

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: P324590

Luminaire Tested: **GLEON-SA6A-827-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324590
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-28)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6A-827-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15188 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 193
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

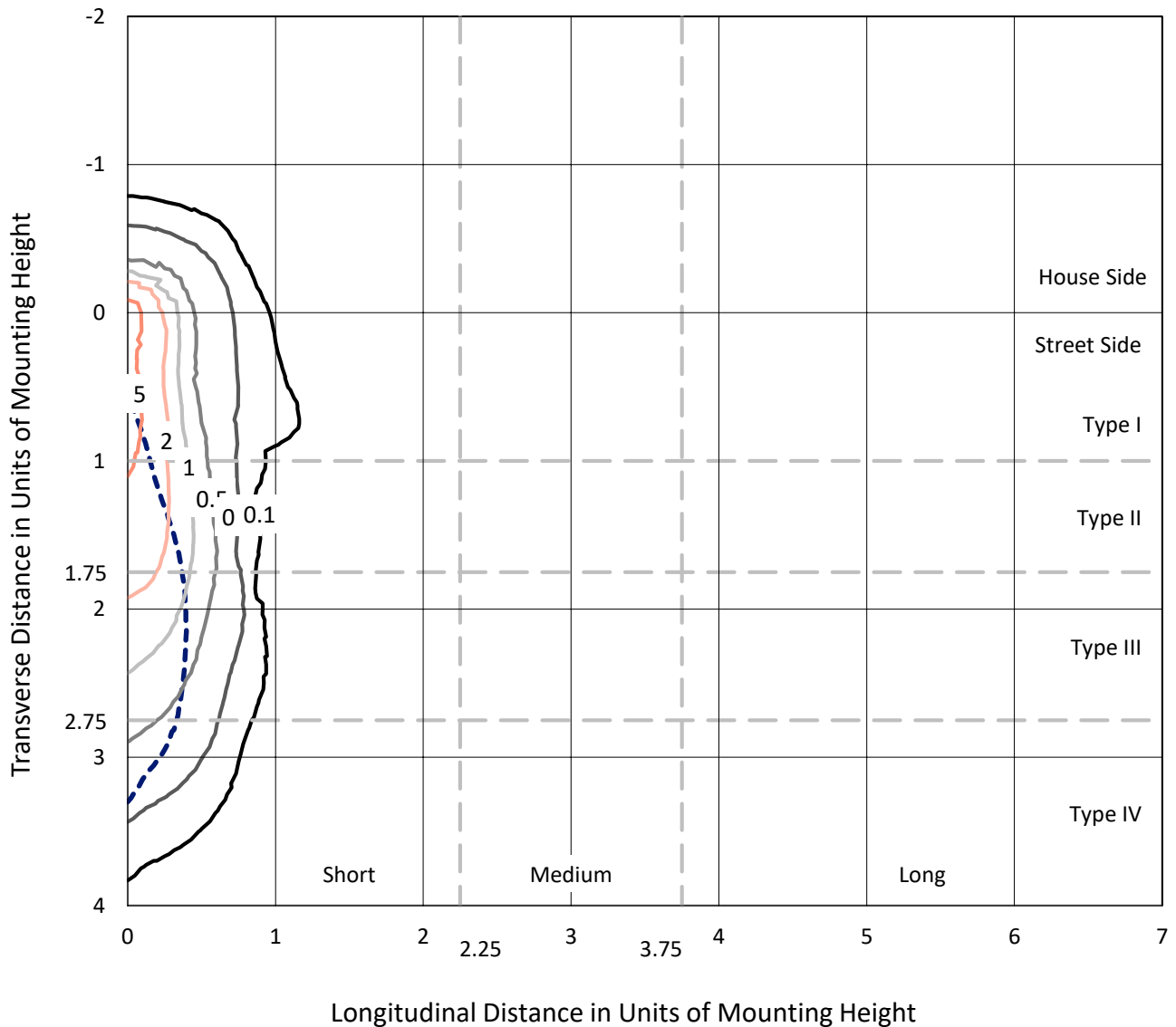




REPORT NUMBER: P324590
 CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

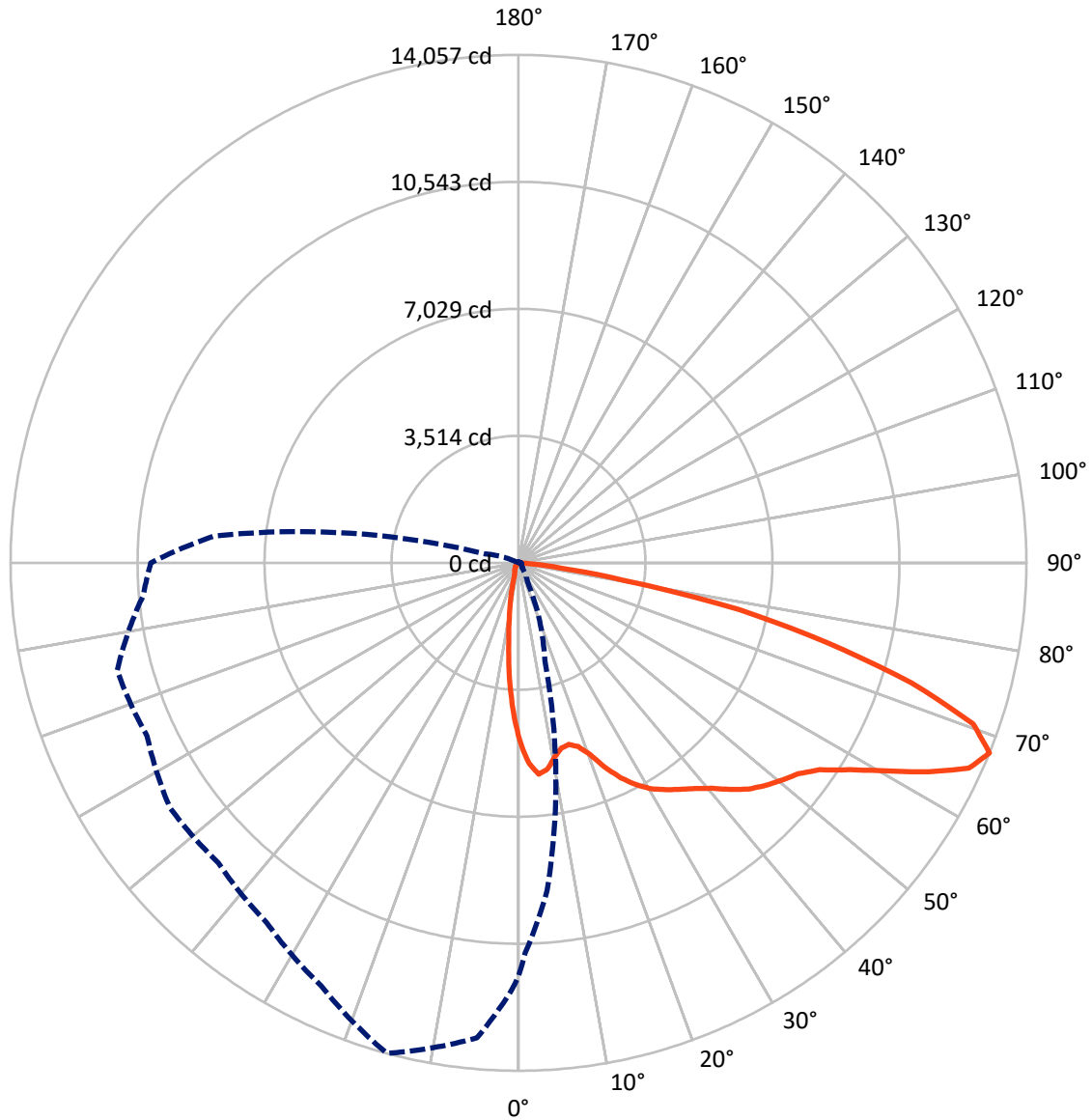
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324590
CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P324590
 CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

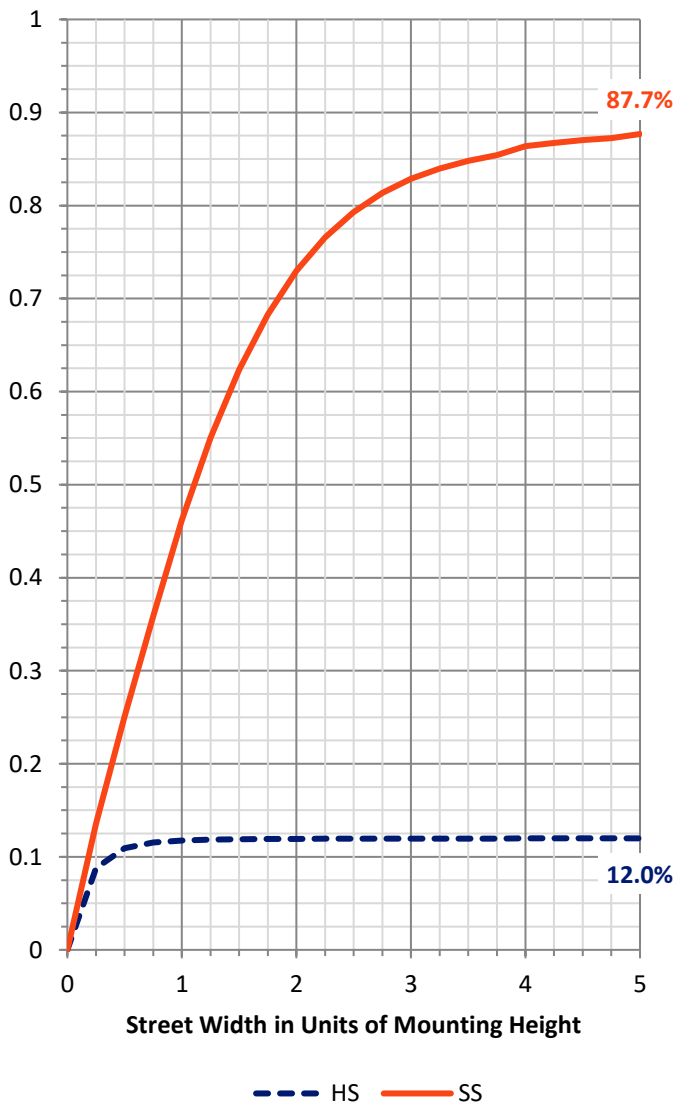
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1838.2	0.0	1838.2
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	13349.8	0.0	13349.8
	% Fixture	87.9	0.0	87.9
Total	Lumens	15188.0	0.0	15188.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	379.7	2.5
10°-20°	755.8	5.0
20°-30°	1073.3	7.1
30°-40°	1585.3	10.4
40°-50°	2286.3	15.1
50°-60°	3209.5	21.1
60°-70°	3741.3	24.6
70°-80°	1912.6	12.6
80°-90°	244.3	1.6
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°	15188.0	100.0
0°-180°	15188.0	100.0

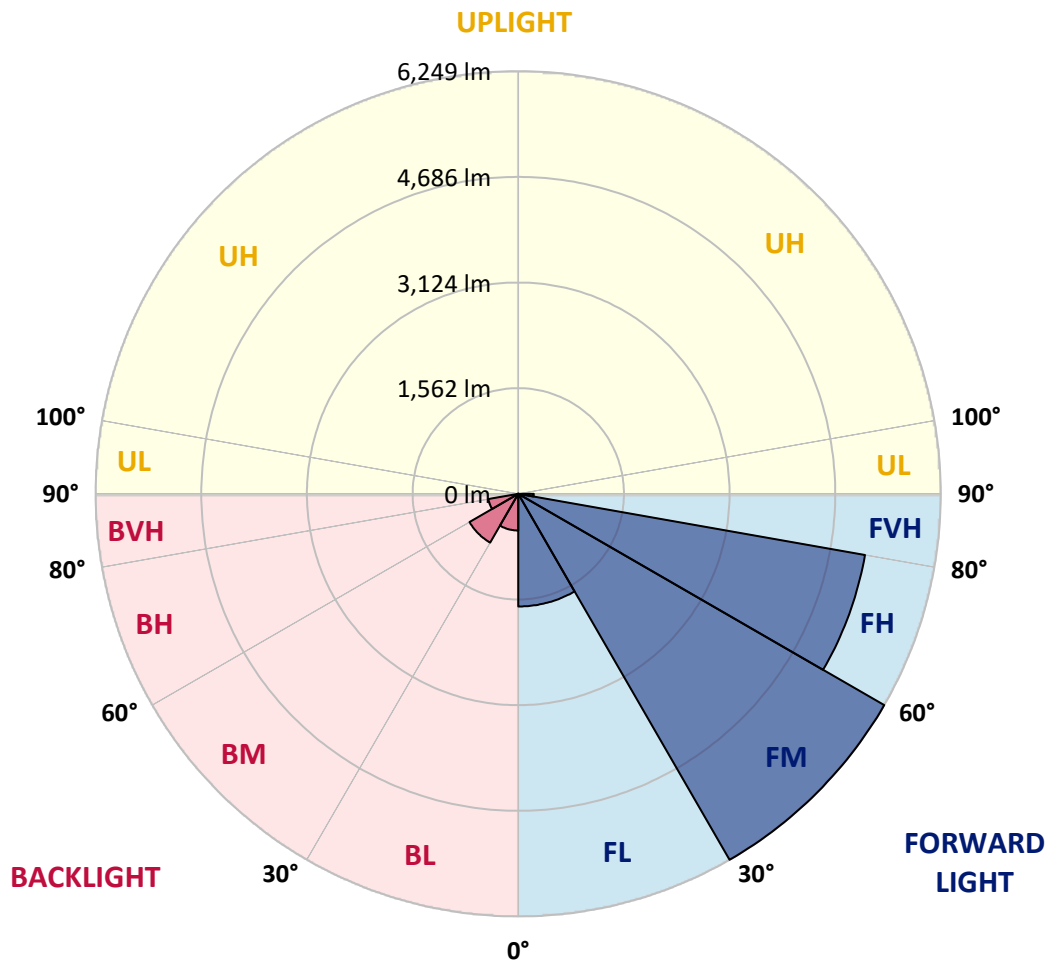


REPORT NUMBER: P324590
 CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1665.8	11.0			
FM (30°-60°)	6248.6	41.1			
FH (60°-80°)	5205.9	34.3			G3/7500
FVH (80°-90°)	229.4	1.5			G3/500
BL (0°-30°)	542.9	3.6	B2/1000		
BM (30°-60°)	832.4	5.5	B1/1000		
BH (60°-80°)	448.0	2.9	B1/500		G1/500
BVH (80°-90°)	14.8	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
 Type IV Medium





REPORT NUMBER: P324590

CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5
2.5°	5417.3	5375.6	5329.5	5179.2	5039.6	4879.8	4749.6	4658.9	4545.2	4397.7	4360.3
5°	5378.5	5333.8	5189.2	4854.6	4561.8	4276.9	4002.0	3840.8	3640.8	3437.9	3387.5
7.5°	4987.8	4941.0	4732.3	4274.0	3879.7	3468.1	3111.2	2890.3	2664.4	2478.8	2380.2
10°	4581.2	4530.1	4295.6	3739.4	3253.7	2881.7	2619.8	2409.0	2195.3	1996.7	1838.4
12.5°	4301.3	4234.4	3979.7	3349.4	2926.3	2673.8	2429.1	2176.6	1887.3	1674.3	1500.2
15°	4184.0	4107.8	3838.7	3199.0	2810.5	2514.0	2195.3	1885.2	1546.3	1302.3	1142.6
17.5°	4274.7	4175.4	3886.9	3188.9	2665.1	2261.5	1858.5	1494.5	1126.8	880.0	766.3
20°	4582.7	4452.4	4086.2	3186.1	2488.8	1961.4	1450.6	1039.0	742.6	597.2	537.5
22.5°	5067.6	4895.7	4372.6	3209.1	2306.8	1646.3	1047.6	705.9	557.6	482.1	446.8
25°	5653.3	5454.0	4784.8	3290.4	2147.1	1339.8	761.3	557.6	470.6	415.2	385.7
27.5°	6210.2	6048.3	5305.8	3407.7	2023.3	1092.2	618.1	472.7	402.2	365.5	341.8
30°	6766.4	6562.8	5840.4	3547.3	1874.4	924.6	543.2	431.0	360.5	321.6	306.5
32.5°	7170.8	7001.7	6259.2	3648.0	1715.4	815.2	485.7	394.3	336.7	297.2	274.9
35°	7646.4	7455.0	6618.2	3670.3	1613.2	746.1	436.8	354.7	292.1	256.9	233.1
37.5°	8160.1	7922.0	7032.7	3621.4	1533.3	712.3	400.1	336.7	272.7	236.7	211.5
40°	8728.6	8459.5	7430.5	3550.9	1454.9	700.8	372.0	323.1	257.6	220.9	195.0
42.5°	9327.2	9009.9	7775.2	3476.8	1405.2	661.2	369.1	309.4	246.1	206.5	180.6
45°	9830.2	9508.5	8129.2	3452.3	1370.0	618.1	381.3	300.0	238.2	195.0	169.8
47.5°	10230.9	9926.6	8491.8	3507.0	1349.8	578.5	347.5	312.3	233.8	184.9	160.5
50°	10709.4	10364.8	9002.7	3670.3	1320.3	538.9	314.4	357.6	233.8	178.4	152.5
52.5°	11309.5	10968.5	9572.6	3923.6	1261.3	484.2	282.8	358.3	236.0	169.8	142.5
55°	12064.3	11816.8	10386.4	4201.3	1167.1	403.7	244.6	308.0	227.4	154.0	133.1
57.5°	12788.1	12586.0	11128.2	4391.3	1041.2	315.2	213.0	248.2	207.9	135.3	118.7
59°	12986.0	12765.1	11400.2	4399.9	946.9	274.9	197.2	205.1	203.6	126.6	110.1
60°	12986.0	12751.4	11478.6	4353.9	878.5	252.6	187.1	182.8	212.3	120.9	105.1
62.5°	12750.7	12421.2	11223.9	4042.3	716.6	215.1	163.3	151.1	190.7	108.6	92.8
65°	12261.4	11781.5	10356.1	3478.9	638.9	197.2	141.0	123.8	132.4	95.7	81.3
67.5°	11445.5	10795.1	9104.9	2810.5	608.0	192.1	121.6	105.1	100.0	82.0	71.2
70°	10008.6	9286.9	7586.0	2209.7	581.4	190.0	102.2	88.5	80.6	69.1	60.4
72.5°	7284.5	6531.9	5385.7	1727.6	565.5	194.3	82.0	74.1	66.2	54.0	46.8
75°	4166.8	3673.9	3027.0	1141.2	482.1	185.6	63.3	61.9	47.5	38.9	32.4
77.5°	2152.8	2087.3	1813.9	438.2	231.0	81.3	41.7	36.0	28.1	23.7	19.4
80°	928.9	918.8	795.1	126.6	61.2	45.3	23.7	15.1	13.0	10.1	7.9
82.5°	320.9	320.9	282.8	42.5	27.3	22.3	2.9	0.0	0.0	0.0	0.0
85°	64.8	72.7	51.1	0.0	9.4	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



REPORT NUMBER: P324590

CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5
2.5°	4315.0	4227.9	4222.2	4167.5	4099.1	4068.2	4050.2	4081.9	4120.7	4125.0	4183.3
5°	3349.4	3258.0	3296.1	3199.0	3218.4	3199.0	3167.4	3173.1	3190.4	3136.4	3203.3
7.5°	2352.1	2283.1	2326.9	2301.0	2335.6	2349.3	2329.8	2301.0	2216.1	2206.1	2264.3
10°	1772.9	1694.5	1647.7	1598.8	1609.6	1631.9	1624.7	1603.8	1549.9	1552.7	1608.9
12.5°	1424.7	1336.9	1244.1	1123.9	1094.4	1110.9	1094.4	1082.2	1030.4	1034.7	1084.3
15°	1080.7	1008.8	911.6	815.2	762.7	767.7	721.7	689.3	656.9	618.1	648.3
17.5°	729.6	685.7	656.9	628.1	565.5	551.2	492.9	430.3	405.8	387.8	400.8
20°	516.6	492.9	481.4	479.9	443.9	426.0	369.1	330.3	318.0	314.4	322.3
22.5°	431.7	414.4	397.9	388.5	370.6	349.7	306.5	287.1	278.5	274.1	279.9
25°	375.6	362.6	345.4	329.5	322.3	300.0	269.1	254.7	249.0	244.6	247.5
27.5°	333.9	322.3	302.2	292.1	286.4	266.9	240.3	228.8	223.8	222.3	221.6
30°	300.8	290.0	271.3	259.7	249.7	232.4	216.6	205.1	200.0	198.6	197.2
32.5°	267.7	259.0	246.8	235.3	224.5	208.7	195.0	185.6	177.7	176.3	175.6
35°	225.9	217.3	210.8	210.1	200.0	184.9	174.8	162.6	156.1	154.0	154.7
37.5°	200.7	189.2	174.8	179.9	177.0	166.2	152.5	140.3	133.8	132.4	132.4
40°	184.9	172.7	156.1	147.5	156.1	154.0	132.4	120.2	113.7	113.0	111.5
42.5°	169.8	157.6	138.9	124.5	128.8	135.3	114.4	102.9	96.4	95.0	92.8
45°	159.0	146.1	125.2	108.6	100.0	113.7	97.9	83.5	79.9	77.0	75.6
47.5°	148.9	136.7	113.0	94.3	79.9	82.0	78.4	68.4	64.0	61.2	60.4
50°	140.3	127.4	102.2	80.6	66.2	60.4	63.3	54.0	50.4	47.5	46.0
52.5°	130.2	118.0	90.7	69.8	55.4	47.5	48.2	42.5	38.9	36.7	36.0
55°	122.3	110.1	81.3	61.2	48.9	38.9	34.5	33.1	30.9	29.5	28.8
57.5°	111.5	100.0	72.0	51.8	41.7	31.7	26.6	26.6	25.9	24.5	23.7
59°	105.1	95.0	66.2	46.8	38.1	27.3	23.7	24.5	23.7	22.3	21.6
60°	100.0	90.7	61.9	43.2	36.0	25.2	21.6	23.0	22.3	20.9	20.1
62.5°	88.5	82.0	53.2	36.0	31.7	20.1	18.0	19.4	19.4	18.7	18.0
65°	77.7	70.5	45.3	30.2	29.5	17.3	14.4	17.3	18.0	16.5	15.1
67.5°	67.6	60.4	39.6	24.5	27.3	13.7	10.8	14.4	19.4	15.1	13.7
70°	57.6	50.4	30.9	19.4	28.8	9.4	8.6	13.0	23.0	16.5	13.0
72.5°	44.6	38.9	21.6	14.4	30.9	6.5	6.5	10.8	25.9	18.0	12.2
75°	30.9	25.2	13.0	8.6	25.2	4.3	4.3	10.1	24.5	16.5	11.5
77.5°	18.0	13.7	4.3	0.7	13.0	0.0	0.7	7.2	17.3	10.1	5.0
80°	6.5	2.9	0.0	0.0	7.9	0.0	0.0	0.0	1.4	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



REPORT NUMBER: P324590

CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5
2.5°	4198.4	4295.6	4382.6	4514.3	4670.4	4850.3	5005.0	5171.2	5327.4	5392.1	5436.7
5°	3217.0	3337.2	3477.5	3671.0	3928.6	4245.9	4543.1	4879.1	5240.3	5420.9	5590.7
7.5°	2274.4	2396.7	2570.9	2776.7	3088.2	3466.0	3854.5	4318.6	4807.9	5093.5	5374.9
10°	1635.5	1785.9	1948.5	2229.8	2546.4	2904.7	3304.8	3822.8	4368.2	4684.8	5023.7
12.5°	1113.1	1284.4	1530.4	1845.6	2217.6	2568.7	2916.2	3410.6	4043.7	4357.5	4720.8
15°	667.7	762.7	1023.2	1388.0	1844.1	2281.6	2662.2	3158.0	3832.9	4217.1	4594.9
17.5°	411.6	455.5	597.2	896.5	1375.7	1929.1	2450.7	3072.4	3863.1	4330.8	4735.2
20°	328.1	345.4	390.7	529.6	911.6	1540.5	2212.5	3055.1	4109.9	4685.6	5119.4
22.5°	284.9	301.5	331.7	384.9	573.5	1153.4	1986.6	3070.9	4463.9	5217.3	5723.8
25°	251.1	265.5	294.3	338.2	420.2	812.3	1744.9	3141.5	4925.2	5877.1	6415.3
27.5°	224.5	236.7	263.3	303.6	360.5	567.0	1470.7	3227.1	5472.0	6552.0	7083.0
30°	200.0	210.8	234.6	272.0	313.0	436.0	1169.9	3285.4	6019.6	7083.0	7560.1
32.5°	179.2	187.1	208.7	240.3	272.0	347.5	889.3	3276.0	6426.1	7524.8	7903.3
35°	157.6	165.5	184.2	211.5	236.7	287.1	699.4	3101.2	6780.1	7983.1	8296.1
37.5°	133.8	143.9	161.9	186.4	203.6	252.6	565.5	2890.3	7139.1	8507.0	8734.3
40°	113.7	123.8	139.6	166.2	177.0	239.6	434.6	2633.5	7542.8	9092.7	9215.0
42.5°	94.3	103.6	120.2	143.2	166.9	206.5	321.6	2339.9	7930.6	9593.4	9653.2
45°	76.3	85.6	102.9	125.9	178.4	171.2	249.0	2025.5	8243.6	10010.0	10029.5
47.5°	60.4	69.1	87.1	118.7	166.2	136.7	177.7	1778.7	8506.2	10335.3	10284.2
50°	46.8	54.0	72.7	136.0	145.3	113.0	134.6	1696.6	8741.5	10536.7	10404.4
52.5°	36.7	43.2	59.7	127.4	113.0	93.5	113.0	1773.6	9063.9	10703.7	10472.0
55°	29.5	36.0	46.8	72.7	77.0	79.1	96.4	1845.6	9620.1	11095.1	10871.3
57.5°	24.5	30.9	38.1	51.1	58.3	66.9	85.6	1853.5	10275.6	11745.5	11534.0
59°	22.3	28.1	34.5	45.3	51.1	61.2	80.6	1810.3	10506.5	11982.3	11876.5
60°	20.9	26.6	32.4	41.7	47.5	57.6	77.7	1769.3	10516.6	11973.6	12022.6
62.5°	18.0	23.7	28.8	35.3	40.3	48.9	69.8	1617.5	10090.6	11581.5	11934.8
65°	15.8	20.9	25.9	30.2	34.5	43.9	63.3	1340.5	9363.2	10949.0	11334.0
67.5°	14.4	18.0	23.7	26.6	30.9	38.9	56.1	955.5	8454.4	10175.5	10425.2
70°	13.0	17.3	21.6	24.5	28.1	33.8	48.2	549.0	7139.1	9043.0	9220.7
72.5°	12.2	16.5	19.4	23.0	25.2	30.2	43.9	258.3	5227.4	7244.2	7708.3
75°	10.8	15.1	18.0	21.6	23.7	27.3	37.4	123.8	3476.8	5242.5	5769.9
77.5°	6.5	12.2	16.5	19.4	20.9	23.7	30.9	71.2	2219.0	3628.6	4274.0
80°	0.0	4.3	12.2	16.5	18.0	20.1	23.7	56.1	1187.2	2073.0	2488.1
82.5°	0.0	0.0	8.6	13.0	12.2	13.7	18.0	35.3	535.3	1354.9	1526.8
85°	0.0	0.0	2.9	10.1	8.6	6.5	12.2	12.2	117.3	685.7	855.5
87.5°	0.0	0.0	0.0	0.7	4.3	2.9	5.0	1.4	0.7	51.1	207.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P324590

CATALOG NUMBER: GLEON-SA6A-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5	4947.5
2.5°	5592.9	5646.1	5736.1	5778.5	5757.6	5669.1	5563.4	5455.4	5392.1	5417.3
5°	5936.8	6211.0	6369.2	6421.8	6334.0	6135.4	5875.7	5533.2	5411.6	5378.5
7.5°	5936.8	6452.7	6779.4	6836.9	6641.2	6252.0	5764.8	5230.2	5052.5	4987.8
10°	5728.1	6430.4	6885.9	6977.2	6703.8	6121.7	5469.1	4859.0	4648.1	4581.2
12.5°	5492.9	6249.1	6729.0	6854.9	6630.4	5992.2	5264.1	4607.8	4359.6	4301.3
15°	5348.2	6026.0	6423.2	6514.6	6419.6	5916.7	5215.1	4532.3	4240.2	4184.0
17.5°	5400.0	5853.3	5996.5	6049.8	6113.8	5890.0	5348.2	4697.8	4328.0	4274.7
20°	5595.0	5671.3	5597.2	5664.1	5836.8	5915.9	5665.6	5097.8	4653.9	4582.7
22.5°	5926.0	5577.0	5369.1	5395.7	5605.8	6001.6	6150.5	5669.1	5156.8	5067.6
25°	6311.7	5653.3	5242.5	5218.7	5434.6	6114.5	6593.7	6290.8	5751.9	5653.3
27.5°	6796.6	5824.6	5216.6	5192.8	5374.9	6220.3	6962.1	6905.3	6378.6	6210.2
30°	7170.8	5992.9	5293.6	5238.9	5434.6	6293.7	7257.9	7427.0	6878.0	6766.4
32.5°	7439.2	6191.5	5418.8	5339.6	5603.0	6420.3	7486.0	7904.7	7339.9	7170.8
35°	7643.5	6407.4	5620.9	5490.7	5834.6	6612.4	7699.7	8413.4	7831.3	7646.4
37.5°	7834.9	6710.3	5936.8	5781.4	6198.0	6921.8	7925.6	8990.5	8381.0	8160.1
40°	8101.9	7053.5	6423.9	6285.8	6808.9	7343.5	8207.6	9592.0	9006.3	8728.6
42.5°	8368.8	7421.9	6922.6	6960.0	7570.9	7855.8	8571.7	10228.1	9623.7	9327.2
45°	8612.7	7801.8	7632.7	7805.4	8278.2	8417.7	8933.6	10595.7	10116.5	9830.2
47.5°	8830.0	8276.7	8338.6	8798.4	9082.6	8926.4	9204.2	10913.1	10483.5	10230.9
50°	9082.6	8891.2	9268.9	9919.4	10008.6	9386.9	9450.3	11288.6	10912.3	10709.4
52.5°	9358.9	9538.8	10299.3	10872.8	10844.0	9887.0	9697.8	11709.6	11500.2	11309.5
55°	9672.6	10061.9	11206.6	11765.0	11740.5	10445.4	10107.9	12229.8	12237.0	12064.3
57.5°	10138.1	10512.3	11822.5	12486.7	12527.7	11090.1	10803.0	12812.6	12903.3	12788.1
59°	10472.0	10804.4	12066.5	12788.1	12955.1	11588.7	11311.0	13150.8	13091.1	12986.0
60°	10719.5	10990.0	12187.3	12945.7	13203.3	11926.9	11685.8	13349.4	13113.4	12986.0
62.5°	11331.8	11394.4	12405.4	13124.2	13489.0	12678.1	12740.7	13687.5	12958.7	12750.7
65°	11617.5	11649.9	12402.5	12804.7	13212.7	13263.0	13697.6	13697.6	12580.9	12261.4
67.5°	11498.0	11341.9	11787.3	11745.5	12152.8	12915.5	14057.4	13195.4	11858.5	11445.5
70°	10526.7	9925.9	9728.0	9746.0	10057.5	11234.0	13345.1	11717.5	10491.4	10008.6
72.5°	8758.8	7317.6	6829.0	7386.7	7468.0	8633.6	11372.8	8824.3	7737.1	7284.5
75°	7044.9	5158.3	4363.9	4952.5	5090.6	6318.2	8797.6	5495.7	4519.3	4166.8
77.5°	5061.1	3702.7	3131.4	3090.4	3268.8	4007.0	6242.6	2765.9	2306.8	2152.8
80°	2875.2	2437.0	2624.1	2475.9	2565.8	2505.4	2965.9	1213.1	993.7	928.9
82.5°	1735.5	1440.5	1559.9	1298.7	1643.4	1431.1	1142.6	388.5	337.5	320.9
85°	1128.9	787.2	410.1	274.9	566.3	914.5	255.4	105.8	81.3	64.8
87.5°	389.3	200.7	20.1	8.6	60.4	170.5	9.4	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

(END OF REPORT)