

# INCANDESCENT FLOODS



**A wide selection of Incandescent Floods makes it easy to find the one for your job.**

*Molded, high temperature silicone gasket*

*Threaded, gasketed glass lens for durable weatherproofing and easy relamping*

*EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver*



*Rugged heavy sand die cast aluminum housing with durable powder coating*

*Sockets have all copper current carrying components*

*Fully adjustable swivel with sure-grip locks*

*Mounting arms have 1/2" threads*



*Lamps offer a variety of beam spread choices. See page 122*

## VR300F

Extra heavy duty enclosed and gasketed sand cast aluminum floodlight for rugged, dirty or high moisture locations. Takes PAR38 or R40 lamps, 300 watts max. (not supplied) Epoxy powder coating.

Finish:  Silver Gray  
 Verde Green



*RAB weatherproof floodlights are a favorite choice for lighting flags and monuments because of their low cost and classic good looks that last. See page 122 for flag lighting info.*

## Product Information

**Incandescent** PAR-38  
 R-40 (VR300 only)  
 PAR20 (LFP38 only)  
 Lamps not supplied

Lamp Watts	Lamp Base	Initial Lumens	Lamp Hours
150	Medium	1900	2000
300	Medium	3600	2000
50	Medium	550	2500

## Catalog Numbers

Silver Gray	Verde Green
VR300F	VR300FVG

## Specifications

**UL Listing:**  
 Suitable for wet locations

**Sockets:**  
 Porcelain with all copper current carrying components and spring loaded center contact.

**Lamps:**  
 VR300F accepts up to 300 watts max. R90, R90M & Tuffy accept Medium base PAR38 lamps up to 150 watts. Halogen lamps give the brightest light and widest choice of beam spreads. See page 122. Lamps not included.

**Swivels:**  
 Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with locking swivel fits all standard mounting covers.

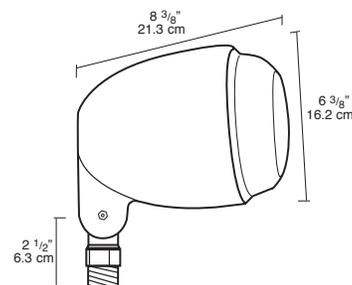
**Housings:**  
 Precision die cast aluminum. Tuffy flood is molded plastic.

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

## Info Online 24/7

**Spec Sheets**  
[www.rabweb.com](http://www.rabweb.com) > click "PRODUCTS"

## Dimensions



### LFP38

Premium PAR38 Flood with large, molded high temperature black silicone gasket that totally seals lamp. Replaces RAB catalog #B. Die cast aluminum housing. EZ Grip locknut. Suitable for mounting within 4' of the ground or higher. PAR38 or PAR20, 150 watt max. lamp not included.

- Finish:
- Bronze
  - Black
  - White
  - Verde Green
  - Silver Gray



### R90

A best buy in economical die cast floods. Clean styling. Internal ring gasket. Epoxy powder coating. PAR38 150 watt max. lamp not included.

- Finish:
- Bronze
  - Black
  - White
  - Silver Gray



### R90M

The economical R90 floodlight with a molded silicone external gasket to insure superior weatherproof seal. Epoxy powder coating. PAR38 150 watt max. lamp not included.

- Finish:
- Bronze
  - Black
  - White
  - Silver Gray



### TUFFY

Corrosionproof and nonconductive floodlight with new molded silicone gasket. Molded black or white polycarbonate with porcelain socket will not chip, peel or fade. PAR38 150 watt max. lamp not included.

- Finish:
- Black
  - White



*The LFP looks great with either PAR-38 or PAR-20 lamps.*



**Bronze Black White Verde Silver**  
**LFP38A LFP38B LFP38W LFP38VG LFP38S**

LFP38A LFP38B LFP38W LFP38VG LFP38S

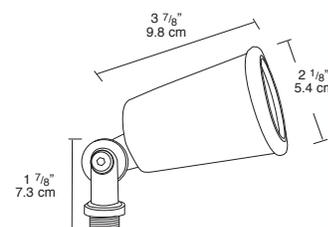
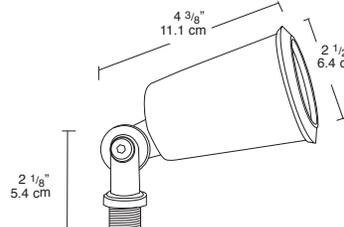
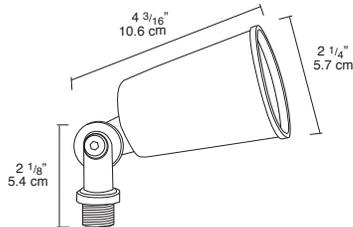
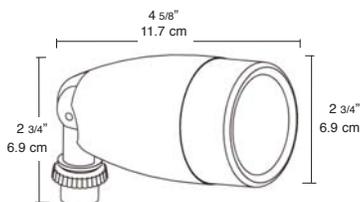
*RAB's distinctive see-thru Weatherproof packaging has all the information you need and keeps parts organized*



**Bronze Black White Silver Gray**  
**R90A R90B R90W R90S**

**Bronze Black White Silver Gray**  
**R90MA R90MB R90MW R90MS**

**Black White**  
**TUFFY TUFFYW**



# FLAG LIGHTING

## Tech Info

**RAB floodlights are perfect for flag and sign lighting. Use this photometric data to choose the right floodlight & lamp.**



HBHH100VA  
PAR38 lamp  
See page 120



H101 with HV1 Visor  
PAR38 lamp  
See page 124



HB101 with HH1 Hood  
PAR38 lamp  
See page 124



LF20  
PAR20 lamp  
See page 126



LFM16  
MR16 lamp  
LFP16  
PAR16 lamp  
See page 126

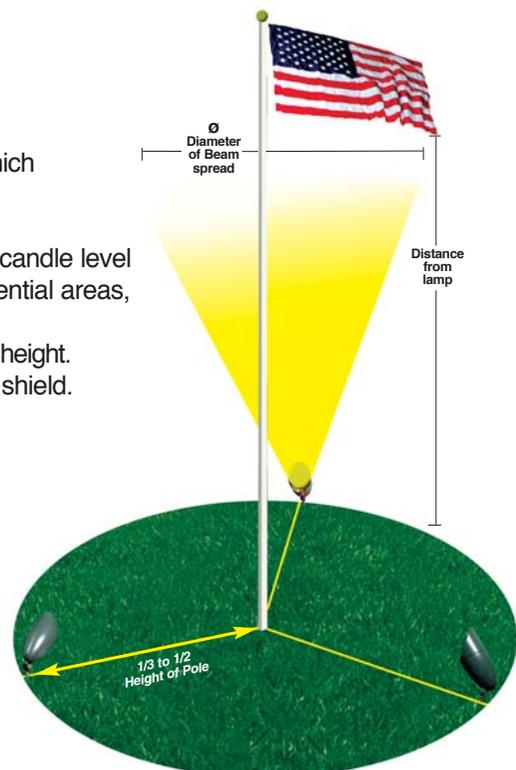
### Flag Lighting Tips

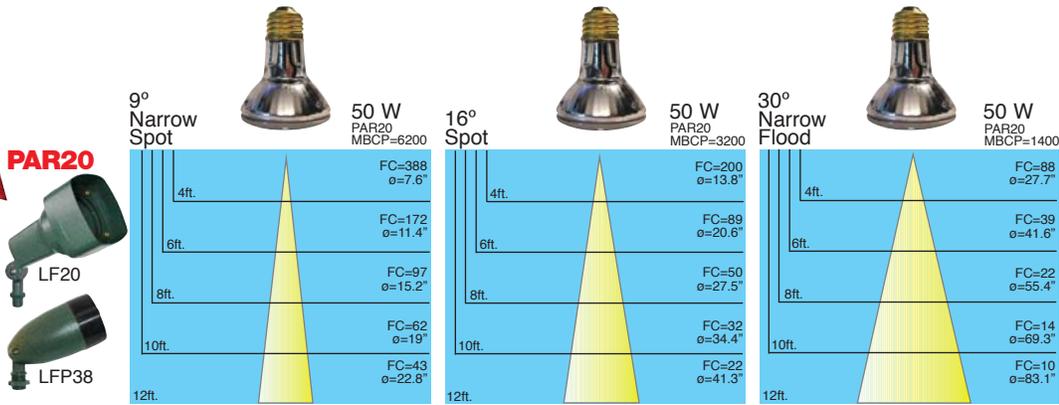
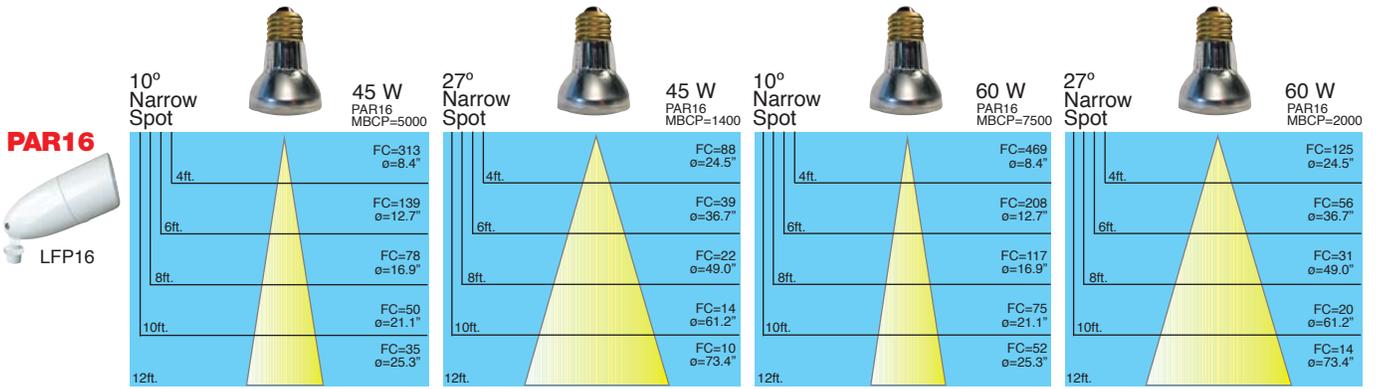
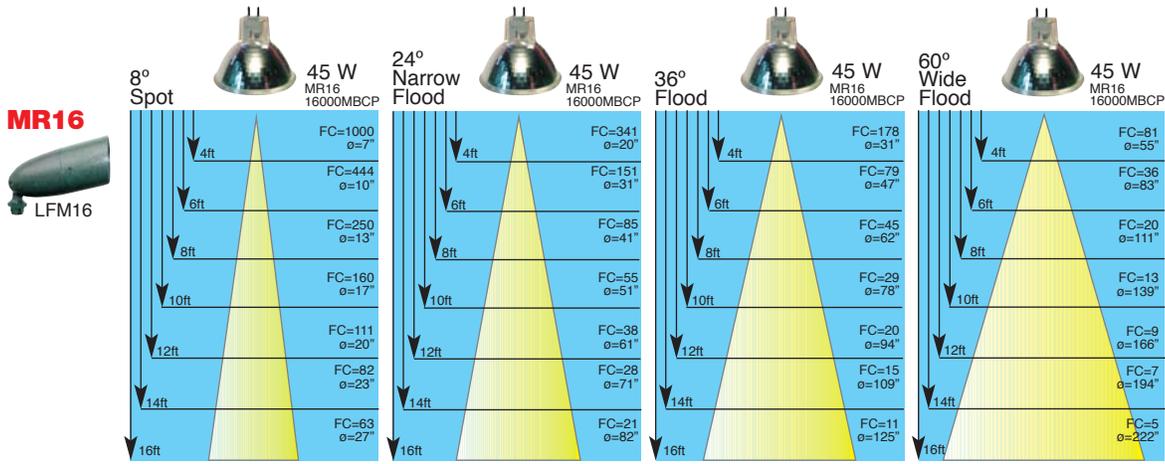
- Use at least 2, preferably 3 lights in a triangle so the flag is well lit no matter which direction the wind is blowing
- Install fixtures away from the flag pole about 1/3 to 1/2 the height of the pole
- Use the charts on page 123 to choose a fixture and lamp that will supply a footcandle level about 5 times the surrounding ambient levels (10-15 fc for 2-3 fc ambient residential areas, 20-25 fc for public flags in bright 4-5 fc ambient areas)
- Choose a lamp beam spread with the right diameter ( $\emptyset$ ) for the flag size at its flying height.
- Try to conceal the light source by using a RAB flood with a glare hood or other shield.

### Flag Lighting Law

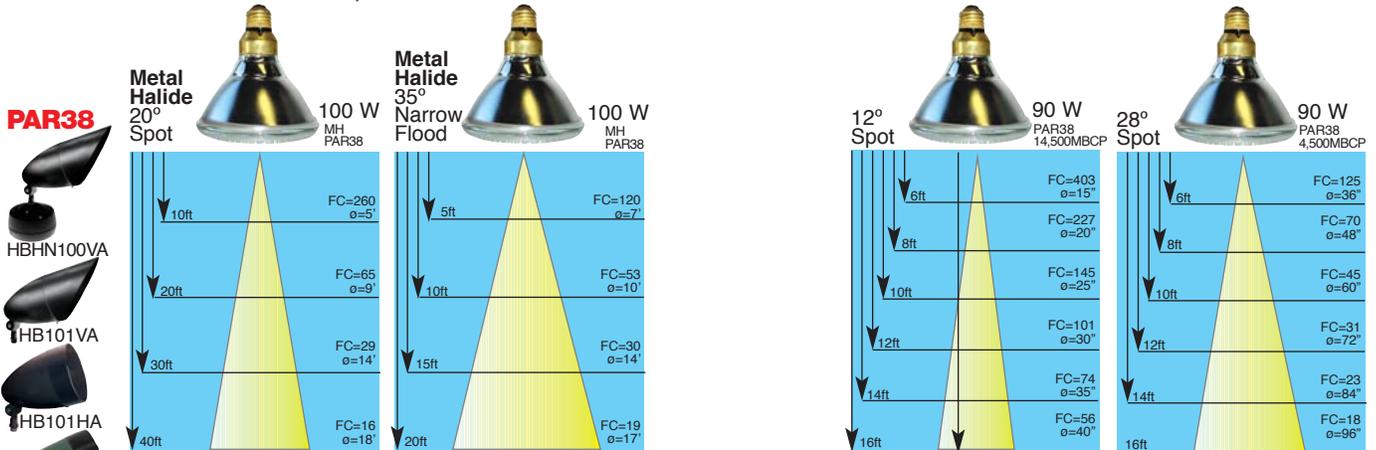
United States Code, Title 36, Chapter 10, Paragraph 174 states:

*"It is the universal custom to display the flag only from sunrise to sunset on buildings and on stationary flagstaves in the open. However, when a patriotic effect is desired, the flag may be displayed twenty-four hours a day if properly illuminated during the hours of darkness."*





Use these MH Lamps for Tall Poles



MBCP = Maximum Beam Candlepower  
 ø = diameter of beam spread  
 FC = Footcandles measured at 0°