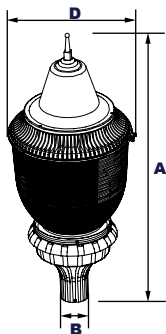




Shown with Spear Finial

## Dimensions



<b>Diameter (D)</b>	16 $\frac{1}{2}$ " (416mm)
<b>Height with Fleur-De-Lis (A)</b>	40" (1016mm)
<b>Height with Spear (A)</b>	39 $\frac{1}{2}$ " (1003mm)
<b>Inner Diameter (B)</b>	3 $\frac{1}{2}$ " (79mm)
<b>Outer Diameter (B)</b>	3 $\frac{9}{16}$ " (84mm)

## Project Information:

<b>Project Name:</b>	<b>Fixture Type:</b>
<b>Complete Catalog #:</b>	<b>Date:</b>
<b>Comments:</b>	

The Incon 9100AM Amber Reagon 25 Deluxe Historic Post Top Luminaires are available in a Type III and Type V distributions designed to replace HID lighting systems up to 250w MH or HPS for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. The fixture mounts to a pole top tenon. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Sand Cast Aluminum Housing, Includes Mounting Hardware. Decorative Spun Aluminum Cap. Finals Have Spun Aluminum Base with Cast Aluminum Fleur-De-Lis or Spear. Stamped and Formed Heavy Duty Aluminum Clamp Bands. Available as Standard Clamp Band, Deluxe Clamp Band with Decorative Band, or Premium Clamp Band with Three Decorative Supports. Includes Black Oxide Mounting Hardware.

#### Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

#### Finish:

Textured Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

#### Lens:

LexaLite Lindy Prismatic Acrylic Globes, Type III or Type V, with 9" Neck.

#### Mounting Options:

Accommodates "P3" 2 $\frac{7}{8}$ " O.D. x 3" Tenons

#### AmberLED:

Aluminum Boards; Array has IP67 rating

#### Wattage:

46w Array: 46w, System: 52w (175w HID Equivalent)  
78w Array: 77.6w, System: 82w (250w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz: Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with Incon Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

#### Warranty:

5-Year Warranty for -40°C to +50°C Environment.

## Certification & Listings:



**Ordering Guide:**

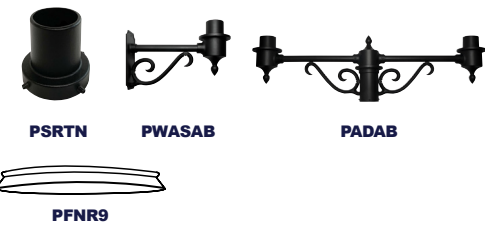
Model	Globe	Finial	Optics	Wattage	Driver	CCT	Color	Options
9100AM=Deluxe Reagon 25 Historic Post Top Luminaire	3=Type III 5=Type V	F=Fleur-de-lis S=Spear	QF=Type V	1X46=46w 1X78=78w	U=120-277V	AM=1400K	B=Black C=Custom (Consult Factory)	<b>P2AB</b> =PSRTN Tenon Adaptor, Black <b>P2AC</b> =PSRTN Tenon Adaptor, Custom Color (Consult Factory) <b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>S2</b> =Microwave Sensor with Dimming for Mounting Heights of 8 to 40"* <b>S4</b> =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19"* *120-277V Model Only

**Order Information Example: 9100AM3FQF1X46UAMBSF**

**Accessories & Replacement Parts:**

Mounting Accessories (Order Separately, Field Installed)	
PSRTN*	Retrofit Tenon Adaptor, Die Cast with Powdercoat Finish, Hardware Included. Converts a 2 3/4" x 4" Pole Tenon to a 2 1/4" x 3" Tenon.
PWASAB	Single Decorative Wall Mount Bracket, Aluminum with Black Powdercoat Finish, Includes Stainless Steel Hardware. Accepts 3" Diameter Fitters. 10" High x 15" Overall Length.
PADAB	Dual Head Decorative Pole Arm, Aluminum with Black Powdercoat Finish, Fits 3" Tenon, Includes Stainless Steel Hardware. Accepts 3" Diameter Fitters. 13" High x 43" Overall Width.
PFNR9	9" Neck Ring. Used to Prevent Neck Cracking Caused by Over-Tightening Screws During Installation.

\*Specify Color: B=Black, C=Custom (Consult Factory)



Replacement Parts (Order Separately, Field Installed)	
PFINFDLB	Decorative Fleur-de-lis Finial with Spun Aluminum Base and Cast Aluminum Finial. Black Powdercoat Finish, 1/4" IP (1/2" OD) Threaded Mounting Rod.
PFINSPEB	Decorative Spear Finial with Spun Aluminum Base and Cast Aluminum Finial. Black Powdercoat Finish, 1/4" IP (1/2" OD) Threaded Mounting Rod.
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz



**EPA (Effective Projected Area)**

Model	Gross EPA	Drag EPA	Net EPA
Reagon 25 Models w/ Fitter	2.44	1.22	1.59
PADAB Dual Arm	1.42	0.71	0.92

Gross EPA - Square Feet of Vertical Plane Surface  
 Drag EPA - Gross EPA Adjusted for Drag Factor (.5)  
 NET EPA - Drag EPA x Safety Factor of 1.3

**EPAs ARE APPROXIMATE, SPECIFIC TO LOCATION AND LOCAL CODES. CONSULT ENGINEER FOR SPECIFIC APPLICATION**

**Spectral Chart**

