

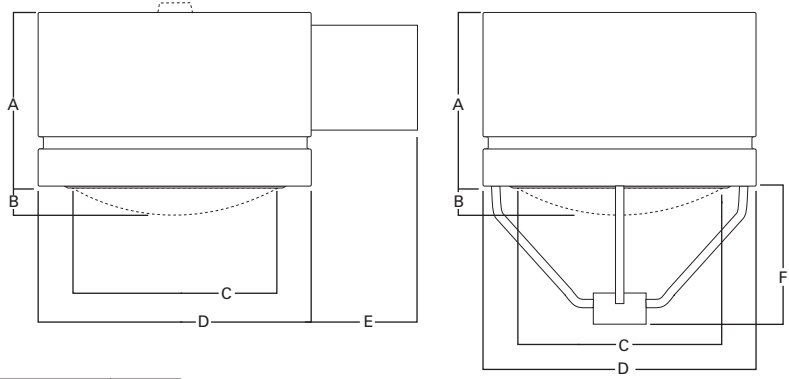
GS/GM/GL GALLERIA SQUARE

ARCHITECTURAL AREA LUMINAIRE

100-1000W
MH/HPS/SMH



STREETWORKS™



DARK SKY COMPLIANT **FCO**
Full Cutoff

NOTE: In all flat glass configurations only.

NOTE: Top cap used on GM with 1000W flat glass vertically lamped optics only.

Fixture	A	B	C	D	E	F
GS (in.)	9 1/4	1 1/2	12 7/8	15 5/8	6 or 9	3 1/4
(mm)	235	38	327	397	152 or 229	337
GM (in.)	11	3 1/2	19 1/4	21 3/4	6 or 14	15 or 16
(mm)	279	89	480	552	152 or 356	381 or 406
GL (in.)	14 1/2	4 1/4	25 7/8	27	6 or 14	18 3/4 or 19 3/4
(mm)	368	108	657	686	152 or 356	476 or 502

HOUSING

Formed aluminum housing with stamped reveal has interior-welded seams for structural integrity. Optional NEMA twistlock photocontrol. ANSI wattage/source label.

BALLAST

Ballast is hard-mounted to housing interior for cooler operation. Optional removable ballast tray.

REFLECTOR

Spun and stamped aluminum reflector in vertical lamp units, or hydroformed anodized aluminum reflector in horizontal lamp units.

DOOR

Formed aluminum door has heavy-duty hinges, captive retaining screws and is finished in polyester powder coat. (Spider mount unit has steel door.)

LENS

Convex tempered glass lens. Tempered flat glass available.

FINISH

Standard polyester powder coat finish in bronze. For more color options see optional colors or consult your Streetworks representative for more information.

ORDERING INFORMATION

SAMPLE NUMBER: GMA25SWWAR

PRODUCT FAMILY GS=Galleria Square Small GM=Galleria Square Medium GL=Galleria Square Large	MOUNTING METHOD A=Arm Mount ¹ B=Spider Mount (2 3/8" - 3" O.D. Tenon) C=Spider Mount (3 1/2" O.D. Tenon) ²	LAMP WATTAGE ³ 10=100W 15=150W 17=175W 25=250W 40=400W 75=750W ⁴ 91=1000W ⁵	LAMP TYPE ⁶ S=High Pressure Sodium M=Metal Halide R=SMH	BALLAST TYPE ⁶ P=Hi. React./HPF H=React./HPF N=Hi. React./NPF R=React./NPF W=CWA K=10KV CWA C=CWI M=Mag. Reg.	VOLTAGE ⁶ 2=120V 0=208V 4=240V 7=277V 8=480V 9=347V W=Multi-Tap wired 120V N=Multi-Tap wired 277V V=Multi-Tap wired 240V	DISTRIBUTION 1D=Type I MCO (Horizontal) 2D=Type II MCO (Horizontal) 2S=Type II Segmented (Horizontal) ^{7,8} 3D=Type III MCO (Horizontal) 3S=Type III Segmented (Horizontal) ^{7,8} 3V=Type III (Vertical) ⁹ 4S=Type IV Segmented (Horizontal) ^{7,8} 5S=Type V Segmented (Horizontal) ^{7,8} FT=Forward Throw (Horizontal) AR=Area Round (Vertical) AS=Area Square (Vertical) RW=Rectangular Wide (Vertical) SL=Spill Light Eliminator (Horizontal) ¹⁰	OPTIONS + ACCESSORIES (See Below)
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OPTIONS + ACCESSORIES [Must be listed in the order shown and separated by a dash]

<p>OPTIONS (add as suffix)</p> <p>1=Single Fuse, Internally Mounted (120 or 277V)</p> <p>2=Double Fuse, Internally Mounted (208, 240, or 480V)</p> <p>4=Photocontrol Receptacle</p> <p>WH=White BK=Black AP=Grey</p> <p>B=House Side Shield H=Plug-in Starter Receptacle⁸ T=Removable Ballast Tray F=Flat Glass</p> <p>AIR=Arm Included for Round Pole¹¹ AIS=Arm Included for Square Pole¹¹ CSR=Color Reveal Stripe—Red CSB=Color Reveal Stripe—Blue CSY=Color Reveal Stripe—Yellow CSG=Color Reveal Stripe—Green CSD=Color Reveal Stripe—Gold CSS=Color Reveal Stripe—Silver CSW=Color Reveal Stripe—White</p>	<p>ACCESSORIES (order separately)</p> <p>MA1004=14" Arm for Square Pole (GM & GL only)¹²</p> <p>MA1005=6" Arm for Square Pole (GM & GL only)</p> <p>MA1006=Direct Mount Kit for Square Pole</p> <p>MA1007=14" Arm for Round Pole (GM & GL only)¹²</p> <p>MA1008=6" Arm for Round Pole (GM & GL only)</p> <p>MA1009=Direct Mount Kit for Round Pole</p> <p>MA1021=6" Arm for Square Pole (GS Only)</p> <p>MA1022=6" Arm for Round Pole (GS Only)</p> <p>MA1023=9" Arm for Square Pole (GS Only)¹²</p> <p>MA1024=9" Arm for Round Pole (GS Only)¹²</p> <p>MA1029=Wall Bracket</p>	<p>MA1060=House Side Shield for GS (Field Installed)¹³</p> <p>MA1061=House Side Shield for GM (Field Installed)¹³</p> <p>MA1062=House Side Shield for GL (Field Installed)¹³</p> <p>OA1066=Pipe Adapter</p> <p>OA1209=TufGuard Vandal Shield for GS</p> <p>OA1210=TufGuard Vandal Shield for GM</p> <p>GSM-EXTHS-XX=Medium External House Side Shield (Specify Color)</p> <p>GSL-EXTHS-XX=Large External House Side Shield (Specify Color)</p>
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OPTIONAL COLORS [Standard color is bronze, other finish colors available. Consult your Cooper Lighting representative]

		
WH White	BK Black	AP Grey

WATTAGES

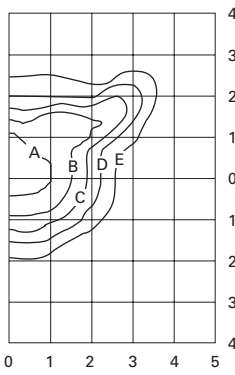
- GS 100-175
- GM 175-1000
- GL 400-1000

SHIPPING DATA

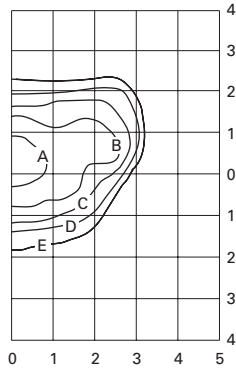
- Approximate Net Weight:
- GS 36 lbs. (16 kgs.)
 - GM 79 lbs. (36 kgs.)
 - GL 88 lbs. (40 kgs.)

NOTES: 1 Arm not included. See Accessories. 2 Available on GL housing only. 3 Medium-based lamp for GS housing. Mogul-base on GM and GL housings. 4 Pulse Start Metal Halide vertical mount only. 5 1000W GM with flat-glass requires BT-37 lamp and is not available in RW distribution. 6 Refer to technical section for lamp/ballast/voltage compatibility. 7 Requires reduced envelope lamps, not available in GL housing. 8 Not available in 1000W. 9 Not available in GS housing. 10 Not available in 1000 Watt HPS. 11 Arm length varies based on housing size. Arm supplied with luminaire: 9" for GS (EPA 0.5), 11 1/2" for GM (EPA 0.62) and 14" for GL (EPA 1.0). 12 Required for mounting fixtures at 90° increments. 13 Compatible with sag lens vertical optics only.

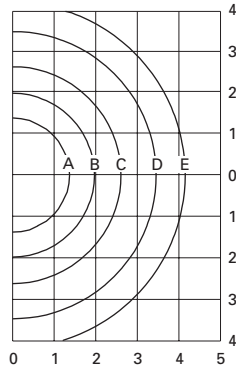
PHOTOMETRICS [Complete IES files available at www.cooperlighting.com]



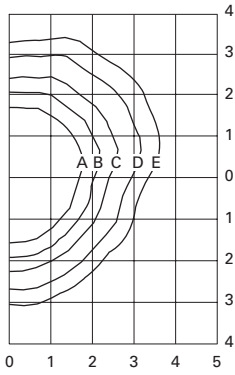
GSA17M3DF.IES
175-Watt MH
14,000-Lumen Clear Lamp
Type III Flat Glass



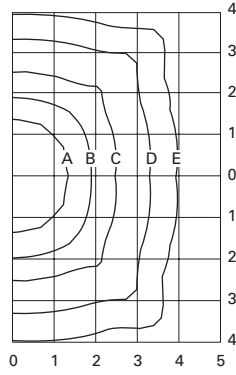
GMA40S3DF.IES
400-Watt HPS
50,000-Lumen Clear Lamp
Type III Flat Glass



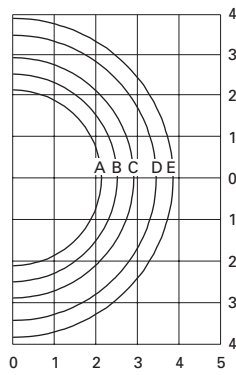
GMA91MARS.IES
1000-Watt MH
110,000-Lumen Clear Lamp
Area Round Sag Glass



GMA91M3VF.IES
1000-Watt MH
110,000-Lumen Clear Lamp
Type III Vertical Flat Glass



GMA91MASS.IES
1000-Watt MH
110,000-Lumen Clear Lamp
Area Square Sag Glass



GMA91MARF.IES
1000-Watt MH
110,000-Lumen Clear Lamp
Area Round Flat Glass

FOOTCANDLE TABLE

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
GSA17M3DF.IES					
10'	11.25	4.50	2.25	1.16	0.45
15'	5.00	2.00	1.00	0.50	0.25
20'	2.80	1.12	0.56	0.28	0.19
GMA40S3DF.IES					
30'	2.00	1.00	0.50	0.25	0.10
35'	1.46	0.73	0.37	0.18	0.07
40'	1.12	0.56	0.28	0.14	0.06

GMA91MARS.IES

30'	3.50	2.00	1.00	0.50	0.20
35'	2.60	0.73	0.37	0.18	0.07
40'	2.00	1.00	0.50	0.20	0.10

FOOTCANDLE TABLE

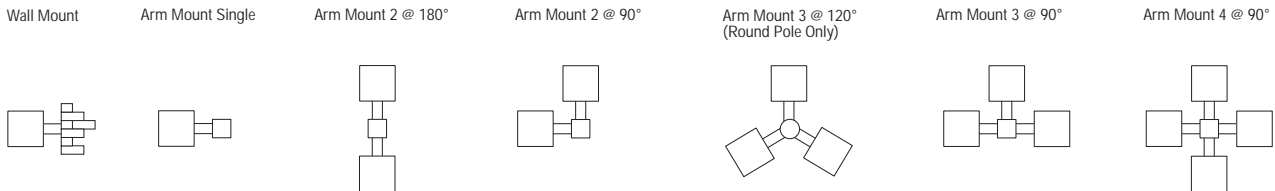
Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
GMA91M3VF.IES / GMA91MASS.IES					
30'	3.50	2.00	1.00	0.50	0.20
35'	2.60	0.73	0.37	0.18	0.07
40'	2.00	1.00	0.50	0.20	0.10

GMA91MARF.IES

30'	2.00	1.00	0.50	0.25	0.10
35'	1.46	0.73	0.37	0.18	0.07
40'	1.12	0.56	0.28	0.14	0.06

MOUNTING CONFIGURATIONS

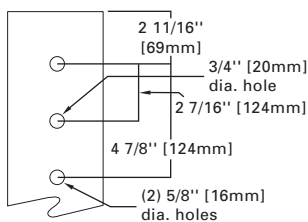


E.P.A. TABLE	DRILL PATTERN	SINGLE					
		[W/Arm where applicable]	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
GSA [Arm Mount]	"M"	1.7	3.4	3.4	4.6	4.6	5.2
GMB [Spider Mount]	2 3/8" or 3"	1.04	n/a	n/a	n/a	n/a	n/a
GMA [Arm Mount]	"M" 1	2.9	5.8	6.8	9.2	9.2	10.4
GMB [Spider Mount]	3"	2.22	n/a	n/a	n/a	n/a	n/a
GLA [Arm Mount]	"M" 1	4.4	8.8	9.8	13.7	13.7	15.6
GLC [Spider Mount]	3" or 3 1/2"	3.7	n/a	n/a	n/a	n/a	n/a

NOTE: 1 Assumes 14" arm for 90° and 120° mounting configurations, 6" for all else.

DRILLING PATTERN

TYPE "M"



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