

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

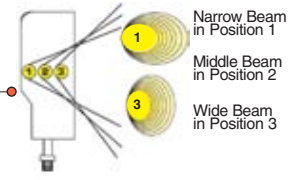
Stainless steel external hardware

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

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

Metal Halide

Lamp supplied with fixture
PS* = Pulse Start
QT = Quad Tap = 120 / 208 / 240 / 277 volts

Watts	Lamp Type	Lamp Base	Ballast
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

Factory Installed Options

Add suffix to catalog number

Button Photocell
Swivel Photocell
Single fusing for 120 and 277 volt.
Double fusing for 208 and 240 volt.



Accessories for Field Installation

Add suffix to catalog number

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	

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:

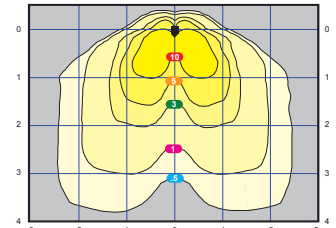
The design of RAB fixtures are protected under U.S. and international intellectual property laws.

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



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
25	1.4	400	.5	.3
30	1.0	PS*400	-	.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



Replacement Ballasts

BHPSH400
BHPSH400
BHPSH1000QT
BHPSH1000/480

LMH400
LMH400
LMH400PS
LMH1000
LMH1000

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

