



# Pfiber-Light™

## Data Sheet DS65-501-1



Pfiber-Light with 12" light pipe

### Introduction

Designed as a flexible lighting system for vessels that have a limited number of nozzle openings, the *Pfiber-Light* may be installed in a variety of configurations.

The idea behind the *Pfiber-Light* is to allow sharing of a sight glass port for viewing as well as vessel lighting.

Powered by a tungsten-halogen light, the *Pfiber-Light* is a highly efficient lighting method that provides minimal light loss as compared to conventional lighting that reflects light off the sight glass.

The *Pfiber-Light* is supplied with a built-in timer for auto shut-off. It is recommended that a switch be wired into the line during installation for easy on/off capability.

### Mounting Connections

#### • Sight Glass Mount

A universal mounting bracket is supplied to allow installation on top of a standard sight glass. Light pipe standard lengths of 12" and 36" available from stock.

#### • Backing Flange Mount

Attach light source to any nozzle with specified light pipe length to reach desired port.

#### • Manway Covers

Utilizing a 36" light pipe allows flexibility when opening and closing cover. Light source installed on nearby backing flange.

### Features/Benefits

- Explosion proof ratings for use in Class I, Div. I, Groups B, C and D, Class II, Div. I Groups E, F and G areas
- Standard aluminum end fittings. Brass or stainless are options
- 80 watt high intensity light source
- Cool light output
- Adjustable built-in timer dial for automatic shut-off
- Flexible fiber-optic light pipe available in 12", 24", 36", 60", 72" and 80" lengths for various installation configurations

### Standard Part Numbers

Flex-Pipe Length	Part Number
12"	1618930
36"	1618931

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