

# 746D2 SERIES

1-800-826-5890 USA  
1-888-675-5483 Canada  
www.pauluhn.com

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Lamp Suspension System

## FEATURES

- ▼ Available in sealed beam 500w quartz halogen or 300w incandescent lamp options.
- ▼ Unique lamp suspension system:
  - Advanced spring design allows springs to compress and counter which absorbs more vibration to extend lamp life.
  - Extends lamp life up to 50% longer than competitive brands.
- ▼ Adjustable mounting allows 360° horizontal rotation, vertical positioning down 45° and up 90°. With handle option vertical up is 60°.
- ▼ Choice of corrosion resistant housings in rugged heavy cast marine brass or cast aluminum.
- ▼ Medium floodlight as standard with narrow or wide beam pattern options.
- ▼ High Impact protective guard available.
- ▼ Field replaceable lens and gasket.
- ▼ 5 year warranty.

## APPROVALS

- ▼ UL 844 - Hazardous Locations  
Class I Division 2 Groups A,B,C & D  
Class I Zone 2 Groups IIA, IIB, IIB + H2 and IIC
- ▼ UL 1598A Marine Outside Type Saltwater
- ▼ Type 4X
- ▼ ABS
- ▼ Conforms to IP 66
- ▼ Temperature rated for T1

## APPLICATIONS

- ▼ Hazardous locations
- ▼ Marine and wet environments
- ▼ Oil and gas platforms
- ▼ Drill ships and exploration vessels
- ▼ Tankers
- ▼ FPSO's / FSO's

## OPTIONS

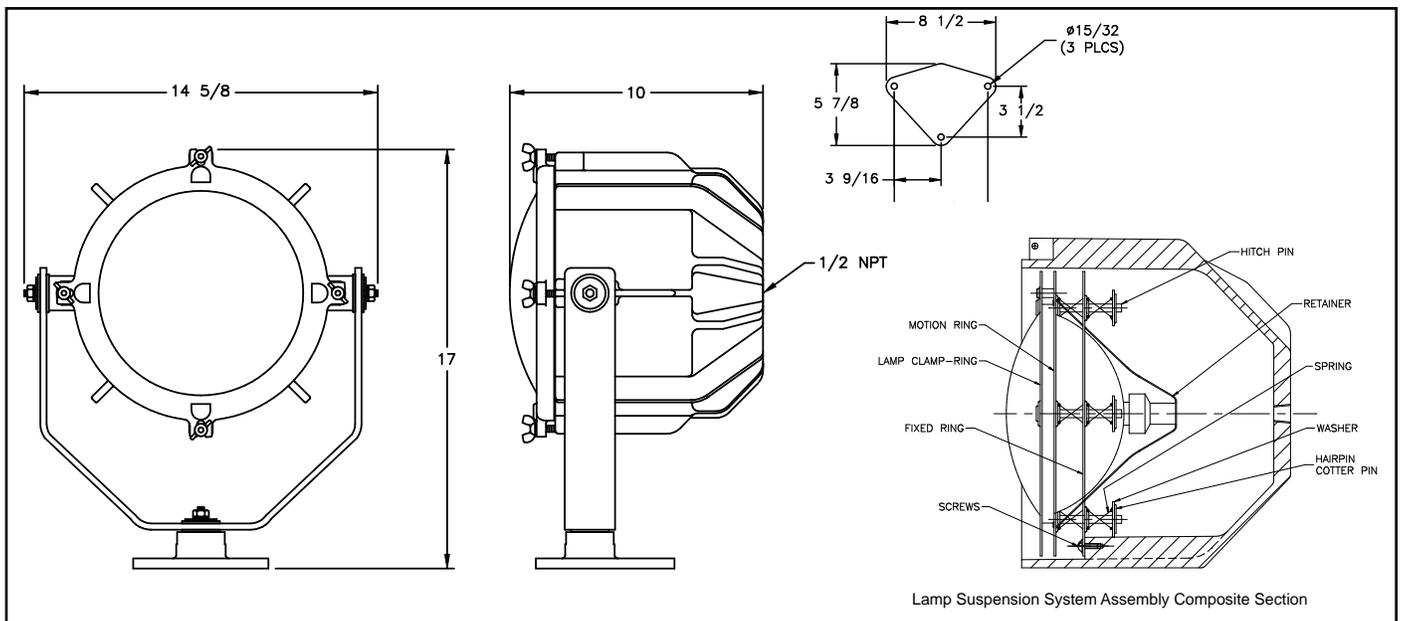
To obtain a luminaire with any of the options listed below, please add the following suffix to the part number (not all options can be combined):

- |                                     |       |
|-------------------------------------|-------|
| ▼ Guard                             | GRD   |
| ▼ Narrow Spot Light Type            | NSP*  |
| ▼ Wide Floodlight Type              | WFL*  |
| ▼ Handle and Clamp                  | HDL   |
| ▼ 12v Medium Floodlight Type (300w) | -12   |
| ▼ 28v Medium Floodlight Type (450w) | -28** |

\* For 120v only.

\*\* Has 10 hour lamp life.

## DIMENSIONS



Lamp Suspension System Assembly Composite Section

Dimensions in inches



**LUMINAIRE TECHNICAL SPECIFICATIONS**

**HOUSING**

Available in heavy wall cast marine brass with a natural finish or a cast copper free aluminum with a white oven-cured polyester powder coat protective finish.

**GUARD**

Optional stainless steel wire guard available.

**OUTLETS**

All units are supplied drilled and tapped with one 1/2" NPT outlet as standard. As an option, may be supplied with up to one 3/4" NPT outlet.

**HARDWARE**

Stainless steel wing nuts for all types.

**LENS**

Clear heat resistant glass lens is field replaceable.

**LAMP SUSPENSION SYSTEM**

Advanced spring design allows springs to compress and counter which absorbs more vibration to extend lamp life.

**VOLTAGE OPERATION**

Rated for operation on 120v as standard, Optional 12v and 28v units are available.

**TERMINAL BLOCK**

A 2 pole terminal block is provided as standard.

**GASKET**

A one-piece high temperature silicone gasket provides a watertight seal between the lens frame and housing. The gasket is field replaceable.

**LAMP TYPE**

A 120v medium floodlight PAR56 lamp is supplied as standard. See options if narrow, wide or low voltage lamps are required. A 12v 300w or 28v 450w medium floodlight lamp is supplied with the low voltage version. 450w lamp has a 10 hour lamp life.

**LAMPHOLDER**

Mogul end prong porcelain lampholder with high temperature leads is standard. Optional 12v and 28v low voltage units are supplied with screw terminal lamps wired via high temperature leads directly to the lamp.

**ORDERING REFERENCES**

**FLOODLIGHT LUMINAIRES**

DESCRIPTION	MARINE BRASS TYPE (B)	MARINE BRASS WEIGHT (lbs)	ALUMINUM TYPE (A)	ALUMINUM WEIGHT (lbs)
300W Incandescent	746B	56.0	746A	22.0
500w Quartz Halogen	746BQ	56.0	746AQ	22.0

**SPARE PARTS**

<b>LAMPHOLDER</b>	INX4014	<b>SWING BOLT/NUT KIT</b> Stainless steel (4 per package)	INX8099
<b>GUARD</b>	INX1041	<b>LAMPS</b> 300w MFL 120v 300w NSP 120v 300w WFL 120v 500w MFL 120v 500w NSP 120v 500w WFL 120v 300w MFL 12v 450w MFL 28v	INX3509
<b>FRAME GASKET</b>	GKT6095		INX3510
<b>LENS</b>	INX2143		INX3581
<b>LENS AND FRAME ASSEMBLY</b> Brass Aluminum	INX9037B		INX3582
	INX9037A		INX3583
<b>STANDARD MOUNT</b> Brass Aluminum	INX7048B	<b>TERMINAL BLOCK</b>	INX3576
	INX7048A		INX3575
			FX3001