

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: P1049122

Luminaire Tested: **GALN-SA6B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049122
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20935.6 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

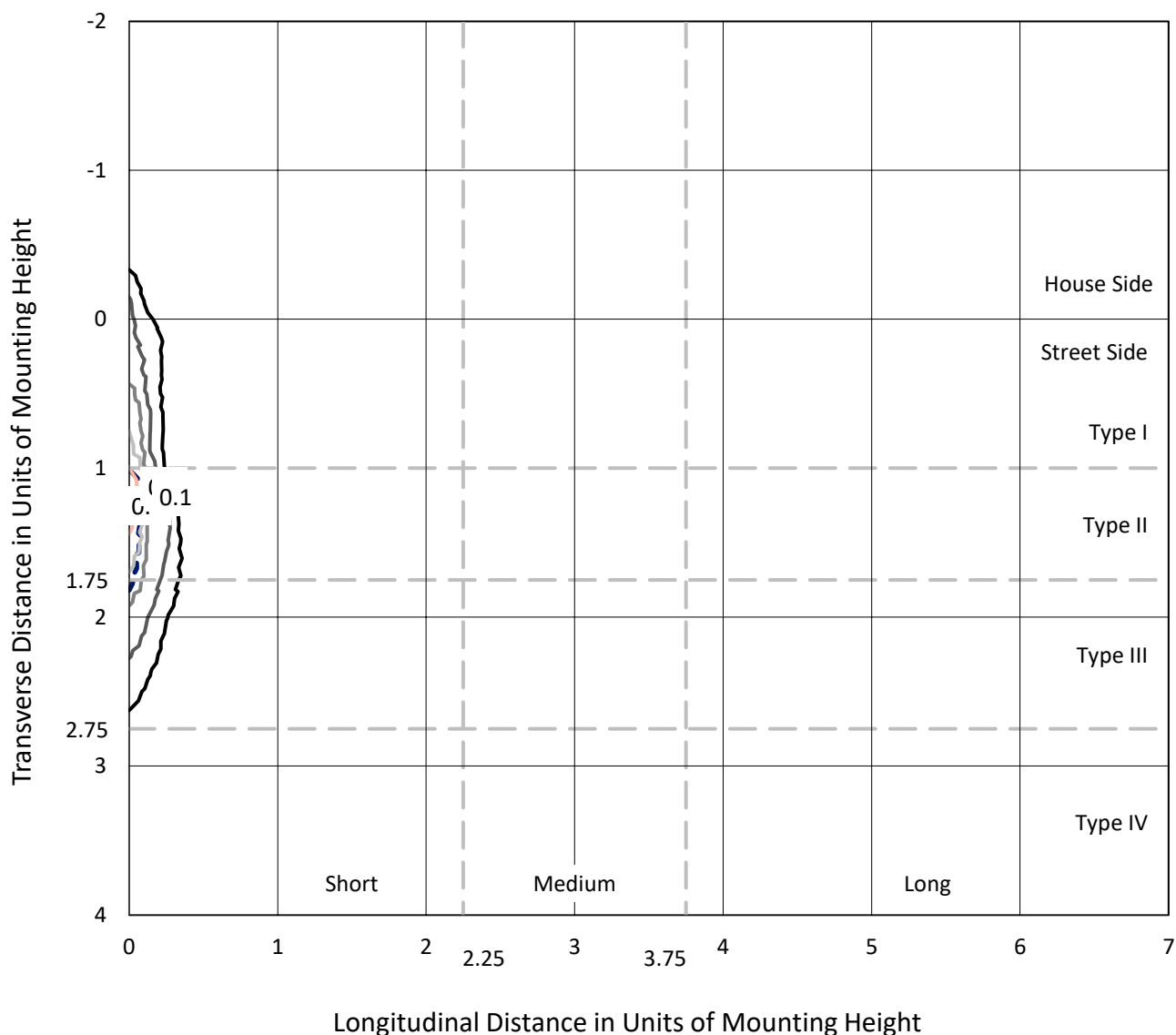
REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

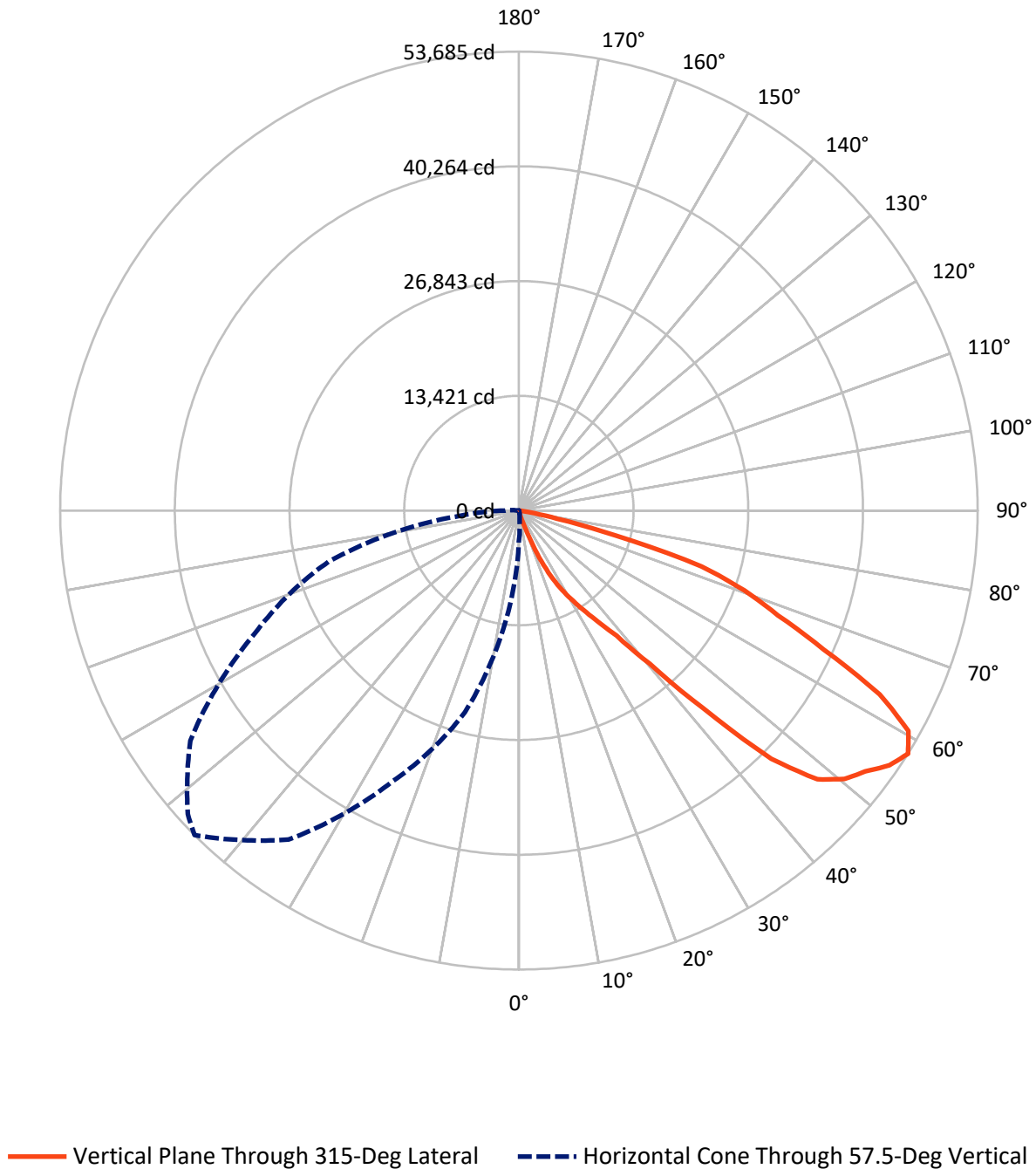


Based on 20 foot mounting height. Maximum calculated value = 3.1 fc

Type III - Short - N/A

REPORT NUMBER: P1049122
CATALOG NUMBER: GALN-SA6B-827-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

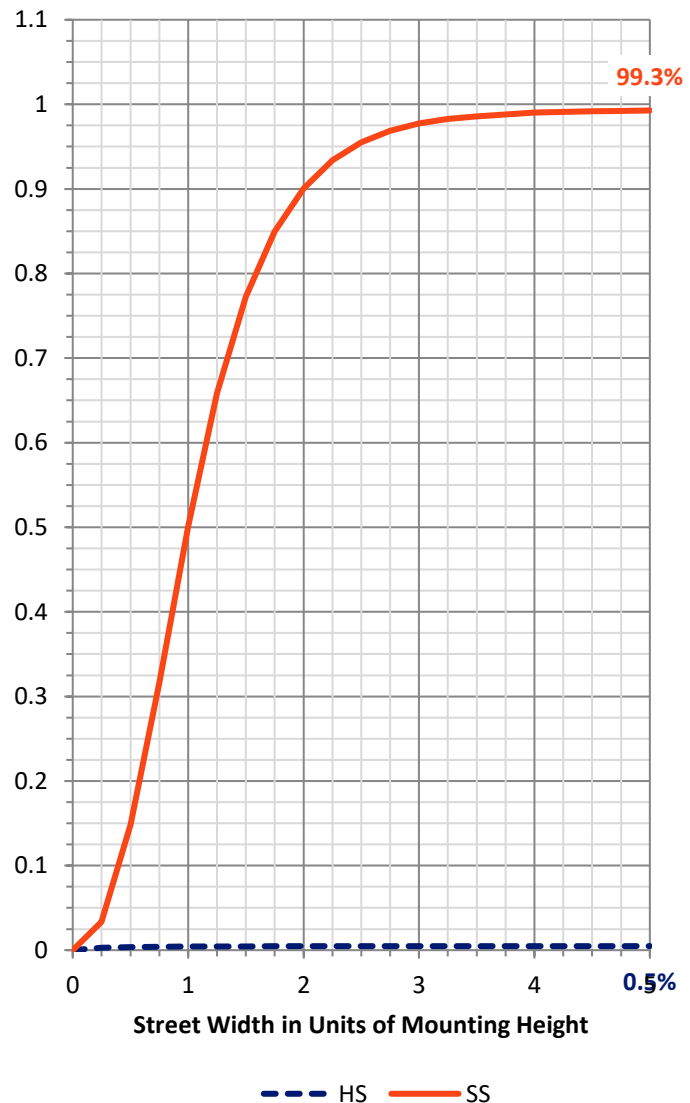
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.8	0.0	104.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20830.8	0.0	20830.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	20935.6	0.0	20935.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.0
10°-20°	46.0	0.2
20°-30°	496.1	2.4
30°-40°	1467.2	7.0
40°-50°	4372.6	20.9
50°-60°	6933.4	33.1
60°-70°	5787.7	27.6
70°-80°	1784.7	8.5
80°-90°	39.7	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°	20935.6	100.0
0°-180°	20935.6	100.0

Coefficient of Utilization



REPORT NUMBER: P1049122

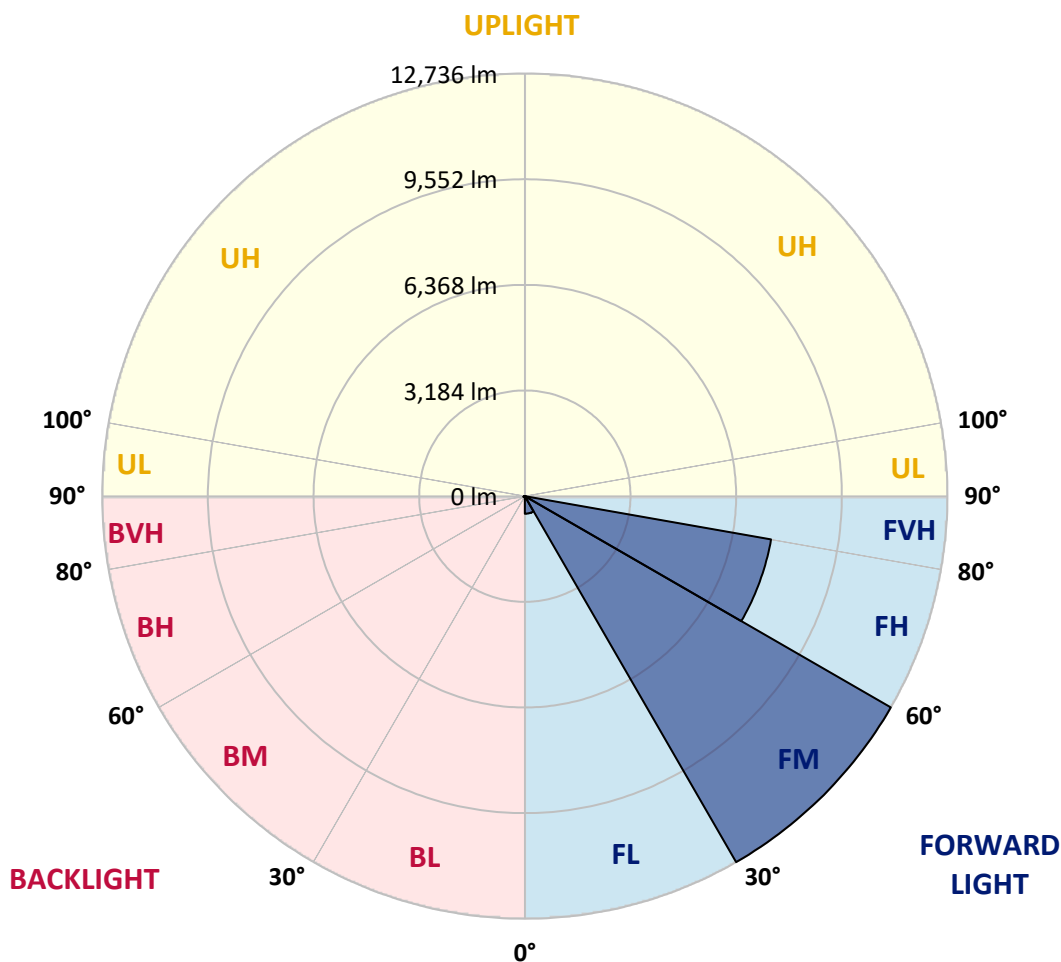
CATALOG NUMBER: GALN-SA6B-827-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	531.1	2.5			
FM	(30°-60°)	12735.7	60.8			
FH	(60°-80°)	7533.3	36.0			G4/12000
FVH	(80°-90°)	30.7	0.1			G1/100
BL	(0°-30°)	19.3	0.1	B0/110		
BM	(30°-60°)	37.5	0.2	B0/220		
BH	(60°-80°)	39.1	0.2	B0/110		G0/110
BVH	(80°-90°)	9.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2.5°	83.9	83.9	83.9	83.9	82.3	82.3	80.7	80.7	79.1	79.1
5°	88.6	88.6	87.0	85.4	85.4	83.9	82.3	80.7	80.7	79.1
7.5°	96.5	94.9	93.3	91.8	88.6	87.0	83.9	82.3	80.7	77.5
10°	106.0	102.8	99.7	96.5	93.3	90.2	87.0	85.4	82.3	80.7
12.5°	118.7	113.9	107.6	102.8	99.7	94.9	91.8	88.6	83.9	80.7
15°	129.7	123.4	115.5	109.2	104.4	98.1	93.3	88.6	85.4	80.7
17.5°	145.6	134.5	121.8	113.9	107.6	99.7	91.8	87.0	82.3	75.9
20°	172.4	150.3	126.6	117.1	107.6	98.1	88.6	82.3	77.5	71.2
22.5°	215.2	177.2	139.2	125.0	112.3	98.1	85.4	79.1	72.8	66.4
25°	297.4	229.4	161.4	142.4	123.4	104.4	85.4	77.5	71.2	63.3
27.5°	395.5	294.3	191.4	164.5	139.2	112.3	85.4	75.9	68.0	58.5
30°	495.2	360.7	224.7	189.9	155.0	120.2	85.4	74.4	64.9	53.8
32.5°	590.1	422.4	253.1	212.0	170.9	128.1	87.0	74.4	61.7	49.0
35°	686.6	473.0	257.9	215.2	172.4	128.1	85.4	71.2	58.5	44.3
37.5°	810.0	530.0	248.4	205.7	164.5	121.8	80.7	68.0	55.4	41.1
40°	996.7	624.9	253.1	208.8	164.5	120.2	75.9	63.3	52.2	39.6
42.5°	1341.6	808.4	273.7	223.1	172.4	120.2	69.6	58.5	49.0	38.0
45°	2319.3	1343.2	367.0	291.1	215.2	139.2	63.3	53.8	45.9	36.4
47.5°	3836.6	2248.1	659.7	509.4	360.7	210.4	61.7	53.8	45.9	36.4
50°	4896.6	2863.6	830.6	639.2	447.7	256.3	64.9	55.4	47.5	38.0
52.5°	4888.7	2907.9	925.5	710.4	496.8	281.6	68.0	58.5	50.6	41.1
55°	4346.0	2645.3	942.9	724.6	507.9	289.5	72.8	63.3	53.8	44.3
57.5°	3632.5	2246.6	860.7	666.1	473.0	278.4	83.9	72.8	63.3	52.2
60°	2873.1	1771.9	670.8	530.0	390.8	250.0	110.7	96.5	83.9	69.6
62.5°	1983.9	1284.7	585.4	469.9	356.0	240.5	126.6	112.3	99.7	85.4
65°	1403.3	966.7	528.4	430.3	333.8	235.7	137.6	121.8	107.6	91.8
67.5°	1048.9	768.9	487.3	403.4	319.6	235.7	151.9	132.9	115.5	96.5
70°	803.7	631.3	457.2	389.2	322.7	254.7	186.7	159.8	134.5	107.6
72.5°	655.0	539.5	422.4	373.4	324.3	275.3	226.2	191.4	156.6	120.2
75°	542.7	462.0	381.3	340.1	300.6	259.5	218.3	186.7	156.6	125.0
77.5°	360.7	329.1	295.9	272.1	248.4	223.1	199.3	172.4	147.1	120.2
80°	126.6	121.8	117.1	126.6	136.1	145.6	155.0	136.1	118.7	99.7
82.5°	19.0	17.4	15.8	17.4	19.0	20.6	22.1	23.7	25.3	26.9
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



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	77.5	77.5	75.9	75.9	75.9	74.4	74.4	72.8	72.8	72.8
0.0	5°	75.9	75.9	74.4	72.8	71.2	71.2	69.6	68.0	68.0	66.4
0.0	7.5°	74.4	72.8	71.2	69.6	68.0	66.4	64.9	63.3	63.3	61.7
0.0	10°	75.9	72.8	71.2	68.0	66.4	64.9	61.7	60.1	58.5	58.5
0.0	12.5°	72.8	71.2	68.0	64.9	63.3	60.1	58.5	55.4	53.8	53.8
0.0	15°	72.8	69.6	64.9	61.7	58.5	57.0	53.8	50.6	49.0	47.5
0.0	17.5°	68.0	64.9	60.1	57.0	53.8	50.6	47.5	44.3	42.7	41.1
0.0	20°	61.7	58.5	53.8	49.0	45.9	42.7	39.6	36.4	34.8	33.2
0.0	22.5°	55.4	52.2	47.5	42.7	39.6	36.4	31.6	28.5	26.9	23.7
0.0	25°	52.2	47.5	42.7	38.0	33.2	30.1	25.3	20.6	17.4	14.2
0.0	27.5°	44.3	39.6	34.8	30.1	25.3	20.6	15.8	11.1	7.9	6.3
0.0	30°	38.0	33.2	28.5	23.7	17.4	12.7	7.9	1.6	1.6	1.6
0.0	32.5°	31.6	26.9	20.6	15.8	12.7	7.9	4.7	0.0	0.0	0.0
0.0	35°	25.3	20.6	14.2	9.5	7.9	4.7	3.2	0.0	0.0	0.0
0.0	37.5°	22.1	17.4	11.1	4.7	3.2	3.2	1.6	0.0	0.0	0.0
0.0	40°	20.6	14.2	7.9	1.6	1.6	1.6	0.0	0.0	0.0	0.0
0.0	42.5°	20.6	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.6	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.6	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	22.1	15.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	25.3	19.0	12.7	6.3	4.7	3.2	1.6	0.0	0.0	0.0
0.0	55°	31.6	28.5	23.7	20.6	15.8	11.1	4.7	0.0	0.0	0.0
0.0	57.5°	41.1	41.1	39.6	38.0	28.5	19.0	9.5	0.0	0.0	0.0
0.0	60°	55.4	55.4	55.4	55.4	41.1	28.5	14.2	0.0	0.0	0.0
0.0	62.5°	68.0	64.9	60.1	57.0	42.7	28.5	14.2	0.0	0.0	0.0
0.0	65°	68.0	61.7	53.8	45.9	34.8	23.7	11.1	0.0	0.0	0.0
0.0	67.5°	63.3	50.6	36.4	23.7	17.4	12.7	6.3	0.0	0.0	0.0
	70°	63.3	44.3	25.3	6.3	4.7	3.2	1.6	0.0	0.0	0.0
	72.5°	63.3	42.7	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	69.6	47.5	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	69.6	47.5	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	61.7	41.1	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.6	14.2	6.3	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



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	71.2	71.2	71.2	69.6	69.6	69.6	69.6	68.0	68.0	68.0
0.0	5°	64.9	64.9	63.3	63.3	61.7	61.7	60.1	60.1	58.5	58.5
0.0	7.5°	60.1	58.5	58.5	57.0	55.4	55.4	53.8	53.8	52.2	50.6
0.0	10°	55.4	53.8	53.8	52.2	50.6	49.0	49.0	47.5	45.9	44.3
0.0	12.5°	50.6	49.0	47.5	45.9	44.3	42.7	42.7	41.1	39.6	38.0
0.0	15°	44.3	42.7	41.1	39.6	38.0	36.4	36.4	34.8	33.2	31.6
0.0	17.5°	38.0	36.4	36.4	34.8	33.2	31.6	30.1	26.9	25.3	23.7
0.0	20°	28.5	26.9	25.3	23.7	22.1	19.0	17.4	14.2	11.1	9.5
0.0	22.5°	19.0	15.8	14.2	11.1	7.9	6.3	4.7	1.6	0.0	0.0
0.0	25°	6.3	4.7	3.2	1.6	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

CATALOG NUMBER: GALN-SA6B-827-U-RBC

[illegible]



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	66.4	66.4	66.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
0.0	5°	57.0	57.0	57.0	55.4	55.4	53.8	53.8	53.8	52.2	52.2
0.0	7.5°	49.0	47.5	47.5	45.9	45.9	44.3	44.3	44.3	42.7	42.7
0.0	10°	41.1	39.6	39.6	38.0	38.0	36.4	36.4	34.8	34.8	33.2
0.0	12.5°	36.4	34.8	33.2	31.6	31.6	30.1	28.5	28.5	26.9	25.3
0.0	15°	28.5	26.9	25.3	23.7	22.1	20.6	19.0	19.0	17.4	15.8
0.0	17.5°	19.0	15.8	14.2	12.7	12.7	11.1	9.5	7.9	6.3	4.7
0.0	20°	4.7	3.2	1.6	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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-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°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	64.9	63.3	63.3	63.3	64.9	64.9	64.9	64.9	64.9	64.9
0.0	5°	52.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
0.0	7.5°	42.7	41.1	41.1	41.1	41.1	39.6	39.6	39.6	39.6	39.6
0.0	10°	33.2	31.6	31.6	31.6	31.6	30.1	30.1	30.1	30.1	30.1
0.0	12.5°	23.7	23.7	22.1	22.1	22.1	20.6	20.6	20.6	20.6	19.0
0.0	15°	14.2	12.7	11.1	11.1	11.1	9.5	9.5	9.5	9.5	7.9
0.0	17.5°	3.2	3.2	1.6	1.6	1.6	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



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	66.4	66.4	68.0	68.0	69.6	72.8	74.4	75.9	79.1	82.3
0.0	5°	52.2	53.8	53.8	55.4	57.0	58.5	60.1	61.7	64.9	68.0
0.0	7.5°	41.1	41.1	42.7	42.7	44.3	47.5	49.0	50.6	53.8	58.5
0.0	10°	31.6	31.6	33.2	33.2	34.8	38.0	39.6	41.1	44.3	49.0
0.0	12.5°	20.6	22.1	22.1	23.7	25.3	28.5	30.1	31.6	34.8	38.0
0.0	15°	9.5	11.1	11.1	12.7	14.2	17.4	19.0	20.6	23.7	28.5
0.0	17.5°	1.6	1.6	3.2	3.2	4.7	6.3	7.9	9.5	14.2	17.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-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°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	87.0	90.2	93.3	96.5	99.7	102.8	104.4	107.6	109.2	110.7
0.0	5°	74.4	77.5	82.3	85.4	88.6	91.8	94.9	96.5	98.1	99.7
0.0	7.5°	64.9	68.0	72.8	75.9	79.1	82.3	85.4	88.6	90.2	91.8
0.0	10°	55.4	60.1	63.3	68.0	71.2	74.4	77.5	80.7	83.9	85.4
0.0	12.5°	44.3	49.0	53.8	57.0	61.7	66.4	69.6	72.8	75.9	79.1
0.0	15°	34.8	39.6	44.3	47.5	52.2	57.0	61.7	64.9	68.0	71.2
0.0	17.5°	25.3	30.1	34.8	38.0	42.7	47.5	50.6	55.4	58.5	61.7
0.0	20°	12.7	17.4	22.1	26.9	31.6	36.4	39.6	44.3	47.5	50.6
0.0	22.5°	1.6	6.3	11.1	14.2	19.0	23.7	26.9	31.6	34.8	38.0
0.0	25°	0.0	1.6	4.7	6.3	7.9	11.1	14.2	17.4	20.6	23.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.6	3.2	6.3	9.5	12.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
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	1.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	3.2
	85°	0.0	0.0	0.0	0.0	0.0	3.2	4.7	7.9	9.5	11.1
	87.5°	0.0	1.6	3.2	4.7	6.3	9.5	12.7	15.8	17.4	19.0
	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



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
91.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	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											
1.6											
6.3											
14.2											
20.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	112.3	112.3	112.3	112.3	110.7	110.7	110.7	109.2	109.2	107.6
0.0	5°	102.8	104.4	104.4	104.4	104.4	104.4	104.4	104.4	102.8	102.8
0.0	7.5°	94.9	96.5	98.1	98.1	99.7	99.7	99.7	98.1	98.1	96.5
0.0	10°	90.2	91.8	91.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0.0	12.5°	83.9	85.4	87.0	87.0	88.6	88.6	88.6	88.6	87.0	87.0
0.0	15°	75.9	79.1	80.7	82.3	82.3	83.9	83.9	83.9	83.9	83.9
0.0	17.5°	69.6	72.8	74.4	75.9	75.9	77.5	77.5	79.1	79.1	79.1
0.0	20°	57.0	60.1	61.7	64.9	66.4	68.0	69.6	71.2	71.2	72.8
0.0	22.5°	44.3	47.5	49.0	52.2	53.8	55.4	57.0	58.5	60.1	61.7
0.0	25°	31.6	34.8	36.4	39.6	41.1	42.7	44.3	45.9	45.9	47.5
0.0	27.5°	17.4	20.6	23.7	25.3	28.5	30.1	31.6	33.2	34.8	36.4
0.0	30°	7.9	9.5	11.1	14.2	15.8	17.4	19.0	22.1	23.7	25.3
0.0	32.5°	0.0	0.0	1.6	4.7	6.3	7.9	9.5	11.1	11.1	12.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2	4.7	6.3
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°	3.2	3.2	3.2	4.7	4.7	4.7	4.7	4.7	4.7	4.7
	82.5°	7.9	9.5	11.1	11.1	12.7	12.7	12.7	12.7	11.1	11.1
	85°	15.8	17.4	19.0	19.0	20.6	20.6	20.6	20.6	20.6	20.6
	87.5°	22.1	23.7	25.3	25.3	26.9	26.9	26.9	26.9	26.9	26.9
	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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
91.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	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											
4.7											
11.1											
20.6											
26.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-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°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	106.0	106.0	104.4	104.4	104.4	104.4	104.4	106.0	107.6	107.6
0.0	5°	101.3	101.3	99.7	99.7	99.7	101.3	101.3	102.8	104.4	106.0
0.0	7.5°	96.5	94.9	94.9	96.5	96.5	98.1	98.1	99.7	101.3	102.8
0.0	10°	93.3	91.8	91.8	91.8	93.3	93.3	94.9	96.5	98.1	99.7
0.0	12.5°	87.0	87.0	87.0	87.0	88.6	88.6	90.2	91.8	94.9	96.5
0.0	15°	83.9	82.3	82.3	82.3	82.3	83.9	83.9	87.0	90.2	91.8
0.0	17.5°	77.5	77.5	75.9	75.9	77.5	77.5	79.1	82.3	85.4	87.0
0.0	20°	71.2	69.6	68.0	68.0	69.6	69.6	71.2	74.4	77.5	79.1
0.0	22.5°	61.7	60.1	60.1	60.1	60.1	61.7	61.7	64.9	69.6	72.8
0.0	25°	49.0	50.6	50.6	52.2	52.2	53.8	55.4	58.5	63.3	66.4
0.0	27.5°	38.0	39.6	39.6	42.7	44.3	45.9	47.5	52.2	57.0	60.1
0.0	30°	28.5	30.1	31.6	33.2	36.4	39.6	42.7	47.5	52.2	55.4
0.0	32.5°	17.4	20.6	22.1	25.3	28.5	31.6	34.8	39.6	45.9	50.6
0.0	35°	12.7	14.2	17.4	19.0	22.1	25.3	28.5	34.8	39.6	45.9
0.0	37.5°	6.3	9.5	12.7	15.8	19.0	22.1	25.3	31.6	38.0	42.7
0.0	40°	4.7	7.9	9.5	12.7	17.4	20.6	23.7	30.1	36.4	42.7
0.0	42.5°	3.2	4.7	6.3	11.1	14.2	19.0	23.7	30.1	36.4	42.7
0.0	45°	3.2	3.2	4.7	9.5	14.2	20.6	25.3	31.6	36.4	42.7
0.0	47.5°	3.2	4.7	6.3	12.7	15.8	20.6	25.3	30.1	36.4	41.1
0.0	50°	4.7	6.3	7.9	14.2	17.4	22.1	25.3	31.6	36.4	42.7
0.0	52.5°	3.2	4.7	6.3	12.7	17.4	23.7	28.5	34.8	41.1	45.9
0.0	55°	1.6	1.6	1.6	9.5	19.0	26.9	36.4	41.1	47.5	52.2
0.0	57.5°	0.0	0.0	0.0	6.3	19.0	30.1	41.1	47.5	53.8	58.5
0.0	60°	0.0	0.0	0.0	6.3	19.0	30.1	41.1	49.0	57.0	64.9
0.0	62.5°	0.0	0.0	0.0	6.3	15.8	25.3	34.8	47.5	61.7	74.4
0.0	65°	0.0	0.0	0.0	4.7	12.7	20.6	28.5	47.5	66.4	83.9
0.0	67.5°	0.0	0.0	0.0	4.7	12.7	19.0	26.9	47.5	66.4	87.0
	70°	0.0	0.0	0.0	4.7	12.7	20.6	28.5	47.5	66.4	85.4
	72.5°	0.0	0.0	0.0	4.7	14.2	22.1	31.6	47.5	63.3	79.1
	75°	0.0	0.0	0.0	6.3	14.2	23.7	33.2	47.5	61.7	74.4
	77.5°	0.0	0.0	0.0	4.7	14.2	22.1	31.6	45.9	60.1	72.8
	80°	4.7	3.2	3.2	7.9	14.2	20.6	26.9	41.1	57.0	71.2
	82.5°	9.5	9.5	7.9	11.1	14.2	19.0	23.7	36.4	50.6	63.3
	85°	19.0	19.0	17.4	19.0	19.0	20.6	22.1	28.5	34.8	41.1
	87.5°	25.3	25.3	23.7	23.7	23.7	22.1	22.1	22.1	22.1	20.6
	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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
91.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4											
94.9											
88.6											
87.0											
85.4											
75.9											
47.5											
20.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	110.7	112.3	112.3	113.9	115.5	117.1	117.1	118.7	118.7	118.7
0.0	5°	109.2	112.3	113.9	115.5	117.1	118.7	120.2	121.8	123.4	123.4
0.0	7.5°	107.6	109.2	112.3	113.9	117.1	118.7	121.8	123.4	125.0	126.6
0.0	10°	104.4	107.6	110.7	113.9	117.1	120.2	123.4	126.6	129.7	131.3
0.0	12.5°	101.3	106.0	109.2	112.3	117.1	121.8	125.0	129.7	132.9	136.1
0.0	15°	99.7	102.8	107.6	110.7	117.1	123.4	128.1	134.5	140.8	145.6
0.0	17.5°	94.9	101.3	106.0	110.7	117.1	125.0	131.3	137.6	147.1	156.6
0.0	20°	88.6	93.3	99.7	104.4	113.9	121.8	131.3	139.2	153.5	167.7
0.0	22.5°	82.3	88.6	93.3	99.7	110.7	120.2	131.3	140.8	164.5	186.7
0.0	25°	75.9	83.9	90.2	96.5	109.2	121.8	134.5	147.1	186.7	226.2
0.0	27.5°	72.8	79.1	87.0	93.3	109.2	126.6	142.4	158.2	221.5	283.2
0.0	30°	68.0	75.9	82.3	90.2	110.7	131.3	151.9	172.4	269.0	365.5
0.0	32.5°	63.3	71.2	79.1	87.0	113.9	140.8	166.1	193.0	319.6	444.6
0.0	35°	58.5	68.0	75.9	83.9	118.7	155.0	189.9	224.7	365.5	504.7
0.0	37.5°	57.0	66.4	74.4	82.3	120.2	156.6	194.6	231.0	370.2	509.4
0.0	40°	58.5	66.4	75.9	83.9	115.5	147.1	177.2	208.8	354.4	498.4
0.0	42.5°	58.5	68.0	77.5	87.0	112.3	137.6	163.0	188.3	349.6	511.0
0.0	45°	57.0	66.4	75.9	85.4	109.2	131.3	155.0	177.2	378.1	577.5
0.0	47.5°	55.4	64.9	74.4	83.9	107.6	131.3	155.0	178.8	488.9	797.4
0.0	50°	55.4	64.9	72.8	80.7	109.2	139.2	167.7	196.2	711.9	1226.1
0.0	52.5°	58.5	66.4	72.8	79.1	112.3	147.1	180.4	213.6	905.0	1594.7
0.0	55°	63.3	68.0	74.4	79.1	120.2	159.8	200.9	240.5	963.5	1686.5
0.0	57.5°	69.6	74.4	79.1	83.9	134.5	185.1	234.1	284.8	968.2	1650.1
0.0	60°	77.5	83.9	88.6	93.3	147.1	202.5	256.3	310.1	876.5	1441.3
0.0	62.5°	94.9	102.8	109.2	117.1	169.3	219.9	272.1	322.7	727.8	1132.8
0.0	65°	109.2	115.5	121.8	128.1	178.8	231.0	281.6	332.2	617.0	901.8
0.0	67.5°	112.3	118.7	123.4	129.7	181.9	234.1	284.8	337.0	528.4	718.3
	70°	113.9	121.8	131.3	139.2	193.0	246.8	299.0	352.8	468.3	583.8
	72.5°	109.2	125.0	139.2	153.5	204.1	253.1	303.8	352.8	435.1	517.3
	75°	109.2	131.3	151.9	172.4	210.4	246.8	284.8	321.2	384.4	447.7
	77.5°	115.5	144.0	172.4	200.9	223.1	243.6	265.8	286.4	327.5	368.6
	80°	115.5	145.6	174.0	204.1	213.6	224.7	234.1	243.6	248.4	253.1
	82.5°	99.7	123.4	147.1	170.9	159.8	148.7	137.6	126.6	118.7	109.2
	85°	50.6	55.4	58.5	61.7	57.0	52.2	47.5	42.7	39.6	34.8
	87.5°	20.6	20.6	19.0	19.0	19.0	19.0	17.4	17.4	17.4	17.4
	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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
91.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
634.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
792.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
980.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1061.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1536.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2341.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3586.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4515.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4618.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4167.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3562.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2784.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2104.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1553.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099.6											
817.9											
594.9											
447.7											
251.6											
113.9											
33.2											
15.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-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°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	118.7	117.1	117.1	115.5	113.9	112.3	110.7	109.2	107.6	106.0
0.0	5°	123.4	123.4	123.4	121.8	121.8	120.2	120.2	118.7	117.1	115.5
0.0	7.5°	128.1	129.7	129.7	131.3	131.3	131.3	131.3	129.7	129.7	129.7
0.0	10°	136.1	137.6	139.2	140.8	142.4	144.0	144.0	145.6	145.6	145.6
0.0	12.5°	145.6	150.3	153.5	158.2	161.4	166.1	169.3	174.0	177.2	180.4
0.0	15°	159.8	167.7	177.2	185.1	193.0	204.1	216.7	227.8	238.9	256.3
0.0	17.5°	180.4	205.7	231.0	254.7	280.0	335.4	390.8	444.6	499.9	580.6
0.0	20°	219.9	295.9	370.2	446.1	520.5	715.1	908.1	1102.7	1295.7	1503.0
0.0	22.5°	308.5	495.2	681.9	868.6	1055.3	1461.8	1866.9	2273.5	2678.5	3154.7
0.0	25°	447.7	791.0	1134.4	1476.1	1819.4	2455.4	3093.0	3729.0	4365.0	4983.6
0.0	27.5°	651.8	1177.1	1702.3	2226.0	2751.2	3613.5	4477.3	5339.5	6201.8	6901.1
0.0	30°	903.4	1615.3	2327.3	3039.2	3751.1	4732.0	5712.9	6692.2	7673.1	8437.3
0.0	32.5°	1140.7	2012.4	2884.1	3754.3	4626.0	5743.0	6861.5	7978.5	9095.4	9930.8
0.0	35°	1295.7	2349.4	3404.7	4458.3	5512.0	6720.7	7929.4	9136.6	10345.3	11299.3
0.0	37.5°	1450.8	2667.4	3882.4	5099.1	6314.1	7641.5	8968.9	10296.2	11623.6	12802.3
0.0	40°	1624.8	3051.8	4477.3	5904.4	7329.8	8902.4	10473.4	12046.0	13617.0	15279.8
0.0	42.5°	1927.0	3689.4	5453.5	7215.9	8978.3	11058.8	13139.2	15218.1	17298.5	19671.7
0.0	45°	2495.0	4978.8	7464.3	9948.2	12432.0	15188.0	17945.6	20701.6	23457.6	26615.5
0.0	47.5°	3885.6	7302.9	10718.6	14136.0	17551.7	20527.6	23501.9	26477.8	29452.1	32597.3
0.0	50°	5945.5	9922.9	13900.2	17876.0	21853.4	24546.1	27237.2	29929.9	32621.1	35612.8
0.0	52.5°	7435.8	11579.3	15724.4	19867.9	24011.3	26441.4	28873.1	31303.2	33733.3	36528.8
0.0	55°	7548.1	11667.9	15789.2	19909.0	24028.7	26469.9	28911.1	31352.2	33793.4	36756.6
0.0	57.5°	6682.7	10769.3	14854.2	18940.8	23025.7	25805.4	28583.6	31363.3	34141.4	37345.2
0.0	60°	5684.4	9772.6	13859.1	17947.2	22033.7	25235.9	28439.6	31641.7	34843.9	37845.1
0.0	62.5°	4434.6	8639.8	12846.5	17051.7	21256.9	24508.1	27759.3	31008.9	34260.1	36511.4
0.0	65°	3305.0	7388.3	11471.7	15553.5	19636.9	22241.0	24845.1	27447.6	30051.8	31445.6
0.0	67.5°	2389.0	5910.7	9430.8	12952.5	16472.7	18336.4	20200.1	22062.2	23925.9	24992.2
	70°	1615.3	4054.9	6492.9	8932.5	11370.5	12901.9	14435.0	15966.4	17497.9	18937.6
	72.5°	1118.5	2488.6	3860.3	5230.4	6600.5	8141.4	9680.8	11221.7	12761.1	14284.7
	75°	742.0	1365.3	1990.3	2613.6	3237.0	4377.6	5519.9	6660.6	7801.3	8709.4
	77.5°	526.8	713.5	901.8	1088.5	1275.2	1488.7	1703.9	1917.5	2131.1	2455.4
	80°	250.0	273.7	297.4	319.6	343.3	420.8	498.4	575.9	653.4	735.7
	82.5°	118.7	128.1	137.6	145.6	155.0	163.0	170.9	178.8	186.7	178.8
	85°	31.6	31.6	33.2	33.2	33.2	33.2	33.2	33.2	33.2	31.6
	87.5°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	12.7	12.7	11.1
	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

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
91.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1711.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3630.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5602.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7600.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9203.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10767.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12253.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13982.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16942.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22044.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29773.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35742.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38604.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39324.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39721.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40548.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40844.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38764.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32841.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26060.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20375.7											
15808.2											
9617.5											
2779.7											
817.9											
169.3											
30.1											
11.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	2.5°	102.8	101.3	99.7	98.1	96.5	93.3	93.3	91.8	91.8
0.0	5°	112.3	110.7	109.2	107.6	107.6	106.0	104.4	104.4	102.8
0.0	7.5°	128.1	126.6	125.0	123.4	123.4	121.8	121.8	120.2	120.2
0.0	10°	147.1	147.1	147.1	147.1	147.1	145.6	145.6	145.6	144.0
0.0	12.5°	185.1	186.7	189.9	193.0	197.8	197.8	197.8	196.2	196.2
0.0	15°	292.7	310.1	322.7	335.4	346.5	371.8	368.6	363.9	360.7
0.0	17.5°	740.4	819.5	862.2	903.4	946.1	1063.2	1044.2	1025.2	1007.8
0.0	20°	1919.1	2126.3	2264.0	2401.6	2540.8	2760.7	2707.0	2653.2	2599.4
0.0	22.5°	4105.5	4581.7	4789.0	4996.2	5201.9	5467.7	5295.2	5122.8	4951.9
0.0	25°	6219.2	6837.8	7187.4	7537.1	7885.1	8037.0	7812.3	7586.1	7361.5
0.0	27.5°	8299.6	8998.9	9307.4	9614.3	9922.9	10240.9	9962.4	9682.4	9403.9
0.0	30°	9967.2	10731.3	11065.1	11397.4	11731.2	11952.7	11664.7	11375.2	11087.3
0.0	32.5°	11603.0	12438.4	12803.8	13169.3	13533.2	13851.2	13496.8	13140.8	12786.4
0.0	35°	13205.7	14159.7	14662.8	15165.9	15669.0	15964.8	15544.0	15121.6	14700.8
0.0	37.5°	15161.1	16339.8	16903.0	17466.2	18029.5	18569.0	18105.4	17640.3	17176.7
0.0	40°	18605.3	20268.1	21131.9	21997.3	22861.2	23557.3	22971.9	22386.5	21801.2
0.0	42.5°	24417.9	26791.1	28033.0	29273.4	30515.3	31602.2	30986.8	30371.3	29755.9
0.0	45°	32931.1	36089.0	37603.1	39115.5	40629.6	41423.8	40537.8	39650.3	38764.3
0.0	47.5°	38886.1	42031.3	43379.3	44727.2	46075.1	46981.7	45897.9	44814.2	43732.1
0.0	50°	41594.7	44586.4	45939.1	47290.2	48642.9	49362.7	48111.3	46858.3	45606.8
0.0	52.5°	42118.3	44913.9	46527.6	48142.9	49756.6	50718.6	49240.9	47761.6	46284.0
0.0	55°	42684.7	45648.0	47519.6	49392.8	51264.4	52596.5	50925.8	49253.5	47582.9
0.0	57.5°	43751.0	46954.8	48821.6	50686.9	52553.8	53685.0	52009.5	50332.5	48657.1
0.0	60°	43846.0	46845.6	48449.8	50055.7	51659.9	52371.8	50769.2	49164.9	47562.3
0.0	62.5°	41015.6	43266.9	44380.7	45494.5	46608.3	47381.9	45709.7	44035.8	42363.6
0.0	65°	34234.8	35628.6	36516.2	37403.7	38291.3	39213.6	37682.2	36150.7	34619.2
0.0	67.5°	27126.5	28192.8	29362.0	30531.1	31700.3	32685.9	31459.8	30232.1	29006.0
	70°	21815.4	23253.5	24568.2	25882.9	27197.7	28004.5	26773.7	25541.2	24310.4
	72.5°	17331.8	18855.3	19953.3	21049.7	22147.6	22345.4	21440.4	20535.5	19632.1
	75°	10524.0	11432.2	11454.3	11474.9	11497.0	11685.3	10935.4	10185.5	9437.2
	77.5°	3104.1	3428.4	3695.8	3961.5	4228.9	4551.7	4276.4	3999.5	3724.2
	80°	898.6	980.9	1050.5	1118.5	1188.1	1147.0	1082.1	1017.3	952.4
	82.5°	161.4	151.9	150.3	148.7	148.7	140.8	128.1	115.5	102.8
	85°	28.5	26.9	25.3	23.7	22.1	20.6	17.4	15.8	12.7
	87.5°	9.5	7.9	6.3	4.7	4.7	1.6	1.6	1.6	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: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-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°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	0.0	2.5°	90.2	88.6	88.6	88.6	88.6	87.0	87.0	87.0	87.0
0.0	0.0	5°	99.7	99.7	98.1	98.1	96.5	96.5	94.9	94.9	93.3
0.0	0.0	7.5°	117.1	115.5	113.9	112.3	110.7	107.6	106.0	104.4	104.4
0.0	0.0	10°	140.8	137.6	136.1	132.9	131.3	128.1	125.0	121.8	118.7
0.0	0.0	12.5°	185.1	178.8	174.0	167.7	161.4	156.6	150.3	145.6	139.2
0.0	0.0	15°	321.2	305.3	287.9	267.4	245.2	224.7	202.5	189.9	175.6
0.0	0.0	17.5°	821.1	738.8	655.0	587.0	518.9	452.5	384.4	335.4	286.4
0.0	0.0	20°	2089.9	1862.1	1634.3	1409.6	1183.4	958.7	732.5	618.6	504.7
0.0	0.0	22.5°	3933.1	3510.7	3086.7	2676.9	2265.5	1855.8	1446.0	1188.1	931.8
0.0	0.0	25°	6070.5	5538.9	5007.3	4333.3	3657.8	2983.8	2309.8	1890.6	1471.3
0.0	0.0	27.5°	7899.4	7287.1	6674.8	5855.3	5035.8	4216.3	3396.7	2771.8	2148.5
0.0	0.0	30°	9483.0	8824.9	8166.7	7212.7	6258.7	5304.7	4350.7	3569.2	2787.6
0.0	0.0	32.5°	10856.3	10068.4	9280.5	8296.5	7312.4	6328.3	5344.3	4385.5	3426.8
0.0	0.0	35°	12440.0	11520.8	10600.0	9508.3	8415.1	7323.5	6231.8	5149.7	4066.0
0.0	0.0	37.5°	14452.4	13324.3	12194.7	10978.1	9761.5	8546.4	7329.8	6092.6	4855.4
0.0	0.0	40°	18304.8	16849.2	15393.7	13848.0	12300.7	10755.0	9209.3	7690.5	6171.7
0.0	0.0	42.5°	25207.4	23240.9	21274.3	19217.6	17159.3	15102.6	13044.3	10902.2	8758.4
0.0	0.0	45°	32997.6	30558.0	28116.9	25808.6	23498.7	21190.5	18882.2	15942.7	13003.2
0.0	0.0	47.5°	37378.4	34744.2	32110.0	29925.2	27740.3	25555.5	23370.6	20201.7	17032.8
0.0	0.0	50°	38990.5	36308.9	33627.3	31616.4	29604.0	27593.2	25580.8	22407.1	19231.9
0.0	0.0	52.5°	39333.9	36598.4	33863.0	31839.5	29816.0	27794.1	25770.6	22617.5	19464.4
0.0	0.0	55°	40039.5	37104.7	34168.3	31861.7	29555.0	27248.3	24941.6	21737.9	18534.2
0.0	0.0	57.5°	40961.8	37952.7	34943.6	32315.7	29687.9	27061.6	24433.8	20931.0	17428.3
0.0	0.0	60°	40719.8	38101.4	35481.5	32666.9	29850.8	27036.3	24220.2	20367.8	16513.8
0.0	0.0	62.5°	36517.7	34432.6	32345.8	30031.2	27715.0	25400.4	23085.8	19119.5	15153.2
0.0	0.0	65°	30042.3	28520.3	26998.3	25136.2	23272.5	21410.4	19548.3	15991.7	12436.8
0.0	0.0	67.5°	24348.3	22633.3	20916.8	19432.8	17947.2	16463.2	14977.6	12178.9	9380.2
		70°	19344.2	17478.9	15612.0	14162.8	12712.1	11262.9	9813.7	7953.2	6094.2
		72.5°	15362.1	13680.3	11998.6	10452.9	8905.6	7359.9	5812.6	4713.0	3613.5
		75°	7342.5	6670.1	5997.7	5189.2	4380.8	3572.4	2763.9	2284.5	1806.7
		77.5°	2721.2	2358.9	1995.0	1665.9	1336.9	1009.4	680.3	623.3	566.4
		80°	704.0	613.8	522.1	457.2	390.8	325.9	261.0	235.7	212.0
		82.5°	80.7	74.4	69.6	66.4	61.7	58.5	53.8	49.0	44.3
		85°	4.7	3.2	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: P1049122
CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	91.8	91.8
0.0	0.0	2.5°	85.4	83.9
0.0	0.0	5°	90.2	88.6
0.0	0.0	7.5°	99.7	96.5
0.0	0.0	10°	109.2	106.0
0.0	0.0	12.5°	123.4	118.7
0.0	0.0	15°	139.2	129.7
0.0	0.0	17.5°	166.1	145.6
0.0	0.0	20°	224.7	172.4
0.0	0.0	22.5°	316.4	215.2
0.0	0.0	25°	465.1	297.4
0.0	0.0	27.5°	647.1	395.5
0.0	0.0	30°	860.7	495.2
0.0	0.0	32.5°	1048.9	590.1
0.0	0.0	35°	1294.1	686.6
0.0	0.0	37.5°	1596.3	810.0
0.0	0.0	40°	2064.6	996.7
0.0	0.0	42.5°	2907.9	1341.6
0.0	0.0	45°	4722.5	2319.3
0.0	0.0	47.5°	7266.5	3836.6
0.0	0.0	50°	8889.7	4896.6
0.0	0.0	52.5°	9022.6	4888.7
0.0	0.0	55°	8236.3	4346.0
0.0	0.0	57.5°	7027.6	3632.5
0.0	0.0	60°	5841.1	2873.1
0.0	0.0	62.5°	4602.3	1983.9
0.0	0.0	65°	3363.5	1403.3
0.0	0.0	67.5°	2415.8	1048.9
		70°	1588.4	803.7
		72.5°	1034.7	655.0
		75°	696.1	542.7
		77.5°	406.6	360.7
		80°	144.0	126.6
		82.5°	26.9	19.0
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049122

CATALOG NUMBER: GALN-SA6B-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

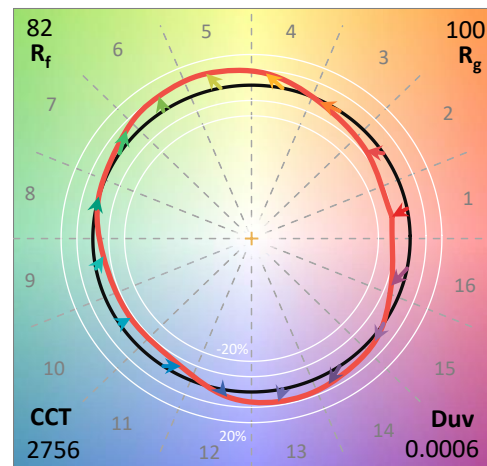
Test Information

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

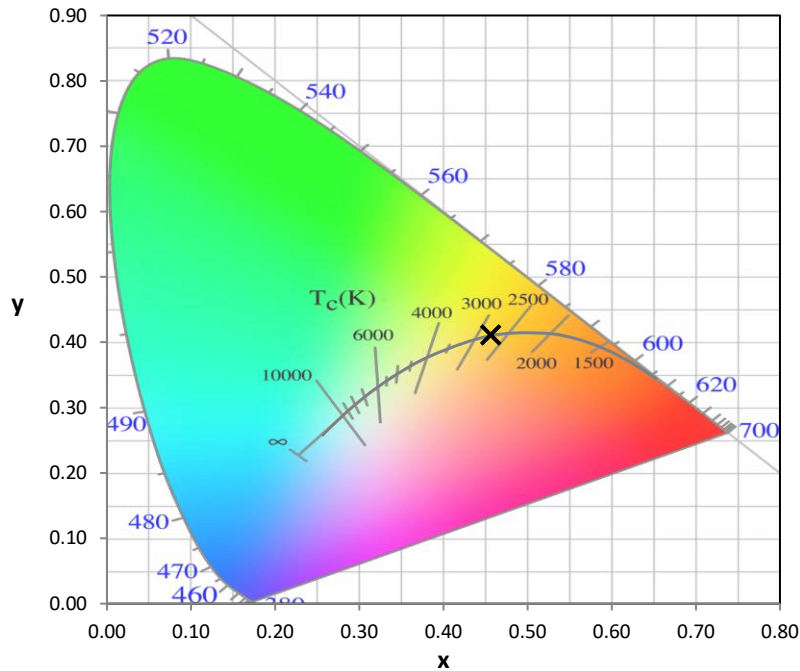
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

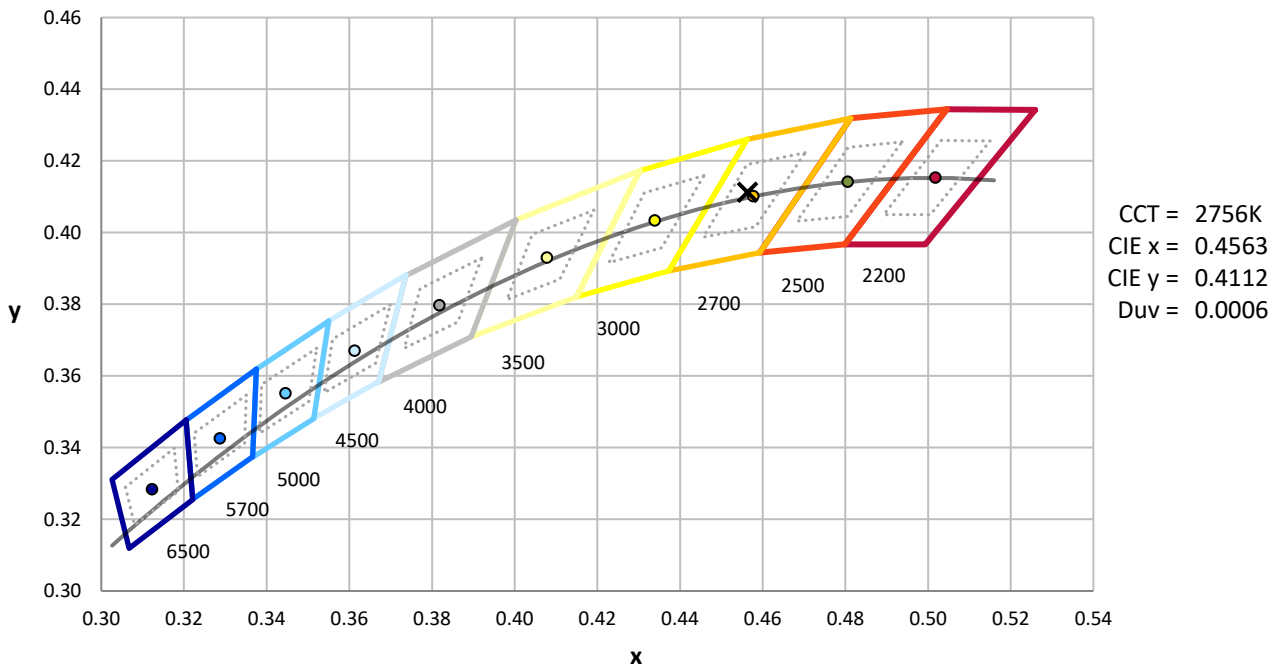
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



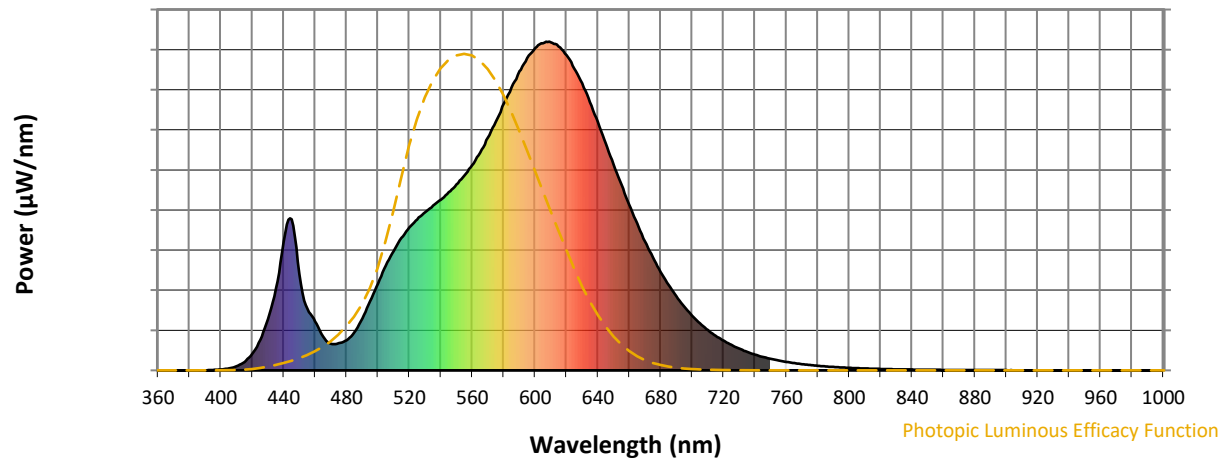
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

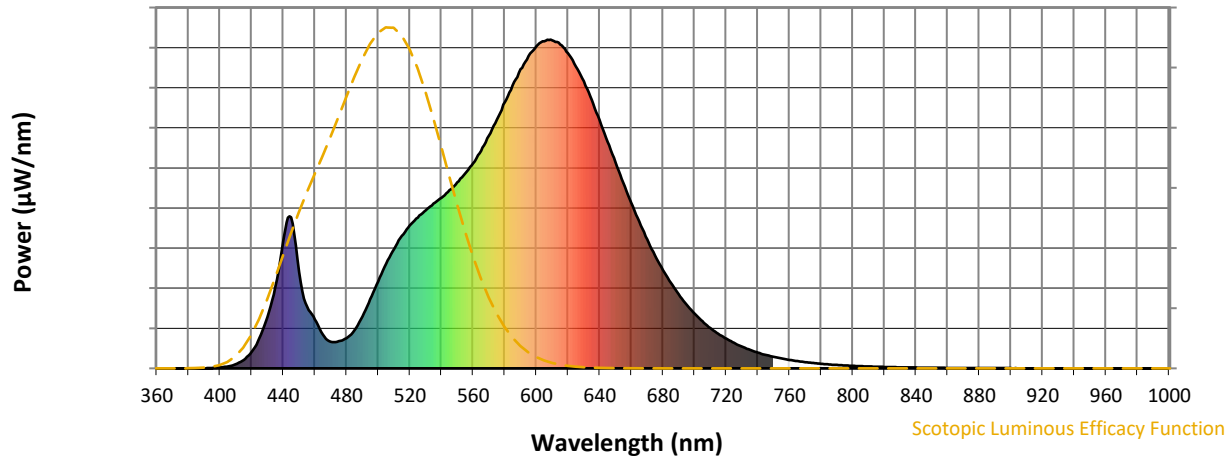


Photopic Lumens: NR

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



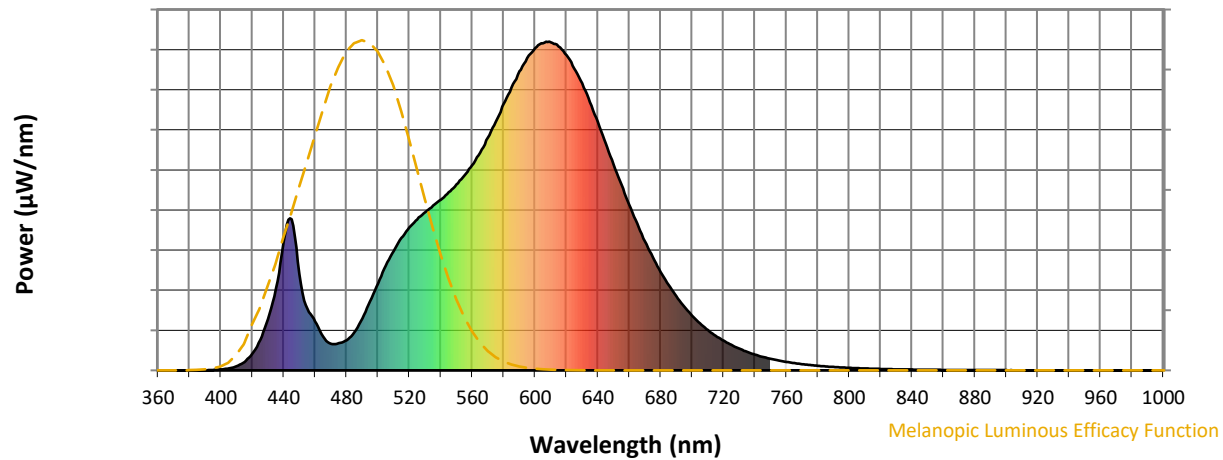
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W [^] /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	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

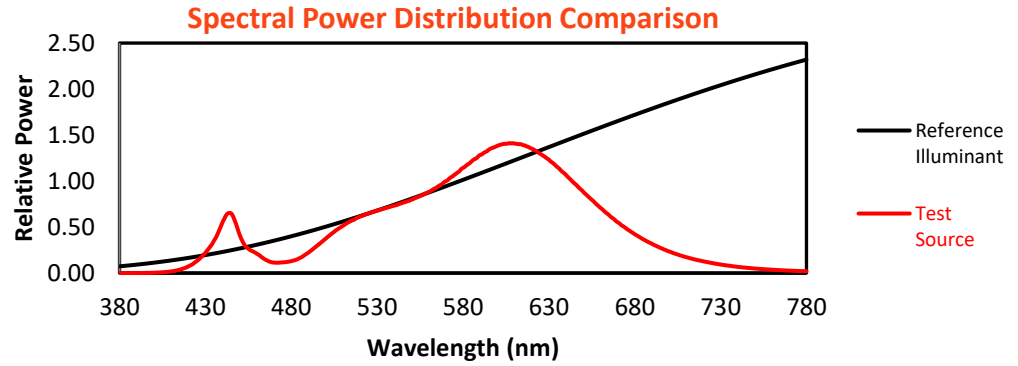
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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

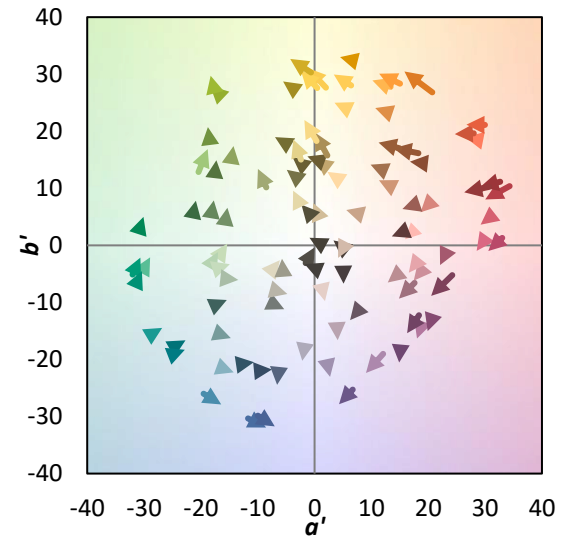
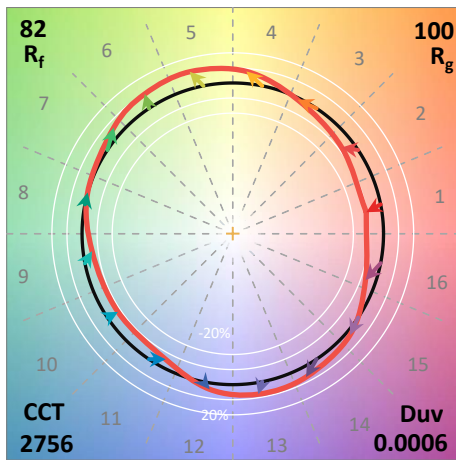
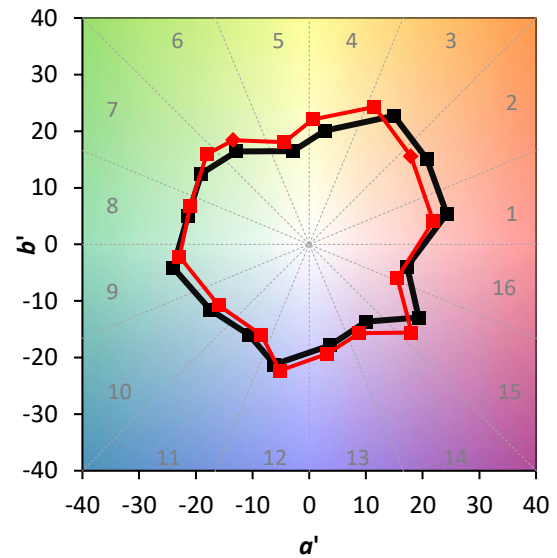
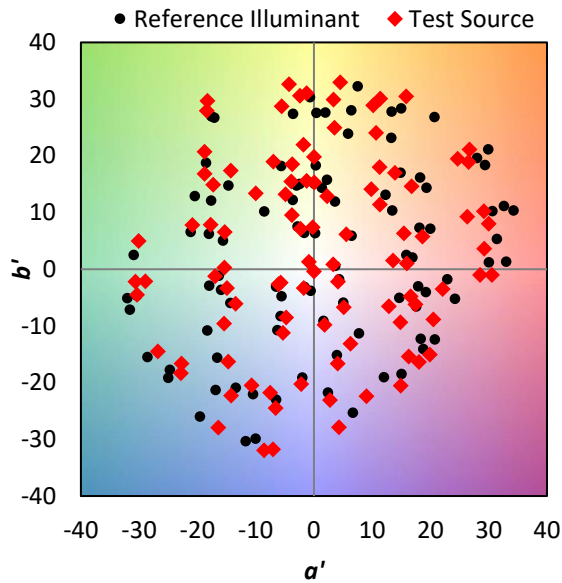
TM-30-18

Summary

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

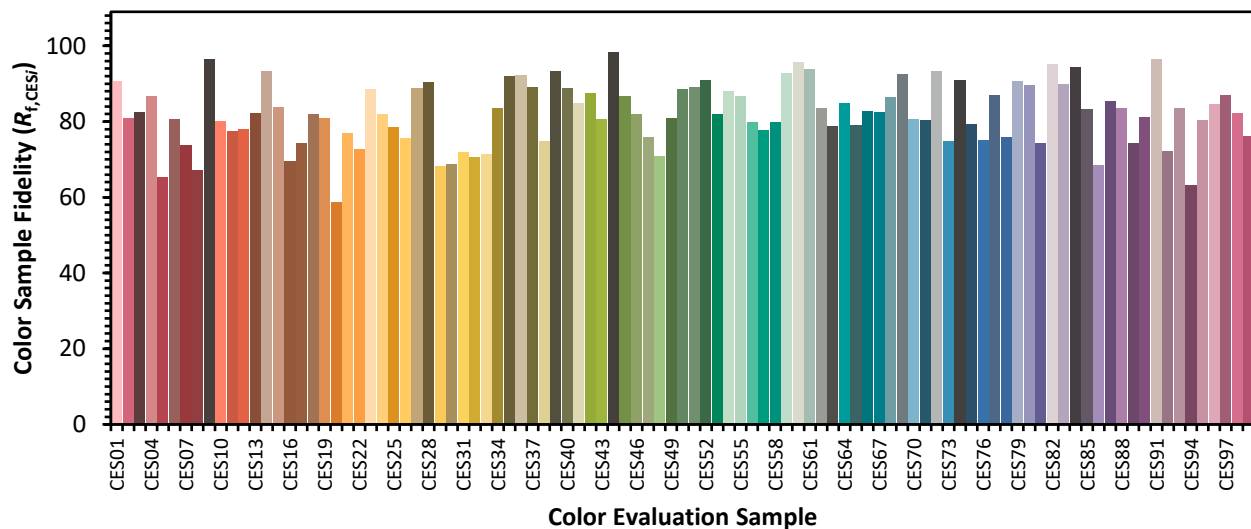


Color Vector Graphics

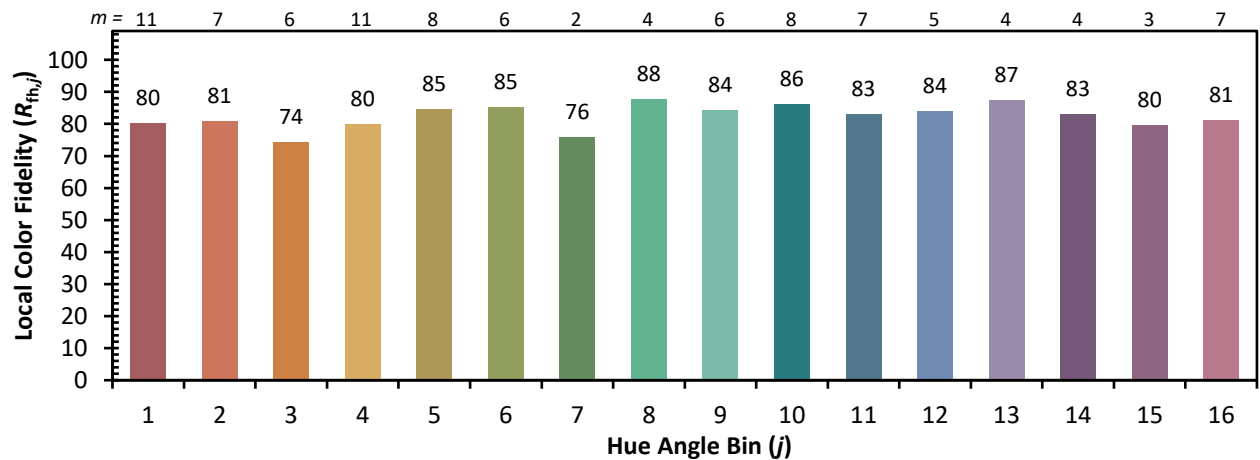
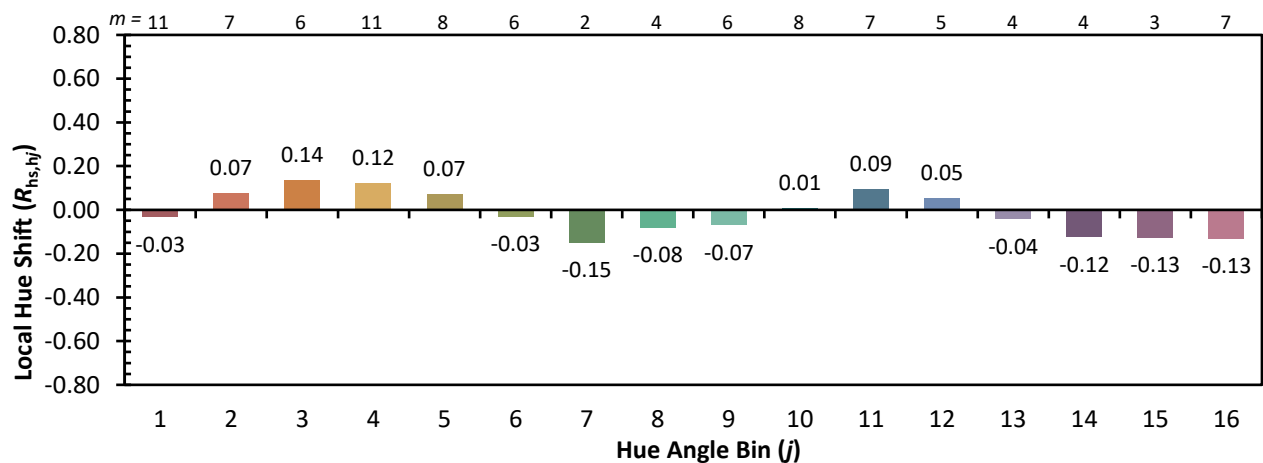
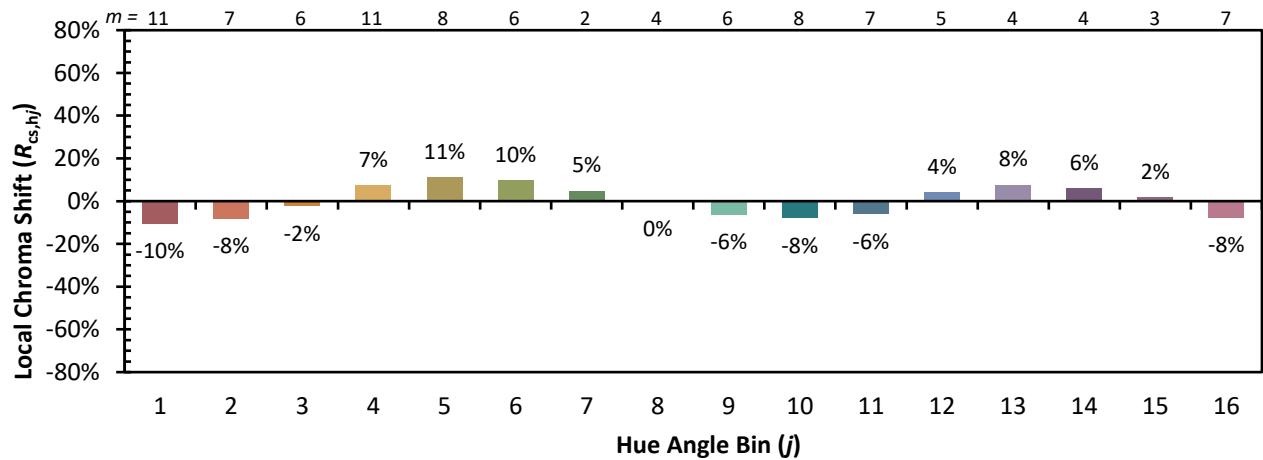


Individual Sample Fidelity Index ($R_{f,i}$)

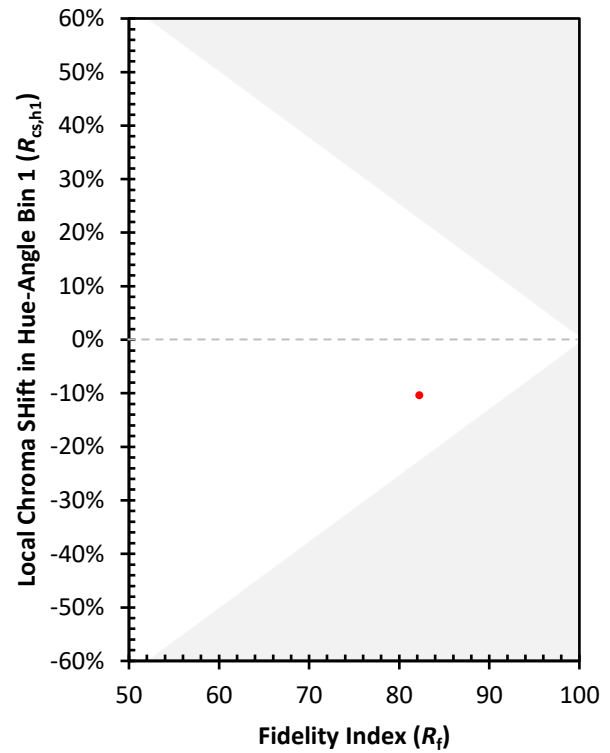
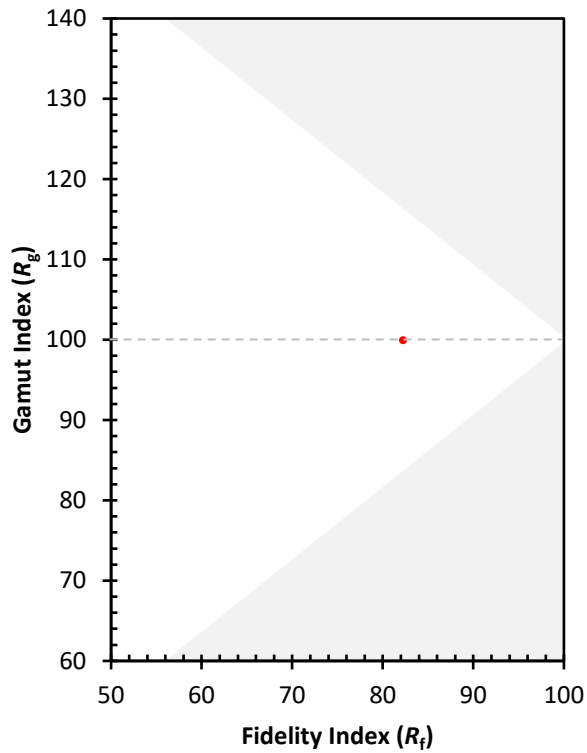
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)