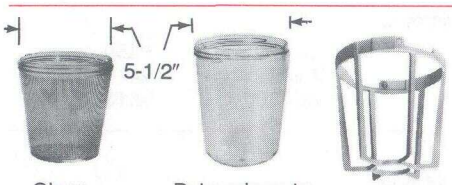
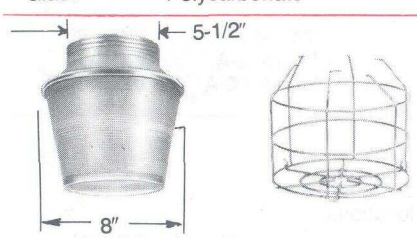
Fixture Units and Accessories for Mercmaster Jr.™ HPS Lighting Fixtures for Medium Base Lamps

Description	ANSI Lamp Watts	Lamp Type	Catalog Number
Fixture Units			
Ballast body with globe (VPGL-1 with 35, 50, 70 and 100W and VPGL-1HR with 150W). Use with Mounting Hoods on page 21D or any V-51 series Mounting Hood. Polyester or porcelain Reflector and Aluminum Guard are available. High power factor (min. P.F. 90%). Ballast provides 120V line operation.	35 50 70 100 150	S76 S68 S62 S54 S55	MUL35-120 MUL50-120 MUL70-120 MUL100-120 MUL150-120
Ballast Bodies			
Use with Mounting Hoods on page 21D or any V-51 series Mounting Hood and with Refractor or Globe listed. Order other accessories below as desired. High power factor (min. P.F. 90%). Ballast provides 120V line operation.	35 50 70 100 150	S76 S68 S62 S54 S55	MBL35-120 MBL50-120 MBL70-120 MBL100-120 MBL150-120

Reflectors—35W-150W❶	Porcelain	Polyester
Standard Dome (porcelain, 16″ dia.; polyester, 16-1/4″ dia.)	LPR-25ST	LPRP-25ST
30° Angle (porcelain, 12″ dia.; polyester, 14-3/8″)	LPR-25AN	LPRP-25AN

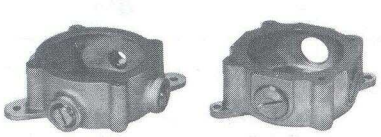


Globes and Guard—35W-150W	Cat. No.
Clear Heat Resistant Prismatic Glass	VPGL-1HR
Polycarbonate (100W lamp max.)❷	VPGL-2PL
Copper-Free Aluminum Guard	VPGU-1

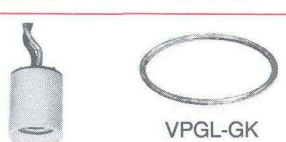


Refractors and Guard—35W-150W Closed Prismatic Glass 8″ Refractors	Cat. No.
NEMA V	LPJR-5CG
NEMA II	LPJR-2CG
Steel Guard for 8″ Refractors	LPBG-8

JBX Cast Conduit Outlet Boxes❸ Aluminum. 1-5/16″ inside depth. Four tapped openings, two close-up plugs and mounting lugs. Use with MJBW Wall Mount Fixture (page 21C) and JB Round Base Mounting Hoods (page 21D).	Size (Inches)	Cat. No.
	1/2	JBX50L-A
	3/4	JBX75L-A



GSU Cast Conduit Outlet Box (Form 20)❹ Malleable iron. 1-3/4″ inside depth. Four 3/4″ hubs with four 3/4″ to 1/2″ reducers, and three 1/2″ close-up plugs. Use with MGSW Wall Mount Fixture (page 21C) and GS Round Base Mounting Hoods (page 21D).		
	1/2 or 3/4	GSU-20
	1	GSU-100



Replacement Socket— 35W-150W	JRS-100
Replacement Globe Gasket— Silcone Rubber— 35W-150W	VPGL-GK

❶ V-51 reflectors cannot be used with Mercmaster Jr. fixtures. ❷ Do not use Polycarbonate Globes in ambients exceeding 25°C. These globes for burning in vertical base-up position only. ❸ Using JBX Box with these fixtures and mounting hoods provides 15/16″ clearance from wall with refractor and 1-5/8″ clearance from wall with globe. ❹ Using GSU Box with these fixtures and mounting hoods provides 1-5/16″ clearance from wall with refractor and 2″ clearance from wall with globe.

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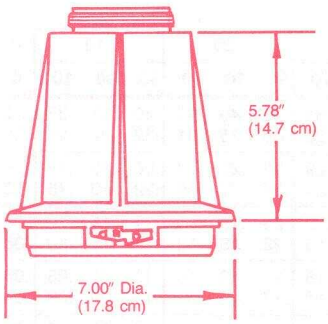
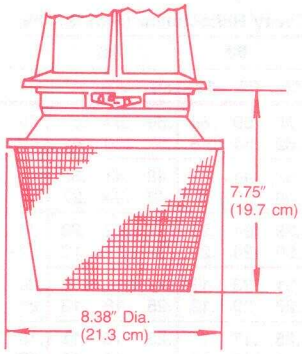
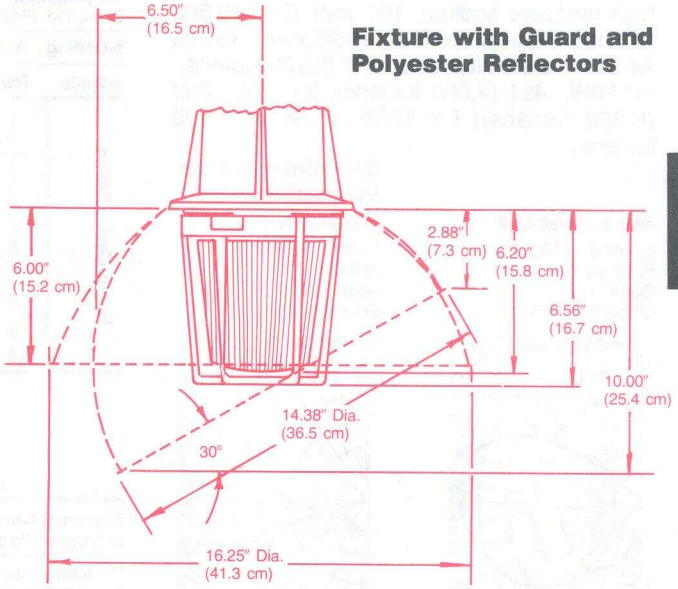
Mercmaster Jr.™ Dimensions: 35, 50, 70, 100 and 150 Watt



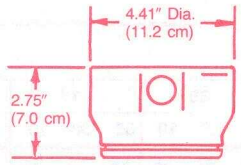
MBL Ballast Body



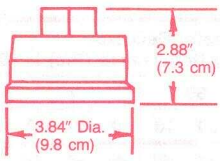
Fixture with 8″ Refractor



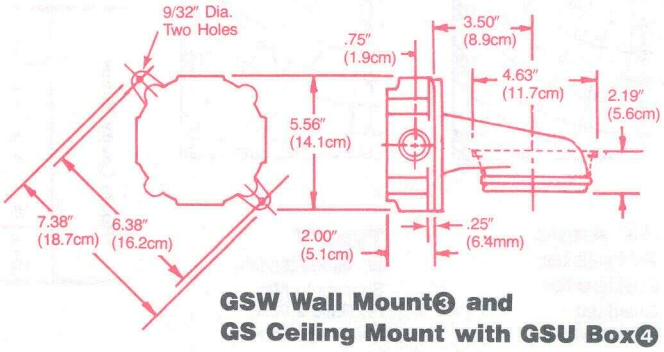
Fixture with Guard and Polyester Reflectors



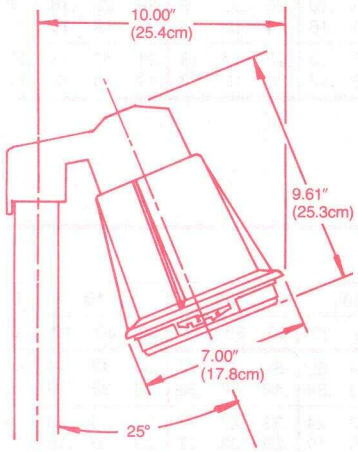
VXHA Ceiling Mount❶



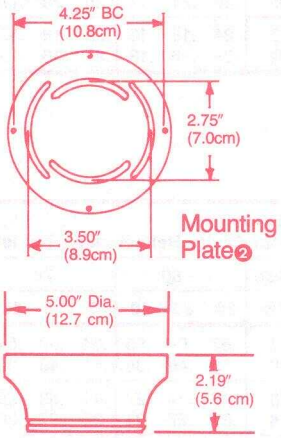
VMA Pendant Mount



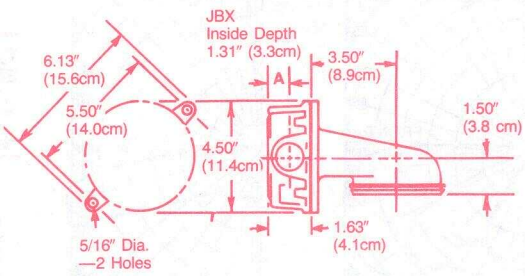
GSW Wall Mount❸ and GS Ceiling Mount with GSU Box❹



Stanchion Mount❺



OBV Outlet Box Mount



JBW Wall Mount❸ with JBX Box❹

❶Mounting holes 9/32″ diameter on 5-1/8″ centers
❷Mounting Plate is a separate piece furnished with Outlet Box Mount fixture. The 2.75″ dimension is for mounting on 3-1/4″ octagonal boxes and the 3.50″ dimension is for 4″ octagonal boxes.
❸Wall Mount fixtures provide the following wall clearances: with GSU box— 2″ from wall with globe and 1-5/16″ from wall with refractor; with JBX box— 1-5/8″ from wall with globe and 15/16″ from wall with refractor. Reflectors cannot be used with Wall Mount fixtures.
❹Order GSU or JBX Box separately. ❺Standard dome or 30° angle reflectors can be used with Stanchion Mount.

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