HID FLOODS
MEGAFLOOD®

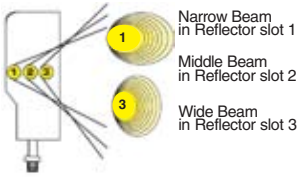
Mega performance, quality and value from state-of-the-art 400 & 250 watt HID floods with a full range of mounting options and accessories.

Die cast door frame held captive when opened

Precision die cast aluminum housing with durable bronze polyester powder coat finish

Anodized aluminum reflector adjusts for variable beam spread

Lamp supplied



Ballast compartment separated by anodized aluminum die formed wall

Silicone gasket for durable weatherproofing & easy relamping

Rugged mounting Trunnion or Slipfitter models

Quad Tap Ballast standard for 120/208/240/277 volts

Stainless steel external hardware

Polyester powder coat finish

PULSE START Metal Halide

- SAVE ENERGY $$
- LONGER LAMP LIFE
- FASTER START TIME
- BETTER LUMEN MAINTENANCE
- LAMPS REMAIN SAME COLOR
- COLD STARTING TO -40º

UTILITY REBATES POSSIBLE

Product Information

	Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps 120V	208V	240V	277V	Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
High Pressure Sodium												
Lamp supplied with fixture	250	ED18	Mogul	CWA-HPF	1.8/2.5	1.0/1.5	.9/1.3	0.8/1.1	295	S50	29,000	24,000
	400	ED18	Mogul	CWA-HPF	3.7/3.8	2.2/2.2	1.1/1.9	1.6/1.7	464	S51	50,000	24,000
Metal Halide	175	ED28	Mogul	CWA HPF QT	1.3/1.8	.8/1.0	.7/.9	.6/.8	210	M57	13,500	10,000
Lamp supplied with fixture	PS 200	ED28	Mogul	CWA HPF QT	1.4/2.0	.8/1.2	.7/1.0	.6/.9	232	M136	19,000	15,000
PS = Pulse Start	250	ED28	Mogul	CWA HPF QT	1.8/2.5	1.1/1.5	1.0/1.3	.8/1.1	295	M58	21,000	10,000
	PS 250	ED28	Mogul	CWA HPF QT	1.4/2.5	.8/1.5	.7/1.3	.6/1.1	288	M138	22,000	12,000
	PS 320	ED28	Mogul	CWA HPF QT	2.6/3.2	1.5/1.8	1.3/1.6	1.2/1.4	368	M132	30,000	20,000
	PS 350	ED28	Mogul	CWA HPF QT	3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6	400	M131	33,300	20,000
	400	ED37	Mogul	CWA HPF QT	2.8/4.0	1.6/2.3	1.4/2.0	1.2/1.8	458	M59	36,000	20,000
	PS 400	ED28	Mogul	CWA HPF QT	3.5/4.0	2.0/2.3	1.8/2.0	1.5/1.8	450	M135	40,000	20,000

Factory Installed Options
Add suffix to catalog number

Button Photocontrol	Specify Photocell voltage
Swivel Photocontrol	
Single fusing for 120 and 277 volt.	
Double fusing for 208 and 240 volt.	
480 volt ballast (consult factory)	

Accessories for Field Installation
Add suffix to catalog number

Wire Guard	
Polycarbonate Shield	
Hoods	MEGH4
	MEGH9

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
One-piece die cast aluminum with die cast door frame held captive when opened.

Reflector:
Unique mechanism provides field adjustable beam spread. Patent pending. High quality anodized aluminum eliminates redirected energy to prolong lamp life. Contoured for maximum horizontal and vertical beam dispersion.

Finish:
Chip and fade resistant Bronze polyester powder coat finish.

Lens:
Thermal, tempered shock resistant glass, 5/32" thick

Lens Gasket:
High temperature extruded silicone set in die cast retaining groove. Remains in place during relamping.

Socket:
Porcelain socket pulse rated 4kv, 1500 watts and 600 volts, reinforced with cat's eyes for added durability. Silicone and fiberglass #14 gauge socket leads rated for 200ºC. Plated screw shell designed to resist corrosion with spring loaded center contact.

Effective Projected Area:
Maximum EPA = 2.1

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Weight:

Fixture	lbs	Fixture	lbs
HPS250	33	MH175	29
HPS400	36	MH200	31
		MH250	34
		MH320	34
		MH350	34
		MH400	34

Patents:
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Photometrics

See page 174 for photometrics

Replacement Lamps	Replacement Ballasts
LHPS250	BHPSH250QT
LHPS400	BHPSH400QT
LMH175MOG	BMHH175QT
LMH200PS	BMHH200PSQ
LMH250	BMHH250QT
LMH250PS	BMHH250PSQ
LMH320PS	BMHH320PSQ
LMH350PS	BMHH350PSQ
LMH400	BMHH400QT
LMH400PS	BMHH400PSQ

New!

MegaFlood Trunnion

Megaflood with steel trunnion mount allows easy surface mounting for aiming flexibility. Factory wired with QT CWA-HPF ballast and 3-foot flexible cord. Adjustable aiming over 180º arc. Mounting can be locked securely in place. Factory wired for 277V, except 175W. Lamp supplied.

Finish: Bronze

New!

MegaFlood Slipfitter

Megaflood with heavy duty, die cast slipfitter for 2 3/8" O.D. tenon size. Slipfitter joint adjusts over 180º arc. Factory wired for 277V, except 175W. Lamp supplied.

Finish: Bronze

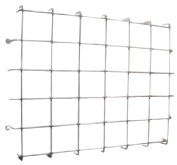
Poles, Bullhorns and Brackets available (see page 98-103)

MegaFlood Shield & Guard

Clear polycarbonate shield and chrome plated wire guard protects MegaFlood against vandalism and accidental breakage.

Finish: Clear

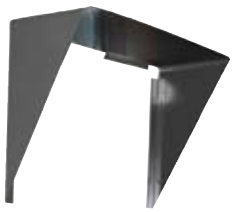
Finish: Chrome



MegaFlood Hoods

Heavy duty hoods cut down on glare and direct light where you need it. Available in 4" and 9" sizes for easy on site installation.

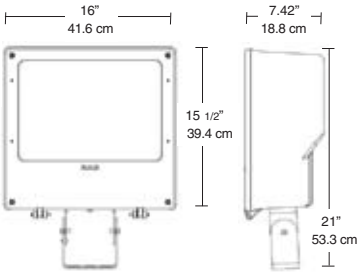
Finish: Bronze

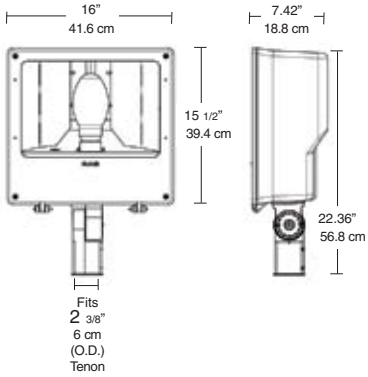


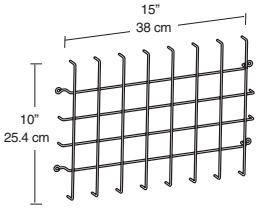
Catalog Numbers

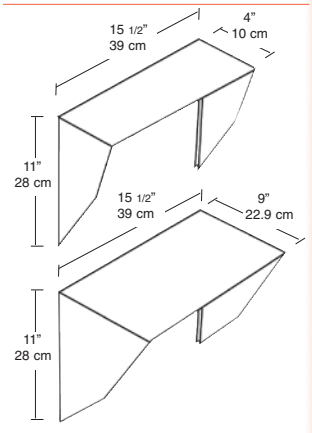
MEGS250QT MEGS400QT	MEGS250SFQT MEGS400SFQT		
MEGH175QT MEGH200PSQ MEGH250QT MEGH250PSQ MEGH320PSQ MEGH350PSQ MEGH400QT MEGH400PSQ	MEGH175SFQT MEGH200SFPSQ MEGH250SFQT MEGH250SFPSQ MEGH320SFPSQ MEGH350SFPSQ MEGH400SFQT MEGH400SFPSQ		
/PC /PCS	/PC /PCS	/PC /PCS	/PC /PCS
/F /FF	/F /FF	/F /FF	/F /FF
/480	/480	/480	/480
GDMEGW	GDMEGW	GDMEGW	GDMEGW
GDMEGP	GDMEGP	GDMEGP	GDMEGP
MEGH4	MEGH4	MEGH4	MEGH4
MEGH9	MEGH9	MEGH9	MEGH9

Dimensions









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