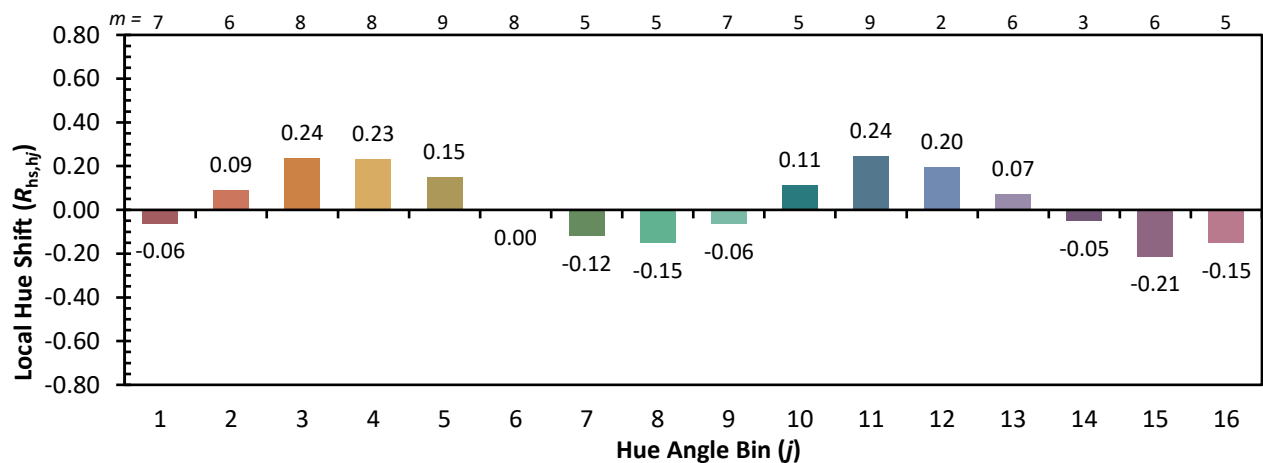
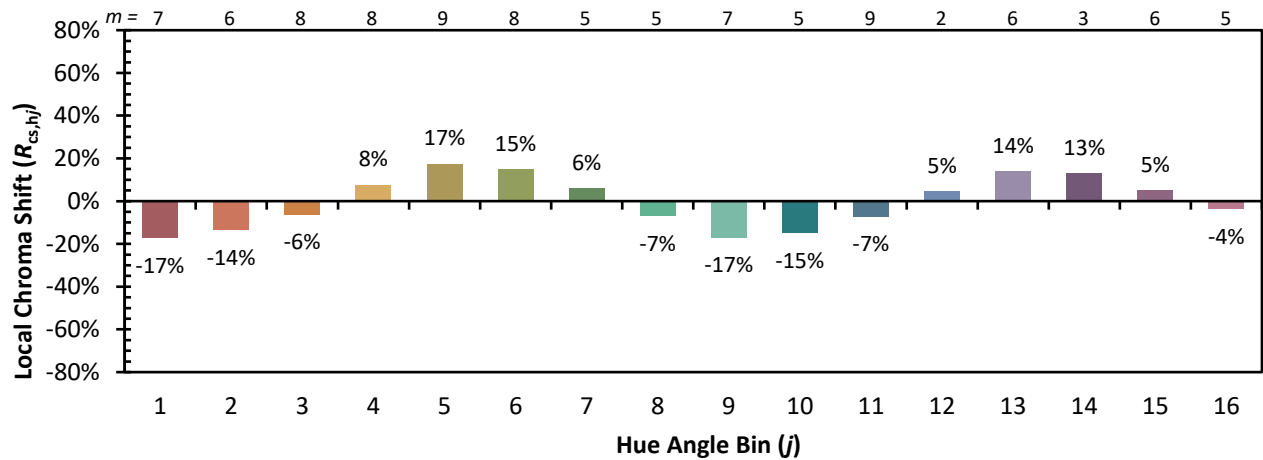
Color Vector Graphics



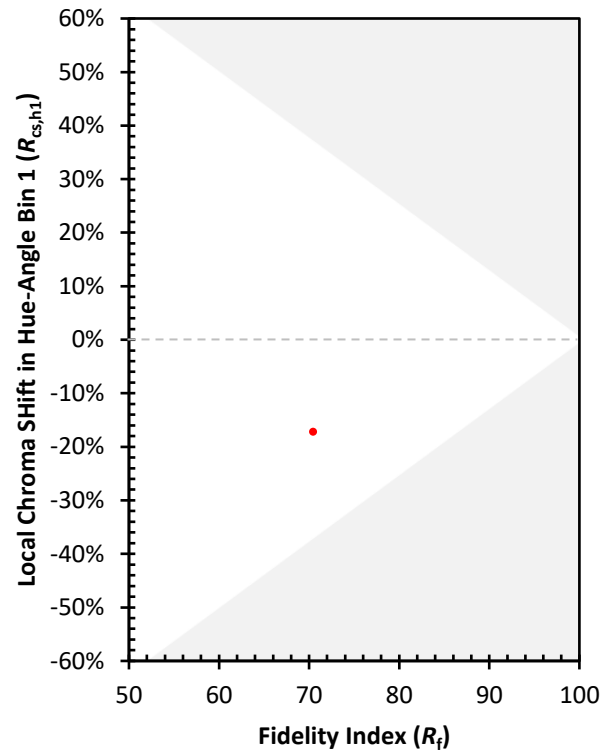
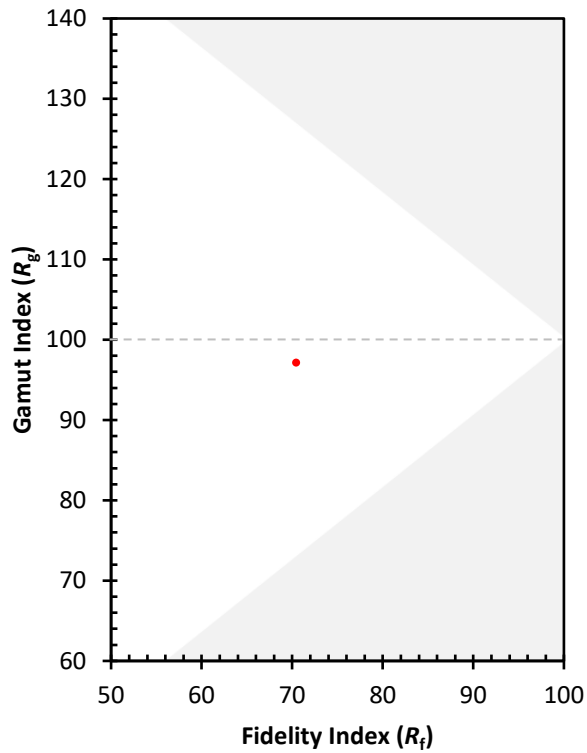
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)