

**Type:**  
**Job:**  
**Catalog number:**

**Approvals:**

\_\_\_\_\_ / **BNM** / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

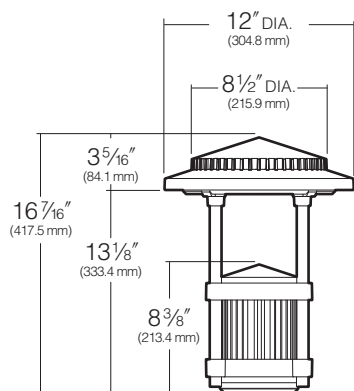
Mtg.    Fixture    Electrical Module    Finish    Options  
See page 2    See page 3    See pages 4 - 5

**Date:**  
**Page: 1 of 5**

Select pole from Kim Pole Catalog (**PRA** or **KRS**). Omit for **1W** Wall Mount.

## Specifications

35 to 150 watt HID  
42 watt Compact Fluorescent  
18, 27 or 36 LED



**Hood and Lens Frame:** Die-cast, low copper (<0.6% Cu) aluminum alloy with stainless steel hinge. Hood is opened by loosening three stainless steel captive button-head socket cap screws. 3/16" thick clear flat tempered glass lens seals against the lens frame by a one-piece molded silicone gasket. Lens frame seals against the hood by a one-piece extruded and vulcanized silicone gasket.

**Reflector Module:** Specular Alzak® optical segments are rigidly mounted within an aluminum frame and fastened securely to the hood. A porcelain medium base socket rated 4KV is provided for HID, and a GX24q-3 universal socket is provided for fluorescent. No reflector provided for LED.

**Body Support:** Die-cast, low copper (<0.6% Cu) aluminum alloy flanges compress a ribbed extruded aluminum chamber. The four heavy wall extruded aluminum support rods are mechanically fastened to the lens frame with stainless steel fasteners. The support rods are held in position through die-cast arms and mechanically fastened at the bottom with a custom aluminum bolt. The electrical wiring is channeled through a support rod with a brass bushing. The die-cast aluminum cover is held with two captive stainless steel screws.

**StarView™ Black Ballast Cover:** Die-cast, low copper (<0.6% Cu) aluminum alloy, retained by two captive stainless steel screws. Matte black finish to eliminate bounce light. See page 5.

**Electrical Module:** Factory mounted to a rigid harness attached inside the body support. Access is by removal of the die-cast aluminum cover.

**HID:** High Power Factor with starting temperatures of -20°F for PMH and -40°F for HPS lamp modes. **Fluorescent:** High Power Factor with starting temperature of 0°F.

**LED Optical System:** A total of 9 LED emitters configured in a rectangular array comprised together as a module. Two (2) modules for 18 LED version; three (3) modules for 27 LED version; and four (4) modules for 36 LED version. Available in 3500K and 5100K.

**LED Driver:** Rated for 18 or 36 LED. Universal voltage from 120 to 277V with a ±10% tolerance. -40°F starting temperature. All drivers are Underwriters Laboratories recognized.

**Finish/Color:** Finish is super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings			
ETL <sup>1</sup> to UL Standards 1598 & 8750	IP66 Rated	CE	25C Ambient
Full Cut Off <sup>2</sup>			
IDA Rated - FS - Full Shielded			

<sup>1</sup>Suitable for wet locations

<sup>2</sup>Dark Sky Legislation Compliant

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U.S. Patent D473,333S

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


## Standard Features

**Electrical Module**

**PMH** = Pulse Start Metal Halide  
**HPS** = High Pressure Sodium  
**PL** = Compact Fluorescent  
**LED** = Light Emitting Diode

Lamp Lamp Line  
 Watts Type Volts  
**100 HPS 277**  
 For PMH, HPS and PL.  
 See footnote 3 below for LED

Cat. Nos. for Electrical Modules available:

	Pulse Start Metal Halide					
	<input type="checkbox"/> 35PMH120	<input type="checkbox"/> 70PMH120	<input type="checkbox"/> 100PMH120	<input type="checkbox"/> 150PMH120		
	<input type="checkbox"/> 35PMH208	<input type="checkbox"/> 70PMH208	<input type="checkbox"/> 100PMH208	<input type="checkbox"/> 150PMH208		
	<input type="checkbox"/> 35PMH240	<input type="checkbox"/> 70PMH240	<input type="checkbox"/> 100PMH240	<input type="checkbox"/> 150PMH240		
	<input type="checkbox"/> 35PMH277	<input type="checkbox"/> 70PMH277	<input type="checkbox"/> 100PMH277	<input type="checkbox"/> 150PMH277		
	<input type="checkbox"/> 35PMH347	<input type="checkbox"/> 70PMH347	<input type="checkbox"/> 100PMH347	<input type="checkbox"/> 150PMH347		
Lamp	T-6, Clear	ED-17 Coated	T-6 Clear	ED-17, Coated	ED-17 Coated	T-6 Clear
Socket	G12 Base	Medium	G12 Base	Medium Base	Medium	G12 Base
ANSI Ballast	M-130	M-98		M-140 / M-90	M-102	
	High Pressure Sodium			Compact Fluorescent		
	<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 150HPS120	<input type="checkbox"/> 42PL120 <sup>1,2</sup>		
	<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208	<input type="checkbox"/> 42PL208 <sup>1,2</sup>		
	<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240	<input type="checkbox"/> 42PL240 <sup>1,2</sup>		
	<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277	<input type="checkbox"/> 42PL277 <sup>1,2</sup>		
	<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347			
Lamp	ED-17, Coated	ED-17, Coated	ED-17, Coated	Coated		
Socket	Medium Base	Medium Base	Medium Base	GX24q-3 Base		
ANSI Ballast	S-62	S-54	S-55			
	LED					
	<input type="checkbox"/> 18L3KUV <sup>3</sup>	<input type="checkbox"/> 27L3KUV <sup>3</sup>	<input type="checkbox"/> 36L3KUV <sup>3</sup>			
	<input type="checkbox"/> 18L5KUV <sup>3</sup>	<input type="checkbox"/> 27L5KUV <sup>3</sup>	<input type="checkbox"/> 36L5KUV <sup>3</sup>			
						
	IES Type 1	IES Type 3	IES Type 5			
Lamp	LED	LED	LED			
Socket	N/A	N/A	N/A			

<sup>1</sup> Operates one 42W triple tube compact fluorescent lamp at 120 through 277 volts (50-60 Hz).

<sup>2</sup> Remote battery pack and test switch available for 42W compact fluorescent lamps - consult factory.

**NOTE:** Lamp and electrical data supplied for reference purposes only. All initial lumen values shown may vary from one manufacturer to another. Consult lamp manufacturer's data for exact lumen and life data.

To reduce shadowing from the luminaire support arms, coated lamps are recommended.

**WARNING:** Fixtures must be installed and grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury. For lamp/ballast information outside of the U.S.A. and Canada, please consult our local Kim representative. Lamps by others.

<sup>3</sup> For LED, 18L = 18 LED Emitters; 36L = 36 LED Emitters; 3K = 3500K color temperature; 5K = 5100K color temperature; UV = Universal Voltage from 120 to 277V with a ± 10% tolerance.

**Finish**

Super TGIC powder coat paint over a titanated zirconium conversion coating.

Color: Black Dark Bronze Light Gray Stealth Gray™ Platinum Silver White Custom Color<sup>4</sup>  
 Cat. No.:  BL  DB  LG  SG  PS  WH  CC

<sup>4</sup>Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: \_\_\_\_\_

Type:

Job:

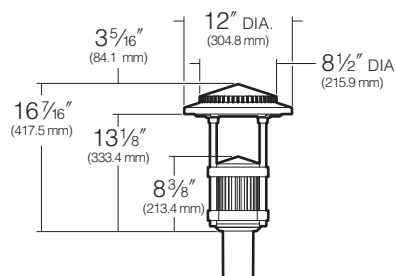
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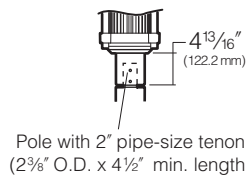
## Standard Mountings

### Specifications

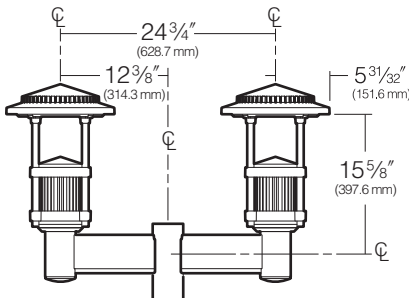
#### Flush Mount (FM)



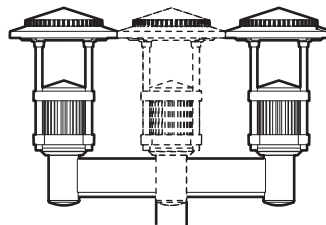
#### Post Tenon Top (PT)



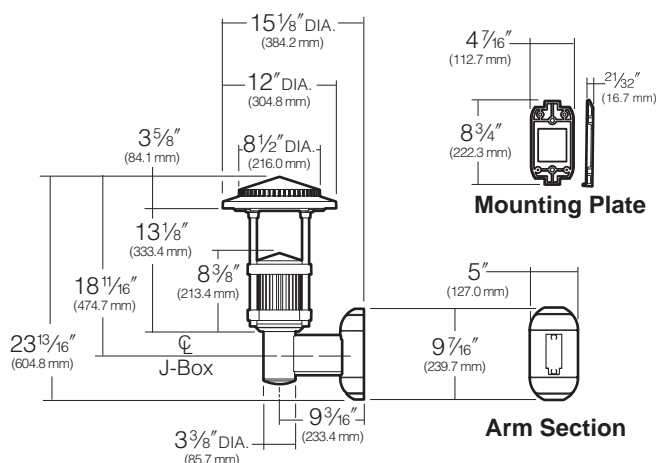
#### Twin Arm Mount (2B)



#### Quad Arm Mount (4C)



#### Wall Mount (1W)



Mount by one of the following:

**Flush Mount (FM):** Flush Mount to any 4" round pole with a wall thickness not more than .188" thick. A spreader assembly is provided to grip the inside surface of the pole. A single spreader bolt is accessible through the body support. (Other pole sizes, consult factory).

**Pole Tenon Mount (PT):** Pole Tenon Mount to any 2" pipe tenon (2 3/8" OD). A cast tenon adaptor is provided to slip-fit the tenon. (Other tenon sizes, consult factory).

**Twin Arm Mount (2B):** Side pole arm assemblies are provided to mount directly to the side of any pole surface. Specify square or round pole size when ordering. An extruded aluminum riser and arm is provided with extension rods and cast end caps. A steel backing plate is provided to reinforce the interior of the pole.

**Quad Arm Mount (4C):** Side pole arm assemblies are provided to mount directly to the side of any pole surface. Specify square or round pole size when ordering. An extruded aluminum riser and arm is provided with extension rods and cast end caps. A steel backing plate is provided to reinforce the interior of the pole.

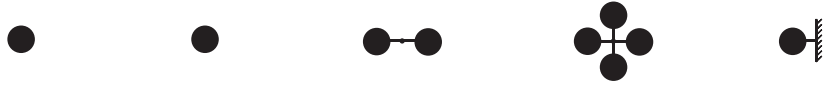
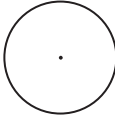
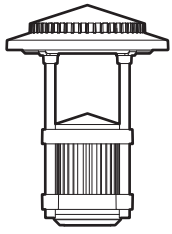
**Wall Mounting (1W):** Wall mount arm is provided to attach to a flat surface. A cast mounting plate of aluminum, mounted to the wall with bolts (by others). Fixture and arm are then mounted to a cast aluminum cover plate before attaching to the wall mounting plate. The fixture-arm-cover plate assembly is hooked to the wall mounting plate, and secured with stainless steel screws provided. After mounting to the wall, field splices are made at the opening in the cover plate, then covered by a cast aluminum plate that blends with the cover plate design. Complete fixture-arm-cover plate assembly can therefore be mounted before field splices are made. Cover plate is finished to match arm and fixture powder coat color.

**Caution:** Structural integrity of mounting plate attachment to wall is by others.

Type:  
 Job:



## Standard Features

<p><b>Mounting:</b></p>	<p>Plan View:</p>  <p>EPA: 1.0 1.0 3.0 4.5 n/a        Cat. No.: <input type="checkbox"/> <b>FM</b> <input type="checkbox"/> <b>PT</b> <input type="checkbox"/> <b>2B</b> <input type="checkbox"/> <b>4C</b> <input type="checkbox"/> <b>1W</b></p> <p>Flush Mount Tenon Mount Twin Mount Quad Mount Wall Mount</p>
<p><b>Fixture:</b>        Cat. No. designates <b>BNM</b> fixture and light distribution.</p>	<p><b>Horizontal Lamp Flat Glass Lens</b></p>   <p>Light Distribution: Type V Round</p> <p>Cat. No.: <b>BNM</b></p>

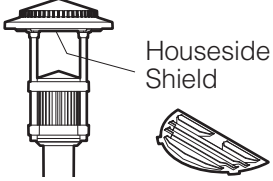

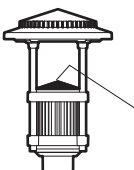
Type:

Job:

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## Optional Features

<p><b>Houseside Shield</b>          Cat. No. <input type="checkbox"/> <b>HS</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Optional shield made of stamped louvered aluminum allows streetside light to pass while blocking houseside light. Blackened reflector panels within the reflector also reduces the houseside reflection.</p>	 <p>Houseside Shield</p>
<p><b>Textured Glass Lens</b>          Cat. No. <input type="checkbox"/> <b>TG</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Unique textured glass reduces LED glare and improves visual comfort.</p>	
<p><b>Fusing</b>          Cat. No. <b>(see right)</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>High temperature fuse holders factory installed inside the fixture housing. Fuse is included.</p> <p>Line Volts:    120V                    208V                    240V                    277V                    347V          Cat. No.:    <input type="checkbox"/> <b>SF</b>                    <input type="checkbox"/> <b>DF</b>                    <input type="checkbox"/> <b>DF</b>                    <input type="checkbox"/> <b>SF</b>                    <input type="checkbox"/> <b>SF</b></p>	
<p><b>Base Socket</b>          Cat. No. <input type="checkbox"/> <b>G12</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Available for 35W, 70W and 150W metal halide T-6 bi-pin lamps. Must use UV filtering lamp.</p>	
<p><b>Emergency Battery Back-up</b>          Cat. No. <input type="checkbox"/> <b>EM</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Internal battery pack provides 90 minutes of supplemental light at 750 lumens on 42 watt compact fluorescent lamps only.</p>	 <p>Battery Back-up</p>
<p><b>StarView™ Black Ballast Cover</b>          Cat. No. <input type="checkbox"/> <b>BBC</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>For locations where complete cutoff optical control is desired, Kim's StarView™ optional matte black ballast cover can be specified. This option reduces the indirect uplight distribution for use in areas where light pollution and trespass is a concern and to promote celestial visibility at night.</p>	 <p>Black Ballast Cover</p>