

746M SERIES

1-800-826-5890 USA
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www.pauluhn.com

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746M shown with an optional blue lens.



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 wall cast marine brass or cast copper free aluminum.
- ▼ Medium floodlight as standard with narrow or wide beam pattern options.
- ▼ High Impact protective guard available.
- ▼ Range of colored lenses available in red, blue, green and yellow.
- ▼ Includes one 1/2" NPT outlet with a terminal tube, watertight connector and 6 feet of 16/3 cord.
- ▼ Field replaceable lens and gasket.
- ▼ 5 year warranty.

APPROVALS

- ▼ UL 1598A - Marine Outside Type Saltwater
- ▼ ABS
- ▼ Type 4X
- ▼ Conforms to IP 66

APPLICATIONS

- ▼ Marine and wet environments
- ▼ Military ships
- ▼ Drill ships and exploration vessels
- ▼ Tankers
- ▼ Patrol boats
- ▼ Coast Guard rescue vessels
- ▼ Life boat davits

OPTIONS

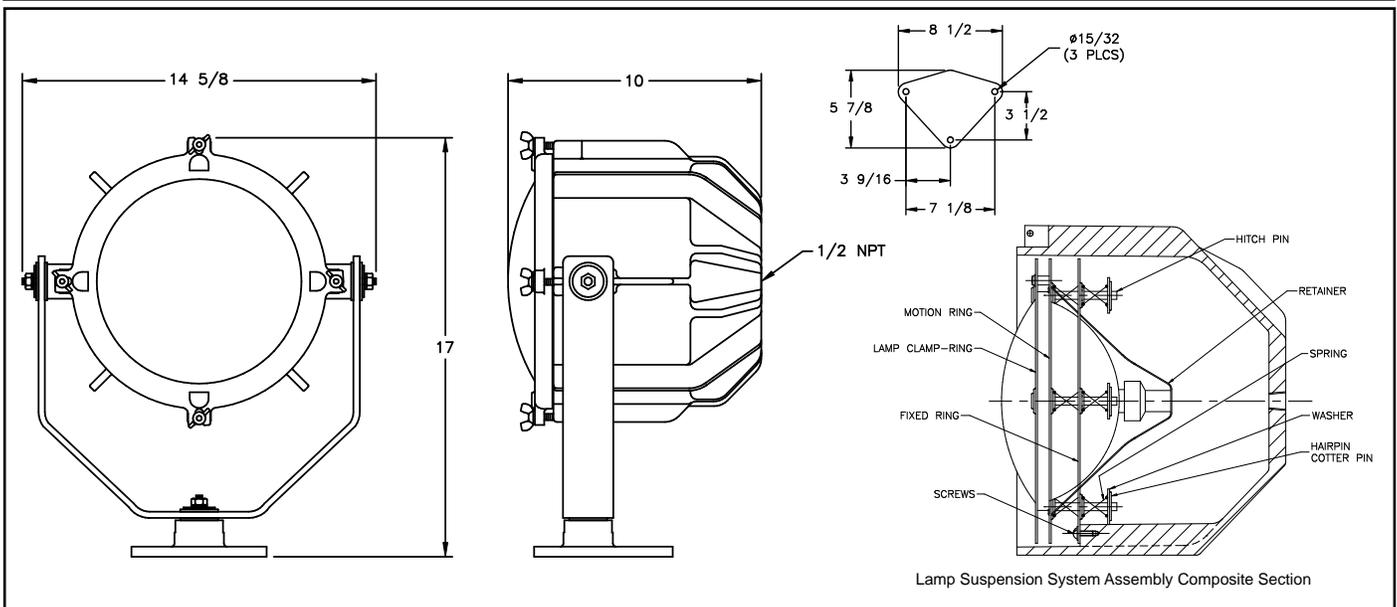
To obtain a luminaire with any of the options listed below, please add the following suffix to the part number (not all options can be combined):

- | | |
|-------------------------------------|-------|
| ▼ 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** |
| ▼ Red Colored Lens | RED |
| ▼ Blue Colored Lens | BLU |
| ▼ Green Colored Lens | GRN |
| ▼ Yellow Colored Lens | YEL |

* For 120v only.

** Has 10 hour lamp life.

DIMENSIONS



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 complete with terminal tube and six feet of 16/3 cord. 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.

GASKET

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

TERMINAL BLOCK

A 2 pole terminal block is provided as standard.

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 options. 450w has 10 hour lamp life.

LAMPHOLDER

Mogul end prong porcelain lampholders with high temperature leads are 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 WEIGHT (lbs)	MARINE BRASS TYPE (B)	ALUMINUM TYPE (A)	ALUMINUM WEIGHT (lbs)
300W Incandescent	56.0	746BMR	746AMR	22.0
500w Quartz Halogen	56.0	746BQMR	746AQMR	22.0

SPARE PARTS

LAMPHOLDER	INX4014	LAMPS 300w MFL 120v INX3509 300w NSP 120v INX3510 300w WFL 120v INX3581 500w MFL 120v INX3511 500w NSP 120v INX3582 500w WFL 120v INX3583 300w MFL 12v INX3576 450w MFL 28v (10 hour lamp life) INX3575
GUARD	INX1041	
FRAME GASKET	GKT6095	
LENS	INX2143	
LENS AND FRAME ASSEMBLY Marine Brass Aluminum	INX9037B INX9037A	
STANDARD MOUNT Marine Brass Aluminum	INX7048B1 INX7048A1	TERMINAL BLOCK FX3001 SWING BOLT/NUT KIT Stainless Steel (4 per package) INX8099