

# HID FLOODS

## FlexFlood®



**Specification grade 175 watt HID floodlight with cutting edge design, architectural quality, superior features and mounting options at competitive prices.**

**PULSE START**  
Metal Halide

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

Integra Hood glare shield for Friendly Lighting when properly aimed

Silicone gasket for durable weatherproofing & easy relamping

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

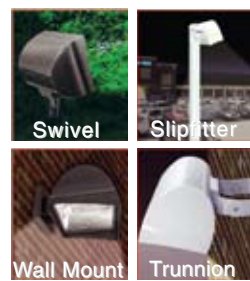
Anodized aluminum reflector rotates for horizontal or vertical lamp position

Medium base 4kv pulse rated socket (Two field adjustable socket positions allow fine tuning of beam spread)



Fins for heat dissipation extend lamp and ballast life

See page 88 for the 400w FXL



## Product Information

**High Pressure Sodium**  
Lamp supplied with fixture  
QT = Quad Tap = 120 / 208 / 240 / 277 volts

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

**Compact Fluorescent** CFL  
Lamp supplied with fixture

**Factory Installed Options**  
Add suffix to catalog number

### Accessories

## Specifications

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

**Housing:**  
Precision die cast aluminum, with 1/2" NPS locking Swivel Arm, Wall Bracket Trunnion or Slipfitter.

**Reflector:**  
Anodized aluminum. Field adjustable beam spread. Rotates 90° for horizontal or vertical lamp position.

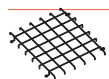
**Lens Frame & Glare Shield:**  
Precision die cast aluminum. Hinged for easy access. Phillips head screws for added security.

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

Watts	Lamp Type	Lamp Base	Ballast
70	ED17	Med	R-HPF 120V
70	ED17	Med	HX-HPF QT
100	ED17	Med	R-HPF 120V
100	ED17	Med	HX-HPF QT
150	ED17	Med	R-HPF 120V
150	ED17	Med	HX-HPF QT
50	ED17	Med	HX-HPF QT
70	ED17	Med	HX-HPF QT
100	ED17	Med	HX-HPF QT
125	ED17	Med	CWA-HPF QT
150	ED17	Med	HX-HPF QT
150	ED17	Med	CWA-HPF QT
175	ED17	Med	CWA-HPF QT
42	Triple	GX24q-4	Electronic HFP

Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
120V	208V	240V	277V				
.9 / .8				86	S62	6,300	24,000
.6 / .8	.4 / .5	.4 / .3	.3 / .4	91	S62	6,300	24,000
1.5 / 1.1				115	S54	9,500	24,000
.9 / 1.1	.6 / .6	.5 / .6	.4 / .5	130	S54	9,500	24,000
2.3 / 1.5				170	S55	16,000	24,000
1.6 / 1.6	.9 / .9	.8 / .8	.7 / .7	188	S55	16,000	24,000
.6 / .6	.4 / .4	.3 / .3	.3 / .3	69	M110	3,400	10,000
.7 / .8	.3 / .5	.4 / .4	.3 / .4	91	M98	5,600	15,000
1.0 / 1.2	.6 / .7	.5 / .6	.4 / .5	129	M90	9,000	15,000
.8 / 1.3	.5 / .8	.4 / .7	.4 / .6	150	M150	12,000	15,000
1.4 / 1.6	1.0 / 1.0	.7 / .8	.6 / .7	185	M102	14,000	15,000
1.0 / 1.6	.6 / .9	.5 / .8	.5 / .7	185	M107	13,500	10,000
1.3 / 1.8	.8 / 1.1	.7 / .9	.6 / .8	210	M57	14,000	10,000
.4	.25	.2	.17	46	*	3,200	12,000

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



Specify Photocell voltage

**Socket:**  
HID: Porcelain 4KV Pulse Rated socket with nickel plated screw shell.  
CFL: Plug in type, GX24q-4 base

**Lens:**  
Thermal tempered shock resistant glass, 3/16" thick.

**Lens Gasket:**  
High temperature one piece molded silicone set in die cast retaining groove. Remains in place during relamping.

**Ground Mounting:**  
Use the new MPM19 PVC Mighty Post with aluminum cap for sturdy installation.

**Effective Projected Area:**  
Maximum EPA: 1.1

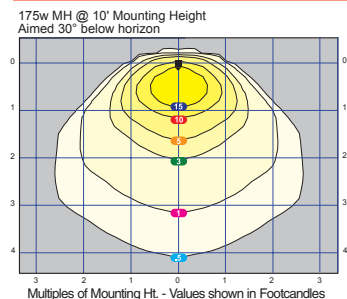
**Patents:**  
The designs of the FlexFlood are protected by U.S. Patents D544125, D545472, D545987, D550392, D545471, CN Patents ZL200530004904.3, 4906.2 and 4902.4 and similar patents pending in Taiwan and Canada.

**Weight:**

Fixture	lbs	Fixture	lbs
HPS70	17	MH50	15
HPS100	19	MH70	16
HPS150	19	MH100	17
		MH150	18
		MH175	20

[www.rabweb.com](http://www.rabweb.com)  
Spec sheets • EZ Lighting Layouts  
Photometrics • Wiring Diagrams  
IES Files • Installation Instructions

## Photometrics



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH CFL
8	1.6	42	—	.3
10	1.0	70	.5	.4
15	.4	100	.7	.7
20	.3	Pulse 125	—	.9
25	.2	Pulse 150	—	1.0
		150	1.2	.9
		175	—	1.0

### FlexFlood Swivel

Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and 1/2" heavy duty swivel arm. Lamp supplied.

Finish:  Bronze  
 White



### FlexFlood Wall Mount

Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and fixed wall mounting bracket. Bracket provides 2 different Full Cutoff Mounting angles. Can be mounted as uplight. Lamp supplied.

Finish:  Bronze  
 White



**Bronze** FXX  
**White** FXXW

### FlexFlood Trunnion

Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and Trunnion mounting bracket. Lamp supplied.

Finish:  Bronze  
 White



**Bronze** FXT  
**White** FXTW

### FlexFlood Slipfitter

Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and slipfitter mount for 2 3/8" diameter tenons. Lamp supplied.

Finish:  Bronze  
 White



**Bronze** FXSF  
**White** FXSFW

### Catalog Numbers

Bronze	White
FX70	FX70W
FX70QT	FX70QTW
FX100	FX100W
FX100QT	FX100QTW
FX150	FX150W
FX150QT	FX150QTW
FXH50QT	FXH50QTW
FXH70QT	FXH70QTW
FXH100QT	FXH100QTW
FXH125PSQ	FXH125PSQW
FXH150PSQ	FXH150PSQW
FXH150QT	FXH150QTW
FXH175QT	FXH175QTW
FXF42QT	FXF42QTW

Bronze	White
FX70X	FX70XW
FX70XQT	FX70XQTW
FX100X	FX100XW
FX100XQT	FX100XQTW
FX150X	FX150XW
FX150XQT	FX150XQTW
FXH50XQT	FXH50XQTW
FXH70XQT	FXH70XQTW
FXH100XQT	FXH100XQTW
FXH125XPSQ	FXH125XPSQW
FXH150XPSQ	FXH150XPSQW
FXH150XQT	FXH150XQTW
FXH175XQT	FXH175XQTW
FXF42XQT	FXF42XQTW

Bronze	White
FX70T	FX70TW
FX70TQT	FX70TQTW
FX100T	FX100TW
FX100TQT	FX100TQTW
FX150T	FX150TW
FX150TQT	FX150TQTW
FXH50TQT	FXH50TQTW
FXH70TQT	FXH70TQTW
FXH100TQT	FXH100TQTW
FXH125TPSQ	FXH125TPSQW
FXH150TPSQ	FXH150TPSQW
FXH150TQT	FXH150TQTW
FXH175TQT	FXH175TQTW
FXF42TQT	FXF42TQTW

Bronze	White
FX70SF	FX70SFW
FX70SFQT	FX70SFQTW
FX100SF	FX100SFW
FX100SFQT	FX100SFQTW
FX150SF	FX150SFW
FX150SFQT	FX150SFQTW
FXH50SFQT	FXH50SFQTW
FXH70SFQT	FXH70SFQTW
FXH100SFQT	FXH100SFQTW
FXH125SFPSQ	FXH125SFPSQW
FXH150SFPSQ	FXH150SFPSQW
FXH150SFQT	FXH150SFQTW
FXH175SFQT	FXH175SFQTW
FXF42SFQT	FXF42SFQTW

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
GDFX	GDFX

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
GDFX	GDFX

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
GDFX	GDFX

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
GDFX	GDFX

### Dimensions

