

# HID FLOODS FLOODINATOR™

**BIG, powerful performance, quality and value.**  
These state-of-the-art 400 & 1000 watt  
HID floods have 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

Lamp supplied

Silicone gasket for durable  
weatherproofing & easy relamping

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

Anodized aluminum reflector  
adjusts for variable beam spread

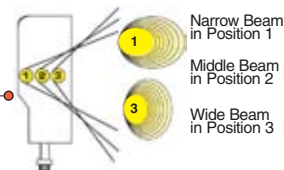
Stainless steel external hardware

Ballast compartment separated by  
anodized aluminum die formed wall

Rugged mounting Slip fitter  
Trunnion model also available

**PULSE START**  
Metal Halide  
UTILITY REBATES  
POSSIBLE

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



## Product Information

### High Pressure Sodium

Lamp supplied with fixture

QT = Quad Tap = 120 / 208 / 240 / 277 volts

### Metal Halide

Lamp supplied with fixture

PS = Pulse Start

QT = Quad Tap = 120 / 208 / 240 / 277 volts

### Factory Installed Options

Add suffix to catalog number

### Accessories for Field Installation

Add suffix to catalog number

Watts	Lamp Type	Lamp Base	Ballast
400	ED18	Mogul	CWA HPF QT
400	ED18	Mogul	CWA HPF 480
1000	ED25	Mogul	CWA HPF QT
1000	ED25	Mogul	CWA HPF 480
400	ED37	Mogul	CWA HPF QT
400	ED37	Mogul	CWA HPF 480
400	ED28	Mogul	CWA HPF QT
1000	BT56	Mogul	CWA HPF QT
1000	BT56	Mogul	CWA HPF 480

Button Photocell

Swivel Photocell

Single fusing for 120 and 277 volt.

Double fusing for 208 and 240 volt.

Wire Guard

Hood 6"

12"

Starting Amps / Operating Amps				
120V	208V	240V	277V	480V
3.7/3.8	2.2/2.2	1.9/1.9	1.6/1.7	
				.8/.1.0
7.2/9.5	4.2/5.5	3.6/4.8	3.1/4.2	
				2.3/2.3

2.8/4.0	1.6/2.3	1.4/2.0	1.2/1.8	
				.7/1.0
3.5/4.0	2.0/2.3	1.8/2.0	1.5/1.8	
6.0/9.0	3.5/5.2	3.0/4.5	2.6/3.9	
				1.9/2.3

Specify Photocell voltage

Specify Photocell voltage

Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
460	S51	50,000	24,000
464	S51	50,000	24,000
1100	S52	140,000	20,000
1100	S52	140,000	20,000
458	M59	36,000	20,000
462	M59	36,000	20,000
450	M135/M155	40,000	20,000
1080	M47	110,000	20,000
1080	M47	110,000	20,000

## 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 variable 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 200°C. Plated screw shell designed to resist corrosion with spring loaded center contact.

### Effective Projected Area:

Maximum EPA: 4.2

### Weight:

Fixture	lbs	Fixture	lbs
HPS400	62	MH400	59
HPS1000	75	MH1000	68

### Patents:

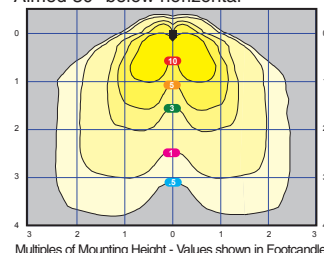
The design of RAB fixtures are protected under U.S. and international intellectual property laws.



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

## Photometrics

1000w HPS @ 30' Mounting Height  
Aimed 30° below horizontal



Mounting Height	Multiplier	Watts	HPS	MH
25	1.4	400	.5	.3
30	1.0	PS400	-	.4
35	.7	1000	1.1	1.0
40	.6			
45	.4			
50	.4			

**New!****Floodinator Trunnion**

Floodinator 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 180° arc. Mounting can be locked securely in place. Lamp supplied.

Finish: ● Bronze

**New!****Floodinator Slipfitter**

Floodinator with slipfitter mount allows easy pole top mounting for aiming flexibility. Fits 2 3/8" O.D. tenon. Factory wired with QT CWA-HPF ballast. Adjustable aiming over 180° arc. Mounting can be locked securely in place. Lamp supplied.

Finish: ● Bronze

**6" and 12" Hoods**

Hood to help cut down on unnecessary glare is designed to attach to Floodinator. Die formed steel. Mounting hardware supplied. Hood can be used with wire guards. Easy field installation.

Finish: ● Bronze

FNH12  
Hood shown**Steel Wire Guard**

Heavy duty chrome plated steel wire guard protects fixture from accidental damage and vandalism. Mounting hardware supplied. Easy field installation.

Finish: ● Chrome



Wire Guard

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

**Bronze**

FNS400SFQT  
FNS400SF/480  
FNS1000SFQT  
FNS1000SF/480

FNH400SFQT  
FNH400SF/480  
FNH400SFPSQ  
FNH1000SFQT  
FNH1000SF/480

/PC  
/PCS  
/F  
/FF

GDFN  
FNH6  
FNH12

**Bronze**

FNH6  
FNH12

**Replacement Lamps**

LHPS400  
LHPS400  
LHPS1000  
LHPS1000

LMH400  
LMH400  
LMH400PS  
LMH1000  
LMH1000

**Replacement Ballasts**

BHPSH400  
BHPSH400  
BHPSH1000QT  
BHPSH1000/480

BMHH400QT  
BMHH400/480  
BMHH400PSQ  
BMHH1000QT  
BMHH1000/480

GDFN

**Catalog Numbers****Bronze**

FNS400QT  
FNS400/480  
FNS1000QT  
FNS1000/480

FNH400QT  
FNH400/480  
FNH400PSQ  
FNH1000QT  
FNH1000/480

/PC  
/PCS  
/F  
/FF

GDFN  
FNH6  
FNH12

**Dimensions**