

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: P1049043

Luminaire Tested: **GALN-SA4C-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049043
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20600.4 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (A_{in}): 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

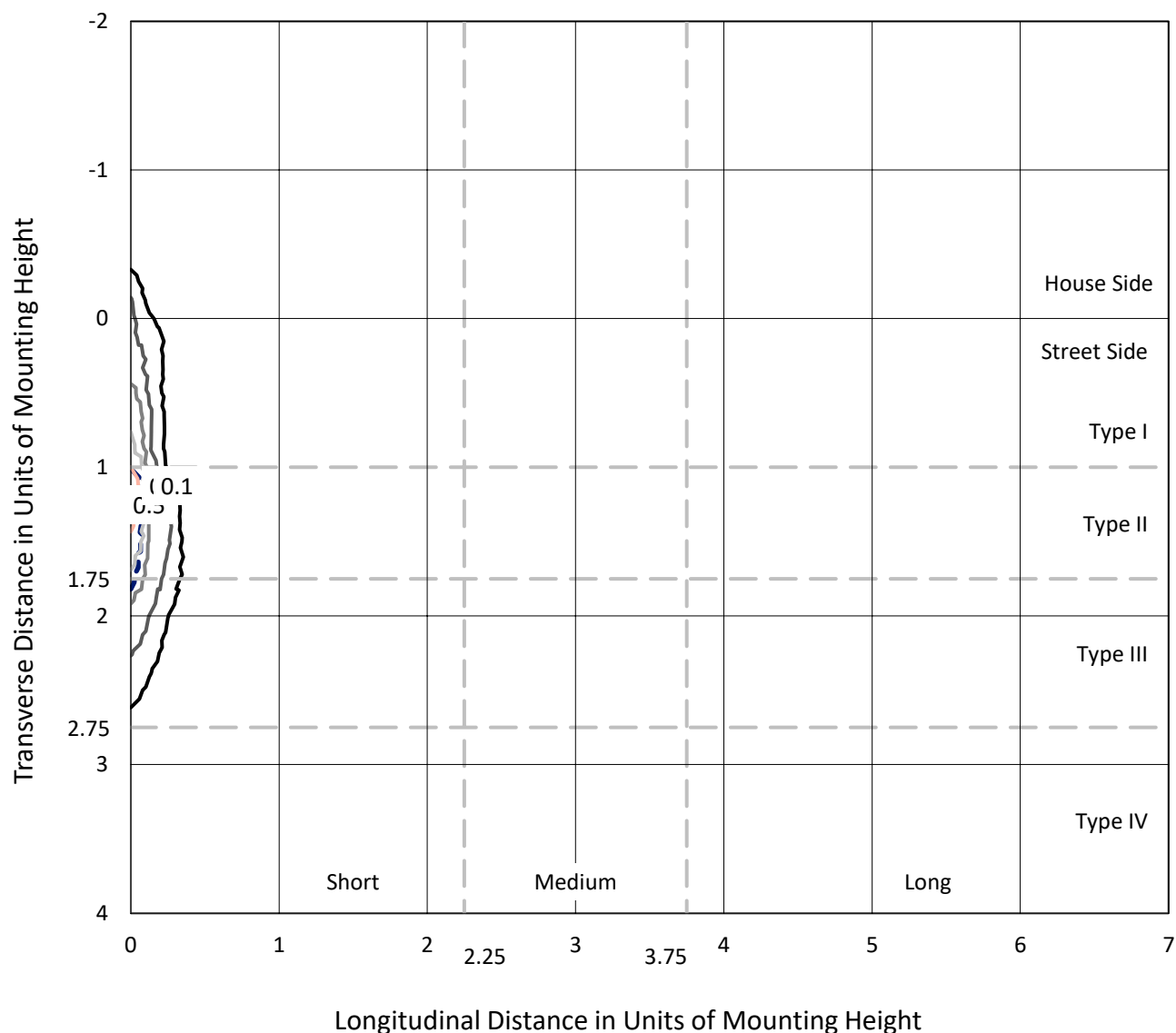
REPORT NUMBER: P1049043

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

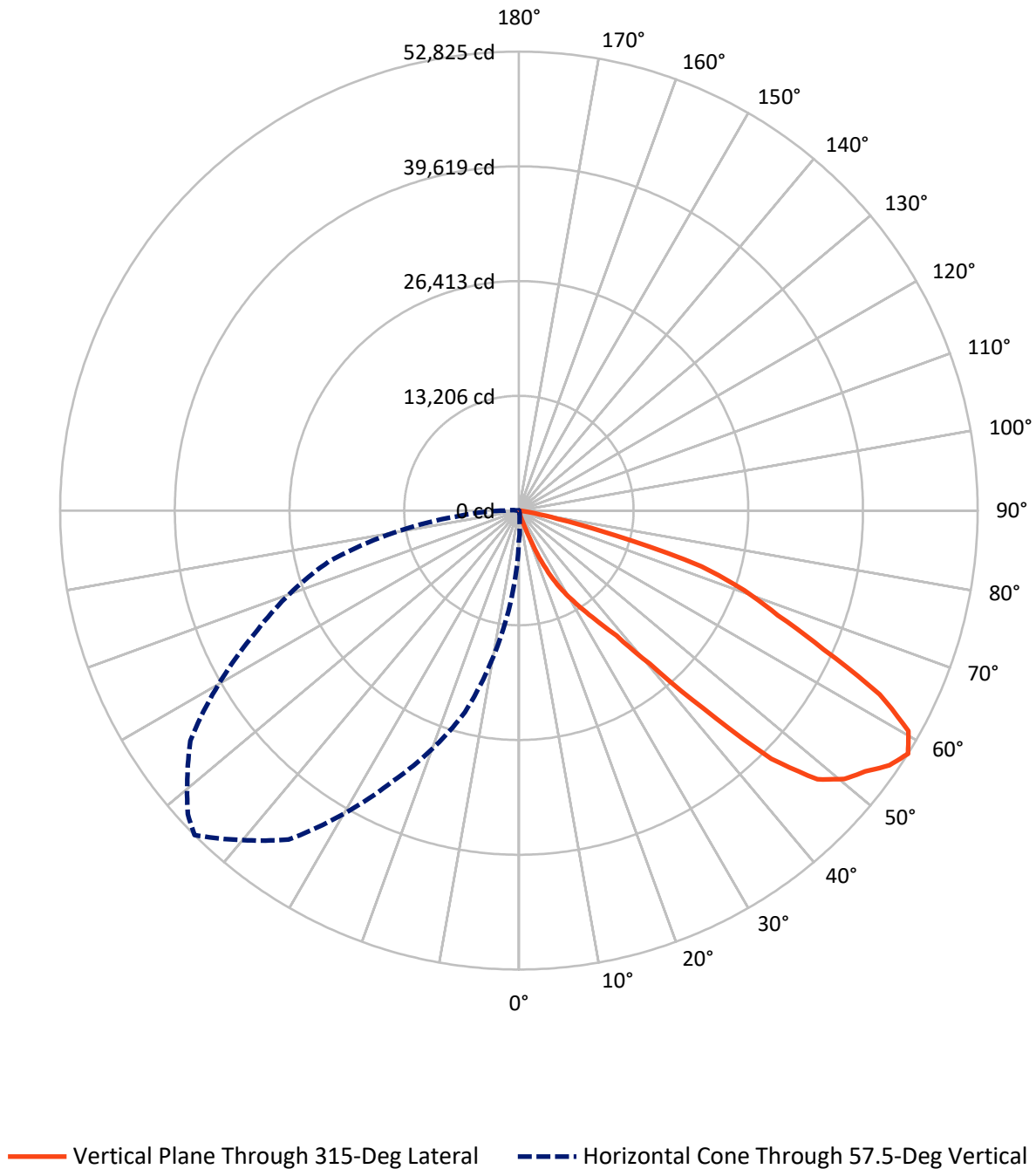


Based on 20 foot mounting height. Maximum calculated value = 3 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.2	0.0	103.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20497.2	0.0	20497.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	20600.4	0.0	20600.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	0.0
10°-20°	45.3	0.2
20°-30°	488.2	2.4
30°-40°	1443.7	7.0
40°-50°	4302.6	20.9
50°-60°	6822.4	33.1
60°-70°	5695.0	27.6
70°-80°	1756.1	8.5
80°-90°	39.1	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°	20600.4	100.0
0°-180°	20600.4	100.0



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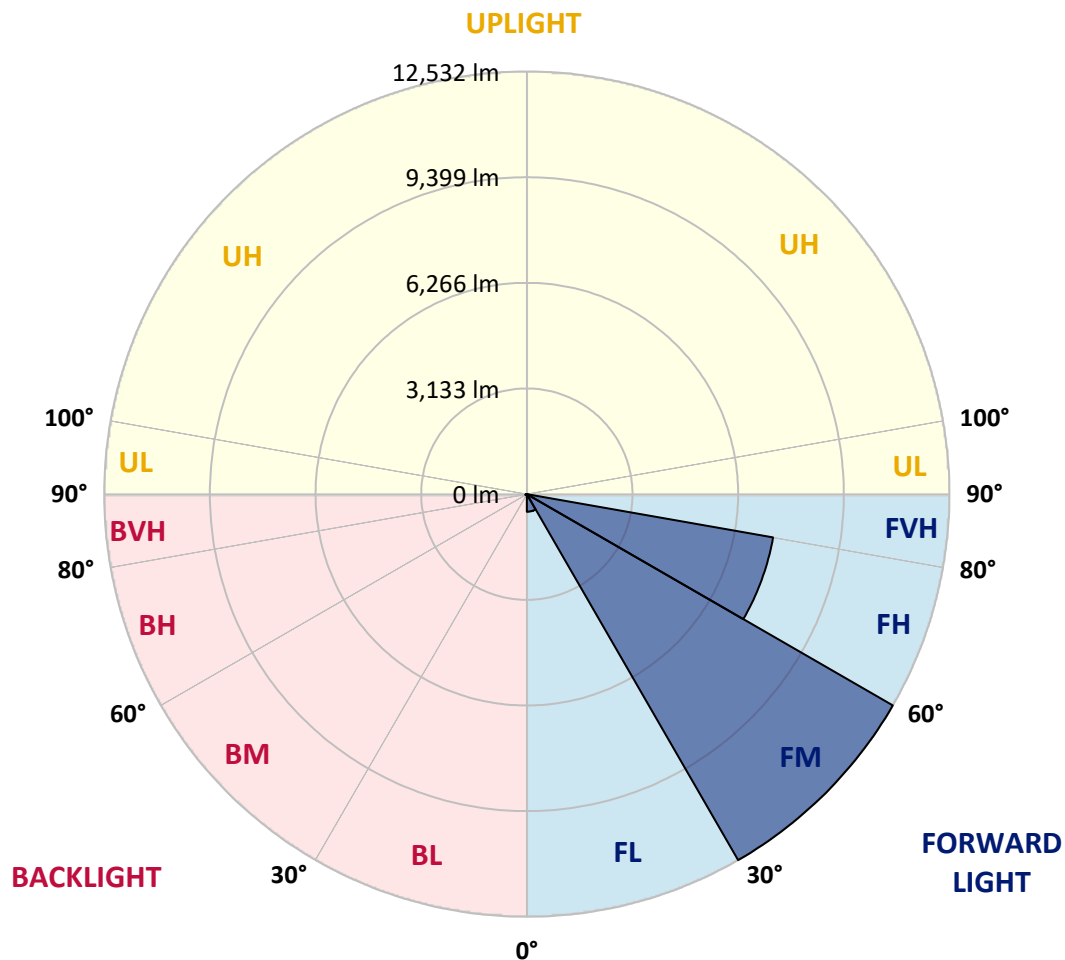
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	522.6	2.5			
FM	(30°-60°)	12531.8	60.8			
FH	(60°-80°)	7412.7	36.0			G3/7500
FVH	(80°-90°)	30.2	0.1			G1/100
BL	(0°-30°)	18.9	0.1	B0/110		
BM	(30°-60°)	36.9	0.2	B0/220		
BH	(60°-80°)	38.5	0.2	B0/110		G0/110
BVH	(80°-90°)	8.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2.5°	82.5	82.5	82.5	82.5	81.0	81.0	79.4	79.4	77.8	77.8
5°	87.2	87.2	85.6	84.1	84.1	82.5	81.0	79.4	79.4	77.8
7.5°	95.0	93.4	91.8	90.3	87.2	85.6	82.5	81.0	79.4	76.3
10°	104.3	101.2	98.1	95.0	91.8	88.7	85.6	84.1	81.0	79.4
12.5°	116.8	112.1	105.9	101.2	98.1	93.4	90.3	87.2	82.5	79.4
15°	127.7	121.4	113.6	107.4	102.7	96.5	91.8	87.2	84.1	79.4
17.5°	143.2	132.3	119.9	112.1	105.9	98.1	90.3	85.6	81.0	74.7
20°	169.7	147.9	124.5	115.2	105.9	96.5	87.2	81.0	76.3	70.1
22.5°	211.7	174.4	137.0	123.0	110.5	96.5	84.1	77.8	71.6	65.4
25°	292.7	225.7	158.8	140.1	121.4	102.7	84.1	76.3	70.1	62.3
27.5°	389.2	289.6	188.4	161.9	137.0	110.5	84.1	74.7	66.9	57.6
30°	487.3	354.9	221.1	186.8	152.6	118.3	84.1	73.2	63.8	52.9
32.5°	580.7	415.7	249.1	208.6	168.1	126.1	85.6	73.2	60.7	48.3
35°	675.6	465.5	253.8	211.7	169.7	126.1	84.1	70.1	57.6	43.6
37.5°	797.1	521.5	244.4	202.4	161.9	119.9	79.4	66.9	54.5	40.5
40°	980.8	614.9	249.1	205.5	161.9	118.3	74.7	62.3	51.4	38.9
42.5°	1320.1	795.5	269.3	219.5	169.7	118.3	68.5	57.6	48.3	37.4
45°	2282.2	1321.7	361.2	286.4	211.7	137.0	62.3	52.9	45.1	35.8
47.5°	3775.1	2212.1	649.2	501.3	354.9	207.0	60.7	52.9	45.1	35.8
50°	4818.2	2817.7	817.3	628.9	440.6	252.2	63.8	54.5	46.7	37.4
52.5°	4810.4	2861.3	910.7	699.0	488.8	277.1	66.9	57.6	49.8	40.5
55°	4276.4	2602.9	927.8	713.0	499.7	284.9	71.6	62.3	52.9	43.6
57.5°	3574.3	2210.6	846.9	655.4	465.5	274.0	82.5	71.6	62.3	51.4
60°	2827.1	1743.6	660.1	521.5	384.5	246.0	109.0	95.0	82.5	68.5
62.5°	1952.2	1264.1	576.0	462.4	350.3	236.6	124.5	110.5	98.1	84.1
65°	1380.8	951.2	520.0	423.4	328.5	232.0	135.4	119.9	105.9	90.3
67.5°	1032.1	756.6	479.5	397.0	314.5	232.0	149.4	130.8	113.6	95.0
70°	790.8	621.1	449.9	383.0	317.6	250.6	183.7	157.2	132.3	105.9
72.5°	644.5	530.9	415.7	367.4	319.1	270.9	222.6	188.4	154.1	118.3
75°	534.0	454.6	375.2	334.7	295.8	255.3	214.8	183.7	154.1	123.0
77.5°	354.9	323.8	291.1	267.8	244.4	219.5	196.2	169.7	144.8	118.3
80°	124.5	119.9	115.2	124.5	133.9	143.2	152.6	133.9	116.8	98.1
82.5°	18.7	17.1	15.6	17.1	18.7	20.2	21.8	23.4	24.9	26.5
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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	76.3	76.3	74.7	74.7	74.7	73.2	73.2	71.6	71.6	71.6
0.0	5°	74.7	74.7	73.2	71.6	70.1	70.1	68.5	66.9	66.9	65.4
0.0	7.5°	73.2	71.6	70.1	68.5	66.9	65.4	63.8	62.3	62.3	60.7
0.0	10°	74.7	71.6	70.1	66.9	65.4	63.8	60.7	59.2	57.6	57.6
0.0	12.5°	71.6	70.1	66.9	63.8	62.3	59.2	57.6	54.5	52.9	52.9
0.0	15°	71.6	68.5	63.8	60.7	57.6	56.0	52.9	49.8	48.3	46.7
0.0	17.5°	66.9	63.8	59.2	56.0	52.9	49.8	46.7	43.6	42.0	40.5
0.0	20°	60.7	57.6	52.9	48.3	45.1	42.0	38.9	35.8	34.2	32.7
0.0	22.5°	54.5	51.4	46.7	42.0	38.9	35.8	31.1	28.0	26.5	23.4
0.0	25°	51.4	46.7	42.0	37.4	32.7	29.6	24.9	20.2	17.1	14.0
0.0	27.5°	43.6	38.9	34.2	29.6	24.9	20.2	15.6	10.9	7.8	6.2
0.0	30°	37.4	32.7	28.0	23.4	17.1	12.5	7.8	1.6	1.6	1.6
0.0	32.5°	31.1	26.5	20.2	15.6	12.5	7.8	4.7	0.0	0.0	0.0
0.0	35°	24.9	20.2	14.0	9.3	7.8	4.7	3.1	0.0	0.0	0.0
0.0	37.5°	21.8	17.1	10.9	4.7	3.1	3.1	1.6	0.0	0.0	0.0
0.0	40°	20.2	14.0	7.8	1.6	1.6	1.6	0.0	0.0	0.0	0.0
0.0	42.5°	20.2	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.2	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.2	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.8	15.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.9	18.7	12.5	6.2	4.7	3.1	1.6	0.0	0.0	0.0
0.0	55°	31.1	28.0	23.4	20.2	15.6	10.9	4.7	0.0	0.0	0.0
0.0	57.5°	40.5	40.5	38.9	37.4	28.0	18.7	9.3	0.0	0.0	0.0
0.0	60°	54.5	54.5	54.5	54.5	40.5	28.0	14.0	0.0	0.0	0.0
0.0	62.5°	66.9	63.8	59.2	56.0	42.0	28.0	14.0	0.0	0.0	0.0
0.0	65°	66.9	60.7	52.9	45.1	34.2	23.4	10.9	0.0	0.0	0.0
0.0	67.5°	62.3	49.8	35.8	23.4	17.1	12.5	6.2	0.0	0.0	0.0
	70°	62.3	43.6	24.9	6.2	4.7	3.1	1.6	0.0	0.0	0.0
	72.5°	62.3	42.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	68.5	46.7	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	68.5	46.7	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	60.7	40.5	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.2	14.0	6.2	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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	70.1	70.1	70.1	68.5	68.5	68.5	68.5	66.9	66.9	66.9
0.0	5°	63.8	63.8	62.3	62.3	60.7	60.7	59.2	59.2	57.6	57.6
0.0	7.5°	59.2	57.6	57.6	56.0	54.5	54.5	52.9	52.9	51.4	49.8
0.0	10°	54.5	52.9	52.9	51.4	49.8	48.3	48.3	46.7	45.1	43.6
0.0	12.5°	49.8	48.3	46.7	45.1	43.6	42.0	42.0	40.5	38.9	37.4
0.0	15°	43.6	42.0	40.5	38.9	37.4	35.8	35.8	34.2	32.7	31.1
0.0	17.5°	37.4	35.8	35.8	34.2	32.7	31.1	29.6	26.5	24.9	23.4
0.0	20°	28.0	26.5	24.9	23.4	21.8	18.7	17.1	14.0	10.9	9.3
0.0	22.5°	18.7	15.6	14.0	10.9	7.8	6.2	4.7	1.6	0.0	0.0
0.0	25°	6.2	4.7	3.1	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-SA4C-750-U-RBC

[illegible]

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	65.4	65.4	65.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8
0.0	5°	56.0	56.0	56.0	54.5	54.5	52.9	52.9	52.9	51.4	51.4
0.0	7.5°	48.3	46.7	46.7	45.1	45.1	43.6	43.6	43.6	42.0	42.0
0.0	10°	40.5	38.9	38.9	37.4	37.4	35.8	35.8	34.2	34.2	32.7
0.0	12.5°	35.8	34.2	32.7	31.1	31.1	29.6	28.0	28.0	26.5	24.9
0.0	15°	28.0	26.5	24.9	23.4	21.8	20.2	18.7	18.7	17.1	15.6
0.0	17.5°	18.7	15.6	14.0	12.5	12.5	10.9	9.3	7.8	6.2	4.7
0.0	20°	4.7	3.1	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

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	63.8	62.3	62.3	62.3	63.8	63.8	63.8	63.8	63.8	63.8
0.0	5°	51.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
0.0	7.5°	42.0	40.5	40.5	40.5	40.5	38.9	38.9	38.9	38.9	38.9
0.0	10°	32.7	31.1	31.1	31.1	31.1	29.6	29.6	29.6	29.6	29.6
0.0	12.5°	23.4	23.4	21.8	21.8	21.8	20.2	20.2	20.2	20.2	18.7
0.0	15°	14.0	12.5	10.9	10.9	10.9	9.3	9.3	9.3	9.3	7.8
0.0	17.5°	3.1	3.1	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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	65.4	65.4	66.9	66.9	68.5	71.6	73.2	74.7	77.8	81.0
0.0	5°	51.4	52.9	52.9	54.5	56.0	57.6	59.2	60.7	63.8	66.9
0.0	7.5°	40.5	40.5	42.0	42.0	43.6	46.7	48.3	49.8	52.9	57.6
0.0	10°	31.1	31.1	32.7	32.7	34.2	37.4	38.9	40.5	43.6	48.3
0.0	12.5°	20.2	21.8	21.8	23.4	24.9	28.0	29.6	31.1	34.2	37.4
0.0	15°	9.3	10.9	10.9	12.5	14.0	17.1	18.7	20.2	23.4	28.0
0.0	17.5°	1.6	1.6	3.1	3.1	4.7	6.2	7.8	9.3	14.0	17.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.2
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: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	85.6	88.7	91.8	95.0	98.1	101.2	102.7	105.9	107.4	109.0
0.0	5°	73.2	76.3	81.0	84.1	87.2	90.3	93.4	95.0	96.5	98.1
0.0	7.5°	63.8	66.9	71.6	74.7	77.8	81.0	84.1	87.2	88.7	90.3
0.0	10°	54.5	59.2	62.3	66.9	70.1	73.2	76.3	79.4	82.5	84.1
0.0	12.5°	43.6	48.3	52.9	56.0	60.7	65.4	68.5	71.6	74.7	77.8
0.0	15°	34.2	38.9	43.6	46.7	51.4	56.0	60.7	63.8	66.9	70.1
0.0	17.5°	24.9	29.6	34.2	37.4	42.0	46.7	49.8	54.5	57.6	60.7
0.0	20°	12.5	17.1	21.8	26.5	31.1	35.8	38.9	43.6	46.7	49.8
0.0	22.5°	1.6	6.2	10.9	14.0	18.7	23.4	26.5	31.1	34.2	37.4
0.0	25°	0.0	1.6	4.7	6.2	7.8	10.9	14.0	17.1	20.2	23.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.6	3.1	6.2	9.3	12.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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	3.1
	85°	0.0	0.0	0.0	0.0	0.0	3.1	4.7	7.8	9.3	10.9
	87.5°	0.0	1.6	3.1	4.7	6.2	9.3	12.5	15.6	17.1	18.7
	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: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
90.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	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											
6.2											
14.0											
20.2											
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REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	110.5	110.5	110.5	110.5	109.0	109.0	109.0	107.4	107.4	105.9
0.0	5°	101.2	102.7	102.7	102.7	102.7	102.7	102.7	102.7	101.2	101.2
0.0	7.5°	93.4	95.0	96.5	96.5	98.1	98.1	98.1	96.5	96.5	95.0
0.0	10°	88.7	90.3	90.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.0	12.5°	82.5	84.1	85.6	85.6	87.2	87.2	87.2	87.2	85.6	85.6
0.0	15°	74.7	77.8	79.4	81.0	81.0	82.5	82.5	82.5	82.5	82.5
0.0	17.5°	68.5	71.6	73.2	74.7	74.7	76.3	76.3	77.8	77.8	77.8
0.0	20°	56.0	59.2	60.7	63.8	65.4	66.9	68.5	70.1	70.1	71.6
0.0	22.5°	43.6	46.7	48.3	51.4	52.9	54.5	56.0	57.6	59.2	60.7
0.0	25°	31.1	34.2	35.8	38.9	40.5	42.0	43.6	45.1	45.1	46.7
0.0	27.5°	17.1	20.2	23.4	24.9	28.0	29.6	31.1	32.7	34.2	35.8
0.0	30°	7.8	9.3	10.9	14.0	15.6	17.1	18.7	21.8	23.4	24.9
0.0	32.5°	0.0	0.0	1.6	4.7	6.2	7.8	9.3	10.9	10.9	12.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.1	4.7	6.2
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°	3.1	3.1	3.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7
	82.5°	7.8	9.3	10.9	10.9	12.5	12.5	12.5	12.5	10.9	10.9
	85°	15.6	17.1	18.7	18.7	20.2	20.2	20.2	20.2	20.2	20.2
	87.5°	21.8	23.4	24.9	24.9	26.5	26.5	26.5	26.5	26.5	26.5
	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: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
90.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	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											
10.9											
20.2											
26.5											
0.0											
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REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	104.3	104.3	102.7	102.7	102.7	102.7	102.7	104.3	105.9	105.9
0.0	5°	99.6	99.6	98.1	98.1	98.1	99.6	99.6	101.2	102.7	104.3
0.0	7.5°	95.0	93.4	93.4	95.0	95.0	96.5	96.5	98.1	99.6	101.2
0.0	10°	91.8	90.3	90.3	90.3	91.8	91.8	93.4	95.0	96.5	98.1
0.0	12.5°	85.6	85.6	85.6	85.6	87.2	87.2	88.7	90.3	93.4	95.0
0.0	15°	82.5	81.0	81.0	81.0	81.0	82.5	82.5	85.6	88.7	90.3
0.0	17.5°	76.3	76.3	74.7	74.7	76.3	76.3	77.8	81.0	84.1	85.6
0.0	20°	70.1	68.5	66.9	66.9	68.5	68.5	70.1	73.2	76.3	77.8
0.0	22.5°	60.7	59.2	59.2	59.2	59.2	60.7	60.7	63.8	68.5	71.6
0.0	25°	48.3	49.8	49.8	51.4	51.4	52.9	54.5	57.6	62.3	65.4
0.0	27.5°	37.4	38.9	38.9	42.0	43.6	45.1	46.7	51.4	56.0	59.2
0.0	30°	28.0	29.6	31.1	32.7	35.8	38.9	42.0	46.7	51.4	54.5
0.0	32.5°	17.1	20.2	21.8	24.9	28.0	31.1	34.2	38.9	45.1	49.8
0.0	35°	12.5	14.0	17.1	18.7	21.8	24.9	28.0	34.2	38.9	45.1
0.0	37.5°	6.2	9.3	12.5	15.6	18.7	21.8	24.9	31.1	37.4	42.0
0.0	40°	4.7	7.8	9.3	12.5	17.1	20.2	23.4	29.6	35.8	42.0
0.0	42.5°	3.1	4.7	6.2	10.9	14.0	18.7	23.4	29.6	35.8	42.0
0.0	45°	3.1	3.1	4.7	9.3	14.0	20.2	24.9	31.1	35.8	42.0
0.0	47.5°	3.1	4.7	6.2	12.5	15.6	20.2	24.9	29.6	35.8	40.5
0.0	50°	4.7	6.2	7.8	14.0	17.1	21.8	24.9	31.1	35.8	42.0
0.0	52.5°	3.1	4.7	6.2	12.5	17.1	23.4	28.0	34.2	40.5	45.1
0.0	55°	1.6	1.6	1.6	9.3	18.7	26.5	35.8	40.5	46.7	51.4
0.0	57.5°	0.0	0.0	0.0	6.2	18.7	29.6	40.5	46.7	52.9	57.6
0.0	60°	0.0	0.0	0.0	6.2	18.7	29.6	40.5	48.3	56.0	63.8
0.0	62.5°	0.0	0.0	0.0	6.2	15.6	24.9	34.2	46.7	60.7	73.2
0.0	65°	0.0	0.0	0.0	4.7	12.5	20.2	28.0	46.7	65.4	82.5
0.0	67.5°	0.0	0.0	0.0	4.7	12.5	18.7	26.5	46.7	65.4	85.6
	70°	0.0	0.0	0.0	4.7	12.5	20.2	28.0	46.7	65.4	84.1
	72.5°	0.0	0.0	0.0	4.7	14.0	21.8	31.1	46.7	62.3	77.8
	75°	0.0	0.0	0.0	6.2	14.0	23.4	32.7	46.7	60.7	73.2
	77.5°	0.0	0.0	0.0	4.7	14.0	21.8	31.1	45.1	59.2	71.6
	80°	4.7	3.1	3.1	7.8	14.0	20.2	26.5	40.5	56.0	70.1
	82.5°	9.3	9.3	7.8	10.9	14.0	18.7	23.4	35.8	49.8	62.3
	85°	18.7	18.7	17.1	18.7	18.7	20.2	21.8	28.0	34.2	40.5
	87.5°	24.9	24.9	23.4	23.4	23.4	21.8	21.8	21.8	21.8	20.2
	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: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
90.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7											
93.4											
87.2											
85.6											
84.1											
74.7											
46.7											
20.2											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	109.0	110.5	110.5	112.1	113.6	115.2	115.2	116.8	116.8	116.8
0.0	5°	107.4	110.5	112.1	113.6	115.2	116.8	118.3	119.9	121.4	121.4
0.0	7.5°	105.9	107.4	110.5	112.1	115.2	116.8	119.9	121.4	123.0	124.5
0.0	10°	102.7	105.9	109.0	112.1	115.2	118.3	121.4	124.5	127.7	129.2
0.0	12.5°	99.6	104.3	107.4	110.5	115.2	119.9	123.0	127.7	130.8	133.9
0.0	15°	98.1	101.2	105.9	109.0	115.2	121.4	126.1	132.3	138.6	143.2
0.0	17.5°	93.4	99.6	104.3	109.0	115.2	123.0	129.2	135.4	144.8	154.1
0.0	20°	87.2	91.8	98.1	102.7	112.1	119.9	129.2	137.0	151.0	165.0
0.0	22.5°	81.0	87.2	91.8	98.1	109.0	118.3	129.2	138.6	161.9	183.7
0.0	25°	74.7	82.5	88.7	95.0	107.4	119.9	132.3	144.8	183.7	222.6
0.0	27.5°	71.6	77.8	85.6	91.8	107.4	124.5	140.1	155.7	217.9	278.7
0.0	30°	66.9	74.7	81.0	88.7	109.0	129.2	149.4	169.7	264.6	359.6
0.0	32.5°	62.3	70.1	77.8	85.6	112.1	138.6	163.5	189.9	314.5	437.4
0.0	35°	57.6	66.9	74.7	82.5	116.8	152.6	186.8	221.1	359.6	496.6
0.0	37.5°	56.0	65.4	73.2	81.0	118.3	154.1	191.5	227.3	364.3	501.3
0.0	40°	57.6	65.4	74.7	82.5	113.6	144.8	174.4	205.5	348.7	490.4
0.0	42.5°	57.6	66.9	76.3	85.6	110.5	135.4	160.3	185.3	344.0	502.8
0.0	45°	56.0	65.4	74.7	84.1	107.4	129.2	152.6	174.4	372.1	568.2
0.0	47.5°	54.5	63.8	73.2	82.5	105.9	129.2	152.6	175.9	481.0	784.6
0.0	50°	54.5	63.8	71.6	79.4	107.4	137.0	165.0	193.0	700.5	1206.5
0.0	52.5°	57.6	65.4	71.6	77.8	110.5	144.8	177.5	210.2	890.5	1569.2
0.0	55°	62.3	66.9	73.2	77.8	118.3	157.2	197.7	236.6	948.1	1659.5
0.0	57.5°	68.5	73.2	77.8	82.5	132.3	182.1	230.4	280.2	952.7	1623.7
0.0	60°	76.3	82.5	87.2	91.8	144.8	199.3	252.2	305.1	862.4	1418.2
0.0	62.5°	93.4	101.2	107.4	115.2	166.6	216.4	267.8	317.6	716.1	1114.6
0.0	65°	107.4	113.6	119.9	126.1	175.9	227.3	277.1	326.9	607.1	887.3
0.0	67.5°	110.5	116.8	121.4	127.7	179.0	230.4	280.2	331.6	520.0	706.8
	70°	112.1	119.9	129.2	137.0	189.9	242.9	294.2	347.2	460.8	574.4
	72.5°	107.4	123.0	137.0	151.0	200.8	249.1	298.9	347.2	428.1	509.1
	75°	107.4	129.2	149.4	169.7	207.0	242.9	280.2	316.0	378.3	440.6
	77.5°	113.6	141.7	169.7	197.7	219.5	239.7	261.5	281.8	322.2	362.7
	80°	113.6	143.2	171.2	200.8	210.2	221.1	230.4	239.7	244.4	249.1
	82.5°	98.1	121.4	144.8	168.1	157.2	146.3	135.4	124.5	116.8	107.4
	85°	49.8	54.5	57.6	60.7	56.0	51.4	46.7	42.0	38.9	34.2
	87.5°	20.2	20.2	18.7	18.7	18.7	18.7	17.1	17.1	17.1	17.1
	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: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
90.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
460.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
624.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
779.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
965.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1044.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1511.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2304.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3529.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4443.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4544.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4100.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3505.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2739.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2070.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1528.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1081.9											
804.8											
585.3											
440.6											
247.5											
112.1											
32.7											
15.6											
0.0											
0.0											
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REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	116.8	115.2	115.2	113.6	112.1	110.5	109.0	107.4	105.9	104.3
0.0	5°	121.4	121.4	121.4	119.9	119.9	118.3	118.3	116.8	115.2	113.6
0.0	7.5°	126.1	127.7	127.7	129.2	129.2	129.2	129.2	127.7	127.7	127.7
0.0	10°	133.9	135.4	137.0	138.6	140.1	141.7	141.7	143.2	143.2	143.2
0.0	12.5°	143.2	147.9	151.0	155.7	158.8	163.5	166.6	171.2	174.4	177.5
0.0	15°	157.2	165.0	174.4	182.1	189.9	200.8	213.3	224.2	235.1	252.2
0.0	17.5°	177.5	202.4	227.3	250.6	275.5	330.0	384.5	437.4	491.9	571.3
0.0	20°	216.4	291.1	364.3	439.0	512.2	703.7	893.6	1085.1	1275.0	1478.9
0.0	22.5°	303.6	487.3	671.0	854.7	1038.4	1438.4	1837.0	2237.1	2635.6	3104.2
0.0	25°	440.6	778.4	1116.2	1452.5	1790.3	2416.1	3043.5	3669.3	4295.1	4903.8
0.0	27.5°	641.4	1158.2	1675.1	2190.4	2707.2	3555.6	4405.6	5254.0	6102.5	6790.6
0.0	30°	888.9	1589.4	2290.0	2990.5	3691.1	4656.3	5621.4	6585.1	7550.3	8302.2
0.0	32.5°	1122.4	1980.2	2838.0	3694.2	4551.9	5651.0	6751.6	7850.7	8949.8	9771.7
0.0	35°	1275.0	2311.8	3350.1	4386.9	5423.7	6613.1	7802.5	8990.3	10179.6	11118.3
0.0	37.5°	1427.5	2624.7	3820.3	5017.4	6213.0	7519.1	8825.2	10131.4	11437.5	12597.3
0.0	40°	1598.8	3003.0	4405.6	5809.8	7212.4	8759.9	10305.7	11853.1	13399.0	15035.1
0.0	42.5°	1896.1	3630.4	5366.1	7100.4	8834.6	10881.7	12928.8	14974.4	17021.6	19356.7
0.0	45°	2455.0	4899.1	7344.8	9788.9	12233.0	14944.8	17658.3	20370.1	23082.0	26189.3
0.0	47.5°	3823.4	7186.0	10547.0	13909.6	17270.6	20198.9	23125.6	26053.8	28980.5	32075.4
0.0	50°	5850.3	9764.0	13677.6	17589.8	21503.4	24153.0	26801.1	29450.7	32098.7	35042.5
0.0	52.5°	7316.7	11393.9	15472.6	19549.7	23626.9	26018.0	28410.8	30801.9	33193.1	35943.9
0.0	55°	7427.3	11481.1	15536.4	19590.2	23644.0	26046.1	28448.1	30850.2	33252.3	36168.1
0.0	57.5°	6575.7	10596.8	14616.4	18637.5	22657.0	25392.2	28125.9	30861.1	33594.8	36747.2
0.0	60°	5593.4	9616.1	13637.2	17659.8	21680.9	24831.8	27984.2	31135.1	34286.0	37239.1
0.0	62.5°	4363.6	8501.4	12640.8	16778.7	20916.6	24115.7	27314.8	30512.4	33711.5	35926.8
0.0	65°	3252.1	7270.0	11288.0	15304.5	19322.4	21884.9	24447.3	27008.1	29570.5	30942.0
0.0	67.5°	2350.7	5816.0	9279.8	12745.1	16208.9	18042.8	19876.6	21708.9	23542.8	24592.0
	70°	1589.4	3990.0	6388.9	8789.4	11188.4	12695.3	14203.8	15710.8	17217.7	18634.3
	72.5°	1100.6	2448.8	3798.5	5146.6	6494.8	8011.1	9525.8	11042.1	12556.8	14055.9
	75°	730.1	1343.5	1958.4	2571.8	3185.1	4307.5	5431.5	6553.9	7676.4	8569.9
	77.5°	518.4	702.1	887.3	1071.0	1254.7	1464.9	1676.6	1886.8	2096.9	2416.1
	80°	246.0	269.3	292.7	314.5	337.8	414.1	490.4	566.7	642.9	723.9
	82.5°	116.8	126.1	135.4	143.2	152.6	160.3	168.1	175.9	183.7	175.9
	85°	31.1	31.1	32.7	32.7	32.7	32.7	32.7	32.7	32.7	31.1
	87.5°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.5	12.5	10.9
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
90.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1684.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3572.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5512.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7478.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9055.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10595.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12057.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13758.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16671.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21691.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29296.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35170.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37986.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38694.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39085.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39899.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40190.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38143.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32315.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25642.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20049.4											
15555.1											
9463.5											
2735.2											
804.8											
166.6											
29.6											
10.9											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	2.5°	101.2	99.6	98.1	96.5	95.0	91.8	91.8	90.3	90.3
0.0	5°	110.5	109.0	107.4	105.9	105.9	104.3	102.7	102.7	101.2
0.0	7.5°	126.1	124.5	123.0	121.4	121.4	119.9	119.9	118.3	118.3
0.0	10°	144.8	144.8	144.8	144.8	144.8	143.2	143.2	143.2	141.7
0.0	12.5°	182.1	183.7	186.8	189.9	194.6	194.6	194.6	193.0	193.0
0.0	15°	288.0	305.1	317.6	330.0	340.9	365.8	362.7	358.1	354.9
0.0	17.5°	728.6	806.4	848.4	888.9	930.9	1046.1	1027.5	1008.8	991.7
0.0	20°	1888.3	2092.3	2227.7	2363.2	2500.1	2716.5	2663.6	2610.7	2557.7
0.0	22.5°	4039.8	4508.4	4712.3	4916.2	5118.6	5380.1	5210.5	5040.8	4872.6
0.0	25°	6119.6	6728.3	7072.3	7416.4	7758.9	7908.3	7687.3	7464.6	7243.6
0.0	27.5°	8166.7	8854.8	9158.4	9460.4	9764.0	10076.9	9802.9	9527.3	9253.3
0.0	30°	9807.6	10559.5	10887.9	11214.9	11543.3	11761.3	11477.9	11193.1	10909.7
0.0	32.5°	11417.2	12239.2	12598.8	12958.4	13316.5	13629.4	13280.7	12930.4	12581.7
0.0	35°	12994.2	13933.0	14428.0	14923.0	15418.1	15709.2	15295.1	14879.5	14465.4
0.0	37.5°	14918.4	16078.2	16632.4	17186.6	17740.8	18271.6	17815.5	17357.8	16901.7
0.0	40°	18307.4	19943.6	20793.6	21645.1	22495.1	23180.1	22604.1	22028.1	21452.1
0.0	42.5°	24026.9	26362.1	27584.1	28804.6	30026.7	31096.2	30490.6	29885.0	29279.4
0.0	45°	32403.8	35511.1	37000.9	38489.2	39979.0	40760.5	39888.7	39015.4	38143.6
0.0	47.5°	38263.5	41358.3	42684.6	44011.0	45337.4	46229.4	45163.0	44096.6	43031.8
0.0	50°	40928.6	43872.4	45203.5	46532.9	47864.0	48572.3	47340.9	46107.9	44876.6
0.0	52.5°	41443.9	44194.7	45782.6	47372.0	48959.9	49906.4	48452.4	46996.9	45542.8
0.0	55°	42001.2	44917.0	46758.7	48601.9	50443.5	51754.3	50110.4	48464.9	46820.9
0.0	57.5°	43050.5	46202.9	48039.9	49875.3	51712.3	52825.3	51176.7	49526.6	47878.0
0.0	60°	43143.9	46095.5	47674.0	49254.1	50832.7	51533.2	49956.2	48377.7	46800.7
0.0	62.5°	40358.9	42574.1	43670.1	44766.0	45862.0	46623.2	44977.7	43330.7	41685.2
0.0	65°	33686.6	35058.1	35931.4	36804.8	37678.1	38585.7	37078.8	35571.8	34064.9
0.0	67.5°	26692.1	27741.4	28891.8	30042.2	31192.7	32162.5	30956.1	29748.0	28541.5
	70°	21466.1	22881.2	24174.8	25468.5	26762.2	27556.1	26345.0	25132.2	23921.1
	72.5°	17054.2	18553.4	19633.8	20712.6	21793.0	21987.6	21097.1	20206.7	19317.8
	75°	10355.5	11249.1	11270.9	11291.1	11312.9	11498.2	10760.3	10022.4	9286.0
	77.5°	3054.4	3373.5	3636.6	3898.1	4161.2	4478.8	4207.9	3935.5	3664.6
	80°	884.2	965.2	1033.7	1100.6	1169.1	1128.6	1064.8	1001.0	937.2
	82.5°	158.8	149.4	147.9	146.3	146.3	138.6	126.1	113.6	101.2
	85°	28.0	26.5	24.9	23.4	21.8	20.2	17.1	15.6	12.5
	87.5°	9.3	7.8	6.2	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-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°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0.0	0.0	2.5°	88.7	87.2	87.2	87.2	87.2	85.6	85.6	85.6	85.6
0.0	0.0	5°	98.1	98.1	96.5	96.5	95.0	95.0	93.4	93.4	91.8
0.0	0.0	7.5°	115.2	113.6	112.1	110.5	109.0	105.9	104.3	102.7	102.7
0.0	0.0	10°	138.6	135.4	133.9	130.8	129.2	126.1	123.0	119.9	116.8
0.0	0.0	12.5°	182.1	175.9	171.2	165.0	158.8	154.1	147.9	143.2	137.0
0.0	0.0	15°	316.0	300.5	283.3	263.1	241.3	221.1	199.3	186.8	172.8
0.0	0.0	17.5°	808.0	727.0	644.5	577.6	510.6	445.2	378.3	330.0	281.8
0.0	0.0	20°	2056.5	1832.3	1608.1	1387.1	1164.5	943.4	720.8	608.7	496.6
0.0	0.0	22.5°	3870.1	3454.4	3037.2	2634.0	2229.3	1826.1	1422.9	1169.1	916.9
0.0	0.0	25°	5973.3	5450.2	4927.1	4264.0	3599.2	2936.0	2272.9	1860.3	1447.8
0.0	0.0	27.5°	7772.9	7170.4	6567.9	5761.5	4955.1	4148.8	3342.4	2727.4	2114.1
0.0	0.0	30°	9331.2	8683.6	8036.0	7097.2	6158.5	5219.8	4281.1	3512.0	2743.0
0.0	0.0	32.5°	10682.4	9907.2	9131.9	8163.6	7195.3	6227.0	5258.7	4315.3	3371.9
0.0	0.0	35°	12240.8	11336.3	10430.3	9356.1	8280.4	7206.2	6132.1	5067.2	4000.9
0.0	0.0	37.5°	14221.0	13111.0	11999.5	10802.3	9605.2	8409.6	7212.4	5995.1	4777.7
0.0	0.0	40°	18011.6	16579.4	15147.2	13626.3	12103.8	10582.8	9061.9	7567.4	6072.9
0.0	0.0	42.5°	24803.8	22868.7	20933.7	18909.9	16884.6	14860.8	12835.4	10727.6	8618.2
0.0	0.0	45°	32469.2	30068.7	27666.6	25395.3	23122.5	20851.2	18579.9	15687.4	12795.0
0.0	0.0	47.5°	36779.9	34187.9	31595.9	29446.0	27296.1	25146.3	22996.4	19878.2	16760.0
0.0	0.0	50°	38366.2	35727.5	33088.8	31110.2	29130.0	27151.4	25171.2	22048.3	18923.9
0.0	0.0	52.5°	38704.0	36012.4	33320.8	31329.7	29338.6	27349.1	25358.0	22255.4	19152.7
0.0	0.0	55°	39398.3	36510.6	33621.2	31351.5	29081.7	26812.0	24542.2	21389.8	18237.4
0.0	0.0	57.5°	40305.9	37345.0	34384.0	31798.3	29212.5	26628.3	24042.5	20595.9	17149.2
0.0	0.0	60°	40067.7	37491.3	34913.3	32143.9	29372.8	26603.4	23832.4	20041.7	16249.4
0.0	0.0	62.5°	35933.0	33881.2	31827.8	29550.3	27271.2	24993.7	22716.2	18813.4	14910.6
0.0	0.0	65°	29561.2	28063.6	26566.0	24733.7	22899.9	21067.6	19235.3	15735.7	12237.6
0.0	0.0	67.5°	23958.4	22270.9	20581.8	19121.6	17659.8	16199.6	14737.8	11983.9	9230.0
		70°	19034.4	17199.0	15362.1	13936.1	12508.5	11082.5	9656.5	7825.8	5996.6
		72.5°	15116.1	13461.3	11806.4	10285.5	8763.0	7242.0	5719.5	4637.6	3555.6
		75°	7224.9	6563.3	5901.7	5106.2	4310.7	3515.2	2719.6	2248.0	1777.8
		77.5°	2677.6	2321.1	1963.1	1639.3	1315.5	993.2	669.4	613.4	557.3
		80°	692.8	604.0	513.7	449.9	384.5	320.7	256.9	232.0	208.6
		82.5°	79.4	73.2	68.5	65.4	60.7	57.6	52.9	48.3	43.6
		85°	4.7	3.1	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: P1049043
CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049043

CATALOG NUMBER: GALN-SA4C-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	90.3	90.3
0.0	0.0	2.5°	84.1	82.5
0.0	0.0	5°	88.7	87.2
0.0	0.0	7.5°	98.1	95.0
0.0	0.0	10°	107.4	104.3
0.0	0.0	12.5°	121.4	116.8
0.0	0.0	15°	137.0	127.7
0.0	0.0	17.5°	163.5	143.2
0.0	0.0	20°	221.1	169.7
0.0	0.0	22.5°	311.4	211.7
0.0	0.0	25°	457.7	292.7
0.0	0.0	27.5°	636.7	389.2
0.0	0.0	30°	846.9	487.3
0.0	0.0	32.5°	1032.1	580.7
0.0	0.0	35°	1273.4	675.6
0.0	0.0	37.5°	1570.8	797.1
0.0	0.0	40°	2031.6	980.8
0.0	0.0	42.5°	2861.3	1320.1
0.0	0.0	45°	4646.9	2282.2
0.0	0.0	47.5°	7150.2	3775.1
0.0	0.0	50°	8747.4	4818.2
0.0	0.0	52.5°	8878.2	4810.4
0.0	0.0	55°	8104.5	4276.4
0.0	0.0	57.5°	6915.1	3574.3
0.0	0.0	60°	5747.5	2827.1
0.0	0.0	62.5°	4528.6	1952.2
0.0	0.0	65°	3309.7	1380.8
0.0	0.0	67.5°	2377.2	1032.1
		70°	1563.0	790.8
		72.5°	1018.1	644.5
		75°	685.0	534.0
		77.5°	400.1	354.9
		80°	141.7	124.5
		82.5°	26.5	18.7
		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: P1049043

CATALOG NUMBER: GALN-SA4C-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

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: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

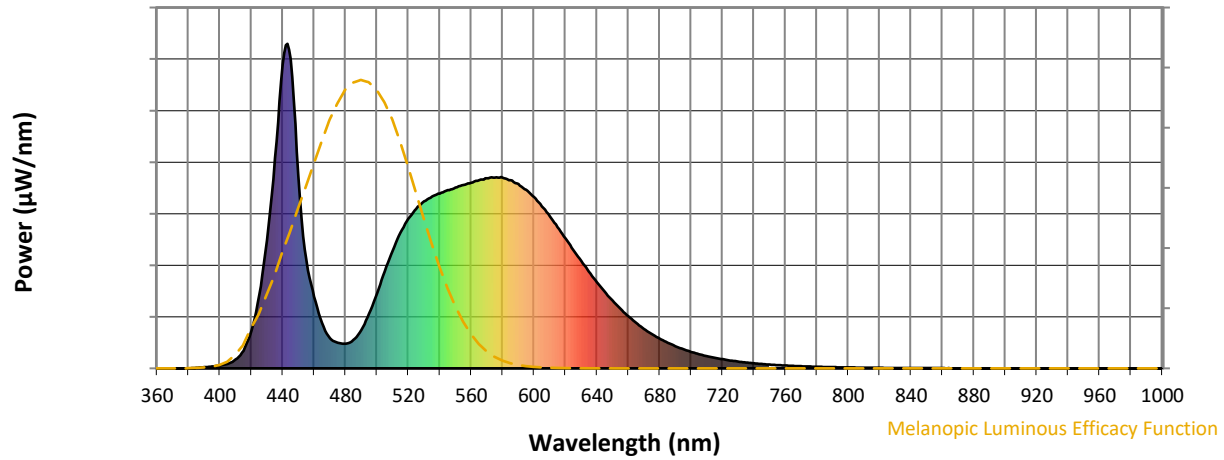


Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 3.37

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

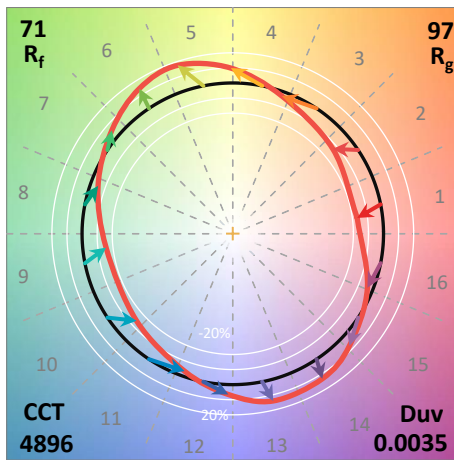
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics



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

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)