

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P643214

Luminaire Tested: GWS-SA6E-740-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643214
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SAGE-740-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35023.5 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

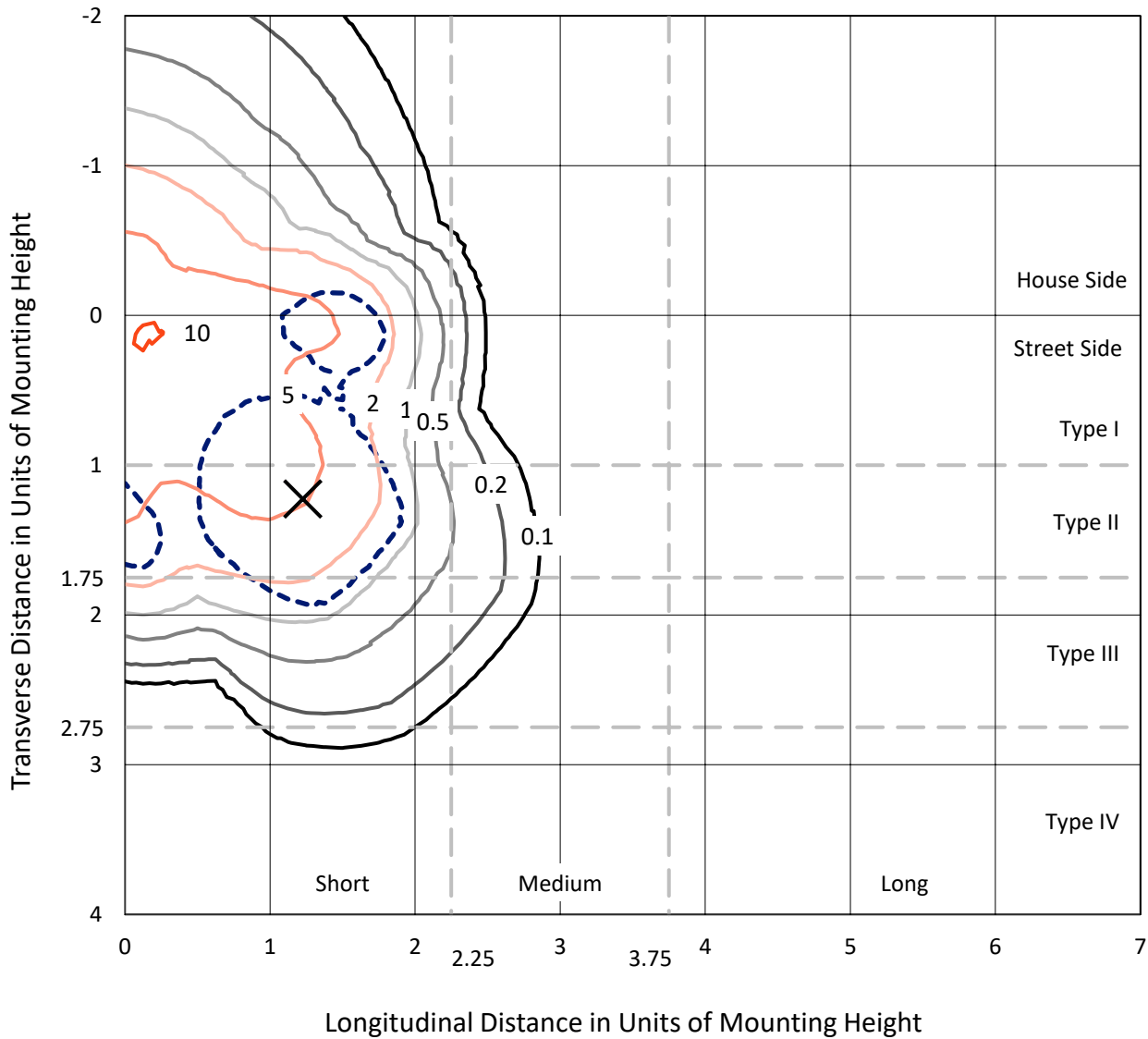
Input Watts (W): 323.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

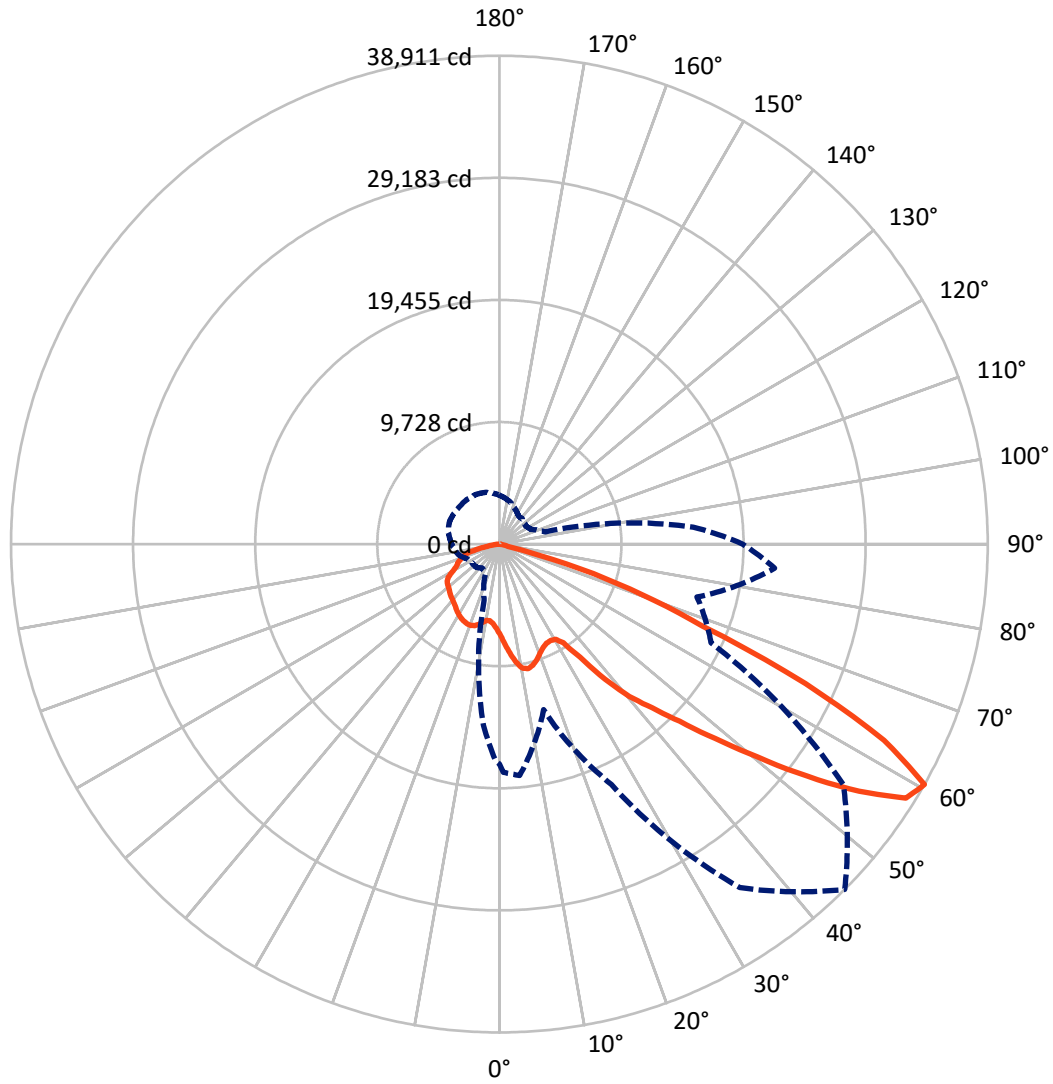
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12277.0	0.0	12277.0
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	22746.5	0.0	22746.5
	% Fixture	64.9	0.0	64.9
Total	Lumens	35023.5	0.0	35023.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	702.0	2.0
10°-20°	2218.2	6.3
20°-30°	3603.3	10.3
30°-40°	5081.7	14.5
40°-50°	7022.8	20.1
50°-60°	9040.4	25.8
60°-70°	5728.1	16.4
70°-80°	1469.8	4.2
80°-90°	157.2	0.4
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°	35023.5	100.0
0°-180°	35023.5	100.0

Coefficient of Utilization



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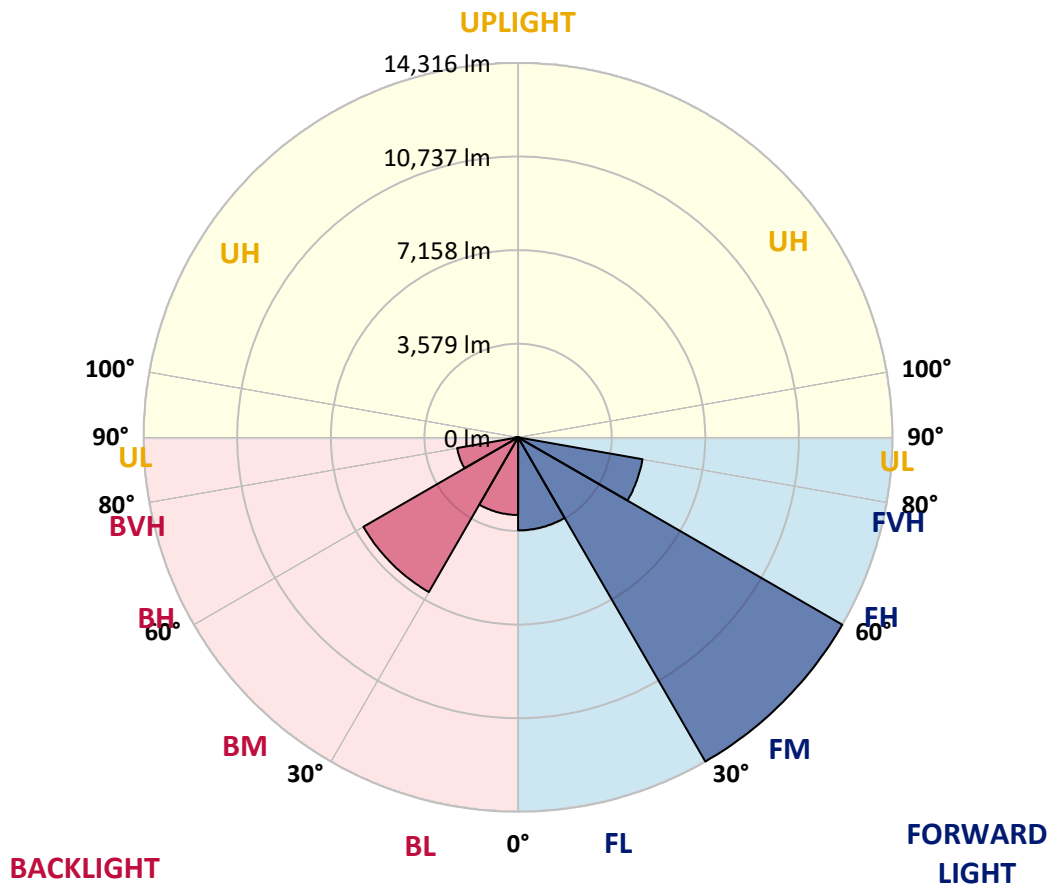
CATALOG NUMBER: GWS-SA6E-740-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3556.2	10.2			
FM (30°-60°)	14315.6	40.9			
FH (60°-80°)	4832.0	13.8			G2/5000
FVH (80°-90°)	42.7	0.1			G1/100
BL (0°-30°)	2967.3	8.5	B4/5000		
BM (30°-60°)	6829.3	19.5	B4/8500		
BH (60°-80°)	2365.9	6.8	B3/2500		G3/2500
BVH (80°-90°)	114.5	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9
2.5°	7525.4	7576.7	7608.8	7669.8	7778.9	7839.9	7907.3	7833.5	7852.7	7843.1	7724.4
5°	7971.5	8032.4	8115.9	8295.6	8497.8	8610.1	8716.0	8699.9	8600.4	8433.6	8314.8
7.5°	8388.6	8459.2	8603.7	8895.7	9194.1	9367.4	9495.8	9412.4	9328.9	9065.8	8767.3
10°	8716.0	8757.7	8953.5	9345.0	9691.6	9887.3	10044.6	10025.3	9909.8	9614.5	9213.4
12.5°	9024.1	9052.9	9264.7	9656.3	9967.5	10054.2	10182.5	10224.3	10185.8	9964.3	9569.6
15°	9354.6	9409.1	9604.9	9903.4	10044.6	9954.7	9999.6	10115.2	10224.3	10224.3	9861.6
17.5°	9662.7	9710.8	9909.8	10038.1	9903.4	9665.9	9678.7	9826.3	10086.3	10359.0	10128.0
20°	9935.4	9980.4	10176.1	10054.2	9627.4	9280.8	9271.2	9450.9	9871.3	10445.7	10413.6
22.5°	10233.9	10298.1	10461.7	10067.0	9370.6	8931.0	8927.8	9113.9	9681.9	10532.3	10740.9
25°	10657.5	10757.0	10840.4	10179.3	9232.6	8703.1	8744.9	8921.4	9621.0	10673.5	11225.5
27.5°	11286.5	11366.7	11360.3	10413.6	9226.2	8610.1	8696.7	8902.1	9730.1	10923.9	11735.8
30°	11966.8	12008.5	11941.1	10740.9	9373.8	8667.8	8796.2	9040.1	10006.0	11337.8	12486.7
32.5°	12721.0	12772.3	12643.9	11231.9	9717.2	9094.7	9377.1	9495.8	10394.3	11934.7	13282.6
35°	13587.4	13686.9	13420.6	11880.2	10728.1	10651.1	11061.8	10907.8	11219.1	12640.7	14133.0
37.5°	14498.8	14502.0	14120.1	12839.7	12711.3	12842.9	13664.4	13183.1	12968.1	13427.0	14999.4
40°	15272.2	15253.0	14665.7	14133.0	14437.8	14960.9	15952.5	15214.5	14649.6	14482.8	15718.3
42.5°	16045.6	15975.0	15381.3	14954.5	15628.4	16703.5	17823.5	16918.5	15727.9	15442.3	16427.5
45°	17034.0	17011.6	16295.9	15281.8	16703.5	18654.6	20140.5	18673.9	16366.5	16000.7	17608.5
47.5°	18629.0	18519.8	17188.1	15256.2	17711.1	21254.0	23131.4	20885.0	16812.6	16013.5	19514.7
50°	20188.6	20053.8	18253.5	15253.0	18750.9	23949.7	26661.4	23571.0	17268.3	16090.5	21453.0
52.5°	21764.3	21764.3	20002.5	15615.6	19842.0	26959.8	30740.2	26918.1	18044.9	17098.2	23837.4
55°	22701.3	22951.6	21969.7	16228.5	21119.2	30502.7	34774.1	30531.6	19245.1	18917.8	26038.8
57.5°	21510.8	21979.3	21838.1	15801.7	21873.4	33105.3	38195.0	33272.2	19838.8	19132.8	25708.3
60°	17528.2	18179.7	18503.8	13645.2	21128.9	33407.0	38910.6	33451.9	18612.9	16292.7	22021.0
62.5°	11652.3	12188.2	12682.5	9749.3	18292.0	30053.4	34414.6	30063.1	15545.0	12159.4	15256.2
65°	5715.4	6113.4	6646.1	5763.6	14290.2	25111.4	26831.5	24293.1	11244.8	6806.5	7782.1
67.5°	1495.5	1607.8	1681.6	2236.8	10237.1	18041.7	17499.3	17768.9	7223.7	2223.9	2034.6
70°	776.6	783.0	779.8	924.2	6918.9	11466.2	12059.9	11158.1	5041.5	930.6	802.3
72.5°	555.2	558.4	548.8	622.6	3340.7	6569.1	6806.5	6732.7	2641.1	552.0	548.8
75°	362.6	365.8	359.4	365.8	503.8	747.7	690.0	725.3	439.6	349.8	349.8
77.5°	215.0	218.2	215.0	221.4	215.0	215.0	199.0	199.0	189.3	189.3	192.5
80°	144.4	144.4	141.2	147.6	134.8	134.8	128.4	125.2	115.5	112.3	112.3
82.5°	86.6	89.9	86.6	86.6	80.2	80.2	73.8	70.6	61.0	61.0	57.8
85°	44.9	44.9	41.7	41.7	35.3	32.1	25.7	25.7	19.3	16.0	16.0
87.5°	6.4	6.4	3.2	3.2	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°	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9
2.5°	7692.3	7628.1	7531.8	7438.7	7352.1	7262.2	7159.6	7053.7	6963.8	6870.7	6822.6
5°	8157.6	8026.0	7775.7	7554.3	7355.3	7191.6	7015.1	6864.3	6723.1	6607.6	6549.8
7.5°	8578.0	8372.6	7993.9	7644.1	7374.6	7149.9	6906.0	6681.4	6492.1	6350.9	6296.3
10°	8966.3	8722.4	8225.0	7782.1	7467.6	7217.3	6918.9	6614.0	6363.7	6177.6	6132.6
12.5°	9280.8	9001.6	8407.9	7894.4	7522.2	7252.6	6989.5	6726.3	6479.2	6238.5	6200.0
15°	9560.0	9229.4	8545.9	7965.0	7502.9	7159.6	6938.1	6906.0	6906.0	6633.3	6556.2
17.5°	9800.7	9438.0	8658.2	7997.1	7381.0	6883.6	6748.8	7028.0	7342.5	7146.7	6973.4
20°	10076.6	9637.0	8751.3	7997.1	7156.3	6533.8	6520.9	6995.9	7461.2	7464.4	7281.5
22.5°	10355.8	9868.1	8860.4	7968.3	6848.3	6129.4	6366.9	6867.5	7281.5	7458.0	7332.8
25°	10808.3	10189.0	9033.7	7945.8	6488.8	5853.4	6228.9	6697.4	7047.2	7233.4	7153.1
27.5°	11382.8	10612.6	9296.8	7981.1	6132.6	5689.8	6081.3	6476.0	6793.7	6957.4	6899.6
30°	12024.6	11100.4	9579.2	8042.1	5875.9	5606.3	5904.8	6222.5	6504.9	6668.6	6642.9
32.5°	12842.9	11629.9	9823.1	7958.6	5731.5	5564.6	5718.7	5946.5	6219.3	6322.0	6344.4
35°	13821.7	12213.9	10009.3	7631.3	5599.9	5519.7	5516.5	5657.7	5850.2	6013.9	6029.9
37.5°	14723.5	12897.5	10214.6	7069.7	5362.4	5407.4	5279.0	5362.4	5551.8	5715.4	5779.6
40°	15615.6	13590.6	10500.2	6354.1	5051.2	5157.1	5006.2	5064.0	5214.8	5429.8	5532.5
42.5°	16482.1	14216.4	10801.9	5622.4	4739.9	4807.3	4694.9	4752.7	4910.0	5179.5	5295.1
45°	17425.5	15063.6	11036.2	4932.4	4470.3	4441.4	4351.6	4435.0	4672.5	4967.7	5105.7
47.5°	19209.8	16398.6	11190.2	4473.5	4325.9	4117.3	4014.6	4194.3	4463.9	4762.3	4929.2
50°	21388.8	18330.5	11145.3	4181.5	4200.7	3783.6	3748.3	3985.7	4274.6	4585.8	4768.8
52.5°	23115.3	20227.1	10635.0	3902.3	3956.8	3571.8	3469.1	3815.6	4091.6	4409.3	4598.7
55°	24434.3	20865.7	9069.0	3571.8	3558.9	3417.7	3202.7	3639.1	3908.7	4204.0	4409.3
57.5°	23359.2	19444.1	6723.1	3116.1	3039.0	3112.8	2904.3	3340.7	3684.1	3976.1	4159.0
60°	19386.3	15503.3	3745.0	2759.8	2541.6	2721.3	2689.2	3026.2	3440.2	3748.3	3905.5
62.5°	13160.6	10323.7	2220.7	2182.2	2060.3	2317.0	2487.1	2708.5	3116.1	3366.4	3514.0
65°	6559.4	5015.9	1476.2	1633.4	1649.5	1906.2	2227.1	2471.0	2811.2	3067.9	3215.5
67.5°	1903.0	1559.6	1123.2	1248.3	1421.6	1627.0	1883.8	2172.6	2503.1	2808.0	2981.3
70°	821.5	831.2	892.1	1039.8	1209.8	1421.6	1678.4	1960.8	2240.0	2474.2	2605.8
72.5°	580.9	603.3	670.7	821.5	982.0	1184.2	1440.9	1713.7	1915.8	2153.3	2291.3
75°	372.3	388.3	442.9	558.4	677.1	872.9	1116.8	1367.1	1575.7	1745.8	1877.3
77.5°	205.4	208.6	253.5	320.9	401.1	526.3	706.0	901.8	1055.8	1152.1	1270.8
80°	118.7	118.7	141.2	182.9	231.1	308.1	407.6	503.8	596.9	657.9	715.6
82.5°	64.2	64.2	73.8	99.5	125.2	170.1	227.8	276.0	333.7	365.8	404.3
85°	19.3	19.3	25.7	35.3	44.9	64.2	89.9	115.5	141.2	163.7	186.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
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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CATALOG NUMBER: GWS-SA6E-740-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9
2.5°	6813.0	6768.0	6742.4	6710.3	6719.9	6691.0	6675.0	6684.6	6626.8	6684.6	6742.4
5°	6527.4	6463.2	6411.8	6370.1	6350.9	6312.3	6289.9	6289.9	6254.6	6312.3	6382.9
7.5°	6277.0	6225.7	6200.0	6174.4	6145.5	6110.2	6071.7	6058.8	6036.4	6097.3	6158.3
10°	6110.2	6116.6	6132.6	6167.9	6161.5	6139.1	6081.3	6049.2	6049.2	6119.8	6212.9
12.5°	6187.2	6254.6	6293.1	6357.3	6370.1	6350.9	6293.1	6267.4	6331.6	6437.5	6591.5
15°	6485.6	6530.6	6562.7	6614.0	6610.8	6594.7	6549.8	6569.1	6780.9	6986.3	7124.3
17.5°	6809.8	6758.4	6752.0	6784.1	6793.7	6774.5	6748.8	6835.4	7185.2	7377.8	7448.4
20°	7044.0	6867.5	6829.0	6841.8	6867.5	6857.9	6857.9	6999.1	7361.7	7451.6	7361.7
22.5°	7114.6	6864.3	6806.5	6809.8	6845.1	6848.3	6864.3	7011.9	7223.7	7226.9	7089.0
25°	7002.3	6761.6	6719.9	6726.3	6768.0	6764.8	6771.2	6854.7	6947.8	6909.2	6806.5
27.5°	6790.5	6581.9	6569.1	6604.4	6658.9	6630.0	6610.8	6633.3	6678.2	6630.0	6540.2
30°	6549.8	6373.3	6379.7	6447.1	6504.9	6456.8	6408.6	6421.5	6424.7	6373.3	6270.6
32.5°	6296.3	6164.7	6187.2	6257.8	6325.2	6273.8	6222.5	6216.1	6155.1	6094.1	5994.6
35°	6042.8	5991.4	6020.3	6078.1	6135.8	6094.1	6062.0	6042.8	5911.2	5821.3	5737.9
37.5°	5811.7	5850.2	5901.6	5936.9	5956.1	5952.9	5933.7	5888.7	5715.4	5609.5	5500.4
40°	5606.3	5725.1	5779.6	5795.7	5824.6	5818.1	5814.9	5750.7	5522.9	5410.6	5285.4
42.5°	5420.2	5587.1	5680.1	5696.2	5712.2	5715.4	5705.8	5612.8	5352.8	5221.2	5102.5
45°	5240.5	5458.7	5577.5	5561.4	5583.9	5583.9	5593.5	5471.6	5185.9	5051.2	4926.0
47.5°	5083.3	5340.0	5449.1	5429.8	5442.7	5452.3	5461.9	5320.7	5003.0	4874.7	4746.3
50°	4938.8	5211.6	5304.7	5311.1	5311.1	5333.6	5330.4	5192.4	4849.0	4711.0	4582.6
52.5°	4784.8	5080.0	5179.5	5221.2	5234.1	5243.7	5198.8	5038.3	4691.7	4524.9	4406.1
55°	4605.1	4945.3	5035.1	5089.7	5115.3	5108.9	5048.0	4884.3	4531.3	4364.4	4229.6
57.5°	4332.3	4656.4	4784.8	4810.5	4852.2	4826.5	4755.9	4617.9	4274.6	4107.7	3969.7
60°	4033.9	4268.1	4370.8	4393.3	4361.2	4370.8	4361.2	4229.6	3931.2	3799.6	3658.4
62.5°	3642.4	3850.9	3960.1	3988.9	3934.4	3969.7	3956.8	3793.2	3494.7	3356.7	3231.6
65°	3347.1	3575.0	3703.3	3719.4	3703.3	3719.4	3674.4	3475.5	3193.1	3051.9	2923.5
67.5°	3116.1	3350.3	3485.1	3530.0	3514.0	3510.8	3440.2	3209.1	2917.1	2763.1	2599.4
70°	2718.1	2923.5	3096.8	3205.9	3205.9	3144.9	3010.2	2795.1	2560.9	2429.3	2300.9
72.5°	2406.8	2666.8	2836.9	2949.2	2971.6	2936.3	2747.0	2519.2	2249.6	2118.0	1983.2
75°	1983.2	2236.8	2419.7	2567.3	2596.2	2557.7	2339.5	2114.8	1864.5	1736.1	1601.4
77.5°	1325.4	1476.2	1623.8	1758.6	1729.7	1755.4	1607.8	1437.7	1283.6	1187.4	1126.4
80°	747.7	847.2	892.1	965.9	965.9	965.9	869.7	789.4	702.8	648.2	587.3
82.5°	423.6	487.8	507.0	568.0	584.1	587.3	523.1	471.7	417.2	388.3	346.6
85°	195.8	231.1	234.3	269.6	282.4	308.1	279.2	243.9	211.8	199.0	173.3
87.5°	6.4	19.3	25.7	48.1	64.2	73.8	80.2	80.2	67.4	61.0	51.3
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9	7194.9
2.5°	6813.0	6890.0	6979.8	7044.0	7159.6	7255.8	7355.3	7464.4	7544.6	7525.4
5°	6469.6	6598.0	6761.6	6912.5	7127.5	7345.7	7586.4	7833.5	7977.9	7971.5
7.5°	6277.0	6460.0	6658.9	6861.1	7114.6	7429.1	7798.2	8183.3	8379.0	8388.6
10°	6379.7	6575.5	6710.3	6880.4	7146.7	7541.4	7984.3	8446.4	8671.0	8716.0
12.5°	6703.9	6687.8	6678.2	6800.1	7121.0	7621.7	8164.0	8716.0	8969.5	9024.1
15°	7011.9	6681.4	6482.4	6565.9	7005.5	7673.0	8340.5	9011.2	9296.8	9354.6
17.5°	7069.7	6569.1	6200.0	6257.8	6822.6	7689.1	8510.6	9300.0	9608.1	9662.7
20°	6909.2	6424.7	5994.6	5914.4	6591.5	7647.3	8616.5	9540.7	9877.7	9935.4
22.5°	6707.1	6296.3	5840.6	5632.0	6309.1	7605.6	8735.2	9794.2	10182.5	10233.9
25°	6495.3	6132.6	5696.2	5378.5	5988.2	7579.9	8934.2	10128.0	10596.5	10657.5
27.5°	6270.6	5933.7	5571.0	5256.5	5693.0	7612.0	9216.6	10667.1	11199.8	11286.5
30°	6029.9	5734.7	5490.8	5214.8	5490.8	7640.9	9527.9	11219.1	11844.9	11966.8
32.5°	5779.6	5551.8	5407.4	5234.1	5365.7	7573.5	9800.7	11838.5	12615.1	12721.0
35°	5529.3	5365.7	5301.5	5269.4	5198.8	7326.4	10022.1	12464.2	13494.4	13587.4
37.5°	5295.1	5173.1	5153.9	5189.2	4942.0	6922.1	10278.8	13260.1	14357.6	14498.8
40°	5076.8	4964.5	4961.3	4954.9	4659.6	6370.1	10625.4	14068.8	15208.0	15272.2
42.5°	4874.7	4733.5	4759.1	4682.1	4428.6	5773.2	10952.7	14758.8	16000.7	16045.6
45°	4694.9	4508.8	4537.7	4441.4	4319.5	5147.4	11241.6	15573.9	17005.1	17034.0
47.5°	4521.7	4322.7	4242.5	4236.0	4300.2	4569.8	11524.0	17143.1	18577.6	18629.0
50°	4361.2	4146.2	3918.3	4059.5	4181.5	4136.6	11877.0	18824.7	20201.4	20188.6
52.5°	4207.2	3924.8	3600.6	3873.4	3873.4	3815.6	11777.5	19845.2	21542.8	21764.3
55°	4030.7	3568.5	3270.1	3562.1	3420.9	3526.8	10015.7	20179.0	22386.8	22701.3
57.5°	3680.9	3128.9	2869.0	3026.2	2814.4	3270.1	7194.9	18523.1	20952.4	21510.8
60°	3343.9	2804.8	2634.7	2605.8	2329.8	2666.8	4662.9	14502.0	17245.8	17528.2
62.5°	2949.2	2525.6	2381.2	2159.7	1874.1	1941.5	2824.0	9543.9	11588.1	11652.3
65°	2650.7	2288.1	2012.1	1749.0	1534.0	1408.8	1668.7	4601.9	5792.5	5715.4
67.5°	2275.3	1960.8	1697.6	1508.3	1331.8	1174.5	1110.4	1367.1	1546.8	1495.5
70°	2025.0	1723.3	1469.8	1290.1	1126.4	969.2	856.8	805.5	789.4	776.6
72.5°	1745.8	1482.6	1219.5	1046.2	892.1	747.7	645.0	584.1	568.0	555.2
75°	1392.8	1145.7	905.0	741.3	606.5	503.8	436.4	385.1	375.5	362.6
77.5°	921.0	734.9	539.1	439.6	359.4	304.9	259.9	227.8	221.4	215.0
80°	507.0	423.6	330.5	266.4	215.0	186.1	170.1	150.8	147.6	144.4
82.5°	301.7	253.5	189.3	150.8	125.2	112.3	102.7	93.1	89.9	86.6
85°	150.8	118.7	83.4	70.6	64.2	57.8	57.8	48.1	44.9	44.9
87.5°	38.5	32.1	19.3	16.0	16.0	16.0	12.8	9.6	9.6	6.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)