

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: P1049169

Luminaire Tested: **GALN-SA9A-830-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049169
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

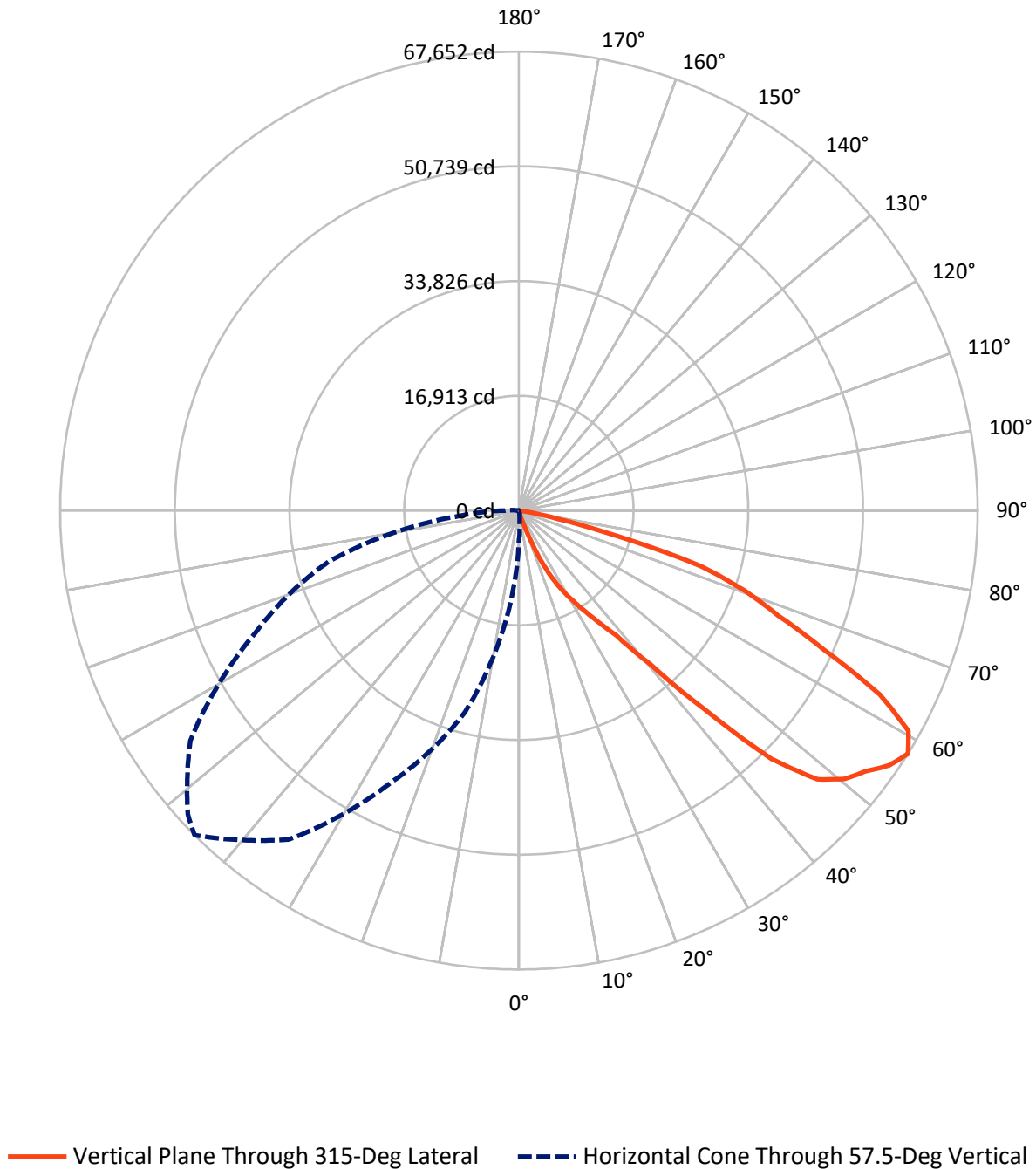
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26382.3 lumens
Efficiency: N/A
Efficacy: 107.9 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): 244.6
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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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	132.1	0.0	132.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	26250.1	0.0	26250.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	26382.3	0.0	26382.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.0
10°-20°	58.0	0.2
20°-30°	625.2	2.4
30°-40°	1848.9	7.0
40°-50°	5510.2	20.9
50°-60°	8737.2	33.1
60°-70°	7293.4	27.6
70°-80°	2249.0	8.5
80°-90°	50.0	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°	26382.3	100.0
0°-180°	26382.3	100.0



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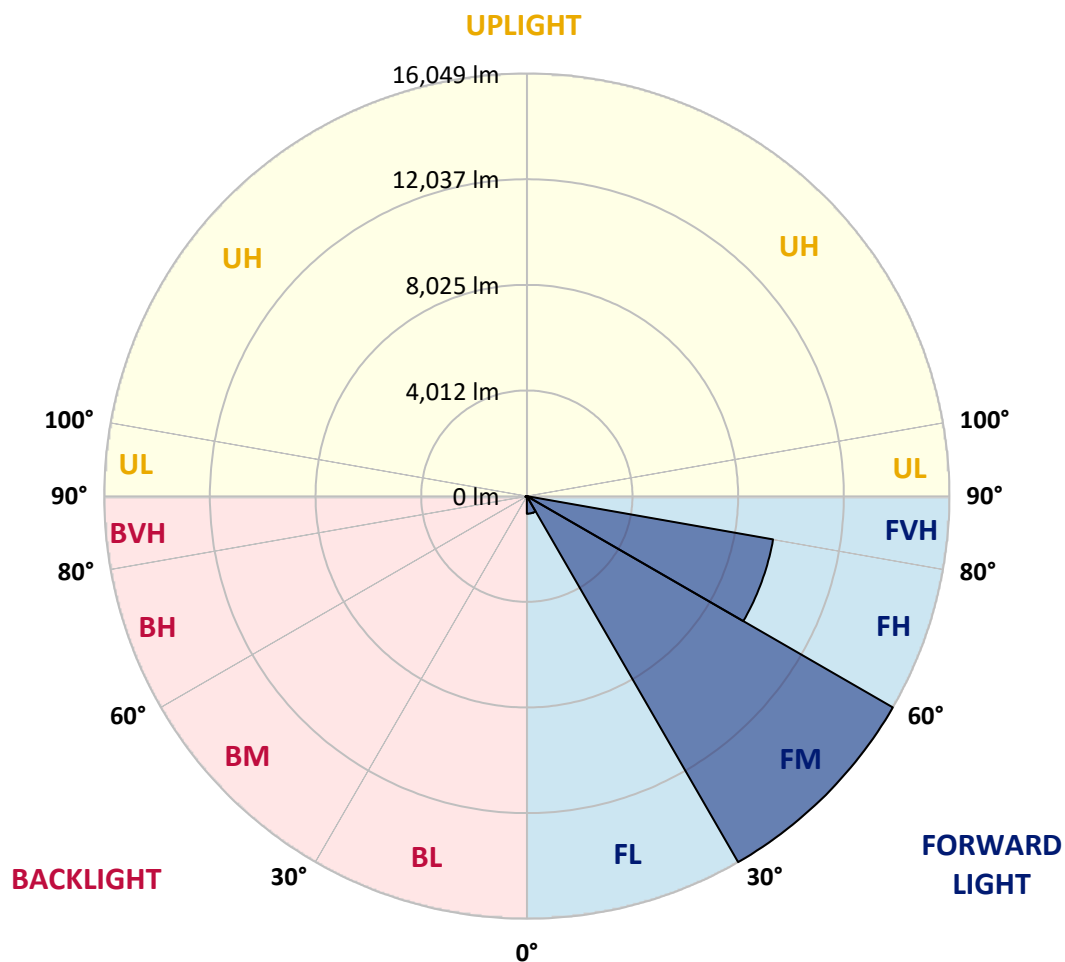
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	669.3	2.5			
FM	(30°-60°)	16049.0	60.8			
FH	(60°-80°)	9493.2	36.0			G4/12000
FVH	(80°-90°)	38.7	0.1			G1/100
BL	(0°-30°)	24.3	0.1	B0/110		
BM	(30°-60°)	47.2	0.2	B0/220		
BH	(60°-80°)	49.3	0.2	B0/110		G0/110
BVH	(80°-90°)	11.3	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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
2.5°	105.7	105.7	105.7	105.7	103.7	103.7	101.7	101.7	99.7	99.7
5°	111.6	111.6	109.7	107.7	107.7	105.7	103.7	101.7	101.7	99.7
7.5°	121.6	119.6	117.6	115.6	111.6	109.7	105.7	103.7	101.7	97.7
10°	133.6	129.6	125.6	121.6	117.6	113.6	109.7	107.7	103.7	101.7
12.5°	149.5	143.5	135.6	129.6	125.6	119.6	115.6	111.6	105.7	101.7
15°	163.5	155.5	145.5	137.6	131.6	123.6	117.6	111.6	107.7	101.7
17.5°	183.4	169.5	153.5	143.5	135.6	125.6	115.6	109.7	103.7	95.7
20°	217.3	189.4	159.5	147.5	135.6	123.6	111.6	103.7	97.7	89.7
22.5°	271.1	223.3	175.4	157.5	141.6	123.6	107.7	99.7	91.7	83.7
25°	374.8	289.1	203.4	179.4	155.5	131.6	107.7	97.7	89.7	79.7
27.5°	498.4	370.8	241.2	207.3	175.4	141.6	107.7	95.7	85.7	73.8
30°	624.0	454.6	283.1	239.2	195.4	151.5	107.7	93.7	81.7	67.8
32.5°	743.6	532.3	319.0	267.2	215.3	161.5	109.7	93.7	77.8	61.8
35°	865.3	596.1	325.0	271.1	217.3	161.5	107.7	89.7	73.8	55.8
37.5°	1020.8	667.9	313.0	259.2	207.3	153.5	101.7	85.7	69.8	51.8
40°	1256.0	787.5	319.0	263.2	207.3	151.5	95.7	79.7	65.8	49.8
42.5°	1690.6	1018.8	344.9	281.1	217.3	151.5	87.7	73.8	61.8	47.8
45°	2922.7	1692.6	462.5	366.8	271.1	175.4	79.7	67.8	57.8	45.9
47.5°	4834.7	2833.0	831.4	642.0	454.6	265.2	77.8	67.8	57.8	45.9
50°	6170.5	3608.6	1046.7	805.4	564.2	323.0	81.7	69.8	59.8	47.8
52.5°	6160.5	3664.4	1166.3	895.2	626.0	354.9	85.7	73.8	63.8	51.8
55°	5476.6	3333.4	1188.2	913.1	640.0	364.8	91.7	79.7	67.8	55.8
57.5°	4577.5	2831.0	1084.6	839.3	596.1	350.9	105.7	91.7	79.7	65.8
60°	3620.5	2232.9	845.3	667.9	492.4	315.0	139.6	121.6	105.7	87.7
62.5°	2500.1	1618.9	737.7	592.1	448.6	303.0	159.5	141.6	125.6	107.7
65°	1768.4	1218.1	665.9	542.3	420.7	297.1	173.5	153.5	135.6	115.6
67.5°	1321.8	968.9	614.1	508.4	402.7	297.1	191.4	167.5	145.5	121.6
70°	1012.8	795.5	576.2	490.4	406.7	321.0	235.3	201.4	169.5	135.6
72.5°	825.4	679.8	532.3	470.5	408.7	346.9	285.1	241.2	197.4	151.5
75°	683.8	582.2	480.5	428.6	378.8	327.0	275.1	235.3	197.4	157.5
77.5°	454.6	414.7	372.8	342.9	313.0	281.1	251.2	217.3	185.4	151.5
80°	159.5	153.5	147.5	159.5	171.5	183.4	195.4	171.5	149.5	125.6
82.5°	23.9	21.9	19.9	21.9	23.9	25.9	27.9	29.9	31.9	33.9
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



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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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	97.7	97.7	95.7	95.7	95.7	93.7	93.7	91.7	91.7	91.7
0.0	5°	95.7	95.7	93.7	91.7	89.7	89.7	87.7	85.7	85.7	83.7
0.0	7.5°	93.7	91.7	89.7	87.7	85.7	83.7	81.7	79.7	79.7	77.8
0.0	10°	95.7	91.7	89.7	85.7	83.7	81.7	77.8	75.8	73.8	73.8
0.0	12.5°	91.7	89.7	85.7	81.7	79.7	75.8	73.8	69.8	67.8	67.8
0.0	15°	91.7	87.7	81.7	77.8	73.8	71.8	67.8	63.8	61.8	59.8
0.0	17.5°	85.7	81.7	75.8	71.8	67.8	63.8	59.8	55.8	53.8	51.8
0.0	20°	77.8	73.8	67.8	61.8	57.8	53.8	49.8	45.9	43.9	41.9
0.0	22.5°	69.8	65.8	59.8	53.8	49.8	45.9	39.9	35.9	33.9	29.9
0.0	25°	65.8	59.8	53.8	47.8	41.9	37.9	31.9	25.9	21.9	17.9
0.0	27.5°	55.8	49.8	43.9	37.9	31.9	25.9	19.9	14.0	10.0	8.0
0.0	30°	47.8	41.9	35.9	29.9	21.9	15.9	10.0	2.0	2.0	2.0
0.0	32.5°	39.9	33.9	25.9	19.9	15.9	10.0	6.0	0.0	0.0	0.0
0.0	35°	31.9	25.9	17.9	12.0	10.0	6.0	4.0	0.0	0.0	0.0
0.0	37.5°	27.9	21.9	14.0	6.0	4.0	4.0	2.0	0.0	0.0	0.0
0.0	40°	25.9	17.9	10.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
0.0	42.5°	25.9	17.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	25.9	17.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	25.9	17.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	27.9	19.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	31.9	23.9	15.9	8.0	6.0	4.0	2.0	0.0	0.0	0.0
0.0	55°	39.9	35.9	29.9	25.9	19.9	14.0	6.0	0.0	0.0	0.0
0.0	57.5°	51.8	51.8	49.8	47.8	35.9	23.9	12.0	0.0	0.0	0.0
0.0	60°	69.8	69.8	69.8	69.8	51.8	35.9	17.9	0.0	0.0	0.0
0.0	62.5°	85.7	81.7	75.8	71.8	53.8	35.9	17.9	0.0	0.0	0.0
0.0	65°	85.7	77.8	67.8	57.8	43.9	29.9	14.0	0.0	0.0	0.0
0.0	67.5°	79.7	63.8	45.9	29.9	21.9	15.9	8.0	0.0	0.0	0.0
	70°	79.7	55.8	31.9	8.0	6.0	4.0	2.0	0.0	0.0	0.0
	72.5°	79.7	53.8	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	87.7	59.8	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	87.7	59.8	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	77.8	51.8	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	25.9	17.9	8.0	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]

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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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	89.7	89.7	89.7	87.7	87.7	87.7	87.7	85.7	85.7	85.7
0.0	5°	81.7	81.7	79.7	79.7	77.8	77.8	75.8	75.8	73.8	73.8
0.0	7.5°	75.8	73.8	73.8	71.8	69.8	69.8	67.8	67.8	65.8	63.8
0.0	10°	69.8	67.8	67.8	65.8	63.8	61.8	61.8	59.8	57.8	55.8
0.0	12.5°	63.8	61.8	59.8	57.8	55.8	53.8	53.8	51.8	49.8	47.8
0.0	15°	55.8	53.8	51.8	49.8	47.8	45.9	45.9	43.9	41.9	39.9
0.0	17.5°	47.8	45.9	45.9	43.9	41.9	39.9	37.9	33.9	31.9	29.9
0.0	20°	35.9	33.9	31.9	29.9	27.9	23.9	21.9	17.9	14.0	12.0
0.0	22.5°	23.9	19.9	17.9	14.0	10.0	8.0	6.0	2.0	0.0	0.0
0.0	25°	8.0	6.0	4.0	2.0	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

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	83.7	83.7	83.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
0.0	5°	71.8	71.8	71.8	69.8	69.8	67.8	67.8	67.8	65.8	65.8
0.0	7.5°	61.8	59.8	59.8	57.8	57.8	55.8	55.8	55.8	53.8	53.8
0.0	10°	51.8	49.8	49.8	47.8	47.8	45.9	45.9	43.9	43.9	41.9
0.0	12.5°	45.9	43.9	41.9	39.9	39.9	37.9	35.9	35.9	33.9	31.9
0.0	15°	35.9	33.9	31.9	29.9	27.9	25.9	23.9	23.9	21.9	19.9
0.0	17.5°	23.9	19.9	17.9	15.9	15.9	14.0	12.0	10.0	8.0	6.0
0.0	20°	6.0	4.0	2.0	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

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	81.7	79.7	79.7	79.7	81.7	81.7	81.7	81.7	81.7	81.7
0.0	5°	65.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
0.0	7.5°	53.8	51.8	51.8	51.8	51.8	49.8	49.8	49.8	49.8	49.8
0.0	10°	41.9	39.9	39.9	39.9	39.9	37.9	37.9	37.9	37.9	37.9
0.0	12.5°	29.9	29.9	27.9	27.9	27.9	25.9	25.9	25.9	25.9	23.9
0.0	15°	17.9	15.9	14.0	14.0	14.0	12.0	12.0	12.0	12.0	10.0
0.0	17.5°	4.0	4.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	83.7	83.7	85.7	85.7	87.7	91.7	93.7	95.7	99.7	103.7
0.0	5°	65.8	67.8	67.8	69.8	71.8	73.8	75.8	77.8	81.7	85.7
0.0	7.5°	51.8	51.8	53.8	53.8	55.8	59.8	61.8	63.8	67.8	73.8
0.0	10°	39.9	39.9	41.9	41.9	43.9	47.8	49.8	51.8	55.8	61.8
0.0	12.5°	25.9	27.9	27.9	29.9	31.9	35.9	37.9	39.9	43.9	47.8
0.0	15°	12.0	14.0	14.0	15.9	17.9	21.9	23.9	25.9	29.9	35.9
0.0	17.5°	2.0	2.0	4.0	4.0	6.0	8.0	10.0	12.0	17.9	21.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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

CATALOG NUMBER: GALN-SA9A-830-U-RBC

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CATALOG NUMBER: GALN-SA9A-830-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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	109.7	113.6	117.6	121.6	125.6	129.6	131.6	135.6	137.6	139.6
0.0	5°	93.7	97.7	103.7	107.7	111.6	115.6	119.6	121.6	123.6	125.6
0.0	7.5°	81.7	85.7	91.7	95.7	99.7	103.7	107.7	111.6	113.6	115.6
0.0	10°	69.8	75.8	79.7	85.7	89.7	93.7	97.7	101.7	105.7	107.7
0.0	12.5°	55.8	61.8	67.8	71.8	77.8	83.7	87.7	91.7	95.7	99.7
0.0	15°	43.9	49.8	55.8	59.8	65.8	71.8	77.8	81.7	85.7	89.7
0.0	17.5°	31.9	37.9	43.9	47.8	53.8	59.8	63.8	69.8	73.8	77.8
0.0	20°	15.9	21.9	27.9	33.9	39.9	45.9	49.8	55.8	59.8	63.8
0.0	22.5°	2.0	8.0	14.0	17.9	23.9	29.9	33.9	39.9	43.9	47.8
0.0	25°	0.0	2.0	6.0	8.0	10.0	14.0	17.9	21.9	25.9	29.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.0	4.0	8.0	12.0	15.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
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	2.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0
	85°	0.0	0.0	0.0	0.0	0.0	4.0	6.0	10.0	12.0	14.0
	87.5°	0.0	2.0	4.0	6.0	8.0	12.0	15.9	19.9	21.9	23.9
	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: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	141.6	141.6	141.6	141.6	139.6	139.6	139.6	137.6	137.6	135.6
0.0	5°	129.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	129.6	129.6
0.0	7.5°	119.6	121.6	123.6	123.6	125.6	125.6	125.6	123.6	123.6	121.6
0.0	10°	113.6	115.6	115.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6
0.0	12.5°	105.7	107.7	109.7	109.7	111.6	111.6	111.6	111.6	109.7	109.7
0.0	15°	95.7	99.7	101.7	103.7	103.7	105.7	105.7	105.7	105.7	105.7
0.0	17.5°	87.7	91.7	93.7	95.7	95.7	97.7	97.7	99.7	99.7	99.7
0.0	20°	71.8	75.8	77.8	81.7	83.7	85.7	87.7	89.7	89.7	91.7
0.0	22.5°	55.8	59.8	61.8	65.8	67.8	69.8	71.8	73.8	75.8	77.8
0.0	25°	39.9	43.9	45.9	49.8	51.8	53.8	55.8	57.8	57.8	59.8
0.0	27.5°	21.9	25.9	29.9	31.9	35.9	37.9	39.9	41.9	43.9	45.9
0.0	30°	10.0	12.0	14.0	17.9	19.9	21.9	23.9	27.9	29.9	31.9
0.0	32.5°	0.0	0.0	2.0	6.0	8.0	10.0	12.0	14.0	14.0	15.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	6.0	8.0
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°	4.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	82.5°	10.0	12.0	14.0	14.0	15.9	15.9	15.9	15.9	14.0	14.0
	85°	19.9	21.9	23.9	23.9	25.9	25.9	25.9	25.9	25.9	25.9
	87.5°	27.9	29.9	31.9	31.9	33.9	33.9	33.9	33.9	33.9	33.9
	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: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	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
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REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	133.6	133.6	131.6	131.6	131.6	131.6	131.6	133.6	135.6	135.6
0.0	5°	127.6	127.6	125.6	125.6	125.6	127.6	127.6	129.6	131.6	133.6
0.0	7.5°	121.6	119.6	119.6	121.6	121.6	123.6	123.6	125.6	127.6	129.6
0.0	10°	117.6	115.6	115.6	115.6	117.6	117.6	119.6	121.6	123.6	125.6
0.0	12.5°	109.7	109.7	109.7	109.7	111.6	111.6	113.6	115.6	119.6	121.6
0.0	15°	105.7	103.7	103.7	103.7	103.7	105.7	105.7	109.7	113.6	115.6
0.0	17.5°	97.7	97.7	95.7	95.7	97.7	97.7	99.7	103.7	107.7	109.7
0.0	20°	89.7	87.7	85.7	85.7	87.7	87.7	89.7	93.7	97.7	99.7
0.0	22.5°	77.8	75.8	75.8	75.8	75.8	77.8	77.8	81.7	87.7	91.7
0.0	25°	61.8	63.8	63.8	65.8	65.8	67.8	69.8	73.8	79.7	83.7
0.0	27.5°	47.8	49.8	49.8	53.8	55.8	57.8	59.8	65.8	71.8	75.8
0.0	30°	35.9	37.9	39.9	41.9	45.9	49.8	53.8	59.8	65.8	69.8
0.0	32.5°	21.9	25.9	27.9	31.9	35.9	39.9	43.9	49.8	57.8	63.8
0.0	35°	15.9	17.9	21.9	23.9	27.9	31.9	35.9	43.9	49.8	57.8
0.0	37.5°	8.0	12.0	15.9	19.9	23.9	27.9	31.9	39.9	47.8	53.8
0.0	40°	6.0	10.0	12.0	15.9	21.9	25.9	29.9	37.9	45.9	53.8
0.0	42.5°	4.0	6.0	8.0	14.0	17.9	23.9	29.9	37.9	45.9	53.8
0.0	45°	4.0	4.0	6.0	12.0	17.9	25.9	31.9	39.9	45.9	53.8
0.0	47.5°	4.0	6.0	8.0	15.9	19.9	25.9	31.9	37.9	45.9	51.8
0.0	50°	6.0	8.0	10.0	17.9	21.9	27.9	31.9	39.9	45.9	53.8
0.0	52.5°	4.0	6.0	8.0	15.9	21.9	29.9	35.9	43.9	51.8	57.8
0.0	55°	2.0	2.0	2.0	12.0	23.9	33.9	45.9	51.8	59.8	65.8
0.0	57.5°	0.0	0.0	0.0	8.0	23.9	37.9	51.8	59.8	67.8	73.8
0.0	60°	0.0	0.0	0.0	8.0	23.9	37.9	51.8	61.8	71.8	81.7
0.0	62.5°	0.0	0.0	0.0	8.0	19.9	31.9	43.9	59.8	77.8	93.7
0.0	65°	0.0	0.0	0.0	6.0	15.9	25.9	35.9	59.8	83.7	105.7
0.0	67.5°	0.0	0.0	0.0	6.0	15.9	23.9	33.9	59.8	83.7	109.7
	70°	0.0	0.0	0.0	6.0	15.9	25.9	35.9	59.8	83.7	107.7
	72.5°	0.0	0.0	0.0	6.0	17.9	27.9	39.9	59.8	79.7	99.7
	75°	0.0	0.0	0.0	8.0	17.9	29.9	41.9	59.8	77.8	93.7
	77.5°	0.0	0.0	0.0	6.0	17.9	27.9	39.9	57.8	75.8	91.7
	80°	6.0	4.0	4.0	10.0	17.9	25.9	33.9	51.8	71.8	89.7
	82.5°	12.0	12.0	10.0	14.0	17.9	23.9	29.9	45.9	63.8	79.7
	85°	23.9	23.9	21.9	23.9	23.9	25.9	27.9	35.9	43.9	51.8
	87.5°	31.9	31.9	29.9	29.9	29.9	27.9	27.9	27.9	27.9	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	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
123.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6											
119.6											
111.6											
109.7											
107.7											
95.7											
59.8											
25.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	139.6	141.6	141.6	143.5	145.5	147.5	147.5	149.5	149.5	149.5
0.0	5°	137.6	141.6	143.5	145.5	147.5	149.5	151.5	153.5	155.5	155.5
0.0	7.5°	135.6	137.6	141.6	143.5	147.5	149.5	153.5	155.5	157.5	159.5
0.0	10°	131.6	135.6	139.6	143.5	147.5	151.5	155.5	159.5	163.5	165.5
0.0	12.5°	127.6	133.6	137.6	141.6	147.5	153.5	157.5	163.5	167.5	171.5
0.0	15°	125.6	129.6	135.6	139.6	147.5	155.5	161.5	169.5	177.4	183.4
0.0	17.5°	119.6	127.6	133.6	139.6	147.5	157.5	165.5	173.5	185.4	197.4
0.0	20°	111.6	117.6	125.6	131.6	143.5	153.5	165.5	175.4	193.4	211.3
0.0	22.5°	103.7	111.6	117.6	125.6	139.6	151.5	165.5	177.4	207.3	235.3
0.0	25°	95.7	105.7	113.6	121.6	137.6	153.5	169.5	185.4	235.3	285.1
0.0	27.5°	91.7	99.7	109.7	117.6	137.6	159.5	179.4	199.4	279.1	356.9
0.0	30°	85.7	95.7	103.7	113.6	139.6	165.5	191.4	217.3	338.9	460.5
0.0	32.5°	79.7	89.7	99.7	109.7	143.5	177.4	209.3	243.2	402.7	560.2
0.0	35°	73.8	85.7	95.7	105.7	149.5	195.4	239.2	283.1	460.5	636.0
0.0	37.5°	71.8	83.7	93.7	103.7	151.5	197.4	245.2	291.1	466.5	642.0
0.0	40°	73.8	83.7	95.7	105.7	145.5	185.4	223.3	263.2	446.6	628.0
0.0	42.5°	73.8	85.7	97.7	109.7	141.6	173.5	205.3	237.2	440.6	644.0
0.0	45°	71.8	83.7	95.7	107.7	137.6	165.5	195.4	223.3	476.5	727.7
0.0	47.5°	69.8	81.7	93.7	105.7	135.6	165.5	195.4	225.3	616.0	1004.8
0.0	50°	69.8	81.7	91.7	101.7	137.6	175.4	211.3	247.2	897.2	1545.1
0.0	52.5°	73.8	83.7	91.7	99.7	141.6	185.4	227.3	269.1	1140.4	2009.6
0.0	55°	79.7	85.7	93.7	99.7	151.5	201.4	253.2	303.0	1214.2	2125.3
0.0	57.5°	87.7	93.7	99.7	105.7	169.5	233.3	295.1	358.9	1220.1	2079.4
0.0	60°	97.7	105.7	111.6	117.6	185.4	255.2	323.0	390.8	1104.5	1816.2
0.0	62.5°	119.6	129.6	137.6	147.5	213.3	277.1	342.9	406.7	917.1	1427.5
0.0	65°	137.6	145.5	153.5	161.5	225.3	291.1	354.9	418.7	777.5	1136.4
0.0	67.5°	141.6	149.5	155.5	163.5	229.3	295.1	358.9	424.7	665.9	905.1
	70°	143.5	153.5	165.5	175.4	243.2	311.0	376.8	444.6	590.1	735.7
	72.5°	137.6	157.5	175.4	193.4	257.2	319.0	382.8	444.6	548.3	651.9
	75°	137.6	165.5	191.4	217.3	265.2	311.0	358.9	404.7	484.5	564.2
	77.5°	145.5	181.4	217.3	253.2	281.1	307.0	334.9	360.9	412.7	464.5
	80°	145.5	183.4	219.3	257.2	269.1	283.1	295.1	307.0	313.0	319.0
	82.5°	125.6	155.5	185.4	215.3	201.4	187.4	173.5	159.5	149.5	137.6
	85°	63.8	69.8	73.8	77.8	71.8	65.8	59.8	53.8	49.8	43.9
	87.5°	25.9	25.9	23.9	23.9	23.9	23.9	21.9	21.9	21.9	21.9
	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

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CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
590.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
799.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
998.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1134.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2950.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4519.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5690.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5819.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5251.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4489.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3508.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2651.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1385.6											
1030.7											
749.6											
564.2											
317.0											
143.5											
41.9											
19.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA9A-830-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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	149.5	147.5	147.5	145.5	143.5	141.6	139.6	137.6	135.6	133.6
0.0	5°	155.5	155.5	155.5	153.5	153.5	151.5	151.5	149.5	147.5	145.5
0.0	7.5°	161.5	163.5	163.5	165.5	165.5	165.5	165.5	163.5	163.5	163.5
0.0	10°	171.5	173.5	175.4	177.4	179.4	181.4	181.4	183.4	183.4	183.4
0.0	12.5°	183.4	189.4	193.4	199.4	203.4	209.3	213.3	219.3	223.3	227.3
0.0	15°	201.4	211.3	223.3	233.3	243.2	257.2	273.1	287.1	301.0	323.0
0.0	17.5°	227.3	259.2	291.1	321.0	352.9	422.7	492.4	560.2	630.0	731.7
0.0	20°	277.1	372.8	466.5	562.2	655.9	901.1	1144.4	1389.6	1632.8	1894.0
0.0	22.5°	388.8	624.0	859.3	1094.5	1329.8	1842.2	2352.5	2864.9	3375.3	3975.4
0.0	25°	564.2	996.8	1429.5	1860.1	2292.7	3094.2	3897.7	4699.1	5500.6	6280.1
0.0	27.5°	821.4	1483.3	2145.2	2805.1	3467.0	4553.6	5642.1	6728.7	7815.2	8696.4
0.0	30°	1138.4	2035.6	2932.7	3829.9	4727.0	5963.1	7199.2	8433.3	9669.4	10632.3
0.0	32.5°	1437.4	2536.0	3634.5	4731.0	5829.5	7237.1	8646.6	10054.1	11461.7	12514.4
0.0	35°	1632.8	2960.6	4290.4	5618.2	6946.0	8469.2	9992.3	11513.5	13036.7	14238.9
0.0	37.5°	1828.2	3361.4	4892.5	6425.6	7956.8	9629.5	11302.2	12974.9	14647.6	16132.9
0.0	40°	2047.5	3845.8	5642.1	7440.4	9236.7	11218.5	13198.2	15179.9	17159.6	19255.0
0.0	42.5°	2428.3	4649.3	6872.2	9093.2	11314.2	13935.8	16557.5	19177.2	21798.9	24789.5
0.0	45°	3144.0	6274.1	9406.2	12536.3	15666.4	19139.4	22614.4	26087.3	29560.3	33539.7
0.0	47.5°	4896.5	9202.8	13507.2	17813.6	22117.9	25868.0	29616.2	33366.3	37114.4	41077.9
0.0	50°	7492.3	12504.4	17516.5	22526.6	27538.7	30932.0	34323.3	37716.5	41107.8	44877.8
0.0	52.5°	9370.3	14591.8	19815.2	25036.7	30258.1	33320.4	36384.7	39447.0	42509.3	46032.2
0.0	55°	9511.9	14703.4	19897.0	25088.5	30280.1	33356.3	36432.6	39508.8	42585.1	46319.2
0.0	57.5°	8421.3	13571.0	18718.7	23868.4	29016.1	32519.0	36019.9	39522.8	43023.7	47060.9
0.0	60°	7163.3	12315.0	17464.7	22616.3	27766.0	31801.2	35838.5	39873.7	43908.9	47690.9
0.0	62.5°	5588.3	10887.5	16188.7	21487.9	26787.1	30884.2	34981.2	39076.2	43173.2	46010.2
0.0	65°	4164.8	9310.5	14456.2	19599.9	24745.6	28027.2	31308.8	34588.4	37870.0	39626.5
0.0	67.5°	3010.5	7448.4	11884.3	16322.3	20758.2	23106.8	25455.4	27801.9	30150.5	31494.2
	70°	2035.6	5109.8	8182.1	11256.3	14328.6	16258.5	18190.4	20120.3	22050.1	23864.4
	72.5°	1409.5	3136.1	4864.6	6591.1	8317.6	10259.5	12199.3	14141.2	16081.1	18001.0
	75°	935.0	1720.5	2508.1	3293.6	4079.1	5516.5	6956.0	8393.4	9830.9	10975.2
	77.5°	663.9	899.2	1136.4	1371.7	1606.9	1876.1	2147.2	2416.3	2685.5	3094.2
	80°	315.0	344.9	374.8	402.7	432.6	530.3	628.0	725.7	823.4	927.1
	82.5°	149.5	161.5	173.5	183.4	195.4	205.3	215.3	225.3	235.3	225.3
	85°	39.9	39.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	39.9
	87.5°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	15.9	15.9	14.0
	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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CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
831.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2157.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4575.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7059.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9577.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11597.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13569.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15441.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17620.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21350.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27780.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37519.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45041.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48647.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49555.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50055.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51098.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51470.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48849.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41384.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32840.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25676.6											
19920.9											
12119.6											
3502.9											
1030.7											
213.3											
37.9											
14.0											
0.0											
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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	2.5°	129.6	127.6	125.6	123.6	121.6	117.6	117.6	115.6	115.6
0.0	5°	141.6	139.6	137.6	135.6	135.6	133.6	131.6	131.6	129.6
0.0	7.5°	161.5	159.5	157.5	155.5	155.5	153.5	153.5	151.5	151.5
0.0	10°	185.4	185.4	185.4	185.4	185.4	183.4	183.4	183.4	181.4
0.0	12.5°	233.3	235.3	239.2	243.2	249.2	249.2	249.2	247.2	247.2
0.0	15°	368.8	390.8	406.7	422.7	436.6	468.5	464.5	458.5	454.6
0.0	17.5°	933.0	1032.7	1086.6	1138.4	1192.2	1339.8	1315.8	1291.9	1270.0
0.0	20°	2418.3	2679.5	2853.0	3026.4	3201.9	3479.0	3411.2	3343.4	3275.6
0.0	22.5°	5173.6	5773.7	6034.9	6296.1	6555.2	6890.2	6672.9	6455.5	6240.2
0.0	25°	7837.2	8616.7	9057.3	9497.9	9936.5	10127.9	9844.8	9559.7	9276.6
0.0	27.5°	10458.9	11340.1	11728.8	12115.6	12504.4	12905.1	12554.2	12201.3	11850.5
0.0	30°	12560.2	13523.2	13943.8	14362.5	14783.2	15062.3	14699.4	14334.6	13971.7
0.0	32.5°	14621.7	15674.3	16134.9	16595.4	17054.0	17454.7	17008.1	16559.5	16112.9
0.0	35°	16641.3	17843.5	18477.5	19111.4	19745.4	20118.3	19587.9	19055.6	18525.3
0.0	37.5°	19105.5	20590.8	21300.5	22010.3	22720.0	23399.9	22815.7	22229.6	21645.4
0.0	40°	23445.7	25541.1	26629.6	27720.2	28808.7	29685.9	28948.3	28210.6	27473.0
0.0	42.5°	30770.5	33761.0	35326.1	36889.1	38454.2	39823.8	39048.3	38272.7	37497.2
0.0	45°	41498.5	45477.9	47385.9	49291.8	51199.8	52200.6	51084.2	49965.7	48849.2
0.0	47.5°	49002.7	52966.2	54664.8	56363.4	58062.0	59204.4	57838.8	56473.1	55109.4
0.0	50°	52415.9	56186.0	57890.6	59593.2	61297.8	62204.9	60627.9	59048.9	57471.9
0.0	52.5°	53075.8	56598.7	58632.2	60667.8	62701.3	63913.5	62051.4	60187.3	58325.2
0.0	55°	53789.6	57523.7	59882.3	62242.8	64601.3	66280.0	64174.7	62067.4	59962.0
0.0	57.5°	55133.3	59170.5	61523.1	63873.6	66226.2	67651.7	65540.4	63427.0	61315.7
0.0	60°	55252.9	59033.0	61054.6	63078.2	65099.7	65996.9	63977.3	61955.7	59936.1
0.0	62.5°	51686.2	54523.3	55926.8	57330.4	58733.9	59708.8	57601.5	55492.2	53384.9
0.0	65°	43141.3	44897.8	46016.2	47134.7	48253.1	49415.4	47485.6	45555.7	43625.8
0.0	67.5°	34183.7	35527.4	37000.8	38474.1	39947.4	41189.5	39644.4	38097.3	36552.2
	70°	27490.9	29303.2	30959.9	32616.7	34273.4	35290.2	33739.1	32186.0	30634.9
	72.5°	21840.8	23760.7	25144.3	26526.0	27909.6	28158.8	27018.4	25878.0	24739.6
	75°	13262.0	14406.4	14434.3	14460.2	14488.1	14725.3	13780.3	12835.3	11892.3
	77.5°	3911.6	4320.3	4657.2	4992.2	5329.1	5735.8	5388.9	5040.0	4693.1
	80°	1132.4	1236.1	1323.8	1409.5	1497.3	1445.4	1363.7	1281.9	1200.2
	82.5°	203.4	191.4	189.4	187.4	187.4	177.4	161.5	145.5	129.6
	85°	35.9	33.9	31.9	29.9	27.9	25.9	21.9	19.9	15.9
	87.5°	12.0	10.0	8.0	6.0	6.0	2.0	2.0	2.0	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

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CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
115.6	115.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.6	113.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	127.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	147.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.4	179.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.2	239.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.6	426.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1246.1	1140.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3207.8	2920.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6022.9	5490.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8991.5	8321.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11499.6	10728.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13608.9	12779.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15666.4	14673.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17995.0	16836.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21059.3	19635.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26735.3	24901.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36721.7	34243.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47732.8	44658.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53743.7	50424.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55894.9	52515.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56461.1	53014.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57854.7	54156.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59204.4	55412.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57916.5	54615.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51275.5	48647.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41695.9	39778.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35007.1	32845.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29081.9	26729.3										
23599.2	21479.9										
10947.3	10100.0										
4346.2	3887.7										
1118.5	1002.8										
113.6	107.7										
12.0	10.0										
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	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

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CATALOG NUMBER: GALN-SA9A-830-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°	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6
0.0	0.0	2.5°	113.6	111.6	111.6	111.6	111.6	109.7	109.7	109.7	109.7
0.0	0.0	5°	125.6	125.6	123.6	123.6	121.6	121.6	119.6	119.6	117.6
0.0	0.0	7.5°	147.5	145.5	143.5	141.6	139.6	135.6	133.6	131.6	131.6
0.0	0.0	10°	177.4	173.5	171.5	167.5	165.5	161.5	157.5	153.5	149.5
0.0	0.0	12.5°	233.3	225.3	219.3	211.3	203.4	197.4	189.4	183.4	175.4
0.0	0.0	15°	404.7	384.8	362.9	336.9	309.0	283.1	255.2	239.2	221.3
0.0	0.0	17.5°	1034.7	931.1	825.4	739.7	653.9	570.2	484.5	422.7	360.9
0.0	0.0	20°	2633.7	2346.6	2059.5	1776.4	1491.3	1208.2	923.1	779.5	636.0
0.0	0.0	22.5°	4956.3	4424.0	3889.7	3373.3	2855.0	2338.6	1822.2	1497.3	1174.3
0.0	0.0	25°	7649.8	6979.9	6310.0	5460.7	4609.4	3760.1	2910.8	2382.5	1854.1
0.0	0.0	27.5°	9954.5	9182.9	8411.4	7378.6	6345.9	5313.2	4280.4	3492.9	2707.4
0.0	0.0	30°	11950.1	11120.8	10291.4	9089.2	7887.0	6684.8	5482.6	4497.7	3512.9
0.0	0.0	32.5°	13680.7	12687.8	11694.9	10454.9	9214.8	7974.7	6734.7	5526.5	4318.3
0.0	0.0	35°	15676.3	14518.0	13357.7	11982.0	10604.4	9228.8	7853.1	6489.4	5123.8
0.0	0.0	37.5°	18212.3	16790.8	15367.3	13834.2	12301.0	10769.9	9236.7	7677.7	6118.6
0.0	0.0	40°	23066.9	21232.7	19398.5	17450.7	15500.9	13553.1	11605.2	9691.3	7777.4
0.0	0.0	42.5°	31765.4	29287.2	26809.1	24217.3	21623.5	19031.7	16437.9	13738.5	11037.0
0.0	0.0	45°	41582.3	38508.0	35431.7	32523.0	29612.2	26703.4	23794.6	20090.3	16386.1
0.0	0.0	47.5°	47102.8	43783.3	40463.8	37710.5	34957.2	32204.0	29450.7	25457.3	21464.0
0.0	0.0	50°	49134.3	45755.0	42375.7	39841.8	37305.8	34771.8	32235.9	28236.5	24235.2
0.0	0.0	52.5°	49567.0	46119.9	42672.8	40122.9	37573.0	35025.0	32475.1	28501.7	24528.3
0.0	0.0	55°	50456.1	46757.9	43057.6	40150.8	37244.0	34337.2	31430.4	27393.2	23356.0
0.0	0.0	57.5°	51618.5	47826.5	44034.5	40723.0	37411.5	34102.0	30790.4	26376.4	21962.4
0.0	0.0	60°	51313.4	48013.9	44712.3	41165.6	37616.8	34070.1	30521.3	25666.7	20810.1
0.0	0.0	62.5°	46018.2	43390.5	40760.9	37844.1	34925.3	32008.6	29091.8	24093.7	19095.5
0.0	0.0	65°	37858.1	35940.1	34022.2	31675.6	29327.1	26980.5	24634.0	20152.2	15672.3
0.0	0.0	67.5°	30682.8	28521.6	26358.5	24488.4	22616.3	20746.3	18874.2	15347.4	11820.5
		70°	24376.8	22026.2	19673.7	17847.5	16019.2	14193.0	12366.8	10022.2	7679.7
		72.5°	19358.7	17239.4	15120.1	13172.3	11222.4	9274.6	7324.8	5939.2	4553.6
		75°	9252.7	8405.4	7558.1	6539.3	5520.5	4501.7	3483.0	2878.9	2276.8
		77.5°	3429.1	2972.6	2514.0	2099.3	1684.7	1272.0	857.3	785.5	713.7
		80°	887.2	773.5	657.9	576.2	492.4	410.7	329.0	297.1	267.2
		82.5°	101.7	93.7	87.7	83.7	77.8	73.8	67.8	61.8	55.8
		85°	6.0	4.0	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
		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: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049169

CATALOG NUMBER: GALN-SA9A-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	115.6	115.6
0.0	0.0	2.5°	107.7	105.7
0.0	0.0	5°	113.6	111.6
0.0	0.0	7.5°	125.6	121.6
0.0	0.0	10°	137.6	133.6
0.0	0.0	12.5°	155.5	149.5
0.0	0.0	15°	175.4	163.5
0.0	0.0	17.5°	209.3	183.4
0.0	0.0	20°	283.1	217.3
0.0	0.0	22.5°	398.7	271.1
0.0	0.0	25°	586.1	374.8
0.0	0.0	27.5°	815.4	498.4
0.0	0.0	30°	1084.6	624.0
0.0	0.0	32.5°	1321.8	743.6
0.0	0.0	35°	1630.8	865.3
0.0	0.0	37.5°	2011.6	1020.8
0.0	0.0	40°	2601.8	1256.0
0.0	0.0	42.5°	3664.4	1690.6
0.0	0.0	45°	5951.1	2922.7
0.0	0.0	47.5°	9157.0	4834.7
0.0	0.0	50°	11202.5	6170.5
0.0	0.0	52.5°	11370.0	6160.5
0.0	0.0	55°	10379.1	5476.6
0.0	0.0	57.5°	8855.9	4577.5
0.0	0.0	60°	7360.7	3620.5
0.0	0.0	62.5°	5799.6	2500.1
0.0	0.0	65°	4238.6	1768.4
0.0	0.0	67.5°	3044.4	1321.8
		70°	2001.7	1012.8
		72.5°	1303.9	825.4
		75°	877.2	683.8
		77.5°	512.4	454.6
		80°	181.4	159.5
		82.5°	33.9	23.9
		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: P1049169

CATALOG NUMBER: GALN-SA9A-830-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

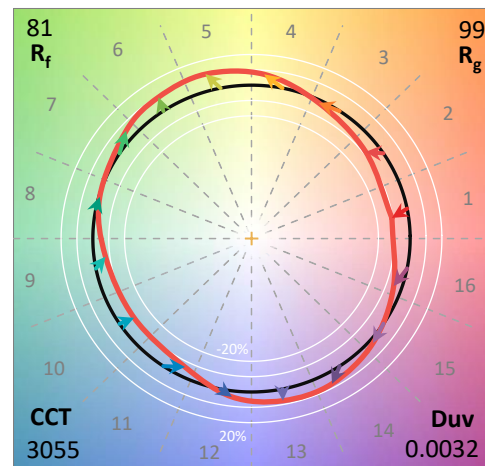
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

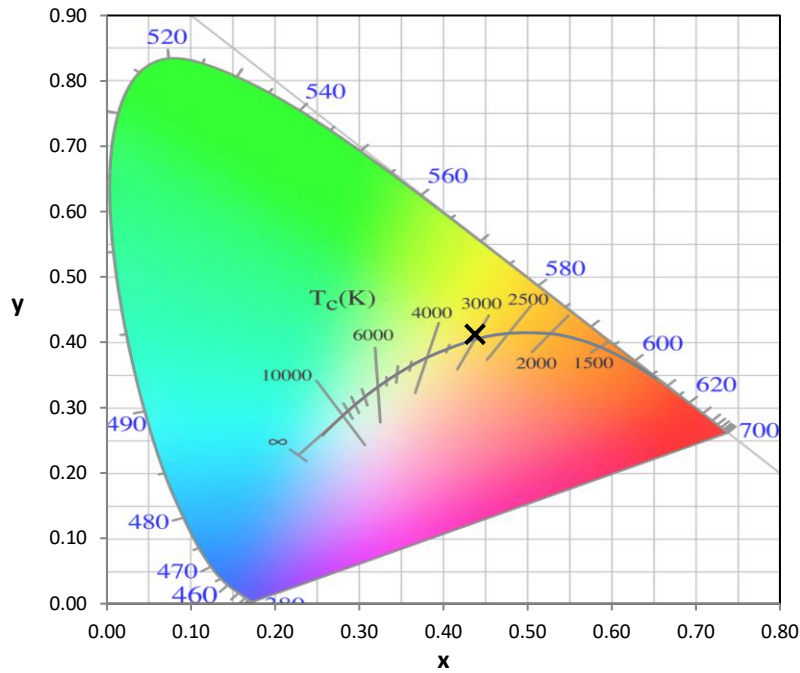
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

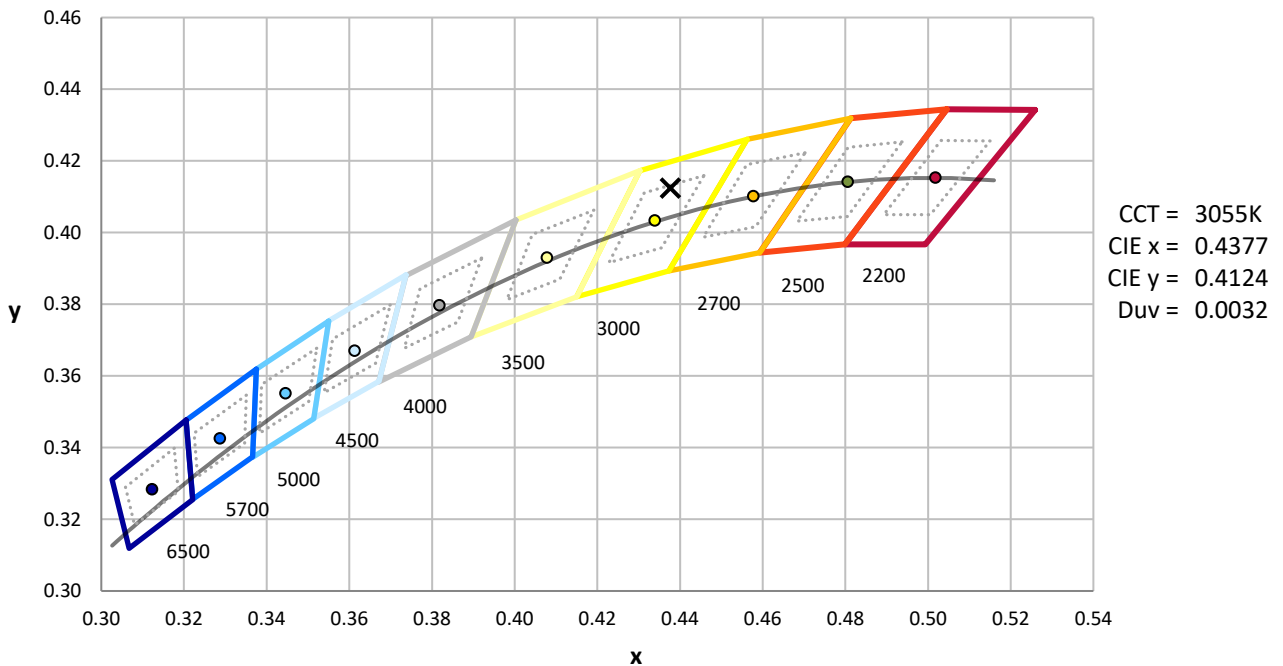
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



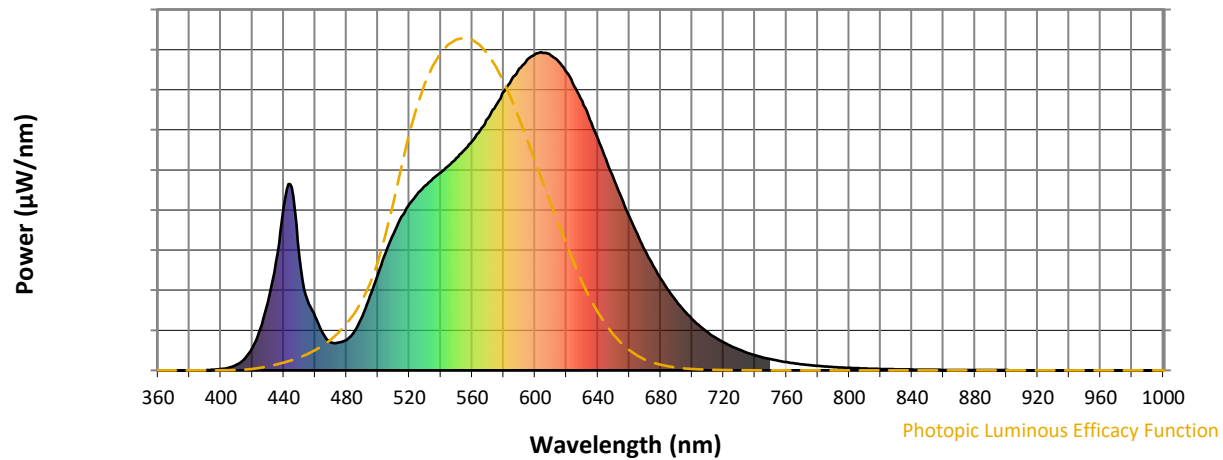
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

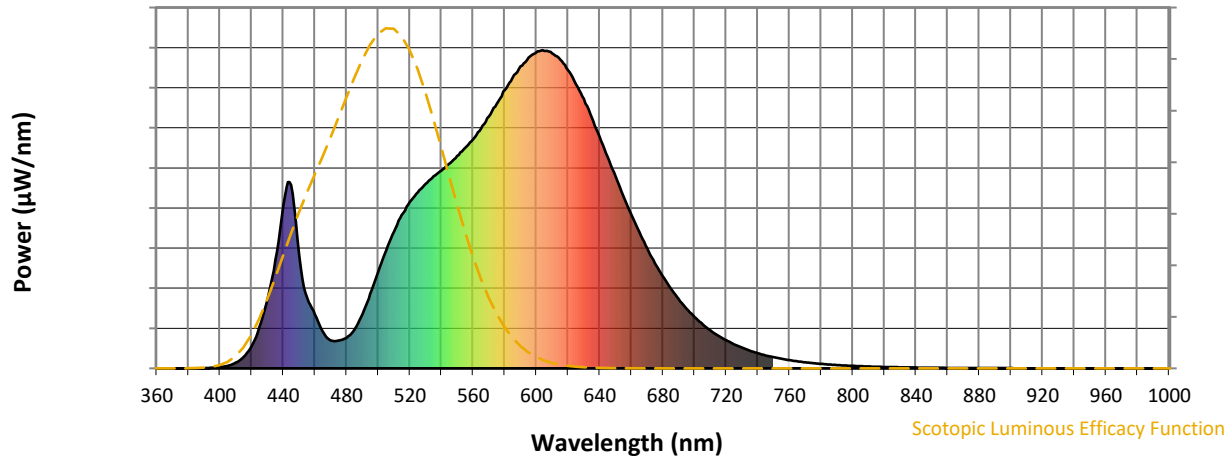


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

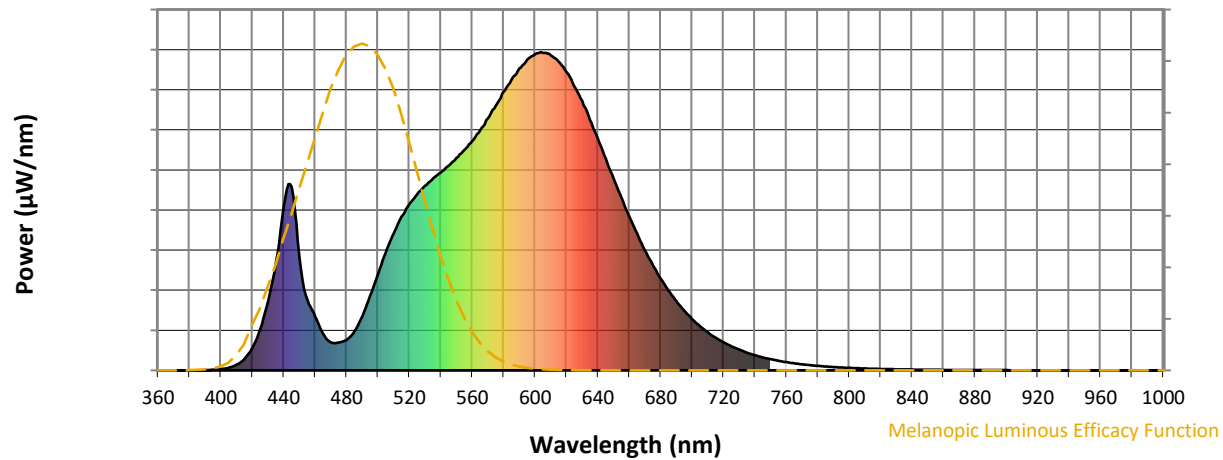
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

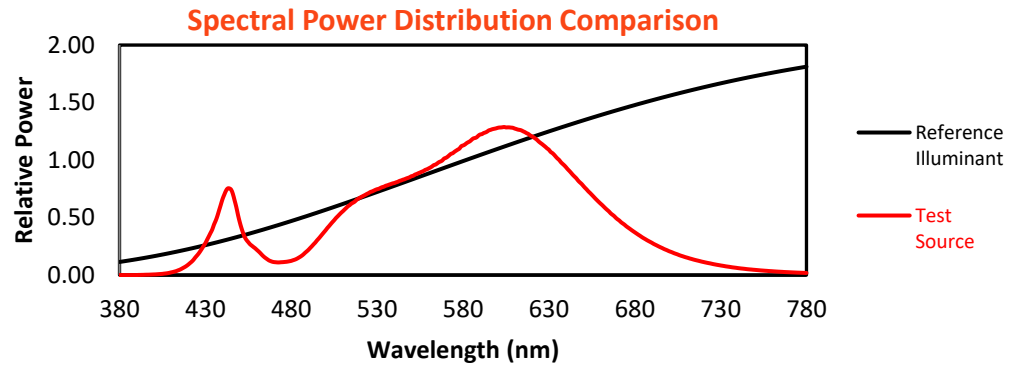
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

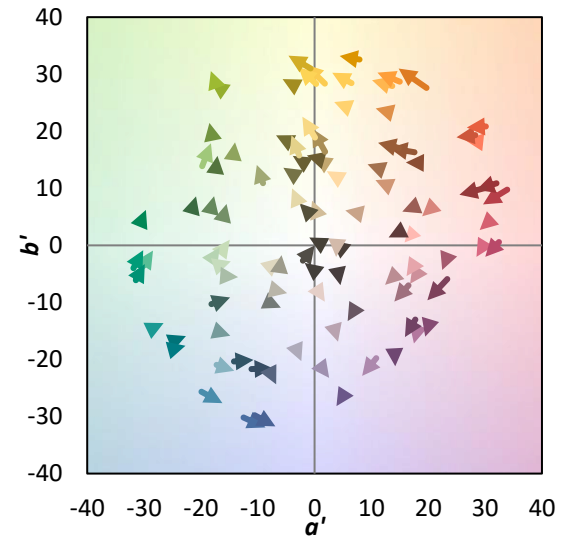
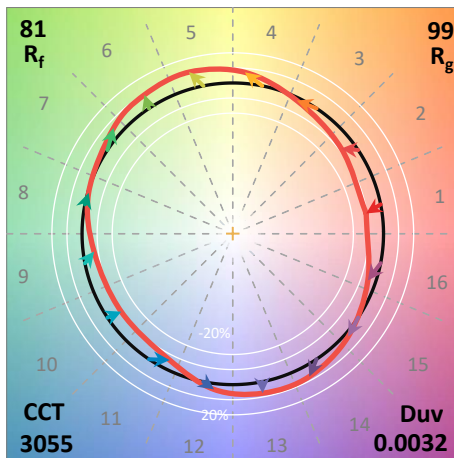
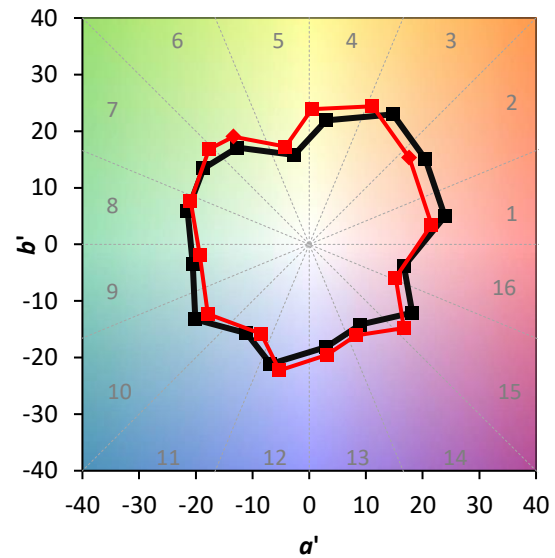
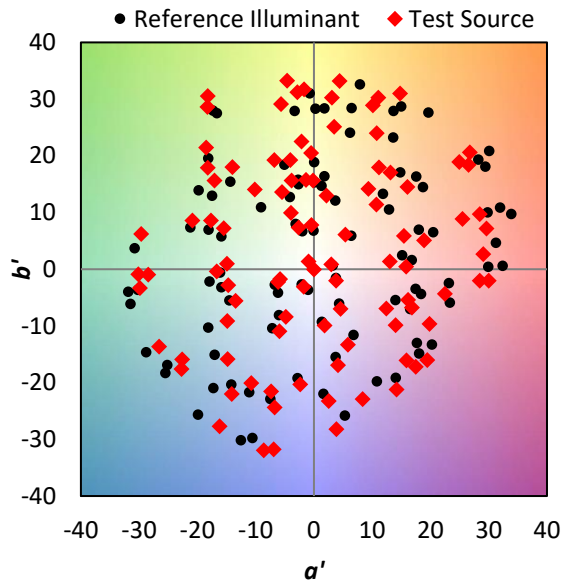
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_g = 6.8$

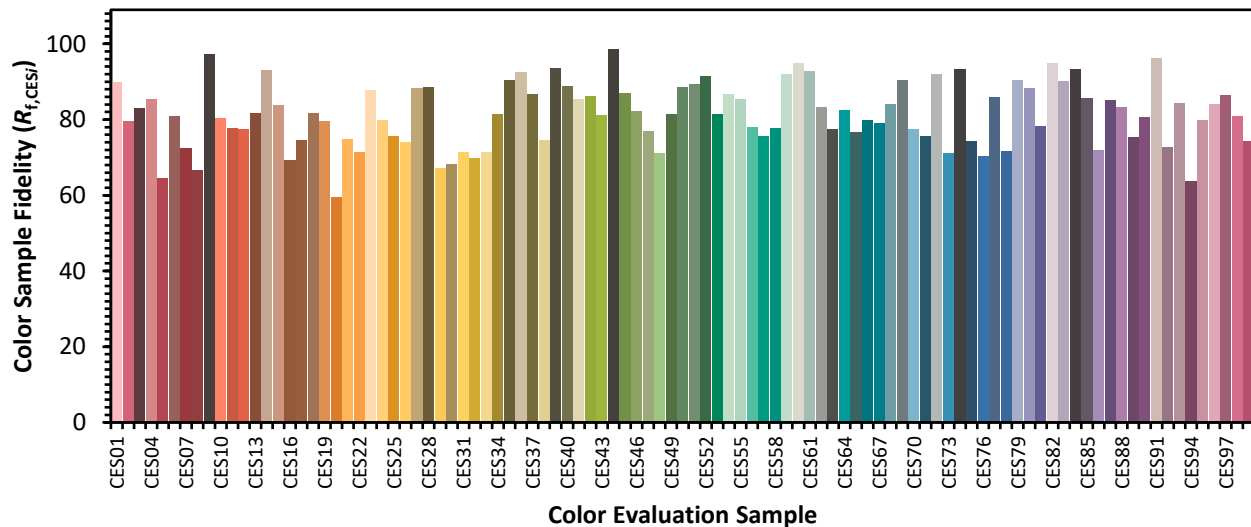


Color Vector Graphics

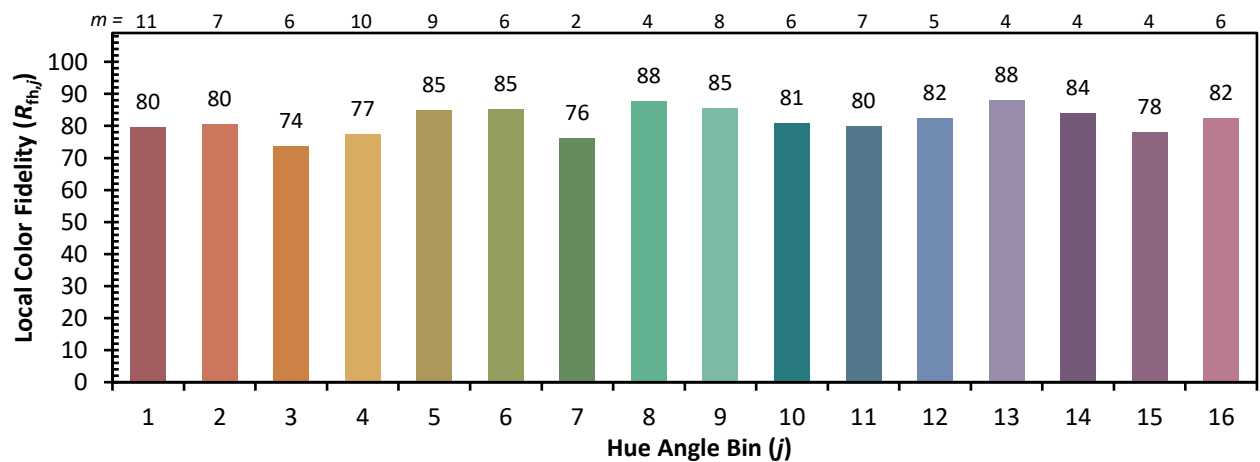
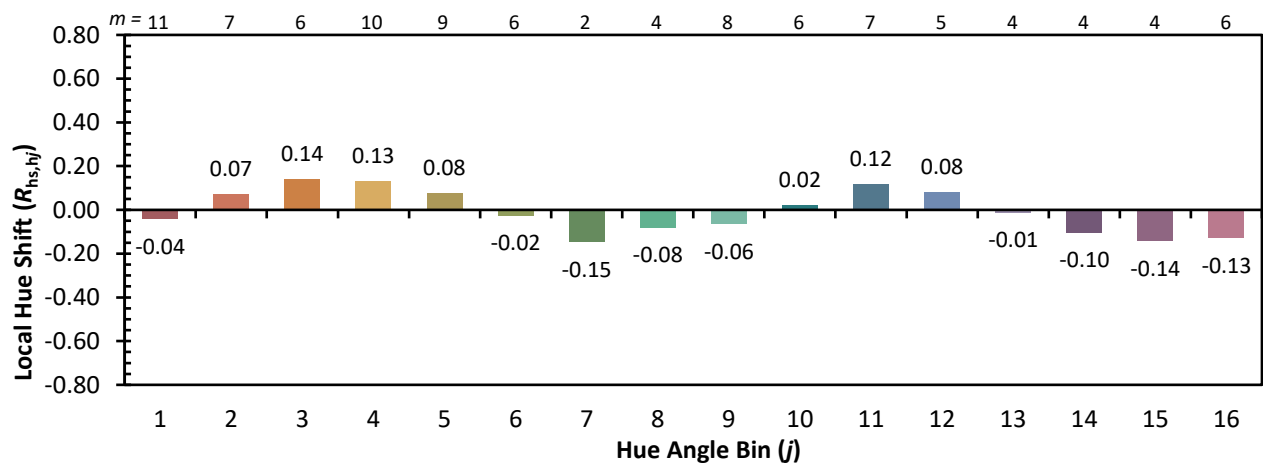
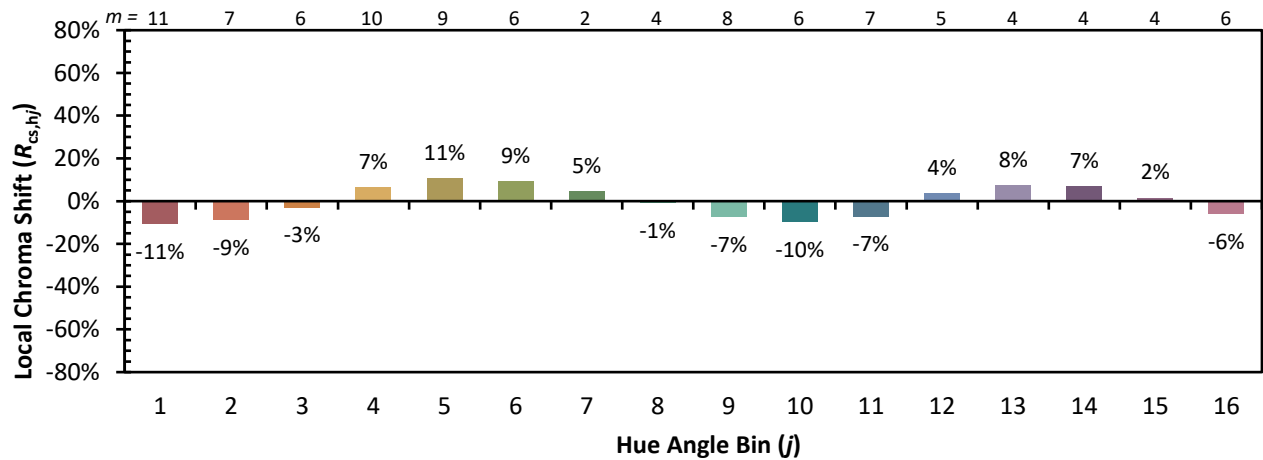


Individual Sample Fidelity Index ($R_{f,i}$)

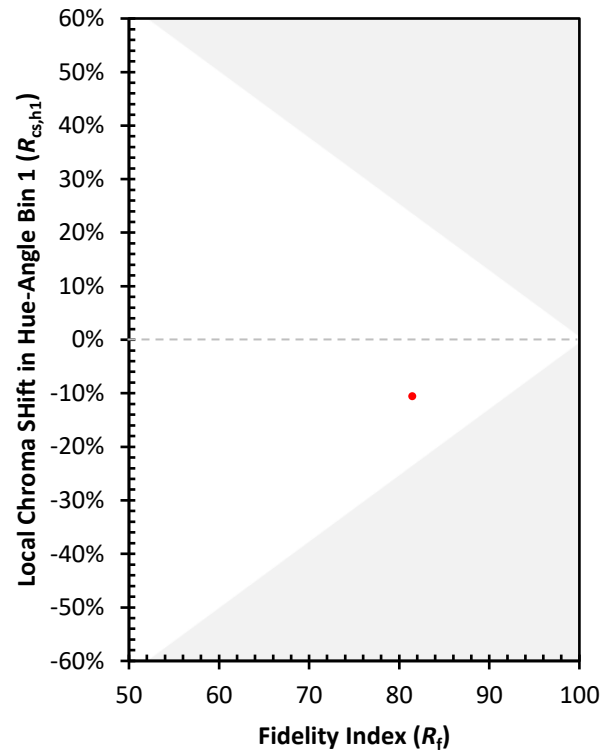
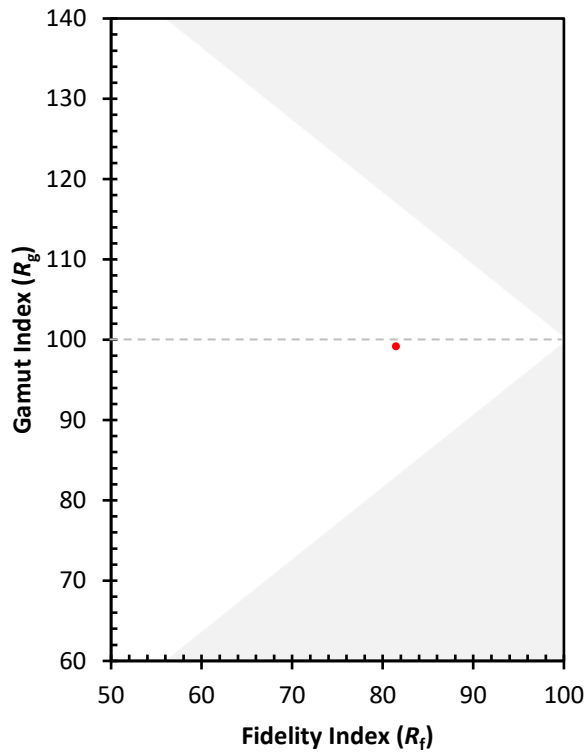
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)