

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: P1049130

Luminaire Tested: **GALN-SA8B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049130
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28033.9 lumens
Efficiency: N/A
Efficacy: 99.1 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): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

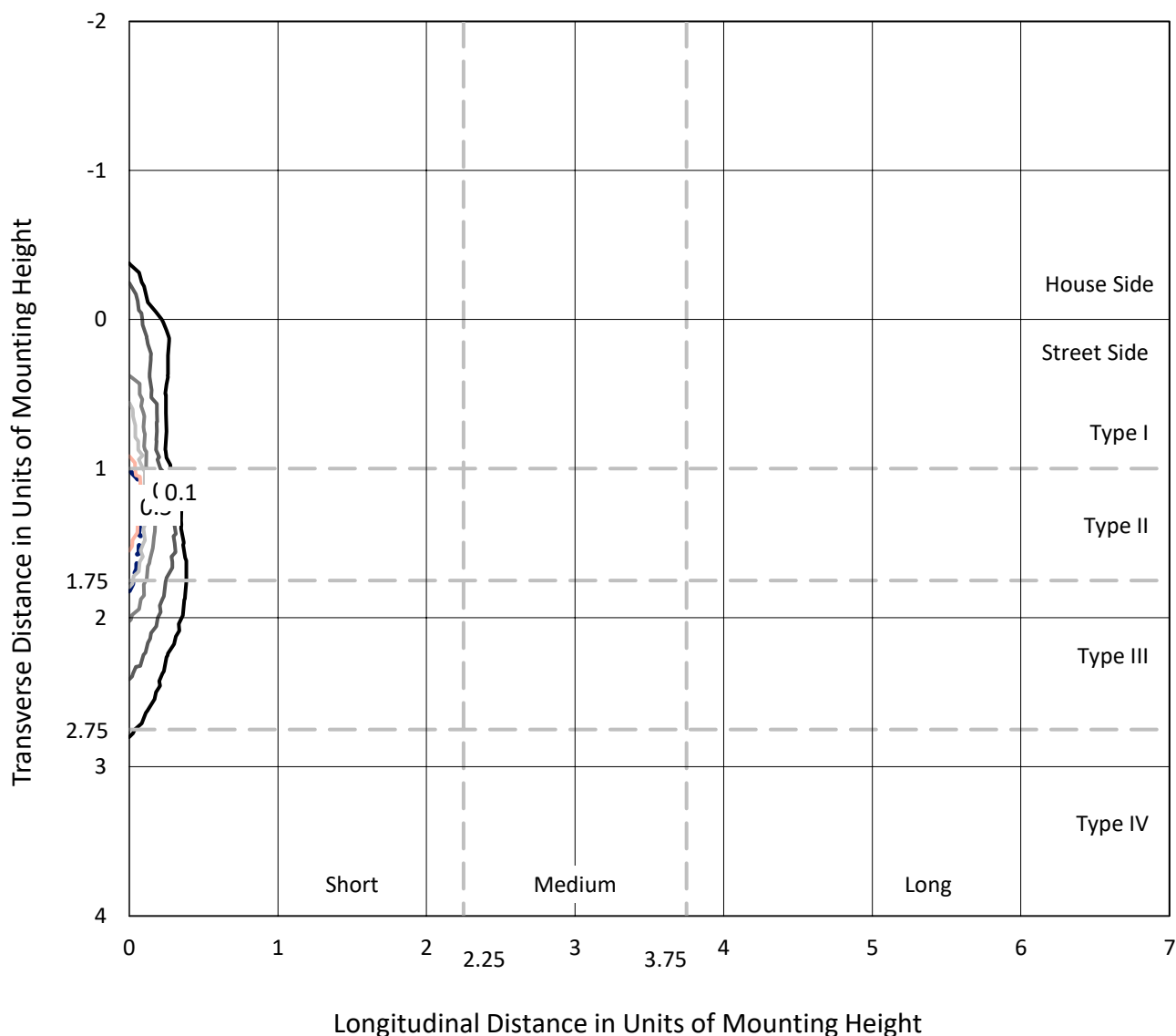
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

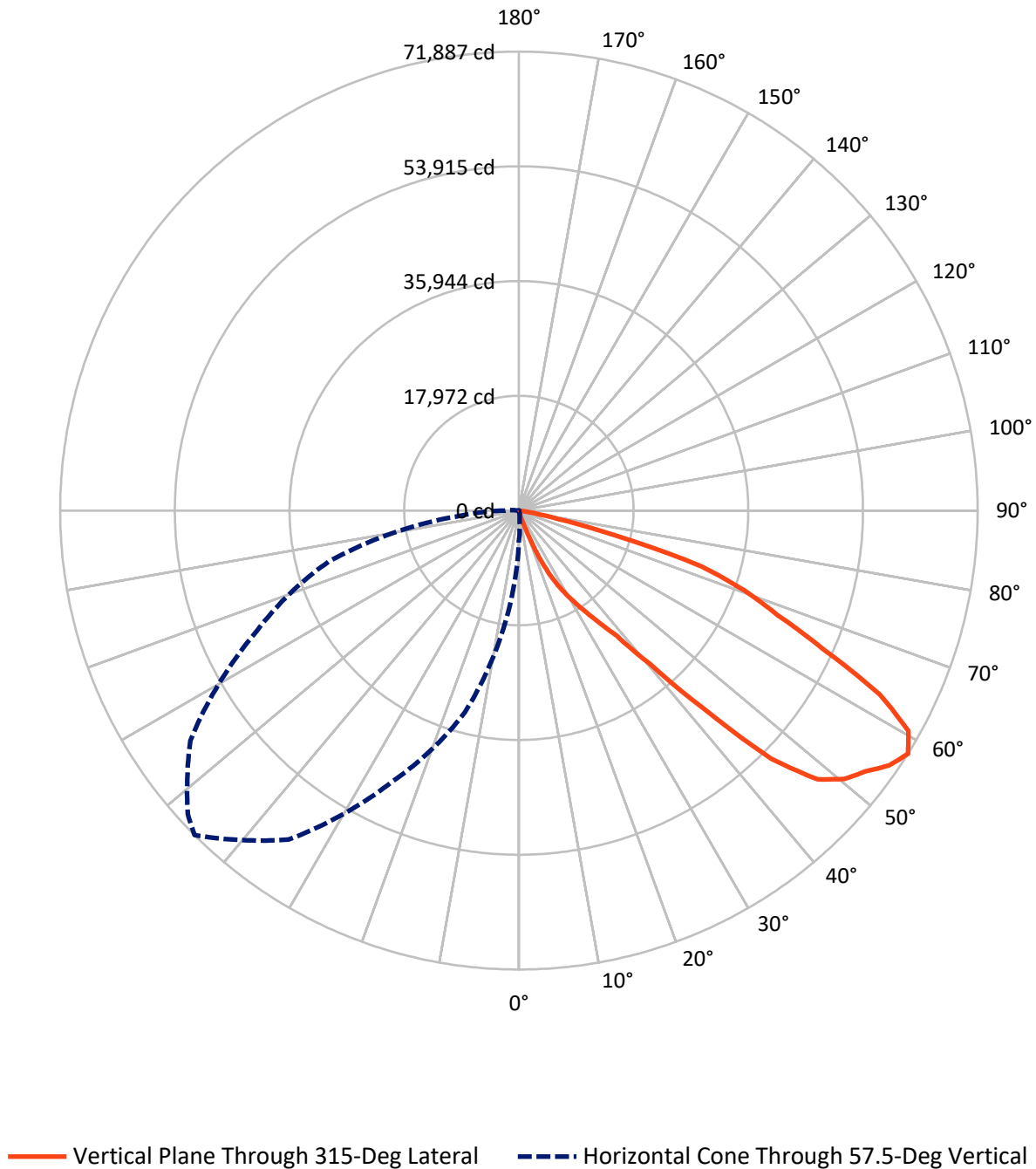


Based on 20 foot mounting height. Maximum calculated value = 4.1 fc

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	140.4	0.0	140.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	27893.5	0.0	27893.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	28033.9	0.0	28033.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.0
10°-20°	61.6	0.2
20°-30°	664.4	2.4
30°-40°	1964.6	7.0
40°-50°	5855.2	20.9
50°-60°	9284.2	33.1
60°-70°	7750.0	27.6
70°-80°	2389.8	8.5
80°-90°	53.1	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°	28033.9	100.0
0°-180°	28033.9	100.0



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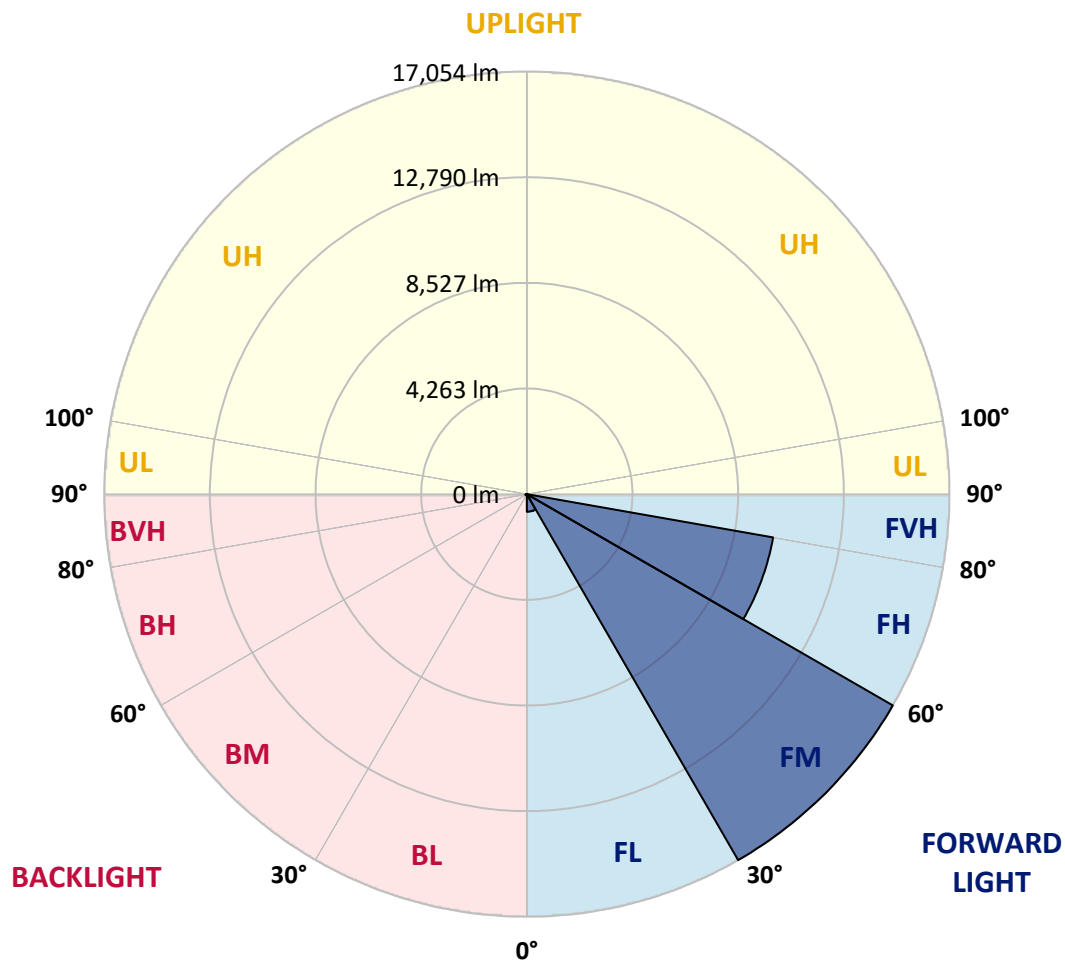
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	711.2	2.5			
FM	(30°-60°)	17053.8	60.8			
FH	(60°-80°)	10087.5	36.0			G4/12000
FVH	(80°-90°)	41.1	0.1			G1/100
BL	(0°-30°)	25.8	0.1	B0/110		
BM	(30°-60°)	50.2	0.2	B0/220		
BH	(60°-80°)	52.4	0.2	B0/110		G0/110
BVH	(80°-90°)	12.1	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°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
2.5°	112.3	112.3	112.3	112.3	110.2	110.2	108.0	108.0	105.9	105.9
5°	118.6	118.6	116.5	114.4	114.4	112.3	110.2	108.0	108.0	105.9
7.5°	129.2	127.1	125.0	122.9	118.6	116.5	112.3	110.2	108.0	103.8
10°	141.9	137.7	133.5	129.2	125.0	120.8	116.5	114.4	110.2	108.0
12.5°	158.9	152.5	144.1	137.7	133.5	127.1	122.9	118.6	112.3	108.0
15°	173.7	165.2	154.7	146.2	139.8	131.3	125.0	118.6	114.4	108.0
17.5°	194.9	180.1	163.1	152.5	144.1	133.5	122.9	116.5	110.2	101.7
20°	230.9	201.3	169.5	156.8	144.1	131.3	118.6	110.2	103.8	95.3
22.5°	288.1	237.3	186.4	167.4	150.4	131.3	114.4	105.9	97.5	89.0
25°	398.3	307.2	216.1	190.7	165.2	139.8	114.4	103.8	95.3	84.7
27.5°	529.6	394.0	256.3	220.3	186.4	150.4	114.4	101.7	91.1	78.4
30°	663.1	483.0	300.8	254.2	207.6	161.0	114.4	99.6	86.9	72.0
32.5°	790.2	565.6	339.0	283.9	228.8	171.6	116.5	99.6	82.6	65.7
35°	919.4	633.4	345.3	288.1	230.9	171.6	114.4	95.3	78.4	59.3
37.5°	1084.7	709.7	332.6	275.4	220.3	163.1	108.0	91.1	74.1	55.1
40°	1334.7	836.8	339.0	279.6	220.3	161.0	101.7	84.7	69.9	53.0
42.5°	1796.5	1082.6	366.5	298.7	230.9	161.0	93.2	78.4	65.7	50.8
45°	3105.7	1798.6	491.5	389.8	288.1	186.4	84.7	72.0	61.4	48.7
47.5°	5137.4	3010.4	883.4	682.2	483.0	281.8	82.6	72.0	61.4	48.7
50°	6556.8	3834.5	1112.2	855.9	599.5	343.2	86.9	74.1	63.6	50.8
52.5°	6546.2	3893.8	1239.3	951.2	665.2	377.1	91.1	78.4	67.8	55.1
55°	5819.5	3542.1	1262.6	970.3	680.0	387.7	97.5	84.7	72.0	59.3
57.5°	4864.1	3008.3	1152.5	891.9	633.4	372.9	112.3	97.5	84.7	69.9
60°	3847.2	2372.7	898.2	709.7	523.3	334.7	148.3	129.2	112.3	93.2
62.5°	2656.6	1720.2	783.8	629.2	476.7	322.0	169.5	150.4	133.5	114.4
65°	1879.1	1294.4	707.6	576.2	447.0	315.7	184.3	163.1	144.1	122.9
67.5°	1404.6	1029.6	652.5	540.2	427.9	315.7	203.4	178.0	154.7	129.2
70°	1076.2	845.3	612.2	521.2	432.2	341.1	250.0	214.0	180.1	144.1
72.5°	877.1	722.4	565.6	500.0	434.3	368.6	302.9	256.3	209.7	161.0
75°	726.6	618.6	510.6	455.5	402.5	347.4	292.4	250.0	209.7	167.4
77.5°	483.0	440.6	396.2	364.4	332.6	298.7	266.9	230.9	197.0	161.0
80°	169.5	163.1	156.8	169.5	182.2	194.9	207.6	182.2	158.9	133.5
82.5°	25.4	23.3	21.2	23.3	25.4	27.5	29.7	31.8	33.9	36.0
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):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	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
101.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.2											
114.4											
125.0											
125.0											
110.2											
38.1											
0.0											
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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°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	103.8	103.8	101.7	101.7	101.7	99.6	99.6	97.5	97.5	97.5
0.0	5°	101.7	101.7	99.6	97.5	95.3	95.3	93.2	91.1	91.1	89.0
0.0	7.5°	99.6	97.5	95.3	93.2	91.1	89.0	86.9	84.7	84.7	82.6
0.0	10°	101.7	97.5	95.3	91.1	89.0	86.9	82.6	80.5	78.4	78.4
0.0	12.5°	97.5	95.3	91.1	86.9	84.7	80.5	78.4	74.1	72.0	72.0
0.0	15°	97.5	93.2	86.9	82.6	78.4	76.3	72.0	67.8	65.7	63.6
0.0	17.5°	91.1	86.9	80.5	76.3	72.0	67.8	63.6	59.3	57.2	55.1
0.0	20°	82.6	78.4	72.0	65.7	61.4	57.2	53.0	48.7	46.6	44.5
0.0	22.5°	74.1	69.9	63.6	57.2	53.0	48.7	42.4	38.1	36.0	31.8
0.0	25°	69.9	63.6	57.2	50.8	44.5	40.3	33.9	27.5	23.3	19.1
0.0	27.5°	59.3	53.0	46.6	40.3	33.9	27.5	21.2	14.8	10.6	8.5
0.0	30°	50.8	44.5	38.1	31.8	23.3	16.9	10.6	2.1	2.1	2.1
0.0	32.5°	42.4	36.0	27.5	21.2	16.9	10.6	6.4	0.0	0.0	0.0
0.0	35°	33.9	27.5	19.1	12.7	10.6	6.4	4.2	0.0	0.0	0.0
0.0	37.5°	29.7	23.3	14.8	6.4	4.2	4.2	2.1	0.0	0.0	0.0
0.0	40°	27.5	19.1	10.6	2.1	2.1	2.1	0.0	0.0	0.0	0.0
0.0	42.5°	27.5	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	27.5	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	27.5	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	29.7	21.2	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	33.9	25.4	16.9	8.5	6.4	4.2	2.1	0.0	0.0	0.0
0.0	55°	42.4	38.1	31.8	27.5	21.2	14.8	6.4	0.0	0.0	0.0
0.0	57.5°	55.1	55.1	53.0	50.8	38.1	25.4	12.7	0.0	0.0	0.0
0.0	60°	74.1	74.1	74.1	74.1	55.1	38.1	19.1	0.0	0.0	0.0
0.0	62.5°	91.1	86.9	80.5	76.3	57.2	38.1	19.1	0.0	0.0	0.0
0.0	65°	91.1	82.6	72.0	61.4	46.6	31.8	14.8	0.0	0.0	0.0
0.0	67.5°	84.7	67.8	48.7	31.8	23.3	16.9	8.5	0.0	0.0	0.0
	70°	84.7	59.3	33.9	8.5	6.4	4.2	2.1	0.0	0.0	0.0
	72.5°	84.7	57.2	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	93.2	63.6	31.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	93.2	63.6	31.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	82.6	55.1	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	27.5	19.1	8.5	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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CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049130

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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°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	95.3	95.3	95.3	93.2	93.2	93.2	93.2	91.1	91.1	91.1
0.0	5°	86.9	86.9	84.7	84.7	82.6	82.6	80.5	80.5	78.4	78.4
0.0	7.5°	80.5	78.4	78.4	76.3	74.1	74.1	72.0	72.0	69.9	67.8
0.0	10°	74.1	72.0	72.0	69.9	67.8	65.7	65.7	63.6	61.4	59.3
0.0	12.5°	67.8	65.7	63.6	61.4	59.3	57.2	57.2	55.1	53.0	50.8
0.0	15°	59.3	57.2	55.1	53.0	50.8	48.7	48.7	46.6	44.5	42.4
0.0	17.5°	50.8	48.7	48.7	46.6	44.5	42.4	40.3	36.0	33.9	31.8
0.0	20°	38.1	36.0	33.9	31.8	29.7	25.4	23.3	19.1	14.8	12.7
0.0	22.5°	25.4	21.2	19.1	14.8	10.6	8.5	6.4	2.1	0.0	0.0
0.0	25°	8.5	6.4	4.2	2.1	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-SA8B-827-U-RBC

[illegible]

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	89.0	89.0	89.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9
0.0	5°	76.3	76.3	76.3	74.1	74.1	72.0	72.0	72.0	69.9	69.9
0.0	7.5°	65.7	63.6	63.6	61.4	61.4	59.3	59.3	59.3	57.2	57.2
0.0	10°	55.1	53.0	53.0	50.8	50.8	48.7	48.7	46.6	46.6	44.5
0.0	12.5°	48.7	46.6	44.5	42.4	42.4	40.3	38.1	38.1	36.0	33.9
0.0	15°	38.1	36.0	33.9	31.8	29.7	27.5	25.4	25.4	23.3	21.2
0.0	17.5°	25.4	21.2	19.1	16.9	16.9	14.8	12.7	10.6	8.5	6.4
0.0	20°	6.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	86.9	84.7	84.7	84.7	86.9	86.9	86.9	86.9	86.9	86.9
0.0	5°	69.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	7.5°	57.2	55.1	55.1	55.1	55.1	53.0	53.0	53.0	53.0	53.0
0.0	10°	44.5	42.4	42.4	42.4	42.4	40.3	40.3	40.3	40.3	40.3
0.0	12.5°	31.8	31.8	29.7	29.7	29.7	27.5	27.5	27.5	27.5	25.4
0.0	15°	19.1	16.9	14.8	14.8	14.8	12.7	12.7	12.7	12.7	10.6
0.0	17.5°	4.2	4.2	2.1	2.1	2.1	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

CATALOG NUMBER: GALN-SA8B-827-U-RBC

[illegible]

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	89.0	89.0	91.1	91.1	93.2	97.5	99.6	101.7	105.9	110.2
0.0	5°	69.9	72.0	72.0	74.1	76.3	78.4	80.5	82.6	86.9	91.1
0.0	7.5°	55.1	55.1	57.2	57.2	59.3	63.6	65.7	67.8	72.0	78.4
0.0	10°	42.4	42.4	44.5	44.5	46.6	50.8	53.0	55.1	59.3	65.7
0.0	12.5°	27.5	29.7	29.7	31.8	33.9	38.1	40.3	42.4	46.6	50.8
0.0	15°	12.7	14.8	14.8	16.9	19.1	23.3	25.4	27.5	31.8	38.1
0.0	17.5°	2.1	2.1	4.2	4.2	6.4	8.5	10.6	12.7	19.1	23.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	116.5	120.8	125.0	129.2	133.5	137.7	139.8	144.1	146.2	148.3
0.0	5°	99.6	103.8	110.2	114.4	118.6	122.9	127.1	129.2	131.3	133.5
0.0	7.5°	86.9	91.1	97.5	101.7	105.9	110.2	114.4	118.6	120.8	122.9
0.0	10°	74.1	80.5	84.7	91.1	95.3	99.6	103.8	108.0	112.3	114.4
0.0	12.5°	59.3	65.7	72.0	76.3	82.6	89.0	93.2	97.5	101.7	105.9
0.0	15°	46.6	53.0	59.3	63.6	69.9	76.3	82.6	86.9	91.1	95.3
0.0	17.5°	33.9	40.3	46.6	50.8	57.2	63.6	67.8	74.1	78.4	82.6
0.0	20°	16.9	23.3	29.7	36.0	42.4	48.7	53.0	59.3	63.6	67.8
0.0	22.5°	2.1	8.5	14.8	19.1	25.4	31.8	36.0	42.4	46.6	50.8
0.0	25°	0.0	2.1	6.4	8.5	10.6	14.8	19.1	23.3	27.5	31.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.2	8.5	12.7	16.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.2
	85°	0.0	0.0	0.0	0.0	0.0	4.2	6.4	10.6	12.7	14.8
	87.5°	0.0	2.1	4.2	6.4	8.5	12.7	16.9	21.2	23.3	25.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.3	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
125.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.1											
8.5											
19.1											
27.5											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	150.4	150.4	150.4	150.4	148.3	148.3	148.3	146.2	146.2	144.1
0.0	5°	137.7	139.8	139.8	139.8	139.8	139.8	139.8	139.8	137.7	137.7
0.0	7.5°	127.1	129.2	131.3	131.3	133.5	133.5	133.5	131.3	131.3	129.2
0.0	10°	120.8	122.9	122.9	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	12.5°	112.3	114.4	116.5	116.5	118.6	118.6	118.6	118.6	116.5	116.5
0.0	15°	101.7	105.9	108.0	110.2	110.2	112.3	112.3	112.3	112.3	112.3
0.0	17.5°	93.2	97.5	99.6	101.7	101.7	103.8	103.8	105.9	105.9	105.9
0.0	20°	76.3	80.5	82.6	86.9	89.0	91.1	93.2	95.3	95.3	97.5
0.0	22.5°	59.3	63.6	65.7	69.9	72.0	74.1	76.3	78.4	80.5	82.6
0.0	25°	42.4	46.6	48.7	53.0	55.1	57.2	59.3	61.4	61.4	63.6
0.0	27.5°	23.3	27.5	31.8	33.9	38.1	40.3	42.4	44.5	46.6	48.7
0.0	30°	10.6	12.7	14.8	19.1	21.2	23.3	25.4	29.7	31.8	33.9
0.0	32.5°	0.0	0.0	2.1	6.4	8.5	10.6	12.7	14.8	14.8	16.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2	6.4	8.5
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°	4.2	4.2	4.2	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	82.5°	10.6	12.7	14.8	14.8	16.9	16.9	16.9	16.9	14.8	14.8
	85°	21.2	23.3	25.4	25.4	27.5	27.5	27.5	27.5	27.5	27.5
	87.5°	29.7	31.8	33.9	33.9	36.0	36.0	36.0	36.0	36.0	36.0
	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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
6.4											
14.8											
27.5											
36.0											
0.0											
0.0											
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REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	141.9	141.9	139.8	139.8	139.8	139.8	139.8	141.9	144.1	144.1
0.0	5°	135.6	135.6	133.5	133.5	133.5	135.6	135.6	137.7	139.8	141.9
0.0	7.5°	129.2	127.1	127.1	129.2	129.2	131.3	131.3	133.5	135.6	137.7
0.0	10°	125.0	122.9	122.9	122.9	125.0	125.0	127.1	129.2	131.3	133.5
0.0	12.5°	116.5	116.5	116.5	116.5	118.6	118.6	120.8	122.9	127.1	129.2
0.0	15°	112.3	110.2	110.2	110.2	110.2	112.3	112.3	116.5	120.8	122.9
0.0	17.5°	103.8	103.8	101.7	101.7	103.8	103.8	105.9	110.2	114.4	116.5
0.0	20°	95.3	93.2	91.1	91.1	93.2	93.2	95.3	99.6	103.8	105.9
0.0	22.5°	82.6	80.5	80.5	80.5	80.5	82.6	82.6	86.9	93.2	97.5
0.0	25°	65.7	67.8	67.8	69.9	69.9	72.0	74.1	78.4	84.7	89.0
0.0	27.5°	50.8	53.0	53.0	57.2	59.3	61.4	63.6	69.9	76.3	80.5
0.0	30°	38.1	40.3	42.4	44.5	48.7	53.0	57.2	63.6	69.9	74.1
0.0	32.5°	23.3	27.5	29.7	33.9	38.1	42.4	46.6	53.0	61.4	67.8
0.0	35°	16.9	19.1	23.3	25.4	29.7	33.9	38.1	46.6	53.0	61.4
0.0	37.5°	8.5	12.7	16.9	21.2	25.4	29.7	33.9	42.4	50.8	57.2
0.0	40°	6.4	10.6	12.7	16.9	23.3	27.5	31.8	40.3	48.7	57.2
0.0	42.5°	4.2	6.4	8.5	14.8	19.1	25.4	31.8	40.3	48.7	57.2
0.0	45°	4.2	4.2	6.4	12.7	19.1	27.5	33.9	42.4	48.7	57.2
0.0	47.5°	4.2	6.4	8.5	16.9	21.2	27.5	33.9	40.3	48.7	55.1
0.0	50°	6.4	8.5	10.6	19.1	23.3	29.7	33.9	42.4	48.7	57.2
0.0	52.5°	4.2	6.4	8.5	16.9	23.3	31.8	38.1	46.6	55.1	61.4
0.0	55°	2.1	2.1	2.1	12.7	25.4	36.0	48.7	55.1	63.6	69.9
0.0	57.5°	0.0	0.0	0.0	8.5	25.4	40.3	55.1	63.6	72.0	78.4
0.0	60°	0.0	0.0	0.0	8.5	25.4	40.3	55.1	65.7	76.3	86.9
0.0	62.5°	0.0	0.0	0.0	8.5	21.2	33.9	46.6	63.6	82.6	99.6
0.0	65°	0.0	0.0	0.0	6.4	16.9	27.5	38.1	63.6	89.0	112.3
0.0	67.5°	0.0	0.0	0.0	6.4	16.9	25.4	36.0	63.6	89.0	116.5
	70°	0.0	0.0	0.0	6.4	16.9	27.5	38.1	63.6	89.0	114.4
	72.5°	0.0	0.0	0.0	6.4	19.1	29.7	42.4	63.6	84.7	105.9
	75°	0.0	0.0	0.0	8.5	19.1	31.8	44.5	63.6	82.6	99.6
	77.5°	0.0	0.0	0.0	6.4	19.1	29.7	42.4	61.4	80.5	97.5
	80°	6.4	4.2	4.2	10.6	19.1	27.5	36.0	55.1	76.3	95.3
	82.5°	12.7	12.7	10.6	14.8	19.1	25.4	31.8	48.7	67.8	84.7
	85°	25.4	25.4	23.3	25.4	25.4	27.5	29.7	38.1	46.6	55.1
	87.5°	33.9	33.9	31.8	31.8	31.8	29.7	29.7	29.7	29.7	27.5
	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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8										
127.1										
118.6										
116.5										
114.4										
101.7										
63.6										
27.5										
0.0										
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REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	148.3	150.4	150.4	152.5	154.7	156.8	156.8	158.9	158.9	158.9
0.0	5°	146.2	150.4	152.5	154.7	156.8	158.9	161.0	163.1	165.2	165.2
0.0	7.5°	144.1	146.2	150.4	152.5	156.8	158.9	163.1	165.2	167.4	169.5
0.0	10°	139.8	144.1	148.3	152.5	156.8	161.0	165.2	169.5	173.7	175.8
0.0	12.5°	135.6	141.9	146.2	150.4	156.8	163.1	167.4	173.7	178.0	182.2
0.0	15°	133.5	137.7	144.1	148.3	156.8	165.2	171.6	180.1	188.5	194.9
0.0	17.5°	127.1	135.6	141.9	148.3	156.8	167.4	175.8	184.3	197.0	209.7
0.0	20°	118.6	125.0	133.5	139.8	152.5	163.1	175.8	186.4	205.5	224.6
0.0	22.5°	110.2	118.6	125.0	133.5	148.3	161.0	175.8	188.5	220.3	250.0
0.0	25°	101.7	112.3	120.8	129.2	146.2	163.1	180.1	197.0	250.0	302.9
0.0	27.5°	97.5	105.9	116.5	125.0	146.2	169.5	190.7	211.8	296.6	379.2
0.0	30°	91.1	101.7	110.2	120.8	148.3	175.8	203.4	230.9	360.1	489.4
0.0	32.5°	84.7	95.3	105.9	116.5	152.5	188.5	222.4	258.5	427.9	595.3
0.0	35°	78.4	91.1	101.7	112.3	158.9	207.6	254.2	300.8	489.4	675.8
0.0	37.5°	76.3	89.0	99.6	110.2	161.0	209.7	260.6	309.3	495.7	682.2
0.0	40°	78.4	89.0	101.7	112.3	154.7	197.0	237.3	279.6	474.5	667.3
0.0	42.5°	78.4	91.1	103.8	116.5	150.4	184.3	218.2	252.1	468.2	684.3
0.0	45°	76.3	89.0	101.7	114.4	146.2	175.8	207.6	237.3	506.3	773.3
0.0	47.5°	74.1	86.9	99.6	112.3	144.1	175.8	207.6	239.4	654.6	1067.7
0.0	50°	74.1	86.9	97.5	108.0	146.2	186.4	224.6	262.7	953.3	1641.8
0.0	52.5°	78.4	89.0	97.5	105.9	150.4	197.0	241.5	286.0	1211.8	2135.4
0.0	55°	84.7	91.1	99.6	105.9	161.0	214.0	269.0	322.0	1290.2	2258.3
0.0	57.5°	93.2	99.6	105.9	112.3	180.1	247.9	313.5	381.3	1296.5	2209.6
0.0	60°	103.8	112.3	118.6	125.0	197.0	271.2	343.2	415.2	1173.6	1930.0
0.0	62.5°	127.1	137.7	146.2	156.8	226.7	294.5	364.4	432.2	974.5	1516.8
0.0	65°	146.2	154.7	163.1	171.6	239.4	309.3	377.1	444.9	826.2	1207.5
0.0	67.5°	150.4	158.9	165.2	173.7	243.6	313.5	381.3	451.2	707.6	961.8
	70°	152.5	163.1	175.8	186.4	258.5	330.5	400.4	472.4	627.1	781.7
	72.5°	146.2	167.4	186.4	205.5	273.3	339.0	406.8	472.4	582.6	692.7
	75°	146.2	175.8	203.4	230.9	281.8	330.5	381.3	430.1	514.8	599.5
	77.5°	154.7	192.8	230.9	269.0	298.7	326.2	355.9	383.4	438.5	493.6
	80°	154.7	194.9	233.0	273.3	286.0	300.8	313.5	326.2	332.6	339.0
	82.5°	133.5	165.2	197.0	228.8	214.0	199.1	184.3	169.5	158.9	146.2
	85°	67.8	74.1	78.4	82.6	76.3	69.9	63.6	57.2	53.0	46.6
	87.5°	27.5	27.5	25.4	25.4	25.4	25.4	23.3	23.3	23.3	23.3
	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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
451.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
627.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
849.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1061.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1205.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1313.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1633.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2057.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3135.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4802.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6046.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6183.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5580.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4770.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3728.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2817.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2080.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1472.4											
1095.3											
796.6											
599.5											
336.8											
152.5											
44.5											
21.2											
0.0											
0.0											
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REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	158.9	156.8	156.8	154.7	152.5	150.4	148.3	146.2	144.1	141.9
0.0	5°	165.2	165.2	165.2	163.1	163.1	161.0	161.0	158.9	156.8	154.7
0.0	7.5°	171.6	173.7	173.7	175.8	175.8	175.8	175.8	173.7	173.7	173.7
0.0	10°	182.2	184.3	186.4	188.5	190.7	192.8	192.8	194.9	194.9	194.9
0.0	12.5°	194.9	201.3	205.5	211.8	216.1	222.4	226.7	233.0	237.3	241.5
0.0	15°	214.0	224.6	237.3	247.9	258.5	273.3	290.2	305.1	319.9	343.2
0.0	17.5°	241.5	275.4	309.3	341.1	375.0	449.1	523.3	595.3	669.4	777.5
0.0	20°	294.5	396.2	495.7	597.4	697.0	957.6	1216.0	1476.6	1735.1	2012.6
0.0	22.5°	413.1	663.1	913.1	1163.1	1413.0	1957.5	2499.8	3044.3	3586.6	4224.3
0.0	25°	599.5	1059.2	1519.0	1976.6	2436.3	3287.9	4141.7	4993.3	5844.9	6673.3
0.0	27.5°	872.8	1576.2	2279.5	2980.7	3684.1	4838.7	5995.4	7149.9	8304.5	9240.9
0.0	30°	1209.7	2163.0	3116.3	4069.6	5023.0	6336.4	7649.9	8961.2	10274.7	11298.0
0.0	32.5°	1527.4	2694.7	3862.0	5027.2	6194.5	7690.1	9187.9	10683.6	12179.2	13297.8
0.0	35°	1735.1	3146.0	4559.0	5969.9	7380.8	8999.4	10617.9	12234.3	13852.9	15130.3
0.0	37.5°	1942.7	3571.8	5198.8	6827.9	8454.9	10232.3	12009.8	13787.2	15564.6	17142.9
0.0	40°	2175.7	4086.6	5995.4	7906.2	9815.0	11920.8	14024.5	16130.2	18233.9	20460.5
0.0	42.5°	2580.3	4940.3	7302.5	9662.5	12022.5	14808.3	17594.1	20377.8	23163.7	26341.4
0.0	45°	3340.9	6666.9	9995.1	13321.1	16647.2	20337.6	24030.1	27720.6	31411.0	35639.5
0.0	47.5°	5203.0	9779.0	14352.8	18928.8	23502.6	27487.5	31470.3	35455.2	39438.0	43649.5
0.0	50°	7961.3	13287.2	18613.1	23936.9	29262.8	32868.5	36472.1	40077.8	43681.3	47687.4
0.0	52.5°	9956.9	15505.3	21055.8	26604.1	32152.5	35406.5	38662.6	41916.6	45170.6	48914.0
0.0	55°	10107.4	15623.9	21142.6	26659.2	32175.8	35444.6	38713.4	41982.3	45251.1	49219.1
0.0	57.5°	8948.5	14420.6	19890.6	25362.7	30832.6	34554.8	38274.9	41997.1	45717.2	50007.2
0.0	60°	7611.8	13086.0	18558.0	24032.2	29504.3	33792.2	38082.1	42370.0	46657.8	50676.6
0.0	62.5°	5938.2	11569.1	17202.2	22833.2	28464.1	32817.7	37171.2	41522.6	45876.1	48890.7
0.0	65°	4425.5	9893.4	15361.2	20827.0	26294.8	29781.9	33268.9	36753.8	40240.9	42107.3
0.0	67.5°	3198.9	7914.7	12628.4	17344.1	22057.8	24553.4	27049.0	29542.5	32038.1	33465.9
	70°	2163.0	5429.7	8694.3	11961.0	15225.6	17276.4	19329.2	21379.9	23430.6	25358.4
	72.5°	1497.8	3332.4	5169.1	7003.8	8838.4	10901.8	12963.1	15026.5	17087.8	19127.9
	75°	993.6	1828.3	2665.1	3499.8	4334.4	5861.9	7391.4	8918.9	10446.3	11662.3
	77.5°	705.5	955.4	1207.5	1457.5	1707.5	1993.5	2281.6	2567.6	2853.6	3287.9
	80°	334.7	366.5	398.3	427.9	459.7	563.5	667.3	771.1	874.9	985.1
	82.5°	158.9	171.6	184.3	194.9	207.6	218.2	228.8	239.4	250.0	239.4
	85°	42.4	42.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	42.4
	87.5°	19.1	19.1	19.1	19.1	19.1	19.1	19.1	16.9	16.9	14.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2292.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4862.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7501.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10177.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12323.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14418.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16407.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18723.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22687.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29519.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39868.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47861.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51693.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52657.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53189.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54297.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54693.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51907.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43975.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34895.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27284.1											
21168.0											
12878.4											
3722.2											
1095.3											
226.7											
40.3											
14.8											
0.0											
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REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	2.5°	137.7	135.6	133.5	131.3	129.2	125.0	125.0	122.9	122.9
0.0	5°	150.4	148.3	146.2	144.1	144.1	141.9	139.8	139.8	137.7
0.0	7.5°	171.6	169.5	167.4	165.2	165.2	163.1	163.1	161.0	161.0
0.0	10°	197.0	197.0	197.0	197.0	197.0	194.9	194.9	194.9	192.8
0.0	12.5°	247.9	250.0	254.2	258.5	264.8	264.8	264.8	262.7	262.7
0.0	15°	391.9	415.2	432.2	449.1	464.0	497.8	493.6	487.3	483.0
0.0	17.5°	991.5	1097.4	1154.6	1209.7	1266.9	1423.6	1398.2	1372.8	1349.5
0.0	20°	2569.7	2847.3	3031.6	3215.9	3402.3	3696.8	3624.8	3552.7	3480.7
0.0	22.5°	5497.5	6135.2	6412.7	6690.2	6965.6	7321.5	7090.6	6859.7	6630.9
0.0	25°	8327.8	9156.2	9624.3	10092.5	10558.6	10762.0	10461.1	10158.2	9857.4
0.0	27.5°	11113.6	12050.0	12463.1	12874.1	13287.2	13713.0	13340.2	12965.2	12592.4
0.0	30°	13346.5	14369.8	14816.8	15261.7	15708.7	16005.3	15619.7	15232.0	14846.4
0.0	32.5°	15537.1	16655.6	17145.0	17634.4	18121.6	18547.5	18072.9	17596.2	17121.7
0.0	35°	17683.1	18960.6	19634.2	20307.9	20981.6	21377.8	20814.2	20248.6	19685.1
0.0	37.5°	20301.6	21879.9	22634.0	23388.2	24142.4	24864.8	24244.1	23621.3	23000.5
0.0	40°	24913.5	27140.1	28296.8	29455.6	30612.3	31544.4	30760.6	29976.8	29192.9
0.0	42.5°	32696.9	35874.7	37537.7	39198.6	40861.6	42317.0	41492.9	40668.8	39844.7
0.0	45°	44096.5	48325.1	50352.5	52377.8	54405.2	55468.6	54282.3	53093.8	51907.4
0.0	47.5°	52070.6	56282.1	58087.1	59892.1	61697.0	62910.9	61459.8	60008.6	58559.5
0.0	50°	55697.4	59703.5	61514.8	63324.0	65135.4	66099.3	64423.5	62745.7	61070.0
0.0	52.5°	56398.7	60142.1	62302.9	64465.9	66626.8	67914.8	65936.1	63955.3	61976.7
0.0	55°	57157.1	61125.0	63631.2	66139.5	68645.7	70429.5	68192.3	65953.1	63716.0
0.0	57.5°	58585.0	62874.9	65374.7	67872.5	70372.3	71887.0	69643.5	67397.9	65154.4
0.0	60°	58712.1	62728.7	64876.9	67027.2	69175.3	70128.7	67982.6	65834.5	63688.4
0.0	62.5°	54922.1	57936.7	59428.1	60919.5	62411.0	63446.9	61207.7	58966.3	56727.0
0.0	65°	45842.2	47708.6	48897.1	50085.5	51274.0	52509.1	50458.4	48407.7	46357.0
0.0	67.5°	36323.8	37751.6	39317.2	40882.8	42448.4	43768.2	42126.3	40482.4	38840.6
	70°	29212.0	31137.7	32898.2	34658.6	36419.1	37499.5	35851.3	34201.0	32552.8
	72.5°	23208.2	25248.3	26718.5	28186.6	29656.9	29921.7	28709.9	27498.1	26288.4
	75°	14092.3	15308.3	15337.9	15365.5	15395.1	15647.2	14643.1	13638.9	12636.8
	77.5°	4156.5	4590.8	4948.8	5304.7	5662.7	6094.9	5726.3	5355.6	4986.9
	80°	1203.3	1313.5	1406.7	1497.8	1591.0	1535.9	1449.1	1362.2	1275.3
	82.5°	216.1	203.4	201.3	199.1	199.1	188.5	171.6	154.7	137.7
	85°	38.1	36.0	33.9	31.8	29.7	27.5	23.3	21.2	16.9
	87.5°	12.7	10.6	8.5	6.4	6.4	2.1	2.1	2.1	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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
122.9	122.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	120.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	135.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.9	156.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.8	190.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.6	254.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
476.7	453.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1324.1	1211.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3408.7	3103.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6400.0	5834.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9554.4	8842.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12219.5	11399.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14460.9	13579.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16647.2	15592.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19121.6	17890.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22377.7	20865.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28409.1	26460.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39020.6	36387.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50721.1	47454.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57108.4	53581.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59394.2	55803.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59995.9	56333.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61476.7	57546.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62910.9	58881.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61542.4	58034.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54485.7	51693.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44306.3	42268.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37198.7	34902.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30902.5	28402.7										
25076.7	22824.7										
11632.7	10732.3										
4618.3	4131.1										
1188.5	1065.6										
120.8	114.4										
12.7	10.6										
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										

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	0.0	2.5°	120.8	118.6	118.6	118.6	118.6	116.5	116.5	116.5	116.5
0.0	0.0	5°	133.5	133.5	131.3	131.3	129.2	129.2	127.1	127.1	125.0
0.0	0.0	7.5°	156.8	154.7	152.5	150.4	148.3	144.1	141.9	139.8	139.8
0.0	0.0	10°	188.5	184.3	182.2	178.0	175.8	171.6	167.4	163.1	158.9
0.0	0.0	12.5°	247.9	239.4	233.0	224.6	216.1	209.7	201.3	194.9	186.4
0.0	0.0	15°	430.1	408.9	385.6	358.0	328.4	300.8	271.2	254.2	235.2
0.0	0.0	17.5°	1099.5	989.3	877.1	786.0	694.9	605.9	514.8	449.1	383.4
0.0	0.0	20°	2798.5	2493.5	2188.4	1887.6	1584.6	1283.8	980.9	828.3	675.8
0.0	0.0	22.5°	5266.6	4700.9	4133.2	3584.5	3033.7	2485.0	1936.3	1591.0	1247.8
0.0	0.0	25°	8128.7	7416.9	6705.0	5802.6	4898.0	3995.5	3093.0	2531.6	1970.2
0.0	0.0	27.5°	10577.7	9757.8	8937.9	7840.6	6743.2	5645.8	4548.4	3711.6	2876.9
0.0	0.0	30°	12698.3	11817.0	10935.7	9658.2	8380.8	7103.3	5825.9	4779.3	3732.8
0.0	0.0	32.5°	14537.1	13482.1	12427.1	11109.4	9791.7	8474.0	7156.3	5872.5	4588.7
0.0	0.0	35°	16657.8	15426.9	14193.9	12732.2	11268.3	9806.5	8344.8	6895.7	5444.5
0.0	0.0	37.5°	19352.5	17842.0	16329.4	14700.3	13071.1	11444.1	9815.0	8158.3	6501.7
0.0	0.0	40°	24511.0	22562.0	20613.0	18543.2	16471.3	14401.6	12331.8	10298.0	8264.3
0.0	0.0	42.5°	33754.0	31120.7	28487.4	25733.4	22977.2	20223.2	17467.0	14598.6	11728.0
0.0	0.0	45°	44185.5	40918.8	37650.0	34559.1	31466.1	28375.2	25284.3	21348.1	17411.9
0.0	0.0	47.5°	50051.6	46524.3	42997.0	40071.4	37145.8	34220.1	31294.5	27051.1	22807.8
0.0	0.0	50°	52210.4	48619.5	45028.7	42336.1	39641.3	36948.7	34254.0	30004.3	25752.5
0.0	0.0	52.5°	52670.1	49007.2	45344.3	42634.8	39925.2	37217.8	34508.2	30286.1	26063.9
0.0	0.0	55°	53615.0	49685.1	45753.2	42664.4	39575.7	36486.9	33398.1	29108.2	24818.2
0.0	0.0	57.5°	54850.0	50820.7	46791.3	43272.4	39753.6	36236.9	32718.1	28027.7	23337.4
0.0	0.0	60°	54525.9	51019.8	47511.6	43742.8	39971.8	36203.0	32432.1	27273.5	22112.9
0.0	0.0	62.5°	48899.2	46107.0	43312.7	40213.3	37111.9	34012.5	30913.1	25602.1	20291.0
0.0	0.0	65°	40228.2	38190.2	36152.2	33658.7	31163.1	28669.6	26176.2	21413.8	16653.5
0.0	0.0	67.5°	32603.7	30307.2	28008.7	26021.5	24032.2	22045.1	20055.8	16308.2	12560.6
		70°	25902.9	23405.2	20905.3	18964.8	17022.1	15081.6	13141.0	10649.7	8160.5
		72.5°	20570.6	18318.7	16066.7	13996.9	11925.0	9855.3	7783.4	6311.0	4838.7
		75°	9832.0	8931.6	8031.2	6948.7	5866.1	4783.6	3701.0	3059.1	2419.3
		77.5°	3643.8	3158.7	2671.4	2230.8	1790.1	1351.6	911.0	834.7	758.4
		80°	942.7	822.0	699.1	612.2	523.3	436.4	349.6	315.7	283.9
		82.5°	108.0	99.6	93.2	89.0	82.6	78.4	72.0	65.7	59.3
		85°	6.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049130
CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	122.9	122.9
0.0	0.0	2.5°	114.4	112.3
0.0	0.0	5°	120.8	118.6
0.0	0.0	7.5°	133.5	129.2
0.0	0.0	10°	146.2	141.9
0.0	0.0	12.5°	165.2	158.9
0.0	0.0	15°	186.4	173.7
0.0	0.0	17.5°	222.4	194.9
0.0	0.0	20°	300.8	230.9
0.0	0.0	22.5°	423.7	288.1
0.0	0.0	25°	622.8	398.3
0.0	0.0	27.5°	866.5	529.6
0.0	0.0	30°	1152.5	663.1
0.0	0.0	32.5°	1404.6	790.2
0.0	0.0	35°	1732.9	919.4
0.0	0.0	37.5°	2137.6	1084.7
0.0	0.0	40°	2764.6	1334.7
0.0	0.0	42.5°	3893.8	1796.5
0.0	0.0	45°	6323.7	3105.7
0.0	0.0	47.5°	9730.3	5137.4
0.0	0.0	50°	11903.8	6556.8
0.0	0.0	52.5°	12081.8	6546.2
0.0	0.0	55°	11028.9	5819.5
0.0	0.0	57.5°	9410.4	4864.1
0.0	0.0	60°	7821.5	3847.2
0.0	0.0	62.5°	6162.7	2656.6
0.0	0.0	65°	4503.9	1879.1
0.0	0.0	67.5°	3234.9	1404.6
		70°	2127.0	1076.2
		72.5°	1385.5	877.1
		75°	932.1	726.6
		77.5°	544.5	483.0
		80°	192.8	169.5
		82.5°	36.0	25.4
		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: P1049130

CATALOG NUMBER: GALN-SA8B-827-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

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

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

Test Information

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

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



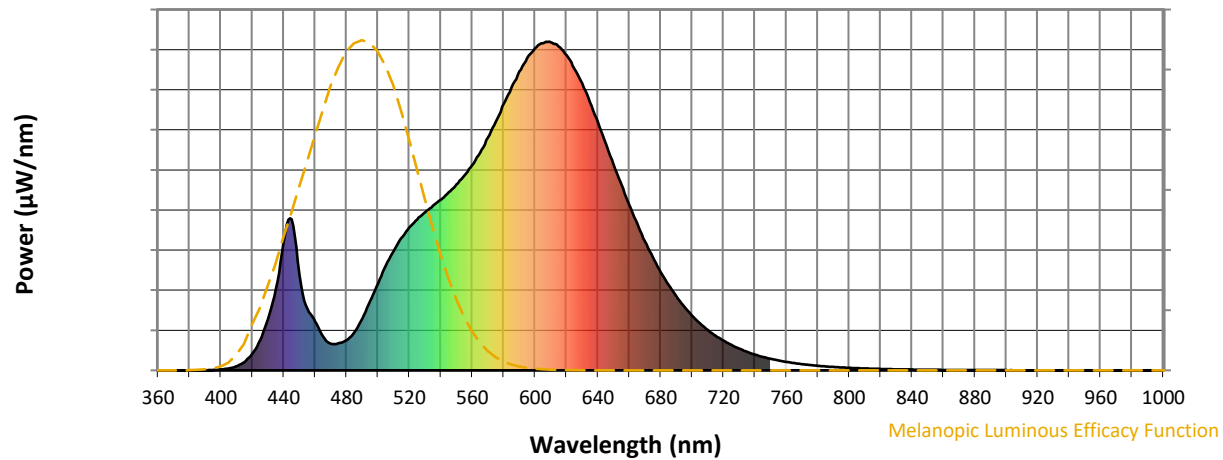
Scotopic Lumens: NR

S/P: 1.2

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

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

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

REPORT NUMBER: SP1-2407-184-8

TM-30-18

Summary

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



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)