

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: P320800

Luminaire Tested: **GLEON-SA6B-830-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320800
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6B-830-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23869 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

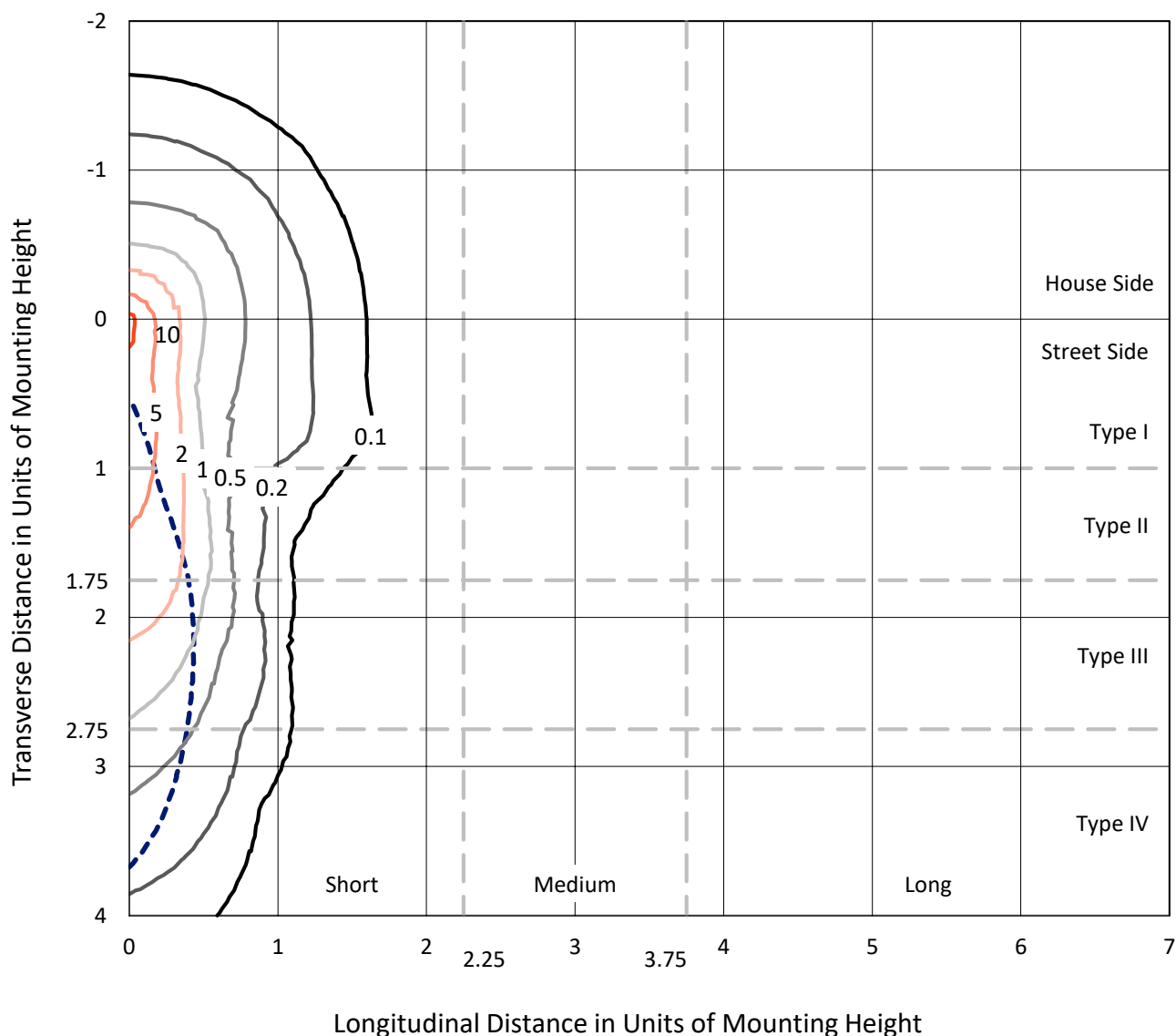
Input Watts (W): 249
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

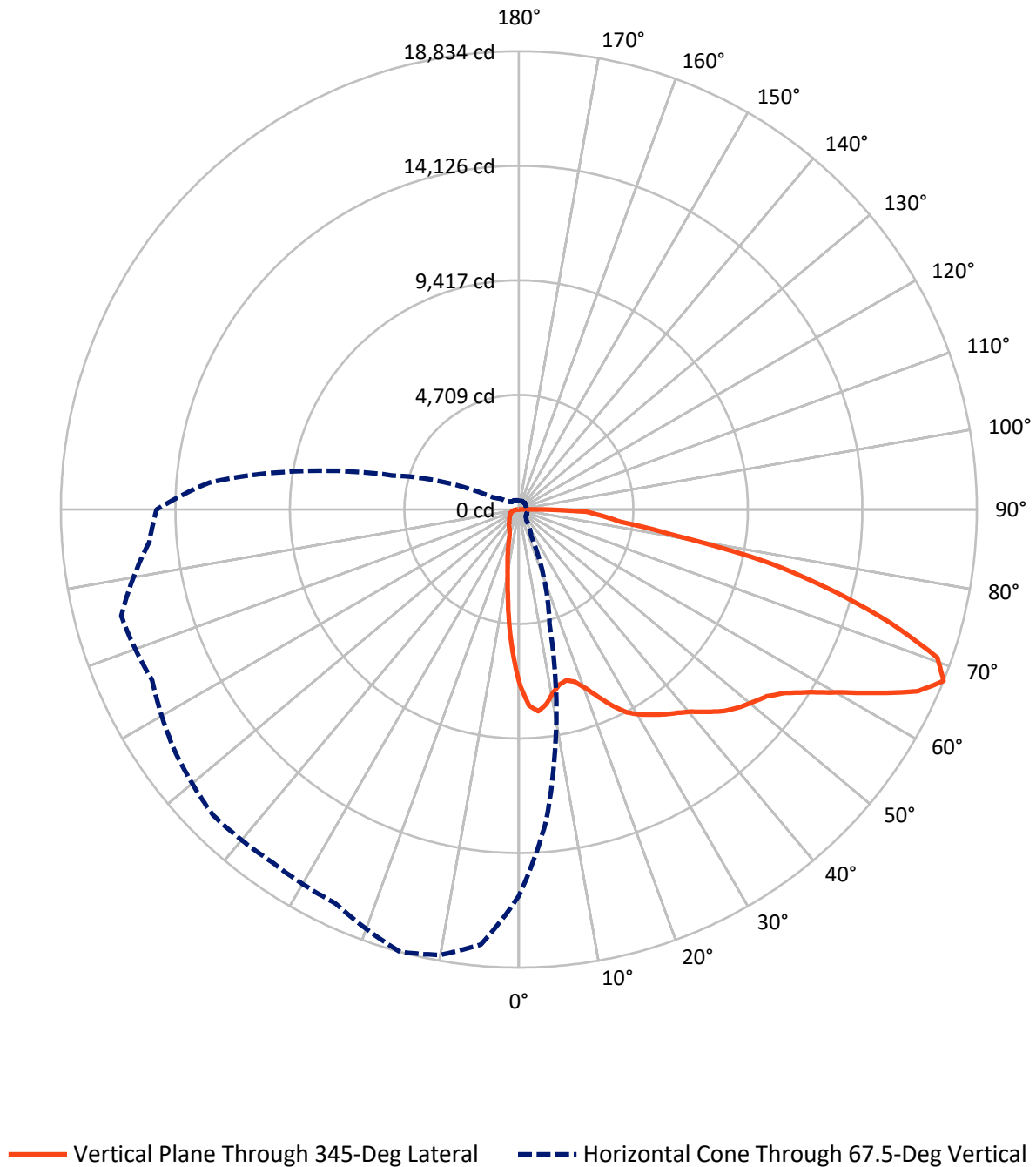
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4126.4	0.0	4126.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	19742.6	0.0	19742.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	23869.0	0.0	23869.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.2	2.4
10°-20°	1165.9	4.9
20°-30°	1658.1	6.9
30°-40°	2389.4	10.0
40°-50°	3367.3	14.1
50°-60°	4681.1	19.6
60°-70°	5660.9	23.7
70°-80°	3479.6	14.6
80°-90°	905.4	3.8
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°	23869.0	100.0
0°-180°	23869.0	100.0

Coefficient of Utilization



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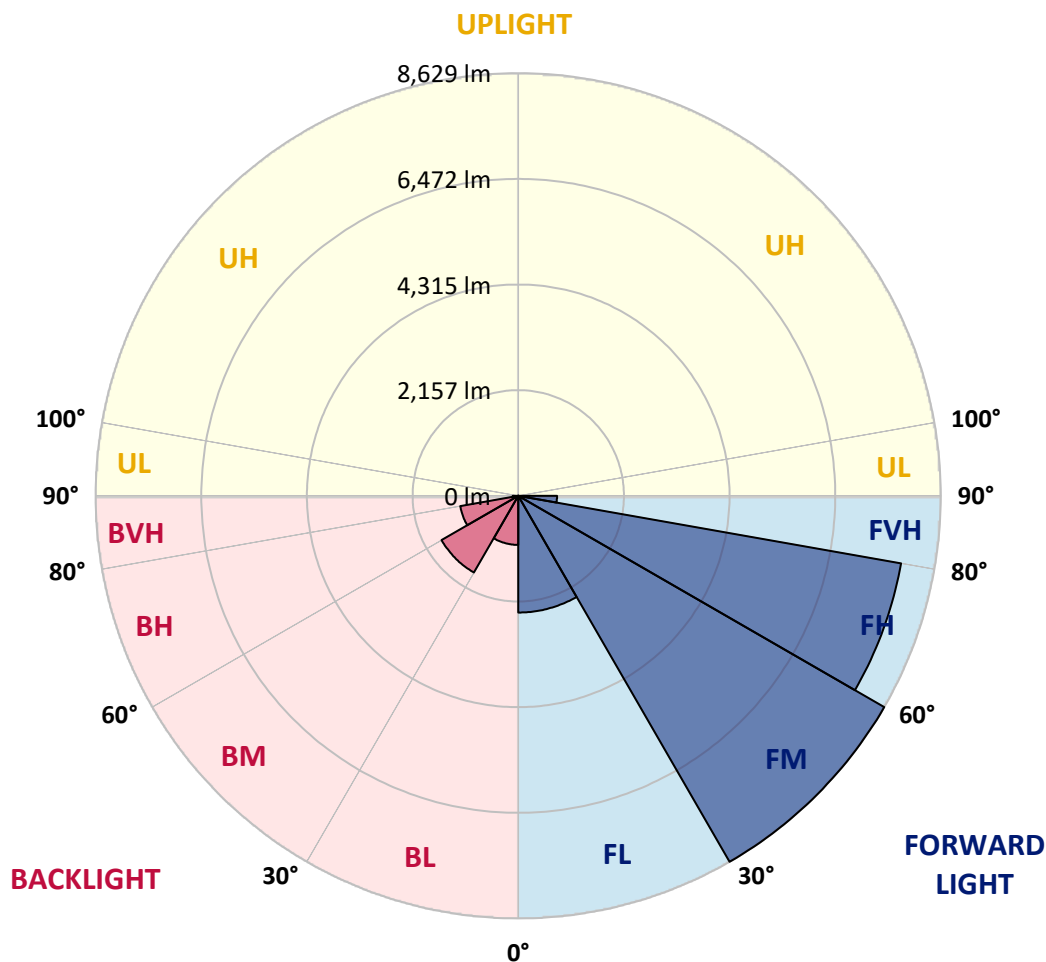
CATALOG NUMBER: GLEON-SA6B-830-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2383.4	10.0			
FM	(30°-60°)	8629.2	36.2			
FH	(60°-80°)	7938.0	33.3			G4/12000
FVH	(80°-90°)	791.9	3.3			G5
BL	(0°-30°)	1001.9	4.2	B3/2500		
BM	(30°-60°)	1808.6	7.6	B2/2500		
BH	(60°-80°)	1202.5	5.0	B3/2500		G3/2500
BVH	(80°-90°)	113.5	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	7790.0	7721.3	7617.3	7513.3	7436.0	7357.7	7269.0	7180.2	7079.1	6977.0	6916.9
5°	7661.2	7470.4	7222.2	6974.1	6810.0	6645.8	6459.7	6273.6	6089.5	5905.3	5806.0
7.5°	7081.0	6794.7	6472.1	6149.6	5911.0	5671.5	5413.8	5155.2	4926.2	4696.2	4554.0
10°	6510.3	6166.8	5796.5	5425.3	5119.9	4814.5	4555.9	4296.3	4123.6	3950.9	3820.1
12.5°	6100.9	5720.1	5312.7	4904.2	4598.8	4293.4	4129.3	3965.2	3822.0	3678.9	3528.1
15°	5938.7	5508.3	5091.3	4673.3	4395.6	4117.9	3935.6	3752.4	3560.5	3367.8	3182.6
17.5°	6081.8	5578.0	5124.7	4671.4	4307.8	3944.2	3689.4	3433.6	3180.7	2927.8	2713.1
20°	6528.4	5885.2	5292.6	4699.0	4215.2	3731.4	3389.7	3047.1	2722.7	2398.2	2154.8
22.5°	7155.4	6304.2	5530.2	4756.3	4131.2	3505.2	3076.7	2647.3	2263.6	1880.0	1641.4
25°	7917.0	6859.6	5872.8	4885.1	4096.9	3307.6	2780.9	2254.1	1849.5	1443.9	1274.0
27.5°	8719.5	7521.9	6298.5	5074.1	4102.6	3131.1	2531.8	1931.5	1567.0	1202.4	1086.0
30°	9388.5	8278.7	6794.7	5309.8	4124.5	2939.3	2297.0	1654.8	1354.2	1053.6	978.2
32.5°	10000.2	8806.4	7168.8	5530.2	4149.3	2767.5	2115.7	1463.0	1217.7	971.5	909.5
35°	10632.0	9275.0	7430.3	5584.6	4106.4	2627.2	1991.6	1356.1	1129.9	902.8	850.3
37.5°	11327.7	9781.7	7682.2	5581.8	4033.9	2486.0	1895.3	1303.6	1072.6	840.7	802.6
40°	12103.5	10341.9	7955.1	5568.4	3968.0	2366.7	1823.7	1279.7	1041.2	801.6	769.2
42.5°	12862.2	10876.3	8209.0	5541.7	3914.6	2286.5	1753.1	1219.6	1012.5	804.5	758.7
45°	13431.9	11343.0	8429.4	5515.0	3874.5	2234.0	1697.7	1161.4	985.8	810.2	752.0
47.5°	13864.2	11811.5	8673.7	5535.0	3870.7	2206.4	1658.6	1110.8	935.2	758.7	734.8
50°	14413.9	12374.6	9029.7	5684.8	3923.2	2161.5	1612.8	1063.1	886.6	710.0	742.5
52.5°	15098.2	13178.1	9581.3	5983.5	4032.9	2082.3	1540.3	998.2	827.4	655.6	706.2
55°	16103.1	14207.8	10286.5	6364.3	4165.6	1965.9	1430.5	894.2	749.1	603.1	648.0
57.5°	17004.9	15248.0	10963.1	6677.3	4248.6	1818.9	1292.1	765.4	661.3	557.3	583.1
60°	17406.6	15784.3	11280.0	6774.7	4199.0	1623.3	1136.6	648.9	584.0	519.1	514.4
62.5°	17250.1	15443.6	10967.9	6492.2	3956.6	1421.0	999.2	577.4	528.7	479.1	468.6
65°	16792.1	14372.9	10093.8	5814.6	3547.2	1279.7	912.3	544.9	490.5	436.1	424.7
67.5°	15889.3	12848.9	8855.1	4861.3	3027.1	1192.9	862.7	532.5	466.7	399.9	386.5
70°	14268.9	11014.7	7428.4	3841.1	2490.8	1139.4	830.3	521.1	440.9	359.8	347.4
72.5°	11719.9	8831.2	5932.0	3031.8	2082.3	1132.8	826.4	520.1	419.9	319.7	308.2
75°	8391.3	6707.9	4528.2	2347.6	1705.4	1063.1	784.4	505.8	391.3	275.8	265.3
77.5°	5646.7	4642.7	3147.3	1651.0	1265.4	879.9	659.4	439.0	335.0	230.9	220.4
80°	3626.4	3213.2	2109.0	1004.9	820.7	636.5	471.4	306.3	244.3	181.3	172.7
82.5°	2660.6	2391.5	1465.8	540.1	456.2	371.2	288.2	205.2	167.0	128.8	125.0
85°	1691.0	1864.7	1079.3	293.9	240.5	187.0	154.6	122.2	96.4	70.6	70.6
87.5°	328.3	454.3	298.7	142.2	104.0	65.8	56.3	45.8	25.8	4.8	5.7
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	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	6855.8	6789.9	6724.1	6649.6	6574.3	6504.6	6434.0	6356.7	6371.0	6311.8	6252.7
5°	5706.8	5601.8	5495.9	5404.3	5312.7	5233.4	5153.3	5081.7	5143.7	5101.8	5059.8
7.5°	4410.8	4281.0	4150.3	4040.6	3930.8	3845.9	3760.0	3700.8	3761.9	3754.3	3746.6
10°	3689.4	3563.4	3436.5	3315.3	3194.1	3091.0	2987.0	2899.2	2883.9	2840.0	2795.2
12.5°	3376.4	3203.6	3029.9	2903.0	2776.1	2653.0	2529.9	2426.8	2380.1	2307.5	2234.0
15°	2997.5	2793.3	2589.0	2444.9	2299.9	2180.6	2060.4	1971.6	1942.0	1885.7	1829.4
17.5°	2498.4	2275.1	2051.8	1905.8	1758.8	1663.4	1567.0	1507.8	1507.8	1491.6	1475.4
20°	1911.5	1712.0	1512.6	1400.9	1289.3	1238.7	1187.2	1162.4	1170.0	1170.9	1170.9
22.5°	1401.9	1279.7	1157.6	1112.7	1066.9	1048.8	1030.7	1020.2	1024.0	1024.9	1025.9
25°	1104.1	1057.4	1009.7	986.8	962.9	951.4	940.0	936.2	944.8	945.7	945.7
27.5°	969.6	941.0	911.4	897.1	881.8	877.0	872.2	865.6	874.1	874.1	873.2
30°	901.8	871.3	840.7	822.6	804.5	806.4	807.3	805.4	811.2	815.0	817.8
32.5°	846.5	816.9	787.3	769.2	750.1	747.2	744.4	742.5	754.9	761.5	768.2
35°	796.9	764.4	732.0	714.8	697.6	690.9	684.2	679.5	690.9	699.5	708.1
37.5°	763.4	730.0	695.7	679.5	662.3	653.7	645.1	639.4	644.2	648.0	651.8
40°	736.7	702.4	667.1	648.0	628.9	620.3	611.7	606.9	609.8	610.8	611.7
42.5°	711.9	678.5	645.1	624.1	602.2	591.7	581.2	575.5	577.4	579.3	580.2
45°	693.8	660.4	626.0	601.2	575.5	564.0	552.5	545.9	546.8	546.8	546.8
47.5°	711.0	662.3	612.7	584.0	554.5	541.1	527.7	521.1	519.1	517.2	515.3
50°	773.9	690.9	606.9	570.7	533.5	519.1	503.9	496.2	491.5	489.6	487.7
52.5°	755.8	684.2	611.7	565.0	517.2	500.1	482.9	470.5	465.7	462.8	460.0
55°	691.9	647.0	601.2	544.9	488.6	473.3	457.1	448.5	439.9	438.0	436.1
57.5°	607.9	589.8	571.6	514.4	457.1	442.8	427.5	421.8	414.2	414.2	413.2
60°	508.6	535.4	562.1	496.2	429.4	413.2	397.0	392.2	389.4	388.4	387.5
62.5°	457.1	501.0	544.0	474.3	403.7	386.5	369.3	363.6	362.6	363.6	363.6
65°	413.2	426.6	439.9	407.5	375.0	357.9	339.7	334.0	335.9	338.8	341.6
67.5°	373.1	370.3	367.4	356.0	343.6	329.2	314.0	308.2	309.2	313.0	316.8
70°	335.0	331.1	326.4	317.8	309.2	296.8	284.4	280.6	279.6	284.4	288.2
72.5°	296.8	292.0	286.3	279.6	272.0	261.5	251.0	248.1	249.1	251.9	254.8
75°	254.8	251.0	246.2	240.5	233.8	224.3	214.7	212.8	214.7	217.6	220.4
77.5°	209.0	208.0	206.1	201.4	196.6	186.1	174.6	173.7	176.5	179.4	181.3
80°	163.2	164.1	165.1	161.3	157.5	146.0	133.6	132.6	135.5	138.4	141.2
82.5°	120.2	123.1	125.0	120.2	115.5	102.1	88.8	86.8	96.4	99.2	102.1
85°	69.7	73.5	77.3	73.5	69.7	56.3	42.9	42.0	50.6	55.4	60.1
87.5°	5.7	7.6	9.5	8.6	7.6	3.8	0.0	0.0	1.0	4.8	8.6
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	0.0



REPORT NUMBER: P320800
 CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	6215.4	6178.2	6166.8	6155.3	6113.3	6070.4	6114.3	6157.2	6175.4	6193.5	6146.7
5°	5054.0	5047.4	5047.4	5046.4	5008.2	4969.1	4998.7	5027.3	4963.4	4899.4	4892.8
7.5°	3787.7	3828.7	3862.1	3894.5	3882.1	3869.7	3897.4	3925.1	3844.0	3761.9	3721.8
10°	2804.7	2813.3	2849.6	2885.8	2894.4	2902.1	2936.4	2969.8	2906.8	2843.8	2816.2
12.5°	2188.2	2142.4	2147.2	2151.0	2168.2	2184.4	2220.7	2256.0	2230.2	2203.5	2206.4
15°	1772.2	1713.9	1690.1	1665.3	1684.4	1703.4	1729.2	1754.0	1755.0	1755.0	1779.8
17.5°	1446.7	1417.2	1393.3	1368.5	1394.2	1419.1	1421.9	1424.8	1425.7	1426.7	1424.8
20°	1185.3	1199.6	1191.9	1184.3	1193.8	1202.4	1210.1	1216.7	1208.2	1198.6	1174.8
22.5°	1039.2	1051.7	1061.2	1069.8	1086.0	1101.3	1093.6	1085.1	1067.9	1049.7	1031.6
25°	954.3	962.9	972.4	982.0	995.3	1007.8	994.4	981.0	968.6	956.2	943.8
27.5°	882.7	891.3	899.9	907.6	920.0	931.4	919.0	906.6	896.1	885.6	876.1
30°	824.5	830.3	836.9	843.6	855.1	865.6	855.1	843.6	836.0	827.4	820.7
32.5°	774.9	780.6	783.5	786.4	796.9	807.3	799.7	792.1	785.4	778.7	773.9
35°	720.5	732.0	733.9	735.8	746.3	756.8	752.0	746.3	738.6	731.0	722.4
37.5°	665.2	678.5	686.2	692.8	703.3	713.8	709.1	704.3	693.8	683.3	668.0
40°	618.4	624.1	638.4	651.8	669.0	685.2	675.7	665.2	648.9	632.7	625.1
42.5°	579.3	578.3	591.7	605.0	630.8	655.6	638.4	621.3	606.0	590.7	588.8
45°	544.9	542.0	548.7	555.4	583.1	609.8	592.6	574.5	565.9	557.3	557.3
47.5°	514.4	512.5	517.2	521.1	538.2	554.5	545.9	537.3	532.5	527.7	528.7
50°	486.7	484.8	489.6	493.4	500.1	505.8	507.7	508.6	505.8	502.9	504.8
52.5°	460.9	460.9	462.8	463.8	472.4	481.0	481.0	480.0	480.0	480.0	481.9
55°	439.0	440.9	440.9	440.9	454.3	466.7	462.8	459.0	460.0	460.0	461.9
57.5°	417.0	419.9	421.8	423.7	437.1	450.4	446.6	442.8	442.8	442.8	443.8
60°	392.2	396.0	399.9	403.7	417.0	430.4	426.6	421.8	422.8	423.7	424.7
62.5°	368.4	372.2	376.0	379.8	393.2	406.5	402.7	397.9	400.8	402.7	402.7
65°	345.5	348.3	352.1	356.0	368.4	380.8	377.0	373.1	377.0	379.8	381.7
67.5°	319.7	321.6	325.4	329.2	341.6	354.0	350.2	345.5	350.2	354.0	357.9
70°	290.1	292.0	296.8	300.6	313.0	325.4	320.6	315.9	320.6	325.4	329.2
72.5°	257.7	259.6	264.3	268.2	282.5	296.8	291.1	285.3	291.1	296.8	298.7
75°	222.4	224.3	230.0	234.8	249.1	263.4	258.6	252.9	257.7	262.4	263.4
77.5°	184.2	187.0	194.7	202.3	213.8	225.2	222.4	219.5	222.4	225.2	225.2
80°	144.1	147.0	156.5	165.1	171.8	178.5	179.4	180.4	181.3	182.3	181.3
82.5°	106.9	110.7	119.3	127.9	127.9	127.9	135.5	142.2	142.2	141.2	140.3
85°	65.8	70.6	78.3	85.9	81.1	76.3	88.8	100.2	100.2	99.2	97.3
87.5°	13.4	18.1	25.8	32.4	27.7	22.9	35.3	47.7	48.7	48.7	46.8
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	0.0



REPORT NUMBER: P320800
 CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	6099.0	6173.4	6246.9	6266.0	6294.6	6307.0	6318.5	6412.0	6504.6	6613.4	6722.2
5°	4885.1	4940.5	4995.8	5004.4	5034.0	5049.3	5064.5	5178.1	5290.7	5442.4	5594.2
7.5°	3681.7	3695.1	3708.5	3706.5	3731.4	3764.8	3797.2	3918.4	4038.6	4201.8	4364.1
10°	2788.5	2819.0	2848.6	2876.3	2930.7	2993.7	3055.7	3179.8	3303.8	3465.1	3625.4
12.5°	2209.2	2244.5	2278.9	2309.4	2372.4	2456.4	2539.4	2688.3	2837.2	3029.9	3221.8
15°	1803.6	1800.8	1797.9	1818.9	1874.3	1965.9	2056.5	2214.0	2371.5	2583.3	2794.2
17.5°	1422.9	1408.6	1394.2	1410.5	1462.0	1537.4	1611.8	1745.4	1878.1	2083.3	2288.4
20°	1150.9	1141.4	1131.8	1147.1	1179.5	1211.0	1242.5	1338.9	1434.3	1601.3	1767.4
22.5°	1012.5	1011.6	1009.7	1018.3	1033.5	1049.7	1065.0	1111.8	1157.6	1265.4	1372.3
25°	931.4	930.5	929.5	933.3	945.7	958.1	970.5	1001.1	1031.6	1083.1	1134.7
27.5°	866.5	864.6	862.7	863.7	866.5	885.6	903.7	918.0	931.4	966.7	1001.1
30°	814.0	813.1	812.1	812.1	809.3	815.9	822.6	844.6	865.6	901.8	938.1
32.5°	769.2	764.4	759.6	749.1	742.5	752.0	761.5	784.4	807.3	840.7	874.1
35°	712.9	700.5	687.1	681.4	682.3	691.9	701.4	724.3	746.3	782.5	817.8
37.5°	651.8	648.0	643.2	642.3	645.1	654.7	664.2	684.2	703.3	739.6	774.9
40°	617.4	615.5	613.6	611.7	613.6	623.2	632.7	651.8	669.9	705.2	739.6
42.5°	586.9	585.9	585.0	585.0	585.9	596.4	606.9	626.0	644.2	675.7	707.1
45°	557.3	558.3	558.3	560.2	563.0	573.5	583.1	604.1	625.1	655.6	686.2
47.5°	529.6	532.5	534.4	539.2	542.0	553.5	564.0	586.9	609.8	648.0	685.2
50°	505.8	508.6	510.6	514.4	522.0	535.4	548.7	576.4	603.1	667.1	730.0
52.5°	483.8	486.7	489.6	493.4	502.9	518.2	533.5	567.8	601.2	675.7	750.1
55°	463.8	466.7	468.6	474.3	483.8	497.2	509.6	551.6	593.6	648.0	702.4
57.5°	444.7	447.6	449.5	453.3	458.1	472.4	485.7	530.6	575.5	613.6	650.8
60°	424.7	426.6	427.5	427.5	431.3	447.6	463.8	521.1	577.4	570.7	563.0
62.5°	402.7	404.6	405.6	402.7	407.5	424.7	441.8	516.3	590.7	544.9	499.1
65°	382.7	381.7	380.8	377.9	383.6	400.8	417.0	454.3	491.5	473.3	455.2
67.5°	360.7	357.9	355.0	351.2	356.9	372.2	386.5	398.9	411.3	413.2	415.1
70°	333.1	329.2	325.4	324.5	327.3	339.7	352.1	360.7	368.4	372.2	375.0
72.5°	300.6	297.7	294.9	293.0	293.9	304.4	314.0	321.6	329.2	332.1	334.0
75°	264.3	264.3	263.4	257.7	257.7	266.3	273.9	280.6	287.2	291.1	294.9
77.5°	225.2	226.2	226.2	218.5	217.6	226.2	233.8	239.5	244.3	248.1	251.0
80°	180.4	178.5	176.5	171.8	169.9	180.4	189.9	194.7	198.5	199.5	199.5
82.5°	138.4	134.6	129.8	119.3	120.2	131.7	142.2	146.0	149.8	149.8	149.8
85°	94.5	86.8	78.3	69.7	70.6	83.0	94.5	98.3	102.1	104.0	105.0
87.5°	44.9	37.2	28.6	21.9	21.9	32.4	42.0	43.9	45.8	49.6	53.4
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	0.0



REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	6805.2	6887.3	6972.2	7057.1	7154.5	7251.8	7365.4	7478.0	7574.4	7670.8	7750.9
5°	5724.9	5855.7	6009.3	6162.9	6358.6	6554.2	6793.7	7032.3	7245.1	7457.9	7705.1
7.5°	4534.9	4704.8	4905.2	5105.6	5358.5	5611.4	5921.5	6231.7	6532.3	6831.9	7211.7
10°	3803.9	3982.3	4179.9	4376.5	4634.1	4890.8	5219.1	5546.5	5884.3	6221.2	6650.6
12.5°	3420.3	3617.8	3791.5	3965.2	4174.2	4382.2	4700.0	5017.8	5414.8	5810.8	6224.0
15°	3010.9	3226.5	3434.6	3642.6	3870.7	4097.8	4407.0	4716.2	5150.4	5584.6	6059.9
17.5°	2515.6	2742.7	2996.5	3249.4	3547.2	3844.0	4240.0	4636.0	5150.4	5663.8	6224.0
20°	1999.3	2231.2	2534.7	2838.1	3208.4	3577.7	4091.1	4604.6	5297.4	5989.3	6704.0
22.5°	1577.5	1781.7	2112.8	2443.0	2870.6	3298.1	3956.6	4614.1	5519.7	6424.4	7389.2
25°	1278.8	1422.9	1748.3	2072.8	2566.1	3059.5	3874.5	4688.5	5843.3	6997.0	8193.7
27.5°	1095.5	1190.0	1493.5	1796.0	2335.2	2873.4	3841.1	4807.8	6253.6	7699.4	9068.8
30°	1003.9	1069.8	1326.5	1582.2	2130.0	2677.8	3801.0	4924.2	6648.7	8372.2	9753.1
32.5°	927.6	980.1	1199.6	1418.1	1952.5	2486.9	3723.7	4959.6	6924.5	8889.4	10332.3
35°	862.7	906.6	1097.5	1288.3	1813.2	2338.1	3593.9	4849.8	7097.2	9344.6	10935.5
37.5°	810.2	844.6	1021.1	1197.7	1692.9	2188.2	3446.0	4703.8	7250.9	9797.9	11614.0
40°	769.2	798.8	963.9	1129.0	1578.4	2027.9	3319.1	4609.3	7462.7	10316.1	12330.7
42.5°	746.3	784.4	914.2	1043.1	1469.6	1896.2	3217.0	4537.8	7659.3	10779.9	12957.6
45°	740.5	794.9	888.5	982.0	1388.5	1795.1	3126.3	4456.6	7786.2	11115.8	13430.0
47.5°	731.0	775.9	868.4	961.0	1348.4	1734.9	3077.7	4419.4	7913.2	11405.9	13822.3
50°	736.7	742.5	852.2	961.0	1342.7	1724.4	3133.0	4541.6	8188.0	11833.5	14270.8
52.5°	726.2	701.4	821.7	941.9	1341.8	1741.6	3292.4	4843.1	8698.6	12553.0	14756.5
55°	670.9	638.4	764.4	890.4	1321.7	1752.1	3482.3	5211.5	9383.7	13555.0	15629.7
57.5°	622.2	592.6	699.5	805.4	1260.6	1715.9	3677.9	5639.0	10108.1	14576.2	16613.6
60°	557.3	550.6	627.0	703.3	1166.2	1628.1	3839.2	6049.4	10594.8	15139.2	16992.5
62.5°	503.9	507.7	564.0	620.3	1047.8	1474.4	3892.6	6309.9	10581.4	14852.9	16610.8
65°	462.8	469.5	524.9	580.2	946.7	1313.1	3717.0	6120.0	10046.0	13971.1	15855.9
67.5°	422.8	430.4	496.2	561.1	857.0	1151.9	3278.1	5403.3	9083.1	12762.0	14895.9
70°	384.6	394.1	465.7	537.3	792.1	1045.9	2712.2	4378.4	7877.8	11376.4	13784.1
72.5°	343.6	353.1	429.4	505.8	751.0	995.3	2211.1	3426.0	6392.9	9358.9	11790.5
75°	301.6	308.2	391.3	473.3	694.7	916.1	1734.9	2552.8	4892.8	7232.7	8905.6
77.5°	259.6	268.2	337.8	406.5	589.8	772.0	1307.4	1842.8	3590.1	5336.5	6193.5
80°	207.1	214.7	264.3	313.0	455.2	596.4	899.0	1201.5	2470.7	3739.9	4222.8
82.5°	158.4	167.0	200.4	232.9	324.5	416.1	544.9	673.7	1641.4	2608.1	2648.2
85°	108.8	111.7	135.5	158.4	200.4	242.4	312.1	381.7	1086.0	1790.3	1491.6
87.5°	54.4	54.4	70.6	86.8	107.8	128.8	165.1	200.4	347.4	494.3	284.4
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	0.0



REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	7853.0	7922.7	7993.3	8046.8	8101.2	8179.4	8257.7	8272.0	8287.2	8256.7	8226.2
5°	7954.2	8165.1	8376.9	8572.6	8768.2	8885.6	9003.0	9026.8	9050.7	8977.2	8902.8
7.5°	7579.1	7946.6	8314.0	8650.8	8987.7	9191.9	9397.1	9442.9	9489.7	9369.4	9249.2
10°	7078.1	7529.5	7980.9	8424.7	8868.4	9165.2	9462.0	9521.2	9580.3	9430.5	9280.7
12.5°	6690.7	7172.6	7654.5	8122.1	8590.7	8898.0	9205.3	9278.8	9352.3	9243.5	9133.7
15°	6571.4	7024.7	7478.0	7885.5	8293.9	8544.9	8796.8	8826.4	8857.0	8839.8	8822.6
17.5°	6788.0	7197.4	7607.8	7829.2	8051.5	8151.7	8252.9	8285.3	8318.7	8361.7	8405.6
20°	7312.9	7601.1	7890.3	7880.7	7870.2	7821.5	7771.9	7763.3	7754.7	7877.8	8001.9
22.5°	8096.4	8210.9	8326.4	8058.2	7790.0	7626.9	7462.7	7430.3	7396.9	7527.6	7659.3
25°	8946.7	8925.7	8903.7	8393.2	7881.7	7570.6	7259.5	7223.2	7186.9	7298.6	7411.2
27.5°	9788.4	9651.0	9513.5	8819.8	8126.0	7674.6	7223.2	7186.9	7150.7	7249.9	7349.2
30°	10405.8	10185.4	9964.9	9179.5	8394.1	7857.8	7321.5	7262.3	7202.2	7324.3	7446.5
32.5°	10887.7	10591.9	10296.1	9471.5	8647.0	8066.8	7486.6	7394.0	7301.4	7464.6	7627.8
35°	11368.7	10952.6	10535.6	9732.1	8927.6	8314.0	7699.4	7585.8	7472.3	7696.5	7920.8
37.5°	11973.8	11376.4	10778.0	10025.0	9272.1	8684.2	8095.4	7979.0	7862.6	8147.9	8434.2
40°	12630.3	11833.5	11036.6	10345.7	9654.8	9196.7	8737.7	8627.0	8515.3	8862.7	9210.1
42.5°	13176.2	12259.1	11342.0	10732.2	10121.4	9798.9	9475.4	9474.4	9472.5	9824.6	10176.8
45°	13619.9	12614.1	11607.3	11109.1	10610.0	10442.1	10274.1	10408.7	10543.2	10861.0	11179.8
47.5°	13951.1	12911.8	11871.6	11540.5	11209.3	11234.2	11259.0	11532.9	11806.7	12011.0	12216.1
50°	14166.8	13181.9	12196.1	12094.0	11991.9	12214.2	12437.5	12751.5	13066.4	13205.8	13345.1
52.5°	14480.7	13548.4	12615.0	12729.6	12844.1	13298.3	13752.6	14070.4	14388.2	14439.7	14492.2
55°	15207.0	14222.1	13236.3	13455.8	13676.2	14342.4	15009.4	15257.5	15505.7	15524.7	15543.8
57.5°	16238.6	15165.9	14093.3	14329.9	14566.6	15335.8	16105.9	16373.1	16641.3	16604.1	16565.9
60°	17010.6	16062.0	15112.5	15351.1	15589.6	16339.7	17089.8	17397.1	17705.3	17623.3	17541.2
62.5°	17058.3	16551.6	16043.9	16259.6	16476.2	17211.0	17945.8	18261.7	18577.6	18434.4	18291.3
65°	16299.6	16526.8	16753.9	16825.5	16897.0	17582.2	18268.4	18509.8	18752.2	18679.7	18607.2
67.5°	15254.7	16091.6	16929.5	16785.4	16641.3	16962.9	17284.5	17533.6	17782.6	17741.6	17699.6
70°	14211.6	15329.1	16446.6	15738.5	15029.5	14896.8	14764.2	15032.3	15301.4	15135.4	14968.4
72.5°	12435.6	13626.6	14818.6	13514.0	12209.5	11756.2	11302.9	11643.6	11984.2	11719.9	11454.6
75°	9761.7	11077.7	12394.6	10838.1	9281.6	8676.6	8071.6	8364.5	8657.5	8476.2	8293.9
77.5°	7267.1	8564.0	9860.9	8278.7	6695.5	6246.0	5795.5	5882.4	5970.2	5939.6	5908.1
80°	4929.0	5832.8	6737.4	5683.9	4630.3	4664.7	4700.0	4659.0	4617.0	4678.0	4739.1
82.5°	3145.4	3843.0	4541.6	3982.3	3423.1	3743.8	4064.4	3907.0	3748.5	3806.7	3865.9
85°	1795.1	2477.4	3160.7	2946.0	2730.3	2917.3	3105.3	2861.0	2616.7	2723.6	2831.4
87.5°	473.3	1370.4	2268.4	2059.4	1850.4	1608.0	1365.6	1042.1	718.6	1049.7	1380.9
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	0.0



REPORT NUMBER: P320800
 CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320800

CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9	7271.9
2.5°	8209.9	8193.7	8135.5	8076.3	7988.5	7916.0	7790.0
5°	8799.7	8696.6	8519.1	8340.7	8142.2	7914.1	7661.2
7.5°	9008.7	8767.3	8426.6	8084.9	7777.6	7416.9	7081.0
10°	8920.0	8558.3	8115.5	7671.7	7298.6	6883.5	6510.3
12.5°	8750.1	8365.5	7877.8	7389.2	6964.6	6518.9	6100.9
15°	8516.3	8209.0	7751.9	7294.8	6867.2	6434.0	5938.7
17.5°	8260.5	8114.5	7784.3	7453.2	7082.9	6663.0	6081.8
20°	8054.4	8107.8	7976.1	7844.4	7547.7	7181.2	6528.4
22.5°	7915.1	8171.8	8272.9	8375.0	8196.6	7910.3	7155.4
25°	7836.8	8262.4	8601.2	8940.9	8861.7	8641.3	7917.0
27.5°	7871.2	8393.2	8919.0	9445.8	9519.3	9458.2	8719.5
30°	7974.2	8502.9	9143.3	9784.6	10077.5	10159.6	9388.5
32.5°	8146.0	8664.2	9361.8	10060.4	10503.2	10764.6	10000.2
35°	8405.6	8890.4	9617.6	10344.7	10917.3	11394.5	10632.0
37.5°	8851.2	9268.3	9939.2	10611.0	11353.4	12070.1	11327.7
40°	9504.0	9798.9	10365.7	10933.6	11867.8	12835.5	12103.5
42.5°	10327.6	10479.3	10928.8	11378.3	12405.1	13530.2	12862.2
45°	11219.8	11259.9	11542.4	11825.8	12830.7	14003.6	13431.9
47.5°	12078.7	11941.3	12053.9	12166.5	13157.1	14341.4	13864.2
50°	12962.4	12579.7	12520.6	12461.4	13483.5	14739.3	14413.9
52.5°	13861.4	13230.6	12996.8	12762.0	13872.8	15267.1	15098.2
55°	14741.3	13938.7	13623.8	13308.8	14468.3	15911.2	16103.1
57.5°	15656.4	14747.0	14455.0	14162.9	15343.4	16727.2	17004.9
60°	16641.3	15740.4	15506.6	15271.9	16431.3	17609.0	17406.6
62.5°	17575.6	16859.8	16736.7	16612.7	17531.7	18286.5	17250.1
65°	18199.7	17791.2	17905.8	18021.2	18363.8	18455.4	16792.1
67.5°	17782.6	17865.7	18349.5	18834.3	18598.6	17953.5	15889.3
70°	15465.6	15963.7	17109.9	18256.9	17734.0	16608.8	14268.9
72.5°	12013.8	12574.0	14275.6	15978.0	15496.1	14118.1	11719.9
75°	8925.7	9558.4	11436.5	13314.6	12645.6	10560.4	8391.3
77.5°	6331.9	6755.6	8609.8	10465.0	9374.2	7029.5	5646.7
80°	4609.3	4479.5	5513.1	6546.6	6365.3	4649.4	3626.4
82.5°	3549.1	3232.3	3719.0	4205.7	4178.9	3226.5	2660.6
85°	2704.5	2577.6	3008.0	3438.4	3070.0	2185.4	1691.0
87.5°	1576.5	1773.1	2279.9	2787.5	2091.9	663.2	328.3
90°	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
95°	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
100°	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
105°	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
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320800
 CATALOG NUMBER: GLEON-SA6B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	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
147.5°	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
152.5°	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
157.5°	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
162.5°	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
167.5°	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
172.5°	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
177.5°	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

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

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2408-195-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/07/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **GALN-SB1A-830-U-5WQ**
 Description: GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K): 3050
 CIE u' : 0.2476
 CIE v' : 0.5251
 Duv: 0.0034
 CIE x: 0.4383
 CIE y: 0.4131
 CIE z: 0.1487
 Peak Wavelength (nm): 603
 Dominant Wavelength (nm): 581
 Purity: 55.55201
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 81.0
 R1: 79.6
 R2: 85.6
 R3: 92.0
 R4: 82.6
 R5: 78.9
 R6: 81.7
 R7: 85.2
 R8: 62.0
 R9: 7.1
 R10: 67.0
 R11: 82.7
 R12: 63.2
 R13: 80.3
 R14: 95.0
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 24.2

REPORT NUMBER: SP1-2408-195-9

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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

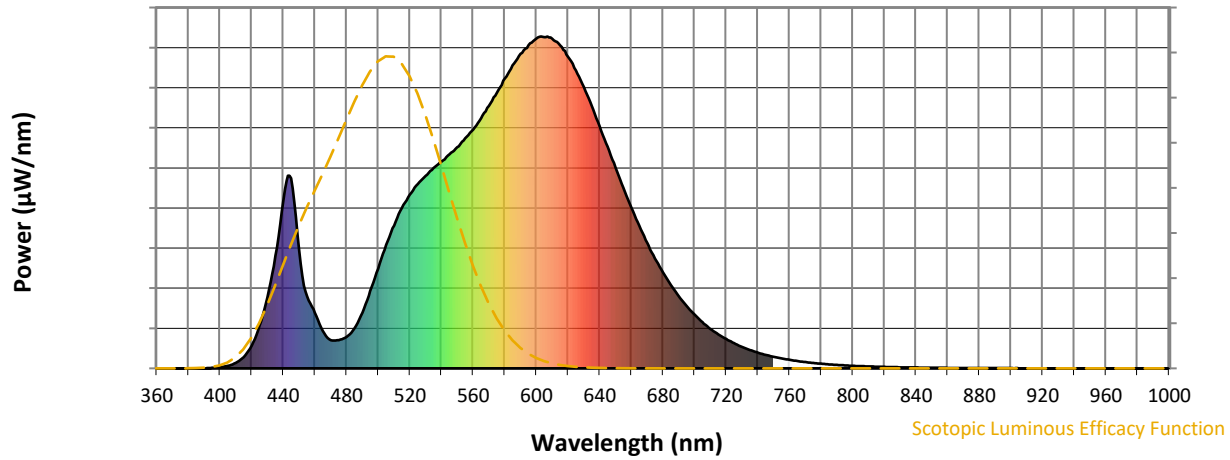


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.27

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.32

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

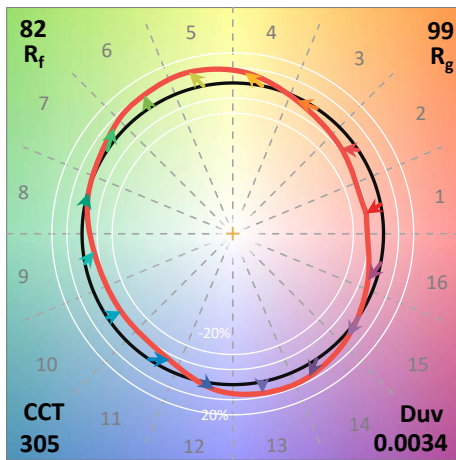
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 81.0$
 $R_9 = 7.1$



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)