

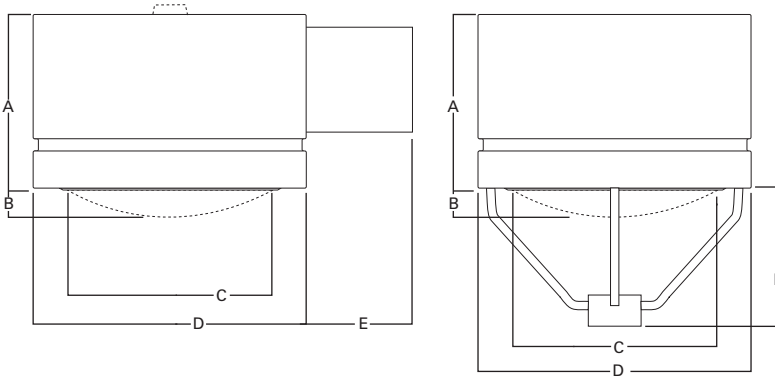
# GS/GM/GL GALLERIA SQUARE

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

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

- OPTIONS** (add as suffix)  
 1=Single Fuse, Internally Mounted (120 or 277V)  
 2=Double Fuse, Internally Mounted (208, 240, or 480V)  
 4=Photocontrol Receptacle  
 WH=White  
 BK=Black  
 AP=Grey  
 B=House Side Shield  
 H=Plug-in Starter Receptacle<sup>8</sup>  
 T=Removable Ballast Tray  
 F=Flat Glass  
 AIR=Arm Included for Round Pole<sup>11</sup>  
 AIS=Arm Included for Square Pole<sup>11</sup>  
 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

- ACCESSORIES** (order separately)  
 MA1004=14" Arm for Square Pole (GM & GL only)<sup>12</sup>  
 MA1005=6" Arm for Square Pole (GM & GL only)  
 MA1006=Direct Mount Kit for Square Pole  
 MA1007=14" Arm for Round Pole (GM & GL only)<sup>12</sup>  
 MA1008=6" Arm for Round Pole (GM & GL only)  
 MA1009=Direct Mount Kit for Round Pole  
 MA1021=6" Arm for Square Pole (GS Only)  
 MA1022=6" Arm for Round Pole (GS Only)  
 MA1023=9" Arm for Square Pole (GS Only)<sup>12</sup>  
 MA1024=9" Arm for Round Pole (GS Only)<sup>12</sup>  
 MA1029=Wall Bracket

- MA1060=House Side Shield for GS (Field Installed)<sup>13</sup>  
 MA1061=House Side Shield for GM (Field Installed)<sup>13</sup>  
 MA1062=House Side Shield for GL (Field Installed)<sup>13</sup>  
 OA1066=Pipe Adapter  
 OA1209=TufGuard Vandal Shield for GS  
 OA1210=TufGuard Vandal Shield for GM  
 GSM-EXTHS-XX=Medium External House Side Shield (Specify Color)  
 GSL-EXTHS-XX=Large External House Side Shield (Specify Color)

**OPTIONAL COLORS** [Standard color is bronze, other finish colors available. Consult your Cooper Lighting representative]



**WATTAGES**

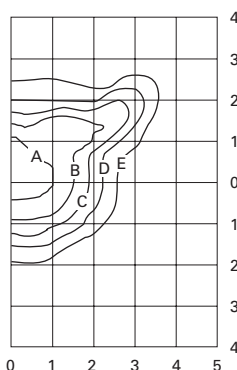
- GS 100-175  
 GM 175-1000  
 GL 400-1000

**SHIPPING DATA**

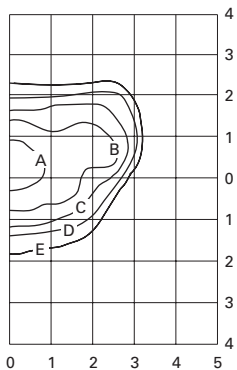
- Approximate Net Weight:  
 GS 36 lbs. (16 kgs.)  
 GM 79 lbs. (36 kgs.)  
 GL 88 lbs. (40 kgs.)

**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.

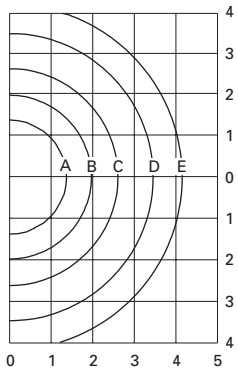
PHOTOMETRICS [Complete IES files available at www.cooperlighting.com]



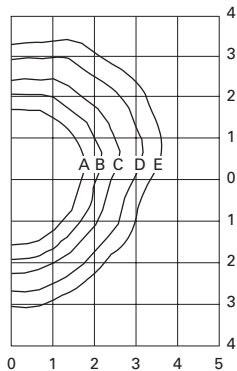
**GSA17M3DF.IES**  
175-Watt MH  
14,000-Lumen Clear Lamp  
Type III Flat Glass



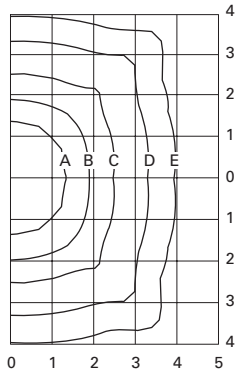
**GMA40S3DF.IES**  
400-Watt HPS  
50,000-Lumen Clear Lamp  
Type III Flat Glass



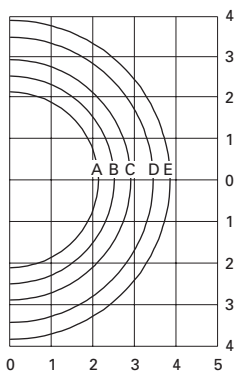
**GMA91MARS.IES**  
1000-Watt MH  
110,000-Lumen Clear Lamp  
Area Round Sag Glass



**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
<b>GSA17M3DF.IES</b>					
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
<b>GMA40S3DF.IES</b>					
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**

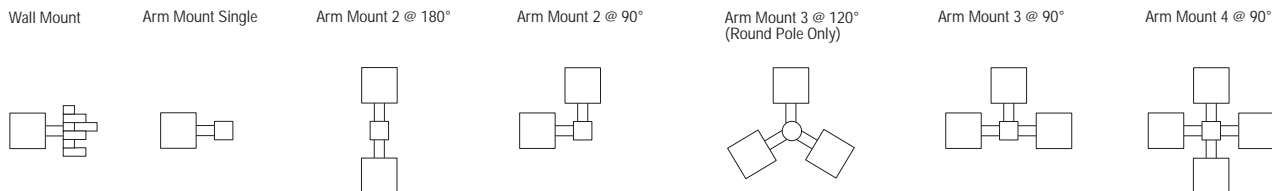
Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
<b>GMA91M3VF.IES / GMA91MASS.IES</b>					
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"

