

NoUVIR LUMINAIRES

Luminaires first? Other companies start with projectors. Then, at the end of the fiber (the part you actually use), they mumble. **Not NoUVIR!** We start with the light at the end of the fiber. As a matter of fact, we start with Floods, our lowest intensity luminaires. Sure, our projectors are superior; intense, cool, quiet, gorgeous, full of rocket science and patented technology. Great technology ought to be simple. Just turn it on and use it! Beautiful!



General Specification: for the NoUVIR family of luminaires:

- Beautiful black-anodized, precision-machined aluminum housings
- Fibers adjust and lock without tools using knurled Fiber-Lock™ cap
- Smooth even zoom over specified range with no stairsteps
- Even uniform beams with no dark spots, hot spots, or aberrations
- Circular beams with soft edges and no halos
- All luminaires are sealed for use in sealed cases
- Ten-year warranty on structural and optical parts

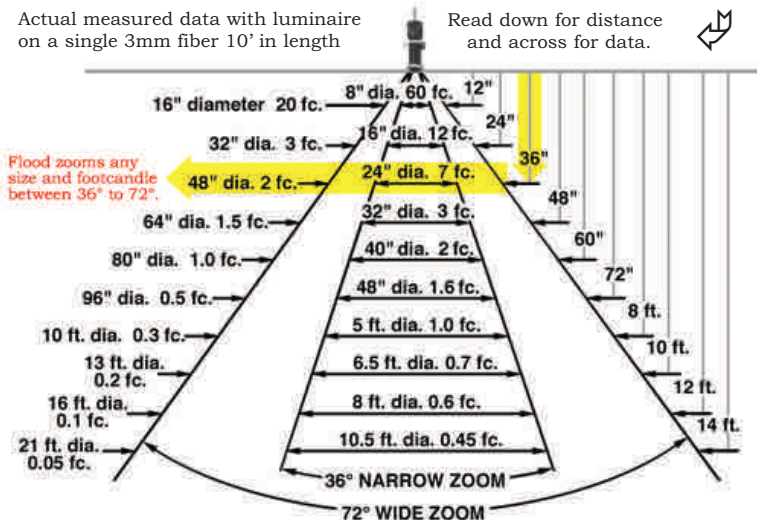
PARA-FOL FLOODS

NEARLY INVISIBLE, LOW-BRIGHTNESS, BLACK PARABOLIC REFLECTOR LUMINAIRES

DESCRIPTION: The PARA-FOL™ (pronounced pair-a-foal) flood luminaire is a small fiber optic floodlight luminaire with a high-tech, **black** parabolic reflector. It comes in a variety of mounting types, but each flood has just a 5/16" diameter reflector opening. Every floodlight provides a sharp cut-off with virtually no visible high-angle light. This is high-tech optics in a tiny luminaire the size of a short, fat pencil.

Actual measured data with luminaire on a single 3mm fiber 10' in length

Read down for distance and across for data.



FEATURES FOR EVERY FLOOD:

- Even, 2:1 zoom from a 36° to a 72° beam
- Uniform, perfectly circular beam
- Soft, clean edges, no visible spillover
- No halos, aberrations or dark spots
- No peaks or hot spots
- Stone-cold, pure-white light (3200°K)
- No UV, No IR
- 10-year warranty on structure and optics

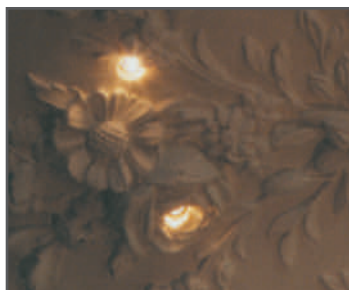
SPECIFICATIONS:

- Dual optical surface, "black" reflector
- 3/8" diameter threaded body
- Only 1-1/2" overall length
- Powered by one 3mm (1/8") fiber
- 1/2" FIBER-LOCK™ locks beam adjustment

APPLICATIONS:

The PARA-FOL Flood excels as a downlight or soft area floodlight. Overlapping beams from a ceiling will fill a space.

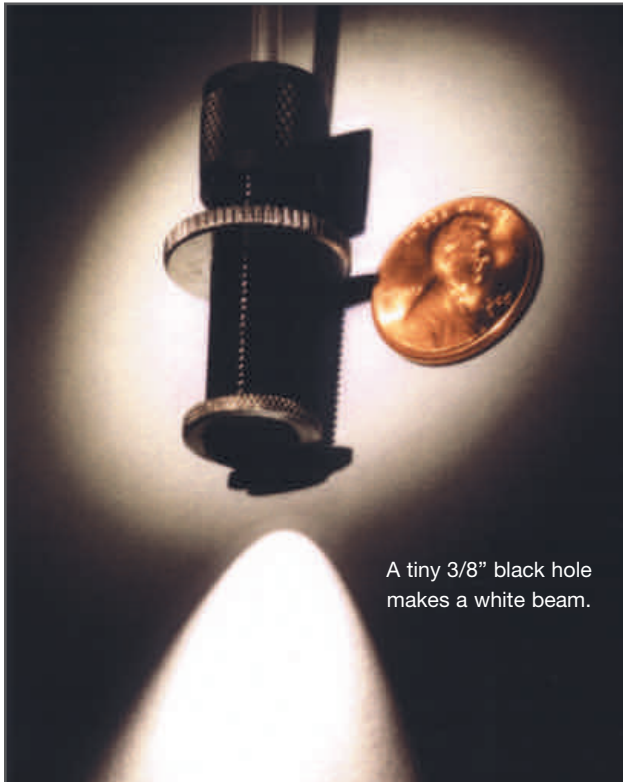
It also works well for creating soft overall illumination in a case, mixed with spots for the general lighting or soft fill lights for dioramas, shadow boxes or places where you build a wash across a wall.



Floods are so small, they blend into structures. These floods are mounted in ornate plaster in a historic parlor ceiling. Beams overlap letting you comfortably read a newspaper seated below. Using floods in a grid layout on a ceiling is a popular and effective way of softly lighting large cases.

PARA-FOL PARABOLIC FLOOD LUMINAIRES

NEARLY INVISIBLE, LOW-BRIGHTNESS, BLACK PARABOLIC REFLECTOR LUMINAIRES



A tiny 3/8" black hole makes a white beam.

For a flood downlight, order **LBRL**

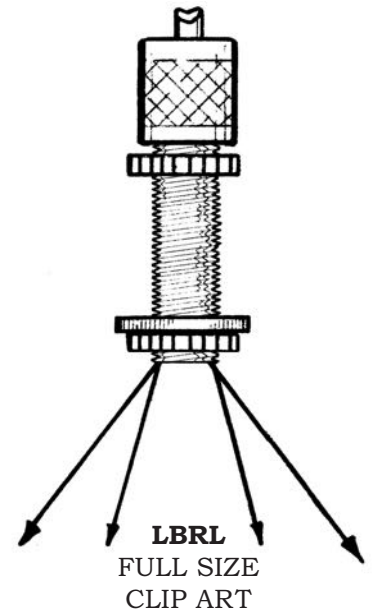
LBRL • PARA-FOL FLOOD LUMINAIRE LOW BRIGHTNESS PARABOLIC REFLECTOR LUMINAIRE

NoUVIR's basic PARA-FOL™ flood, the LBRL, is for flush applications. With a small 3/8" diameter body and a black reflector with virtually no visible high-angle light, the LBRL disappears in an installation. The externally threaded body can be screwed directly into a hole in wood, plaster or other materials or mounted with a little play in a 7/16" hole with its nuts and seal.

FEATURES:

- Even, 2:1 zoom, 36° to 72°
- Uniform, circular beam
- Soft clean beam edges
- No visible spillover
- No halos or aberrations
- Stone-cold, pure-white light
- No UV, No IR
- 10-year warranty

Only NoUVIR has a reflector actually designed for the output of optical fiber. No one matches our performance.



LBRL
FULL SIZE
CLIP ART

LBBL • PARA-FOL FLOOD LUMINAIRE with Bracket LOW BRIGHTNESS PARABOLIC REFLECTOR WITH BRACKET LUMINAIRE

Identical to the PARA-FOL flood described above and with the same features, the LBBL comes with a 90° mounting bracket which can be attached to a case or wall with an included screw and washer. The bracket can be used in either orientation allowing 3/8" or 1-1/2" centerline offset from the surface. The bracket is designed to be bent for aiming.



With
bracket
order **LBBL**

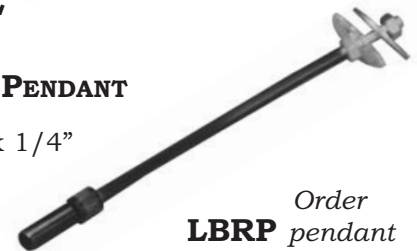


A glass sitting on a single flood shoots beams of light out of its cuts.

LBPR • FIBER-STEM PARA-FOL FLOOD LUMINAIRE

LOW BRIGHTNESS PARABOLIC REFLECTOR PENDANT

NoUVIR's flood as a **pendant** fixture on black 1/4" diameter x .030 wall aluminum tubing in any length 6" to 72" long, including fractional values. (Specify total length including luminaire.) Pendant fixtures can be bent in any shape on a 6" radius with a tube bender and mounted in any orientation. Includes clear washer, flat washer and nuts for mounting.



Order
LBPR pendant
(followed by the length
as 6" to 72")

PARA-FOL luminaires can light through objects. Make glass throw rays. Safely show the watermarks in paper. The light is stone-cold so an object can sit on top of a flood light and glow with no visible light source for stunning presentation.

PARA-FOL PARABOLIC FLOOD LUMINAIRES

NEARLY INVISIBLE, LOW-BRIGHTNESS LUMINAIRES

LBRA • AZ-EL PARA-FOL FLOOD LUMINAIRE**LOW BRIGHTNESS PARABOLIC REFLECTOR LUMINAIRE WITH AZ-EL MIRROR**

For an aimable, repeatedly adjustable, infinitely versatile flood, order **LBRA**

Add NoUVIR's azimuth-elevation mirror and the PARA-FOL flood is a rearranger's dream. Easy to use, it can be hidden anywhere and still swivel and aim with flexibility. The mirror aims the beam to flood walls, objects or graphics. The unobtrusive black-backed, first-surface AZ-EL mirror maintains the flood's near invisibility. Mixed with spots, it is a favorite for large objects like costumes as it spreads the light across artifacts, but can aim to wash the floor or flood details behind objects.

FEATURES:

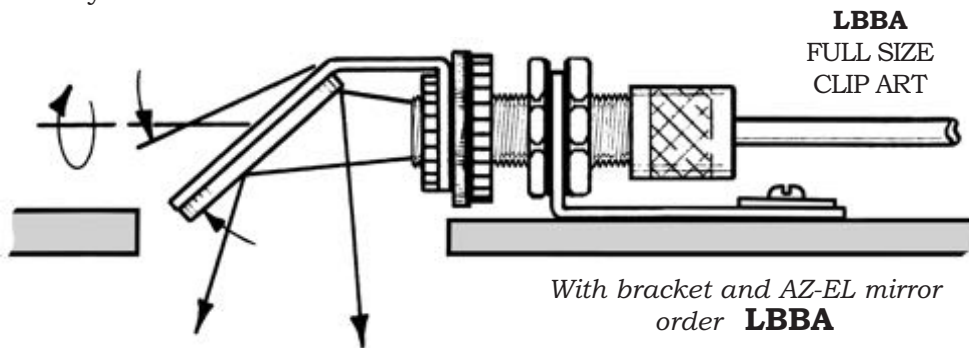
- Maintains 2:1 zoom, (36° to 72°)
- Stone-cold, pure-white light
- No UV, No IR.
- 10-year warranty

Plus

- 360° azimuth aim around axis
- 45° to 135° off-axis aim
- 97% reflectance first surface mirror

LBBA • AZ-EL PARA-FOL FLOOD with Bracket**LOW BRIGHTNESS PARABOLIC REFLECTOR WITH BRACKET AND AZ-EL MIRROR**

With the AZ-EL mirror and a mounting bracket, the LBBA PARA-FOL™ is versatile. Less than 1" high and only 13/16" wide (at the mirror) the LBBA flood can be tucked into corners and behind trim in cases exactly where illumination is needed. NoUVIR luminaires make it possible and practical to light individual objects instead of broad areas. Each luminaire can be individually aimed, focused and adjusted to a set light level. The bracket mount itself is bendable and adjustable, increasing the already amazing range of aim of the AZ-EL PARA-FOL. Because there is no UV and no IR, cases stay cool and clean and artifacts are safe.



*Imagine an absolutely cold light attic
only 1" deep!*

*Mount LBBA's horizontally and you've got it.
Want more beam control?
Use spot ZSBAs.*



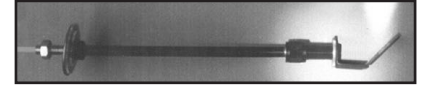
Simple.
Screw a luminaire or track where it's
not seen. Run fibers to each light.
Aim and focus each beam.

PARA-FOL PARABOLIC FLOOD LUMINAIRES

LRAP • FIBER-STEM PARA-FOL FLOOD

LOW BRIGHTNESS PARABOLIC REFLECTOR AZ-EL MIRROR PENDANT

A flood with its AZ-EL mirror on a 1/4" dia. black aluminum pendant in any length 6" to 72" long, including fractional values. (Specify total length including luminaire.) Pendant fixtures can be bent in any shape with a minimum 6" radius and mount horizontally as well as vertically. Pendant includes mounting hardware for 1/4"-28 threaded end.



Pendant AZ-EL flood.
Order **LRAP**

LBRT • FIBER-TRACK™ PARA-FOL FLOOD

FOR FIBER-TRACK & CORNER-TRACK

The LBRT is a flood pre-mounted on a clip that can be used in:

- **FIBER-TRACK** - a 2" x 1-1/4" fiber optic track (as shown)
- Recessed **T-BAR FIBER-TRACK** for use with ceiling panels
- **CORNER-TRACK** - designed to hide in a 90° corner

Track-mounted luminaires are secure, concealed, and can be covered in the track with clear, snap-on polycarbonate lenses.

Luminaires can be moved, snapped in and out of the track, and rearranged over and over as displays or exhibits change. Tracks are available in a number of styles, colors, and finishes. See Section 4 - Tracks and Bannisters.



Order **LBRT**

LBFT • FLAT-TRACK™ PARA-FOL FLOOD

FOR FLAT-TRACK & BANNISTERS

The LBFT is pre-mounted on a clip to fit:

- **FLAT-TRACK™** - a low-profile, wide-angle track
- **FIBER-RAIL™** - pick a 2" or a 4" diameter bannister rail

All FLOOD luminaires share the same optics with a 36° to a 72° adjustable beam. See full photometry on page 9-3.



Order **LBFT**



Accurate natural displays with fabricated vegetation are expensive. It's worth protecting that investment by using NoUVIR. Floods are ideal for lighting a bank of small cases like these with a single projector (one light bulb). They are nice for shoebox cases inset into walls showing wild flowers or animals. When mixed with spots, floods have been used for room-sized forests, displays of archeological digs, prehistoric oceans and safely lighting the oldest animal hide known to exist taken from the permafrost.

