

INFRANOR™ POLARIS - 6



Job Name: _____

Fixture Type: _____

Job Number: _____

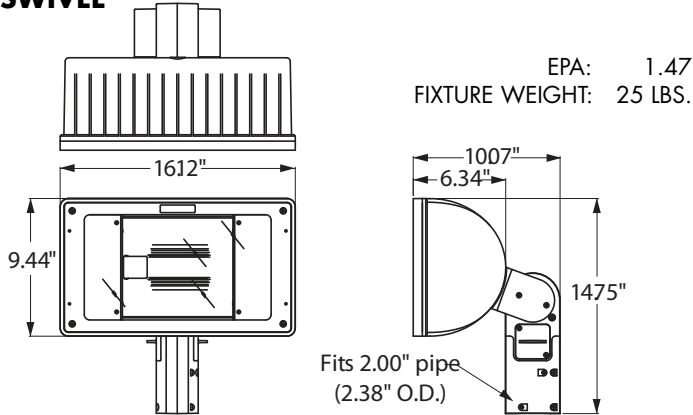
Distributor: _____

Distributor P.O.: _____

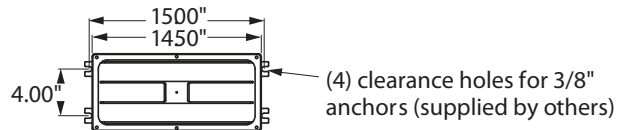
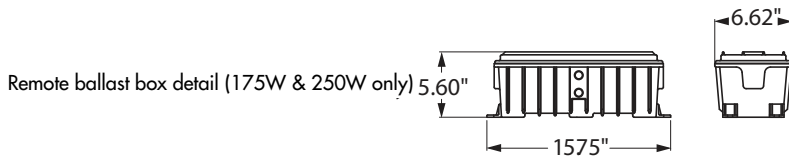
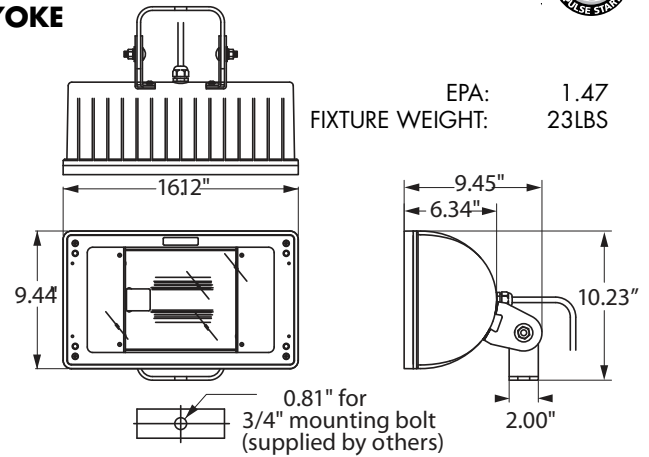
FIXTURE DIMENSIONS



SWIVEL



YOKE



INFRANOR POLARIS - 6 WRITTEN SPECIFICATIONS

HOUSING

The luminaire housing shall be one-piece die-cast aluminum with integral cooling fins for heat dissipation. The perimeter of the casting shall incorporate a channel designed to retain a silicone O-ring gasket, providing a compression seal to the doorframe assembly. The luminaire housing, including the wire entrance, shall be completely sealed from the outside environment.

LENS & DOORFRAME

The luminaire lens shall be clear tempered glass, 0.188" thick, thermal and impact resistant. Lens shall be set into a die-cast aluminum doorframe, gasketed and retained by four continuous galvanized steel clips around the lens perimeter for uniform pressure and watertight seal.

Doorframe shall be one-piece die-cast aluminum and secured to the housing with four #10 recessed and self-retained stainless steel screws. The exterior shall contain four cored holes for securing external shielding accessories. The inner perimeter of the door casting shall incorporate a channel, designed to compress the O-ring gasket in the housing at two points, providing a "dual seal" to prevent the entrance of contaminants and moisture.

HEAVY DUTY SWIVEL

The swivel shall be a two-piece die-cast aluminum assembly, designed to mount directly to a 2" pipe tenon (2.38" O.D.). Swivel shall incorporate two access panels in the side for wire access to the cULus recognized splice compartment. Swivel shall mount to the luminaire housing with two diecast hubs for additional mounting support and locking capability to withstand the toughest of environmental conditions and shall allow for infinite aiming positions within its aiming range.

YOKE

The luminaire yoke shall be of formed aluminum 0.25" thick and 2.00" wide. Yoke shall allow for infinite aiming positions within its aiming range. Yoke version shall be equipped with a watertight connector and 3' of 16/3 STO-W cord.

REFLECTOR

The luminaire yoke shall be of formed aluminum 0.25" thick and 2.00" wide. Yoke shall allow for infinite aiming positions within its aiming range. Yoke version shall be equipped with a watertight connector and 3' of 16/3 STO-W cord.

ELECTRICAL MODULE

Luminaire shall be cULus listed for use in wet locations and manufactured from UL recognized electrical components. Electrical assembly is easily accessible through the reflector module. Each high power factor ballast is capable of starting temperatures down to -20°F (-28.9°C) and shall be CWA. The socket shall be a mogul-based porcelain socket with a 4KV rating.

LAMP

Luminaire shall accept the following lamps:

50PMH, 70PMH, 100PMH, 150PMH	ED17
70HPS, 100HPS, 150HPS	B17
175PMH, 250PMH	ED28

To obtain the highest level of lighting quality, it is recommended to replace lamps before reaching predicted lamp life per manufacturer's and IES guidelines. It is also recommended to group re-lamp to maintain uniformity and performance.

REMOTE MOUNTED BALLAST BOX (250MH)

Ballast shall be housed in a cast aluminum housing with heat dissipating fins and supplied with (2) watertight connectors. Ballast box shall have a cast aluminum cover and is secured with (6) plated steel fasteners. Ballast shall be capable of mounting at a distance of 200 ft. (based on 10-gauge wire and 1% voltage drop). The cast aluminum alloy shall contain less than 2/10 of 1% copper for resistance to corrosion including marine applications.

FINISH

Finished parts are washed in a multistage phosphate processing system and finished with a polyester urethane powder coat paint. Standard colors are dark bronze, black, white, and natural aluminum. Contact factory for nonstandard colors.



701 Millennium Blvd • Greenville, SC 29607 • TEL 864.678.1000 FAX 864.678.1417 • www.sternerlighting.com

In the interest of continuous product improvement, Sterner Lighting reserves the right to change specifications without notice.



Hubbell Lighting, Inc.

POLARIS-6

ORDERING SEQUENCE

Item Sequence:

ORDER NUMBER:

1	2	3	4	5	6	7	8	9	10
HOUSING	LAMP WATTAGE	BEAM PATTERN	VOLTAGE	BALLAST	MODEL STYLE	MOUNTING OPTIONS	SHIELD OPTIONS	GENERAL OPTIONS	FINISH
PL6	50PMH 70PMH 100PMH 150PMH 175PMH ^{1,5,7} 250PMH ^{1,5,7}	SP ^{1,7} RN RM RW HPN ^{1,3,7} HPM ^{1,7} HPW ^{1,7}	120 208 240 277 347 480	C	SW YK ⁴	PD WM DP ST (swivel only) (yoke only) N	TS ² 4S ² EC ² BD ² SG ²	FL SC ⁴ PCL ⁵	BK BZ WH AL NS ⁶

70HPS³
100HPS³
150HPS³

Notes: 1 175PMH & 250PMH use remote ballast box; 2ft max distance, for longer distances contact factory
2 Standard shield finish is black unless otherwise specified
3 'HPN' distribution only available in HPS
4 'SC' safety cable in only available with 'YK' yoke version

5 'PCL' option not available with remote box version
6 Please supply chip to match or specify color for any 'NS' non-standard finish
7 175w PMH & 250w PMH not available with 'SP', 'HPN', 'HPM', and 'HPW' reflector options

1. HOUSING

(PL6)

2. LAMP WATTAGE

HALIDE

- (50PMH) ED17
- (70PMH) ED17
- (100PMH) ED17
- (150PMH) ED17
- (175PMH)* ED28
- (250PMH)* ED28

SODIUM

- (70HPS)³ B17
- (100HPS)³ B17
- (150HPS)³ B17

(* '175PMH & 250PMH' only available with remote ballast.)
(* '175PMH & 250PMH' not available with 'SP', 'HPM', 'HPW', 'BI', and 'PCL' options.)

3. BEAM PATTERN

- (SP)*
- (RN)
- (RM)
- (RW)
- (HPN)**
- (HPM)**
- (HPW)**

(* 'SP', 'HPM', 'HPW', not available in '250MH'.)
(** 'HPN' only available in 'HPS'.)
(SP=spot, R=rectangular, HP=high-point, N=narrow, M=medium, W=wide.)

4. VOLTAGE

- (120)
- (208)
- (240)
- (277)
- (347)
- (480)

5. BALLAST

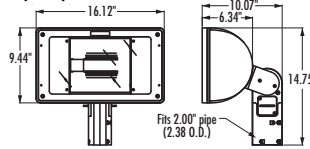
(C)* Core & Coil

(* Core & coil ballast is high-power factor and rated for -20°F (-28.9°C).)

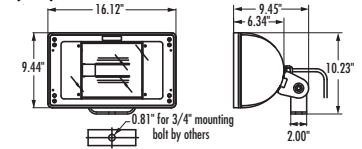
(* '250MH' uses remote ballast box.)

6. MODEL STYLE

(SW) Swivel



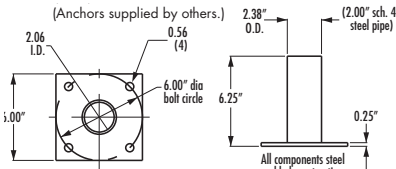
(YK) Yoke



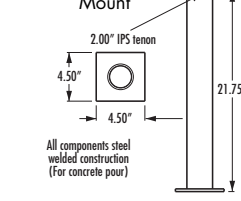
7. SWIVEL MOUNTING OPTIONS

(DP* option automatically doubles the fixture quantity unless otherwise specified.)

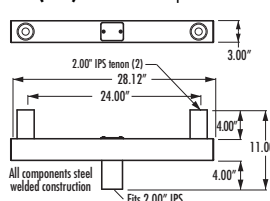
(PD) Base Pad



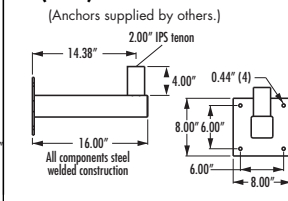
(ST) Stanchion Mount



(DP) Dual Post-Top Mount



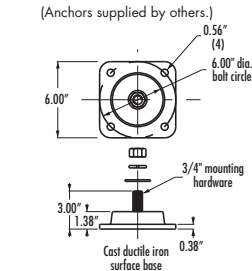
(WM) Wall Mount



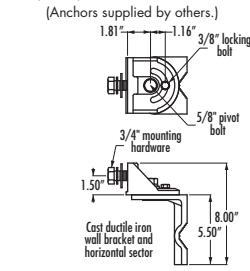
(N) Not Required

7. YOKE MOUNTING OPTIONS

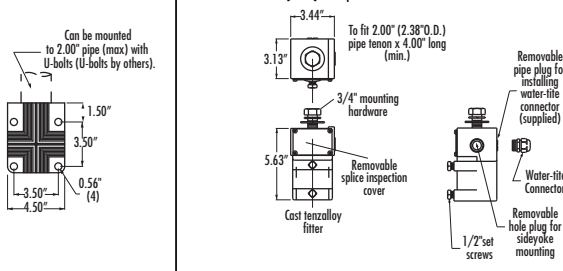
(PL) Base Plate



(WB) Wall Bracket



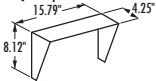
(SF) Slip Fitter



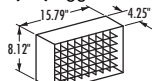
(N) Not Required

8. SHIELD OPTIONS

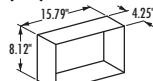
(TS) Top Shield



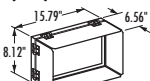
(EC) Egg Crate



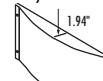
(4S) Four Sided



(BD) Barn Door



(SG)* Polycarbonate Stone



(N) Not Required

(* 'SG' not available with 'EC'.)

9. GENERAL OPTIONS

- (FL) Fuse Luminaire
- (SC) Safety Cable*
- (PCL)* Eye Dot Photocell
- (N) Not Required

NOTE: **'SC' safety cable only available with 'YK' yoke version

10. FINISH

- (BK) Black
- (BZ) Dark Bronze
- (WH) White
- (AL) Natural Aluminum
- (NS)* Non-Standard

(* Please supply metal color chip or supply RAL# for any 'NS' finish.)

REMARKS :