

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: P382696

Luminaire Tested: **GLEON-SA0D-735-U-SLR-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P382696  
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-SA0D-735-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(10) 70 CRI, 3500K, 1200mA 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: 53033.9 lumens  
Efficiency: N/A  
Efficacy: 82.9 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

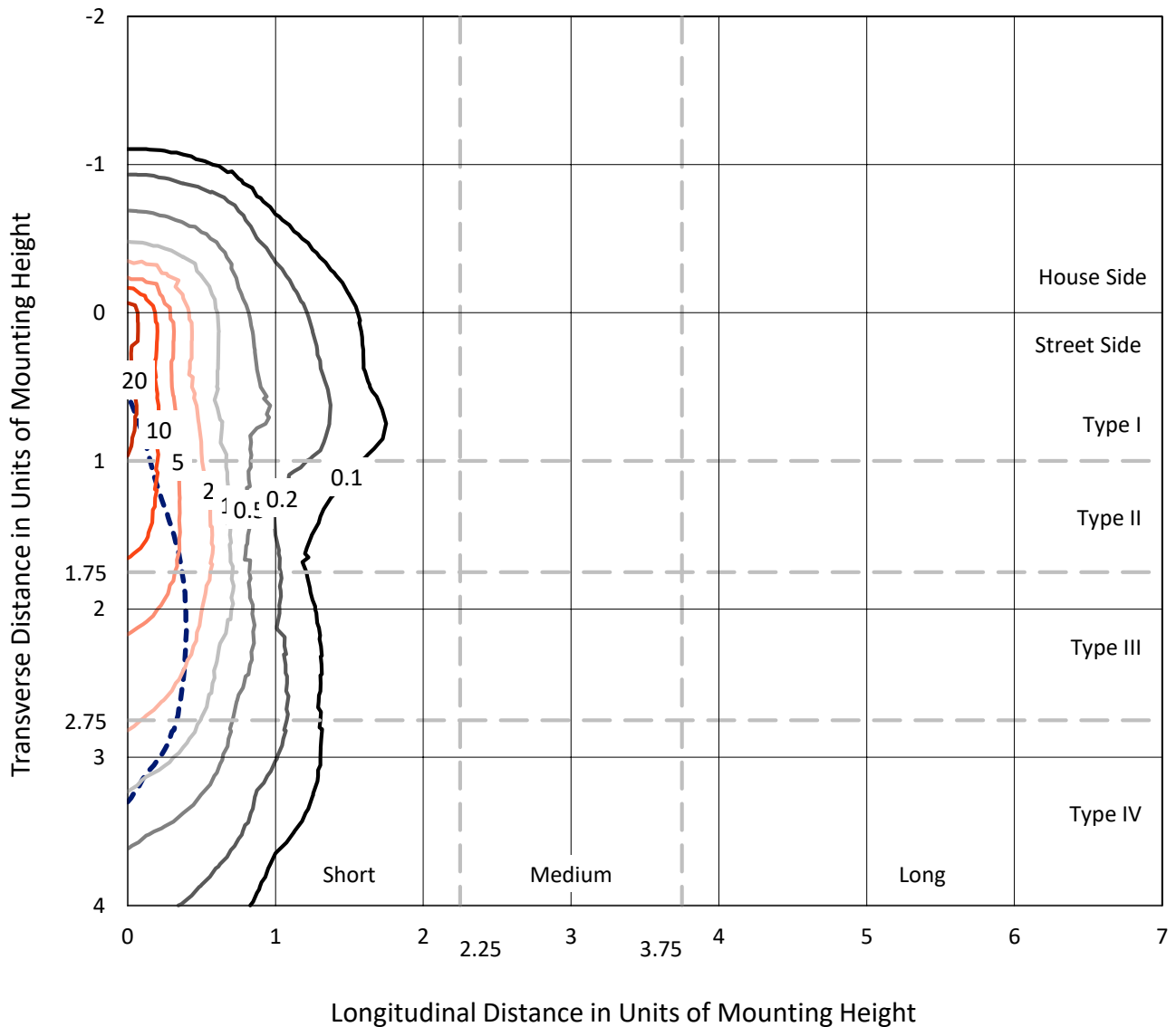
Input Watts (W): 640  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

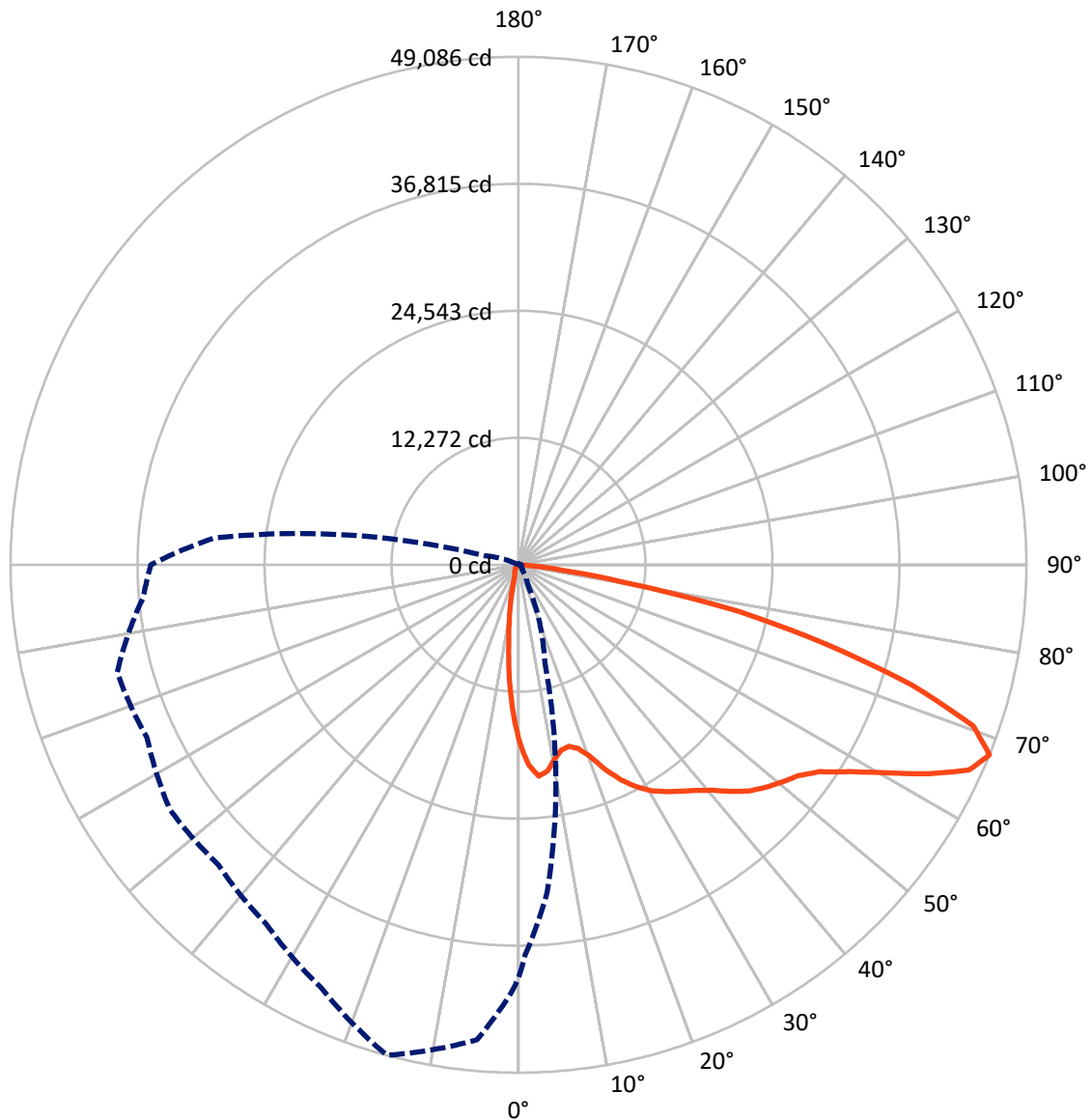
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.6 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



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

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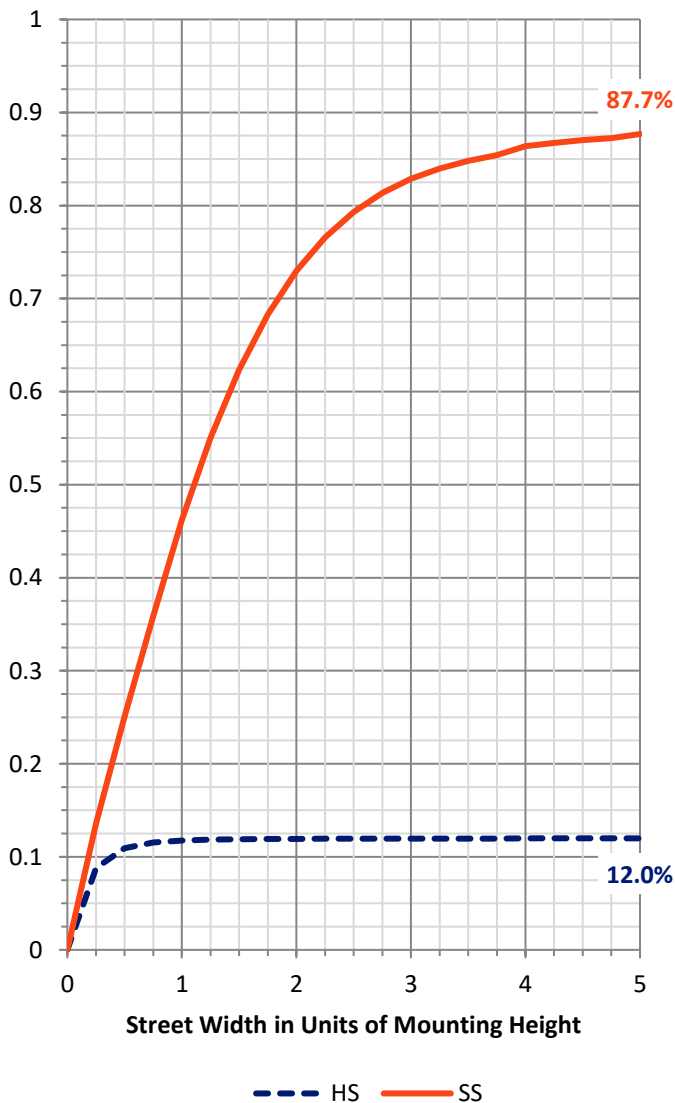
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6418.8	0.0	6418.8
	% Fixture	12.1	0.0	12.1
<b>Street Side</b>	Lumens	46615.1	0.0	46615.1
	% Fixture	87.9	0.0	87.9
<b>Total</b>	Lumens	53033.9	0.0	53033.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1325.9	2.5
10°-20°	2639.2	5.0
20°-30°	3747.6	7.1
30°-40°	5535.5	10.4
40°-50°	7983.3	15.1
50°-60°	11206.9	21.1
60°-70°	13064.0	24.6
70°-80°	6678.6	12.6
80°-90°	852.9	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°	53033.9	100.0
0°-180°	53033.9	100.0

**Coefficient of Utilization**

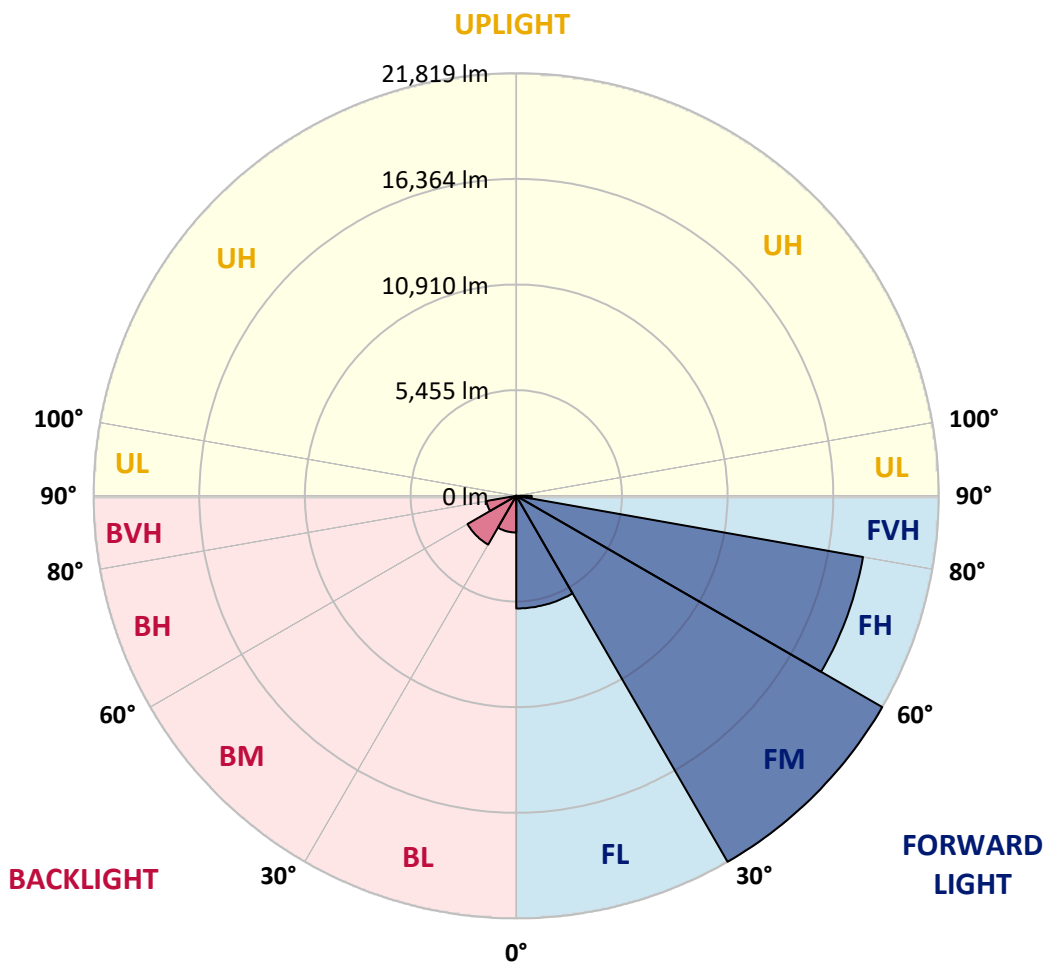


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5816.8	11.0			
FM (30°-60°)	21819.0	41.1			
FH (60°-80°)	18178.2	34.3			G5
FVH (80°-90°)	801.1	1.5			G5
BL (0°-30°)	1895.9	3.6	B3/2500		
BM (30°-60°)	2906.7	5.5	B3/5000		
BH (60°-80°)	1564.5	2.9	B3/2500		G3/2500
BVH (80°-90°)	51.8	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7
2.5°	18916.4	18770.6	18609.8	18084.7	17597.3	17039.5	16584.8	16268.2	15871.2	15356.2	15225.5
5°	18780.7	18624.9	18119.9	16951.6	15929.0	14934.1	13974.3	13411.5	12713.1	12004.6	11828.7
7.5°	17416.4	17253.1	16524.4	14924.0	13547.2	12110.1	10863.9	10092.6	9303.6	8655.5	8311.3
10°	15996.9	15818.5	14999.4	13057.3	11361.3	10062.4	9147.9	8411.7	7665.5	6972.1	6419.4
12.5°	15019.5	14785.9	13896.5	11695.5	10218.2	9336.3	8482.1	7600.2	6590.2	5846.5	5238.5
15°	14610.0	14343.7	13404.0	11170.4	9813.7	8778.5	7665.5	6582.7	5399.2	4547.5	3989.8
17.5°	14926.6	14579.8	13572.4	11135.3	9306.2	7896.6	6489.7	5218.3	3934.5	3072.7	2675.8
20°	16001.8	15547.2	14268.3	11125.2	8690.6	6849.0	5065.1	3628.0	2592.9	2085.4	1876.8
22.5°	17695.3	17094.8	15268.3	11205.6	8055.0	5748.5	3658.2	2464.7	1947.1	1683.3	1560.2
25°	19740.4	19044.5	16707.9	11489.5	7497.2	4678.2	2658.2	1947.1	1643.2	1449.7	1346.6
27.5°	21685.1	21119.8	18526.9	11899.0	7065.0	3813.9	2158.2	1650.7	1404.5	1276.3	1193.4
30°	23627.2	22916.2	20393.7	12386.4	6545.0	3228.6	1896.9	1505.0	1258.7	1123.1	1070.3
32.5°	25039.3	24448.8	21856.0	12738.2	5989.8	2846.6	1695.9	1376.8	1175.8	1037.7	959.8
35°	26699.9	26031.6	23109.6	12816.0	5633.0	2605.4	1525.0	1238.7	1020.0	897.0	814.1
37.5°	28493.9	27662.2	24556.8	12645.2	5354.1	2487.3	1396.9	1175.8	952.2	826.6	738.6
40°	30478.7	29539.0	25946.2	12399.0	5080.2	2447.2	1298.9	1128.1	899.5	771.3	680.9
42.5°	32569.0	31461.1	27149.7	12140.2	4906.8	2308.9	1288.9	1080.3	859.3	721.1	630.7
45°	34325.3	33202.2	28385.8	12054.8	4783.8	2158.2	1331.6	1047.7	831.6	680.9	592.9
47.5°	35724.8	34662.0	29652.1	12245.8	4713.4	2020.1	1213.5	1090.4	816.6	645.7	560.3
50°	37395.5	36192.0	31435.9	12816.0	4610.4	1881.8	1097.9	1248.7	816.6	623.1	532.7
52.5°	39490.9	38300.0	33425.8	13700.5	4404.4	1690.9	987.4	1251.2	824.0	592.9	497.4
55°	42126.5	41262.2	36267.4	14670.3	4075.2	1409.5	854.2	1075.4	794.0	537.7	464.8
57.5°	44654.0	43948.0	38857.7	15333.6	3635.6	1100.4	743.7	866.8	726.1	472.4	414.5
59°	45344.9	44573.6	39807.5	15363.7	3306.4	959.8	688.4	716.1	711.1	442.2	384.4
60°	45344.9	44525.9	40081.3	15202.9	3067.7	881.9	653.2	638.2	741.1	422.1	366.8
62.5°	44523.4	43372.7	39192.0	14115.0	2502.4	751.2	570.3	527.6	665.8	379.4	324.1
65°	42815.0	41139.1	36161.9	12147.8	2231.1	688.4	492.4	432.1	462.3	334.1	283.9
67.5°	39965.8	37694.5	31792.7	9813.7	2123.0	670.8	424.6	366.8	349.2	286.5	248.7
70°	34948.4	32428.4	26488.9	7715.8	2030.0	663.3	356.8	309.0	281.4	241.2	211.1
72.5°	25436.2	22808.2	18805.8	6032.4	1974.8	678.4	286.5	258.8	231.1	188.5	163.3
75°	14549.7	12828.6	10569.9	3984.8	1683.3	648.2	221.1	216.0	165.8	135.6	113.1
77.5°	7517.3	7288.6	6334.0	1530.1	806.5	283.9	145.7	125.7	98.0	82.9	67.8
80°	3243.6	3208.4	2776.3	442.2	213.6	158.3	82.9	52.7	45.2	35.2	27.7
82.5°	1120.6	1120.6	987.4	148.2	95.5	77.9	10.1	0.0	0.0	0.0	0.0
85°	226.1	253.8	178.4	0.0	32.7	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



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7
2.5°	15067.2	14763.3	14743.1	14552.2	14313.5	14205.4	14142.7	14253.2	14388.9	14404.0	14607.5
5°	11695.5	11376.4	11509.6	11170.4	11238.3	11170.4	11059.9	11080.0	11140.3	10951.8	11185.5
7.5°	8213.3	7972.1	8125.3	8034.9	8155.4	8203.2	8135.4	8034.9	7738.4	7703.2	7906.7
10°	6190.7	5916.8	5753.5	5582.7	5620.4	5698.3	5673.1	5600.3	5411.8	5421.9	5617.9
12.5°	4974.7	4668.2	4344.1	3924.4	3821.5	3879.2	3821.5	3778.7	3597.8	3612.9	3786.3
15°	3773.7	3522.5	3183.3	2846.6	2663.2	2680.8	2520.0	2406.9	2293.8	2158.2	2263.8
17.5°	2547.6	2394.4	2293.8	2193.4	1974.8	1924.6	1721.0	1502.5	1417.1	1354.2	1399.5
20°	1803.9	1721.0	1680.9	1675.9	1550.2	1487.4	1288.9	1153.3	1110.5	1097.9	1125.6
22.5°	1507.5	1447.2	1389.4	1356.7	1293.9	1221.1	1070.3	1002.4	972.3	957.3	977.4
25°	1311.5	1266.3	1206.0	1150.7	1125.6	1047.7	939.7	889.4	869.3	854.2	864.3
27.5°	1165.7	1125.6	1055.3	1020.0	999.9	932.1	839.1	799.0	781.4	776.4	773.8
30°	1050.2	1012.5	947.2	907.0	871.8	811.6	756.2	716.1	698.5	693.4	688.4
32.5°	934.6	904.5	861.8	821.5	783.9	728.7	680.9	648.2	620.6	615.6	613.1
35°	788.9	758.7	736.1	733.6	698.5	645.7	610.5	567.8	545.2	537.7	540.2
37.5°	701.0	660.7	610.5	628.1	618.1	580.4	532.7	489.9	467.4	462.3	462.3
40°	645.7	603.0	545.2	515.1	545.2	537.7	462.3	419.6	396.9	394.4	389.4
42.5°	592.9	550.3	484.9	434.7	449.8	472.4	399.4	359.3	336.7	331.6	324.1
45°	555.3	510.0	437.2	379.4	349.2	396.9	341.7	291.5	278.9	268.8	263.8
47.5°	520.1	477.3	394.4	329.1	278.9	286.5	273.9	238.7	223.6	213.6	211.1
50°	489.9	444.7	356.8	281.4	231.1	211.1	221.1	188.5	175.9	165.8	160.8
52.5°	454.8	412.0	316.5	243.7	193.5	165.8	168.3	148.2	135.6	128.2	125.7
55°	427.1	384.4	283.9	213.6	170.8	135.6	120.6	115.6	108.1	103.0	100.5
57.5°	389.4	349.2	251.2	180.9	145.7	110.6	93.0	93.0	90.5	85.4	82.9
59°	366.8	331.6	231.1	163.3	133.1	95.5	82.9	85.4	82.9	77.9	75.4
60°	349.2	316.5	216.0	150.7	125.7	87.9	75.4	80.4	77.9	72.8	70.3
62.5°	309.0	286.5	185.9	125.7	110.6	70.3	62.8	67.8	67.8	65.3	62.8
65°	271.4	246.2	158.3	105.5	103.0	60.3	50.2	60.3	62.8	57.8	52.7
67.5°	236.1	211.1	138.1	85.4	95.5	47.7	37.7	50.2	67.8	52.7	47.7
70°	201.0	175.9	108.1	67.8	100.5	32.7	30.2	45.2	80.4	57.8	45.2
72.5°	155.8	135.6	75.4	50.2	108.1	22.6	22.6	37.7	90.5	62.8	42.8
75°	108.1	87.9	45.2	30.2	87.9	15.1	15.1	35.2	85.4	57.8	40.2
77.5°	62.8	47.7	15.1	2.5	45.2	0.0	2.5	25.2	60.3	35.2	17.6
80°	22.6	10.1	0.0	0.0	27.7	0.0	0.0	0.0	5.0	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





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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7
2.5°	14660.2	14999.4	15303.5	15763.2	16308.4	16936.6	17476.7	18057.1	18602.3	18828.4	18984.2
5°	11233.3	11652.8	12142.7	12818.6	13718.1	14826.0	15863.7	17037.0	18298.3	18929.0	19521.9
7.5°	7941.9	8369.0	8977.0	9695.6	10783.5	12102.6	13459.3	15079.8	16788.3	17785.8	18768.1
10°	5710.9	6236.0	6803.7	7786.2	8891.6	10142.8	11539.7	13348.7	15253.2	16358.6	17542.1
12.5°	3886.8	4484.7	5344.0	6444.4	7743.4	8969.5	10183.0	11909.1	14120.0	15215.5	16484.3
15°	2331.6	2663.2	3572.8	4846.6	6439.4	7967.1	9296.1	11027.2	13383.9	14725.5	16044.6
17.5°	1437.1	1590.4	2085.4	3130.6	4803.8	6735.9	8557.5	10728.3	13489.5	15122.6	16534.5
20°	1145.7	1206.0	1364.3	1849.2	3183.3	5379.2	7725.8	10667.9	14351.2	16361.1	17876.2
22.5°	994.9	1052.7	1158.3	1344.1	2002.5	4027.5	6937.0	10723.2	15587.3	18217.9	19986.6
25°	876.9	927.1	1027.6	1180.8	1467.3	2836.6	6092.7	10969.4	17197.9	20521.8	22401.1
27.5°	783.9	826.6	919.5	1060.3	1258.7	1979.8	5135.4	11268.4	19107.3	22878.5	24732.7
30°	698.5	736.1	819.1	949.7	1092.9	1522.5	4085.3	11471.9	21019.3	24732.7	26398.5
32.5°	625.6	653.2	728.7	839.1	949.7	1213.5	3105.4	11439.2	22438.8	26275.3	27596.9
35°	550.3	577.8	643.2	738.6	826.6	1002.4	2442.1	10828.7	23674.9	27875.8	28968.7
37.5°	467.4	502.5	565.3	650.7	711.1	881.9	1974.8	10092.6	24928.7	29704.9	30498.8
40°	396.9	432.1	487.4	580.4	618.1	836.6	1517.5	9195.6	26338.2	31750.0	32177.1
42.5°	329.1	361.8	419.6	500.0	582.9	721.1	1123.1	8170.5	27692.4	33498.7	33707.2
45°	266.3	299.0	359.3	439.7	623.1	598.0	869.3	7072.6	28785.3	34953.4	35021.3
47.5°	211.1	241.2	304.0	414.5	580.4	477.3	620.6	6210.8	29702.4	36089.1	35910.7
50°	163.3	188.5	253.8	474.8	507.5	394.4	469.9	5924.4	30523.9	36792.5	36330.3
52.5°	128.2	150.7	208.6	444.7	394.4	326.6	394.4	6193.2	31649.5	37375.5	36566.4
55°	103.0	125.7	163.3	253.8	268.8	276.4	336.7	6444.4	33591.6	38742.2	37960.8
57.5°	85.4	108.1	133.1	178.4	203.5	233.6	299.0	6472.1	35880.5	41013.4	40274.8
59°	77.9	98.0	120.6	158.3	178.4	213.6	281.4	6321.4	36687.0	41840.1	41470.7
60°	72.8	93.0	113.1	145.7	165.8	201.0	271.4	6178.1	36722.2	41809.9	41980.8
62.5°	62.8	82.9	100.5	123.2	140.7	170.8	243.7	5648.1	35234.8	40440.6	41674.3
65°	55.2	72.8	90.5	105.5	120.6	153.2	221.1	4680.7	32694.7	38232.2	39576.3
67.5°	50.2	62.8	82.9	93.0	108.1	135.6	196.0	3336.5	29521.5	35531.3	36403.1
70°	45.2	60.3	75.4	85.4	98.0	118.1	168.3	1917.0	24928.7	31576.7	32197.3
72.5°	42.8	57.8	67.8	80.4	87.9	105.5	153.2	902.0	18253.0	25295.5	26916.0
75°	37.7	52.7	62.8	75.4	82.9	95.5	130.6	432.1	12140.2	18305.8	20147.4
77.5°	22.6	42.8	57.8	67.8	72.8	82.9	108.1	248.7	7748.4	12670.4	14924.0
80°	0.0	15.1	42.8	57.8	62.8	70.3	82.9	196.0	4145.6	7238.4	8688.1
82.5°	0.0	0.0	30.2	45.2	42.8	47.7	62.8	123.2	1869.2	4731.0	5331.4
85°	0.0	0.0	10.1	35.2	30.2	22.6	42.8	42.8	409.5	2394.4	2987.3
87.5°	0.0	0.0	0.0	2.5	15.1	10.1	17.6	5.0	2.5	178.4	723.6
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: P382696

CATALOG NUMBER: GLEON-SA0D-735-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7	17275.7
2.5°	19529.4	19715.3	20029.4	20177.6	20104.8	19795.7	19426.4	19049.5	18828.4	18916.4
5°	20730.4	21687.6	22240.3	22423.7	22117.3	21423.8	20516.8	19320.9	18896.3	18780.7
7.5°	20730.4	22531.8	23672.5	23873.4	23190.0	21830.8	20129.9	18263.1	17642.5	17416.4
10°	20001.7	22453.9	24044.3	24363.3	23408.7	21376.0	19097.3	16966.6	16230.5	15996.9
12.5°	19180.2	21820.8	23496.6	23936.2	23152.4	20923.8	18381.2	16089.8	15223.0	15019.5
15°	18675.1	21041.9	22428.8	22747.8	22416.2	20660.0	18210.4	15826.0	14805.9	14610.0
17.5°	18856.0	20438.9	20938.9	21124.8	21348.4	20567.1	18675.1	16403.9	15112.5	14926.6
20°	19536.9	19803.2	19544.4	19778.2	20381.1	20657.4	19783.2	17800.8	16250.7	16001.8
22.5°	20692.7	19474.1	18748.0	18841.0	19574.6	20956.5	21476.6	19795.7	18006.8	17695.3
25°	22039.3	19740.4	18305.8	18222.9	18976.6	21350.9	23024.2	21966.5	20084.6	19740.4
27.5°	23732.8	20338.4	18215.4	18132.5	18768.1	21720.2	24310.6	24112.1	22273.0	21685.1
30°	25039.3	20926.3	18484.2	18293.3	18976.6	21976.5	25343.2	25933.6	24016.7	23627.2
32.5°	25976.4	21619.7	18921.4	18645.0	19564.5	22418.7	26139.7	27601.9	25629.7	25039.3
35°	26690.0	22373.5	19627.3	19172.6	20373.6	23089.5	26885.9	29378.2	27345.7	26699.9
37.5°	27358.2	23431.2	20730.4	20187.7	21642.4	24169.9	27674.8	31393.2	29265.2	28493.9
40°	28290.4	24629.7	22431.3	21948.8	23775.4	25642.2	28659.7	33493.7	31448.5	30478.7
42.5°	29222.5	25916.0	24172.4	24303.1	26436.1	27431.1	29931.0	35714.7	33604.2	32569.0
45°	30074.2	27242.6	26652.2	27255.2	28905.9	29393.3	31194.7	36998.6	35325.2	34325.3
47.5°	30832.9	28900.9	29116.9	30722.4	31714.8	31169.7	32139.4	38106.5	36606.7	35724.8
50°	31714.8	31046.5	32365.6	34636.8	34948.4	32777.6	32998.7	39418.1	38104.0	37395.5
52.5°	32679.6	33307.8	35963.4	37965.9	37865.4	34523.8	33863.0	40887.9	40156.7	39490.9
55°	33775.0	35134.3	39131.6	41081.3	40995.9	36473.4	35295.1	42704.4	42729.5	42126.5
57.5°	35400.7	36707.1	41282.3	43601.3	43744.5	38724.6	37722.2	44739.4	45056.1	44654.0
59°	36566.4	37727.2	42134.0	44654.0	45236.9	40465.8	39495.9	45920.4	45711.8	45344.9
60°	37430.7	38375.4	42556.2	45204.3	46103.7	41646.6	40805.0	46613.7	45789.7	45344.9
62.5°	39568.8	39787.4	43317.4	45827.4	47101.2	44269.7	44488.2	47794.6	45249.5	44523.4
65°	40566.3	40679.3	43307.4	44711.9	46136.4	46312.3	47829.8	47829.8	43930.5	42815.0
67.5°	40149.1	39604.0	41159.2	41013.4	42435.5	45098.7	49086.0	46076.1	41407.9	39965.8
70°	36757.4	34659.4	33968.5	34031.3	35119.3	39227.1	46598.7	40915.5	36634.2	34948.4
72.5°	30584.2	25551.8	23845.8	25793.0	26076.9	30147.0	39712.1	30812.9	27016.6	25436.2
75°	24599.6	18011.8	15238.1	17293.2	17775.7	22061.9	30719.9	19190.2	15780.8	14549.7
77.5°	17672.7	12929.1	10934.2	10791.0	11414.2	13991.9	21798.1	9657.9	8055.0	7517.3
80°	10039.8	8509.7	9163.0	8645.4	8959.4	8748.4	10356.4	4236.0	3469.7	3243.6
82.5°	6060.1	5030.0	5447.0	4535.0	5738.4	4997.3	3989.8	1356.7	1178.3	1120.6
85°	3942.0	2748.6	1432.1	959.8	1977.3	3193.3	892.0	369.4	283.9	226.1
87.5°	1359.2	701.0	70.3	30.2	211.1	595.4	32.7	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)