

Arms & Poles Selection Guide



Contemporary & Heritage Luminaire Families

Arms & Poles Selection Guide

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KIM LIGHTING

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Contemporary and Heritage Solutions

Northeast town planners typically need a particular lighting standard to reflect their community’s federal or colonial history. Southern and southwestern specifiers may prefer heritage designs to coordinate with aristocratic, Spanish, or rural architecture. A growing Midwest metropolis might seek contemporary solutions for a new high-tech business center, and university architects are often interested in renaissance, gothic, or Greek revival accents. Whatever the period, style, or detail required, Kim Lighting can provide the right luminaire with the right performance and the right design solution.

Specify reliability. Specify experience. Specify architectural relevance.
Always specify Kim Lighting.

Complete Luminaire Collection

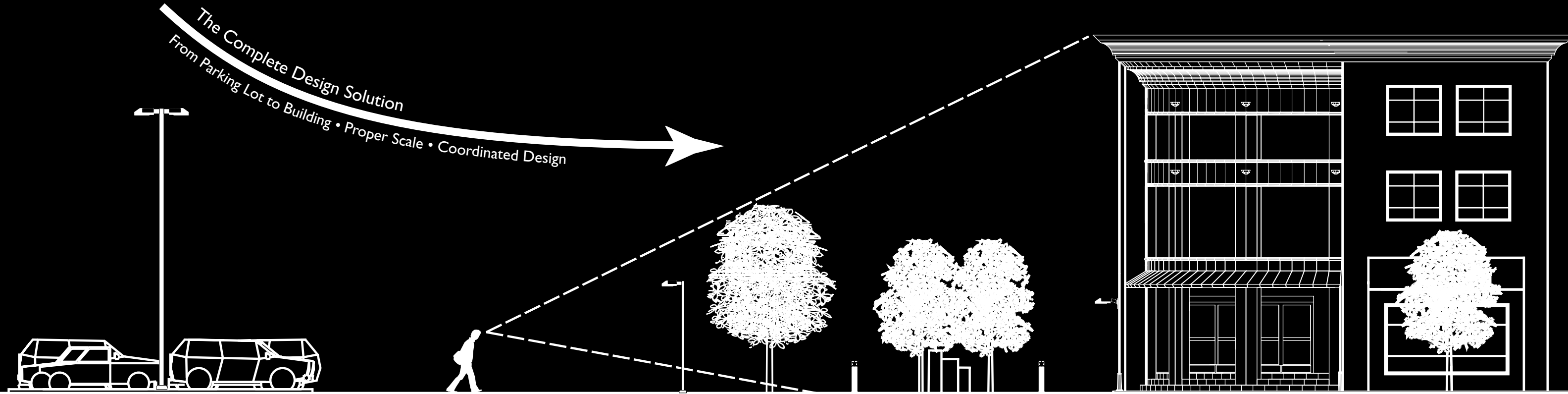
This specification guide represents the complete collection of Kim site and roadway lighting families matched with a wide selection of high impact architectural arms and poles for installation on any contemporary or traditional project. For complete electrical and optical fixture specifications, please refer to individual Kim Lighting luminaire catalogs or visit www.kimlighting.com.

- Kim Lighting offers the widest variety of contemporary and heritage luminaires armatures, poles and accessories available.
- Kim Lighting offers unlimited mix-and-match customization options to create the exact luminaire solution that accurately blends with the surrounding architecture and environment.
- Kim Lighting offers unique online tools and lighting configurators to make selection and visualization simpler.
- And Kim Lighting offers the highest quality gold standard service, product construction, and photometric performance in the industry.

Kim's Theory of Relativity

At Kim Lighting, products are developed in context as they relate to Detail, Performance and Proportion: Detail, to connect fixture appearance to the site and architectural elements; Performance, to provide high visibility while using energy efficiently; and Proportion, to reflect the proximity to structures as well as site occupants.

Lighting practice is a blend of aesthetic design, performance and effect. Integrating outdoor lighting with site architecture is the key to Kim Lighting's Theory of Relativity.



Site/Roadway Zone



The Site/Roadway Zone requires large scale sources, mounted high and spaced widely. Parking lots and roadways require luminaires on 20'-40' poles to efficiently light these large areas. Therefore, this lighting sets the design style for all other lighting zones as you progress towards the building. Select large version luminaires for this zone.

Pedestrian Zone



Pedestrian Zone luminaires are mounted lower and provide higher illumination levels to draw attention and enhance security. As an observer leaves the parking lot and transitions to pedestrian areas, poles should decrease in height to 10' – 16'. In addition, luminaires should decrease in scale, as human perception of proportion is keen at this level. Select small version luminaires for this zone, and select a finish that will integrate well with the fixture's primary background elements.

Landscape/Pathway Zone



Landscape/Path Zone fixtures are closest to occupants, delineate paths and connect the site with the structure itself. The Building/Perimeter luminaires should continue to disappear, blending into the landscape and hardscape elements. Select from a wide range of low voltage, line voltage, and LED landscape luminaires.

Building/Perimeter Zone



The Building/Perimeter Zone requires design intimate with physical architectural elements. Lighting practice is a blend of aesthetic design, performance and effect. Avoid installing pole-mounted luminaires close to the building, as they tend to dominate the architecture. However, Kim Lighting suggests wall mounted luminaires to reduce daytime detection of building mounted equipment.

Online Configurator



Remove the uncertainty and anxiety associated with customization of outdoor site, roadway, and pedestrian scale luminaires. Kim Lighting offers a fun, unique, and free online tool specifically for creating complete Kim Lighting traditional luminaires with Kim Lighting heritage fixtures, arms, and poles, including Era Lantern's options.

Designers can even upload their own digital photo backgrounds to "virtually" visualize their installations before deciding. It's quick, it's easy, and no sign up is required. Visit www.kimlighting.com for details and immediate access.

Try it now at www.kimlighting.com

Easy luminaire customization wizard

Choose a Head

LET19DC/MDL

Choose an Arm

HA37S

Choose a Pole

HSAF

Choose a Base

HBC2

Choose a Head

LET19SS/LEAF

Choose an Arm

HA02S

Choose a Pole

HAS

Choose a Base

HBC1

From wizard to rendering in seconds...

Even upload your own project backgrounds...



Easy Online Wizard



Accurate luminaire rendering



Contemporary Arm Mounted Luminaires

Product Selection Guide



**Archetype®
AR/SAR**
Modern architecture often integrates curvilinear, rectilinear, classical, and neoclassical styles into a single structure. The eclectic shape of The Archetype readily adapts to and universally complements contemporary architectural design.



**AC Series ACA21/
ACA27**
The bold look of the AC Series with its distinguishing “backbone” that structurally ties its post-top or side-arm mounting to the pole, AC employs a soft curvilinear form that reduces wind loading and visual mass when compared to bulky square fixtures.



**Entablature®
ET/SET**
The Entablature has been created as the “chameleon” of rectilinear luminaires. It can be whatever the specifier wants it to be; a contemporary box luminaire reflecting the latest in industrial design, or an intriguing extension of the surrounding architecture.



**Structural™
STL/STS/STX**
Structural represents a breakthrough concept. Never before has a Site/Area luminaire offered such versatility in complementing architectural design. Structural’s elegant form is an orchestrated combination of simple shapes in a dynamic architectural luminaire.



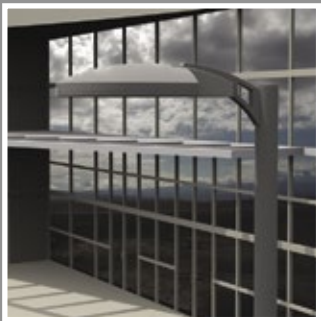
**Matrix™
MX21A**
The Matrix Series is a product family offering a wide range of mounting and performance features. The symmetric square body, pyramid roof, and fine detail produce luminaires of exceptional design flexibility, thus satisfying the most demanding outdoor lighting requirements.



**Curvilinear
CC17/21/25/29A**
The CC/CCS Series of performance luminaires are conceived as a total integration of design and technology. Kim’s third generation of Curvilinear Cutoff luminaires represents the most current technology in specification-grade outdoor lighting.



**VL Series
VLA17/21/25/29**
The strong architectural lines of the Kim VL Series luminaires are a combination of aesthetics and robust engineering, producing the defining form and function in vertical lamp technology.



**WARP9®
WP9**
Kim Lighting’s WARP9 visual stealth luminaire and unique hollow arm design combination are recommended for use with Kim’s round contemporary poles and its exclusive Stealth Gray™ finish. Specify WARP9 with round poles on pages 52-59. Refer to WARP9 luminaire catalog for additional details.

1. Select an Arm



Standard Arm



Swept Solid Arm
p. 18



Swept Hollow Arm
p. 19



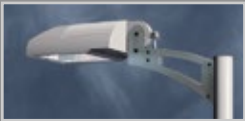
Upsweep Solid Arm
p. 20



Upsweep Hollow Arm
p. 21

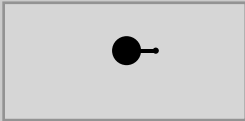


Uplift Adjustable Arm
p. 22



Uplift Adjustable Stainless Arm
p. 23

2. Select a Mount



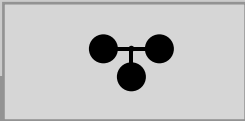
Single



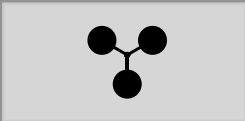
Twin



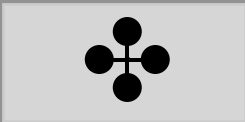
L-Mount



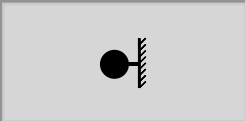
T-Mount



Y-Mount



Quad Mount

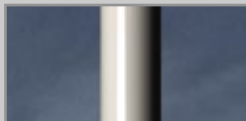


Wall Mount

3. Select a Pole



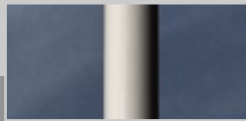
Round Aluminum
p. 52



Round Steel
p. 54



Tapered Round Aluminum
p. 56



Tapered Round Steel
p. 58



Square Aluminum
p. 60



Square Steel
p. 62



Tapered Square Steel
p. 64

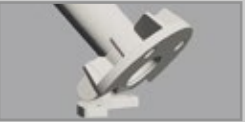
4. Select Options



Standard & Custom Finishes
See representative for custom colors



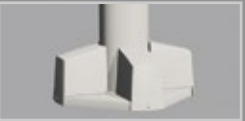
Structural Accents
p.74



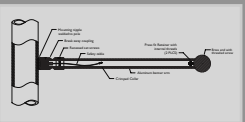
Hinged Pole Base



Duplex Receptacle



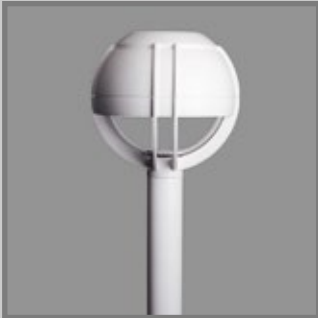
Anchor Bolt Covers



Break Away Banner Arm
p. 51

Contemporary Post-Top Luminaires

Product Selection Guide



NeoSphere™
NS1/2/3/4

The sphere is a classic architectural form. It was the first contemporary shape used in outdoor lighting when the modern architectural era became rooted. During the 1960s the sphere was so widely used, it's still an industry standard.



AC Series
ACP21/ACP27

The bold look of the AC Series with its distinguishing "backbone" that structurally ties its post-top or side-arm mounting to the pole, AC employs a soft curvilinear form that reduces wind loading and visual mass when compared to bulky square fixtures.



Wide Throw
WTH/WTV

A pedestrian scale luminaire requires a specific design approach that distinguishes it from larger street and area lighting fixtures. The optical system must provide a wider distribution to produce uniformity from lower mounting heights. At lower mounting heights, luminaire designs must produce a unified look with the pole so the viewer perceives them as a single component.



Curvilinear
CCI7/21/25/29P

The CC/CCS Series of performance luminaires are conceived as a total integration of design and technology. Kim's third generation of Curvilinear Cutoff luminaires represents the most current technology in specification-grade outdoor lighting.



Matrix™
MX21A

The Matrix Series is a product family offering a wide range of mounting and performance features. The symmetric square body, pyramid roof, and fine detail produce luminaires of exceptional design flexibility, thus satisfying the most demanding outdoor lighting requirements.



Axial Flood™
AXF21/22/23/24/26/27
AXF31/32/33/34/36/37

Kim Lighting's Axial Flood high power architectural floodlighting family is compatible with Kim's contemporary and heritage poles series. Refer to the Axial Flood luminaire brochure for armature mounting and additional details.



VL Series
VLP17/21/25/29

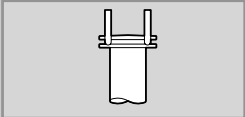
The strong architectural lines of the Kim VL Series luminaires are a combination of aesthetics and robust engineering, producing the defining form and function in vertical lamp technology.



OTS Series
OTS600

Kim Lighting's OTS Outdoor Tube System is compatible with PBTS 6" round aluminum poles only on pages 52 -53. Refer to OTS luminaire catalog for complete system details.

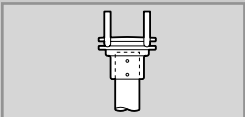
I. Select a Mount



Flush



Tenon



Direct

2. Select a Pole



Round Aluminum
p. 52



Round Steel
p. 54



Tapered Round Aluminum
p. 56



Tapered Round Steel
p. 58



Square Aluminum
p. 60

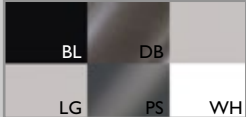


Square Steel
p. 62



Tapered Square Steel
p. 64

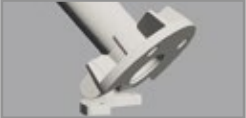
3. Select Options



Standard & Custom Finishes
See representative for custom colors



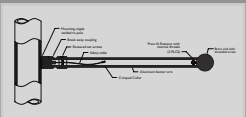
Base Covers
p.74



Hinged Pole Base



Duplex Receptacle



Break Away Banner Arm
p. 51

Heritage Arm Mounted Luminaires

Product Selection Guide



**Era® Lantern
LE19/26**
Finding a 2-in-1 high performance area light that also blends with the surrounding period environment has always been difficult, but Kim Lighting's Era® Lantern Series finally solves this dilemma and with a complete family of customizable high performance pole or wall mounted heritage luminaires.



**Solitaire™
SRS**
Inspired by lantern style gas luminaires, Solitaire is a classic, yet relevant to current architecture. Should a little more traditional appearance be desired, the luminous top option adds definition without reducing area lighting capability.



**Era®
RA**
Inspired by the growth of the "Heritage Style" in design, the Era adds a new dimension to applying the superior performance of Kim optical systems. Optically identical to other Kim Site/Roadway systems, the Era offers an alternative to rectilinear shapes, without compromising performance.



**NeoSphere™
NS1/2/3/4**
The sphere is a classic architectural form. It was the first contemporary shape used in outdoor lighting when the modern architectural era became rooted. During the 1960s the sphere was so widely used, it's still an industry standard.



**Era® Acorn
AE**
Kim Lighting has reinvented the classic acorn luminaire, using state-of-the-art optics to create a heritage look that meets all of the performance demands of today's outdoor lighting. The Era Acorn retains the classic acorn-shaped enclosure, but in a clear material that allows full optical performance with very low brightness.



**Bounce®
BNS/I**
Kim Lighting's Bounce Series combines European elegance with high performance direct and indirect area illumination for pedestrian zones. The Bounce series is compatible with Kim's heritage and contemporary pole series. Refer to the Bounce luminaire brochure for armature mounting and additional details.



**Era® Bell
BE**
The Era Bell utilizes a flat glass lens for full cutoff performance, satisfying the most demanding light control specifications. A true modern-day performance luminaire in classic configurations.



**MiniBounce™
BNM**
Specify Kim Lighting's MiniBounce series as a scaled companion to the larger Bounce series, perfect for pedestrian and pathway lighting, and compatible with Kim's heritage and contemporary pole series. Refer to the MiniBounce luminaire brochure for armature and wall mounting, and additional details.

I. Select an Arm



Side Pole Crook
p. 32



Side Pole Swept Cast Arm
p. 34

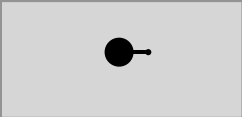


S-Shaped
p. 36

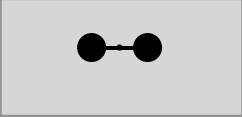


Neo-Classic
p. 38

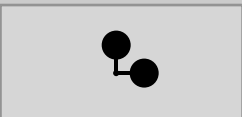
2. Select an Mount



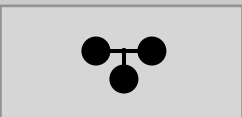
Single



Twin



L-Mount



T-Mount

3. Select a Pole



Stepped Aluminum Smooth
p. 68

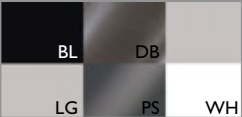


Stepped Aluminum Fluted
p. 70



Round Aluminum
p. 72

4. Select Options



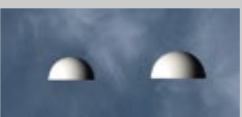
Standard & Custom Finishes
See representative for custom colors



Decorative Base Cover
p. 74



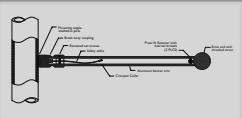
Traditional Base Cover
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Pole Top Dome
p. 74



Pole Top Finials
p. 74



Break Away Banner Arm
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Ribbon with Scroll
p. 39 - 40



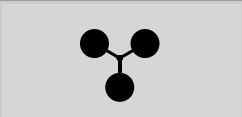
Ribbon with Gusset
p. 41 - 42



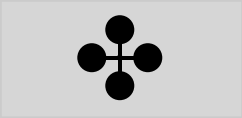
Ribbon with Brace
p. 43 - 44



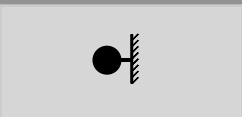
Ribbon Scroll & Brace
p. 45 - 46



Y-Mount



Quad Mount



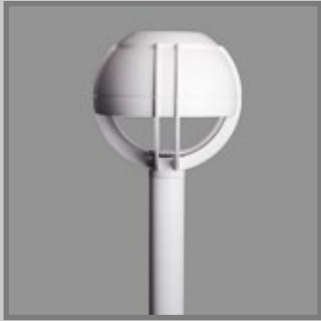
Wall Mount

Heritage Post-Top Luminaires

Product Selection Guide



**Era® Lantern
LE**
Finding a 2-in-1 high performance area light that also blends with the surrounding period environment has always been difficult, but Kim Lighting's Era® Lantern Series finally solves this dilemma and with a complete family of customizable high performance pole or wall mounted heritage luminaires.

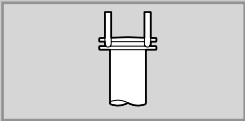


**NeoSphere™
NSI/2/3/4**
The sphere is a classic architectural form. It was the first contemporary shape used in outdoor lighting when the modern architectural era became rooted. During the 1960s the sphere was so widely used, it's still an industry standard.

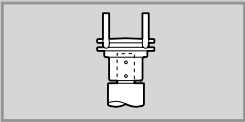


**Solitaire™
SRS**
Inspired by lantern style gas luminaires, Solitaire is a classic, yet relevant to current architecture. Should a little more traditional appearance be desired, the luminous top adds definition without reducing area lighting capability.

I. Select a Mount



Flush



Tenon

2. Select a Pole



Stepped Aluminum Smooth
p. 68



Stepped Aluminum Fluted
p. 70



Round Aluminum
p. 72

4. Select Options



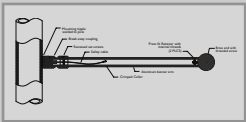
Standard & Custom Finishes
See representative for custom colors



Decorative Base Cover
p. 74



Traditional Base Cover
p. 74



Break Away Banner Arm
p. 51



**Bounce®
BNS**
The Bounce luminaire design combines the look of contemporary European lanterns with the cutoff control and optical performance provided in every Kim area lighting product.

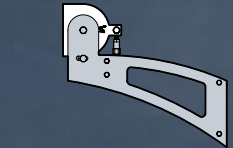
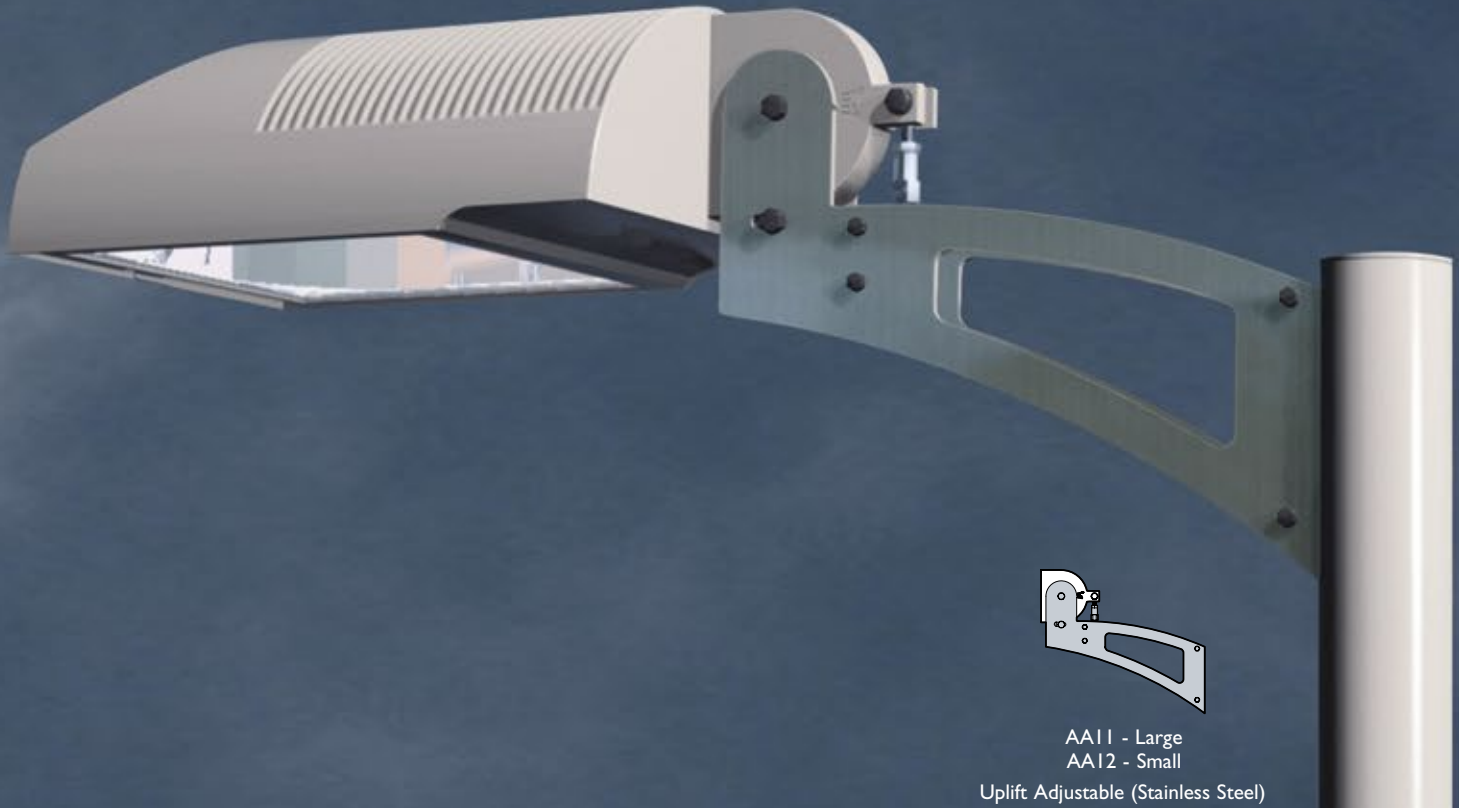


**MiniBounce™
BNM**
MiniBounce is ideal for traditional or contemporary architecture requiring a striking European accent, especially in commercial, retail, hospitality, and multi-family residential projects.

Contemporary Arm Series

Contemporary Arm Matrix	16
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Upsweep Hollow Arm	21
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Arm/Fixture EPA Guide	25

Modern Style and Performance

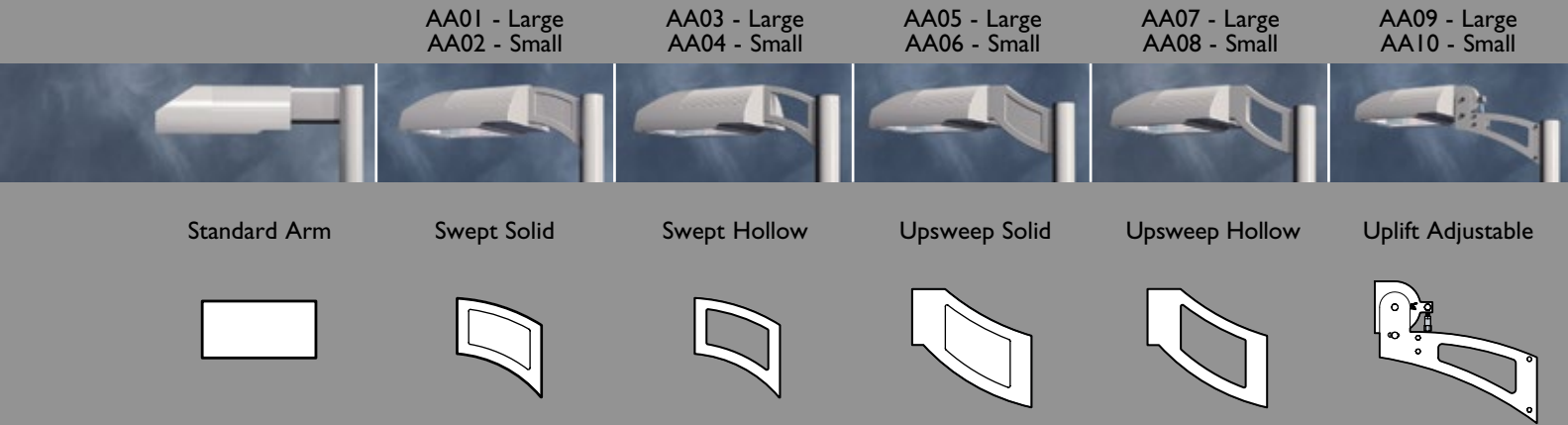


AA11 - Large
AA12 - Small
Uplift Adjustable (Stainless Steel)

Architectural Arms Collection

Character. Distinction. Panache. Vitality. All these words describe the aesthetic transformation that takes place when one of Kim’s new Architectural Arms is mated to a Kim Architectural Luminaire. For decades, the straight arm has been the standard in outdoor lighting, having a strictly functional purpose. Now, Kim arm-mounted fixtures can have additional architectural character by utilizing one of five distinct mounting arms. These five arms, coupled with seven Kim product families, equals 35 new looks that can be created with the finest high-performance outdoor luminaires available. In addition, each arm can be used for a matching wall mount, creating a cohesive design appearance for the entire site.

Note: Always refer to the specific luminaire catalog and the ordering information page within that catalog. Place the optional Architectural Arm catalog number as an “Option” to the pole specification.

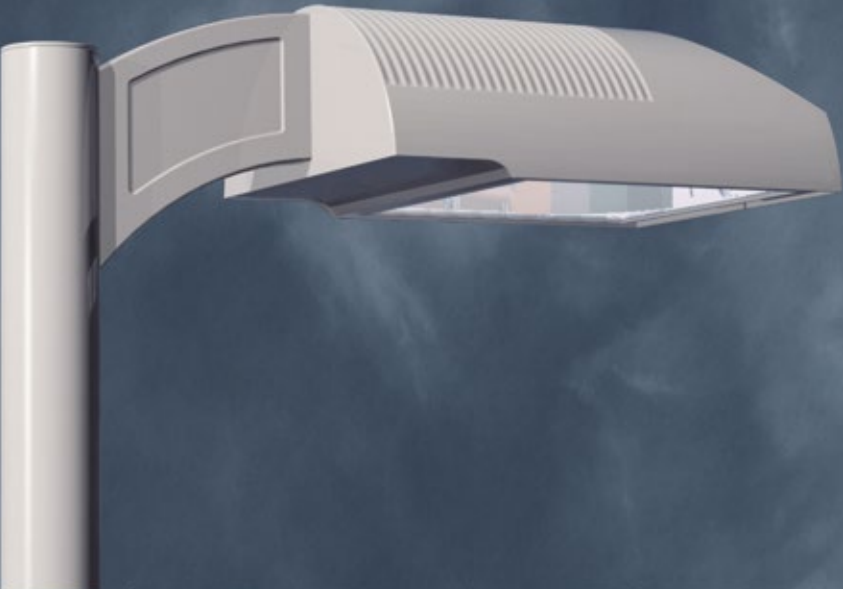


Contemporary Arm Matrix

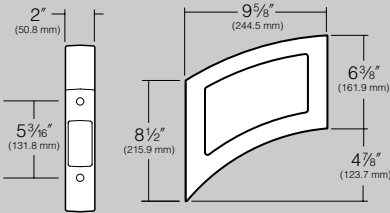
Arm	Archetype®	Structural®	AC Series	Entablature®	Matrix®	Curvilinear Cutoff	Vertical Lamp
<div>Swept Solid Arm - AA01</div> <div></div> <div>p. 18</div>							
<div>Swept Hollow Arm - AA03</div> <div></div> <div>p. 19</div>							
<div>Upsweep Solid Arm - AA05</div> <div></div> <div>p. 20</div>							
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<div>Uplift Adjustable Arm - AA09</div> <div></div> <div>p. 22</div>							
<div>Uplift Adjustable Arm - AA11</div> <div></div> <div>Stainless Steel</div> <div>p. 23</div>							

Swept Solid Arm• AA01 / AA02

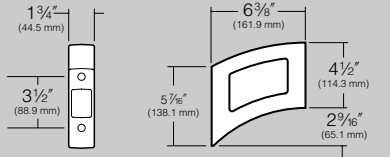
Swept Hollow Arm• AA03 / AA04



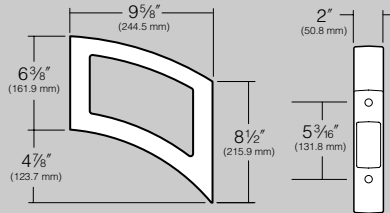
AA01 • Large



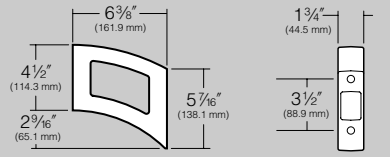
AA02 • Small



AA03 • Large



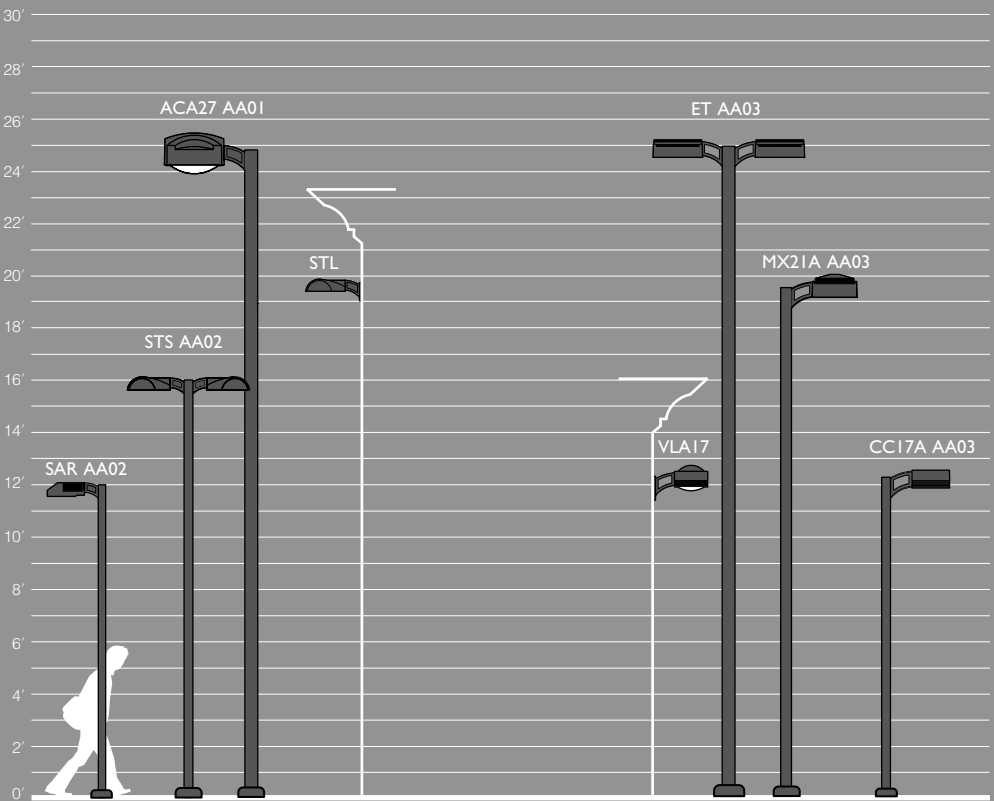
AA04 • Small



Specifications

Arm: One-piece casting of 356 alloy, low-copper (<0.6% Cu) aluminum. Bottom of arm is open for access to mounting hardware and wiring, enclosed by a flush mounted cast aluminum cover retained by a single stainless steel screw. Attachment to pole is by concealed 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture color.



Specifications

Arm: One-piece casting of 356 alloy, low-copper (<0.6% Cu) aluminum. Bottom of arm is open for access to mounting hardware and wiring, enclosed by a flush mounted cast aluminum cover retained by a single stainless steel screw. Attachment to pole is by concealed 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture color.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B /	AR3 /	250HPS277 /	WH /	AA01
	Twin	Archetype	250HPS277V	White	Swept Solid

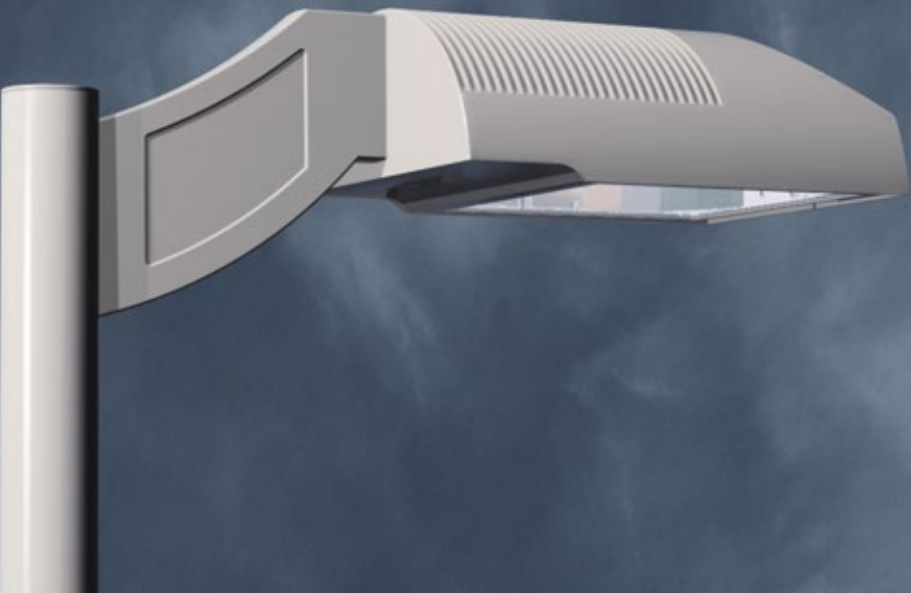
Note: Refer to page 25 for Arm/Fixture EPA.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B /	AR3 /	250HPS277 /	WH /	AA03
	Twin	Archetype	250HPS277V	White	Swept Hollow

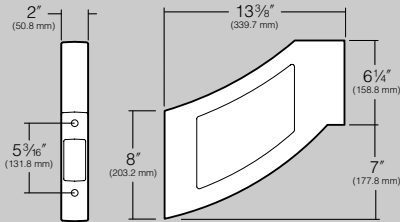
Note: Refer to page 25 for Arm/Fixture EPA.

Upsweep Solid Arm• AA05 / AA06

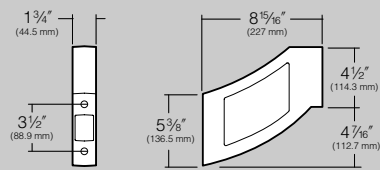
Upsweep Hollow Arm• AA07 / AA08



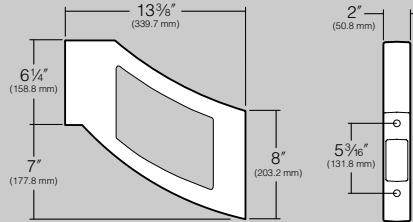
AA05 • Large



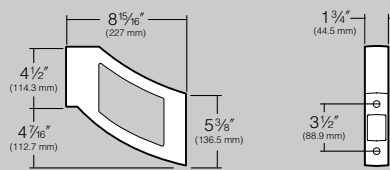
AA06 • Small



AA07 • Large



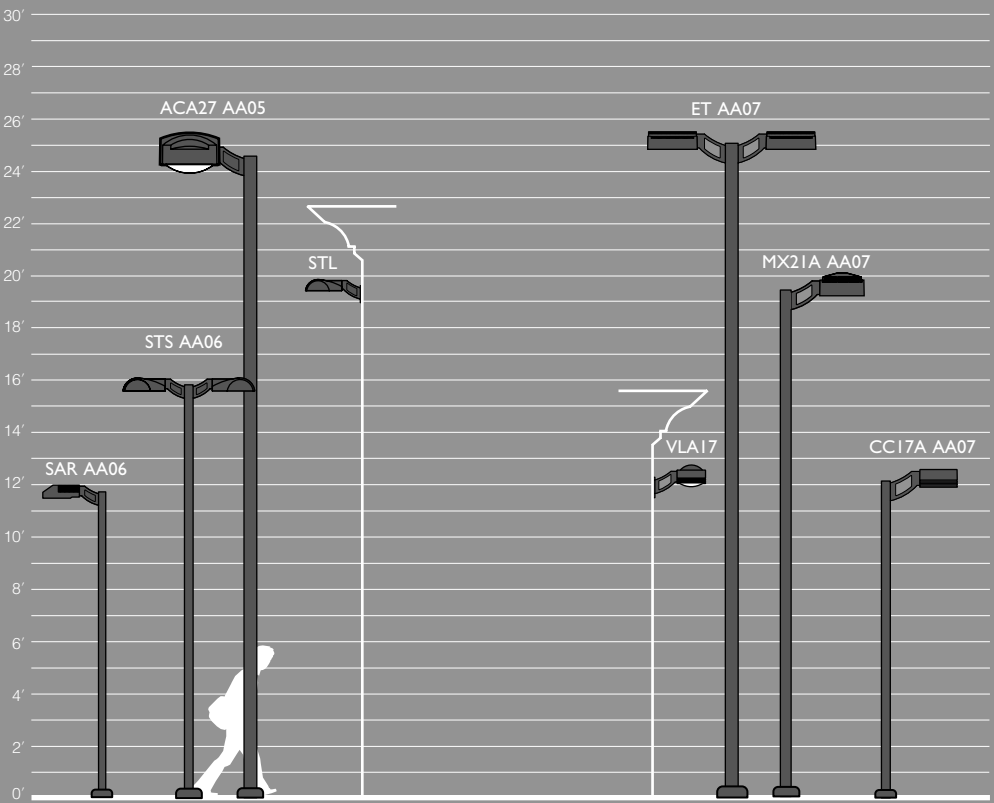
AA08 • Small



Specifications

Arm: One-piece casting of 356 alloy, low-copper (<0.6% Cu) aluminum. Bottom of arm is open for access to mounting hardware and wiring, enclosed by a flush mounted cast aluminum cover retained by a single stainless steel screw. Attachment to pole is by concealed 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture color.



Specifications

Arm: One-piece casting of 356 alloy, low-copper (<0.6% Cu) aluminum. Bottom of arm is open for access to mounting hardware and wiring, enclosed by a flush mounted cast aluminum cover retained by a single stainless steel screw. Attachment to pole is by concealed 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture color.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B	AR3	250HPS277	WH	AA05
	Twin	Archetype	250HPS277V	White	Upsweep Solid

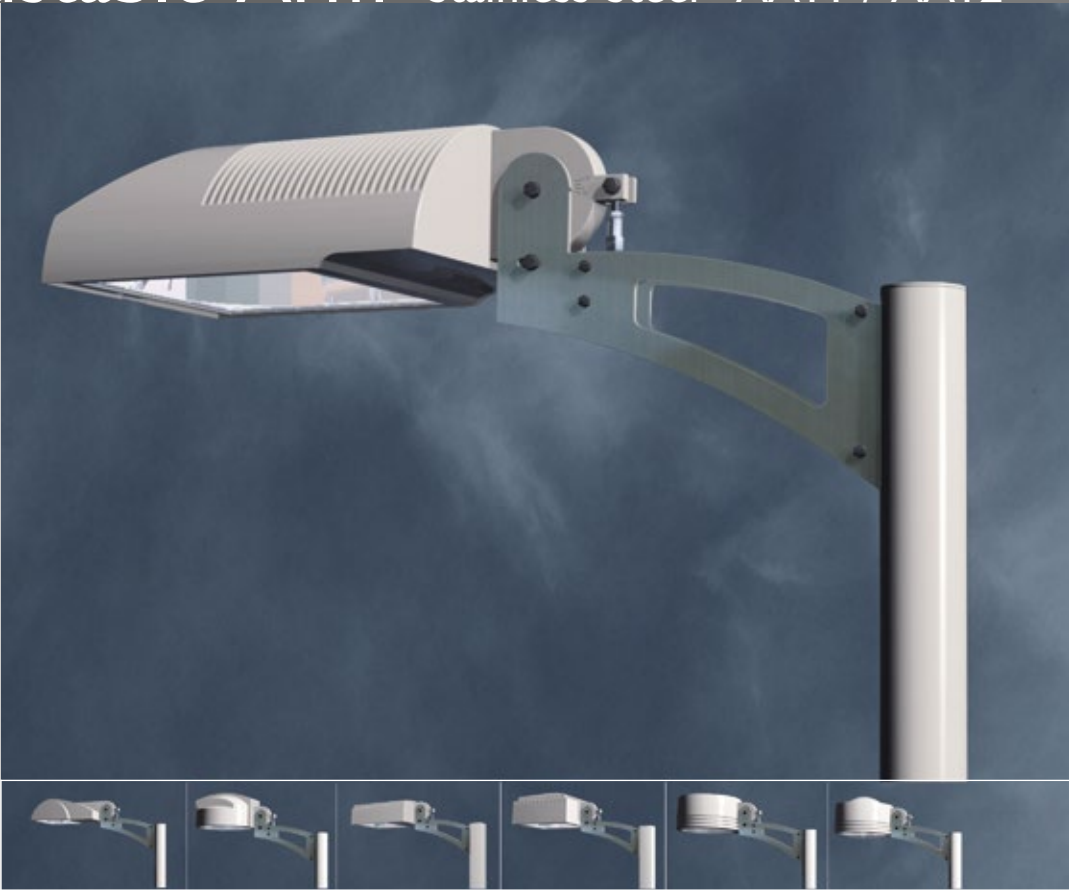
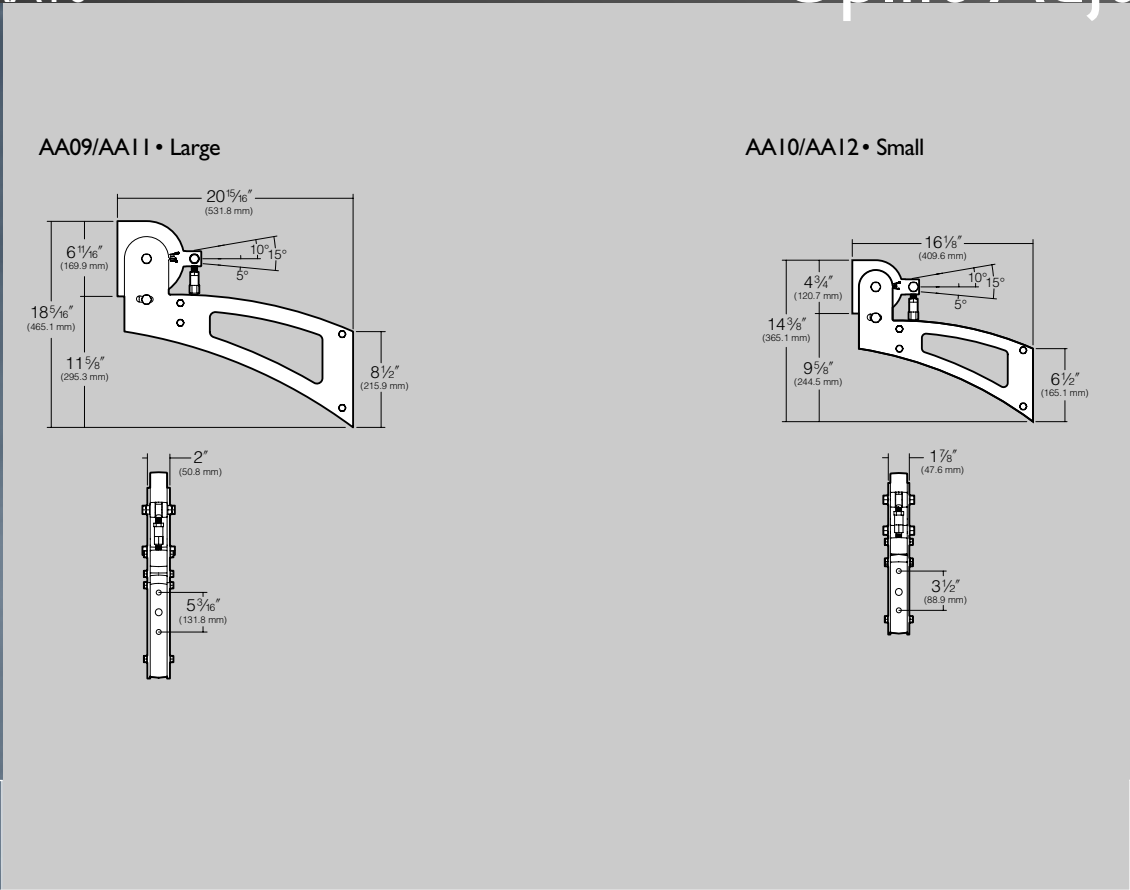
Note: Refer to page 25 for Arm/Fixture EPA.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B	AR3	250HPS277	WH	AA07
	Twin	Archetype	250HPS277V	White	Upsweep Hollow

Note: Refer to page 25 for Arm/Fixture EPA.

Uplift Adjustable Arm • AA09 / AA10

Uplift Adjustable Arm • Stainless Steel • AA11 / AA12



Specifications

Arm: Constructed of cast aluminum spacer blocks sandwiched between stamped aluminum side panels. Spacer blocks are cast of 356 alloy, low-copper (<0.6% Cu) aluminum. Side panels are stamped from 6061-T1 aluminum sheet, .188" thick for small arm, and .250" thick for large arm. A stainless steel turnbuckle allows for upward fixture tilt from horizontal to +5°, -10° in unlimited smooth increments. Arm assembly is held together by 3/8" stainless steel bolts with a black oxide finish. Wiring from the luminaire to the pole is braided stainless steel jacketed cable. Attachment to pole is by 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture, except for the stainless steel model that has natural brushed side panels.

Ordering Information

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B	AR3	250HPS277	WH	AA09
	Two	Archetype	250HPS277V	White	Uplift Adjustable

Note: Refer to page 25 for Arm/Fixture EPA.



Specifications

Arm: Constructed of cast aluminum spacer blocks sandwiched between stamped stainless steel side panels. Spacer blocks are cast of 356 alloy, low-copper (<0.6% Cu) aluminum. Side panels are stamped from .125" thick stainless sheet with a natural brushed finish. A stainless steel turnbuckle allows for upward fixture tilt from horizontal to +5°, -10° in unlimited smooth increments. Arm assembly is held together by 3/8" stainless steel bolts with a black oxide finish. Wiring from the luminaire to the pole is braided stainless steel jacketed cable. Attachment to pole is by 3/8" stainless steel hex head bolts threaded into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and ground connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed 3/8" galvanized rods threaded into the arm, projecting into the fixture where 3/8" nuts and washers secure the mounting.

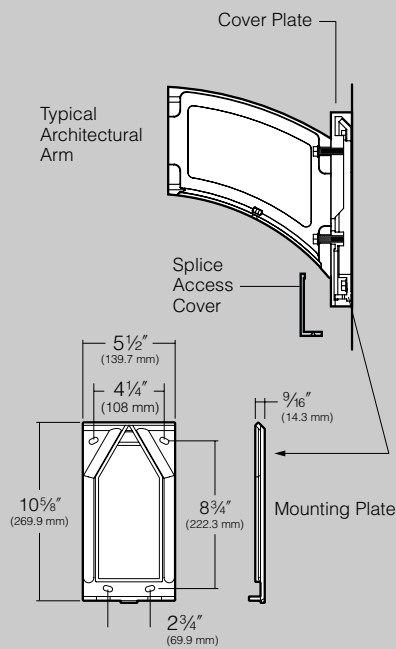
Finish: Kim's premium Super TGIC thermoset polyester powder coat, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating. Arm color is always provided to match the selected fixture, except for the stainless steel model that has natural brushed side panels.

Ordering Information

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	2B	AR3	250HPS277	WH	AA11
	Two	Archetype	250HPS277V	White	Uplift Adjustable

Note: Refer to page 25 for Arm/Fixture EPA.

Wall Mounting• For All Arms



Specifications

A cast mounting plate of 356 alloy, low-copper (<0.6% Cu) aluminum, is mounted to the wall with bolts (by others). Fixture and arm are mounted to a cast 356 alloy 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 356 alloy 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.

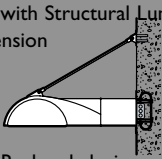
Caution: Structural integrity of mounting plate attachment to wall is by others.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option				
	IW	/	AR3	/	250HPS277	/	WH	/	AA01
	Wall	Archetype	250HPS277V	White	Swept Solid				

Wall Mounted Structural Options

For use with Structural Luminaire standard straight arm only

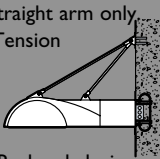
Singe Tension



TSP-W: Rod and clevis painted to match fixture.

TSN-W: Stainless Steel rod with nickel plated clevis.

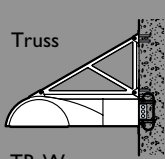
Double Tension



TSP-W: Rod and clevis painted to match fixture.

TSN-W: Stainless Steel rod with nickel plated clevis.

Truss

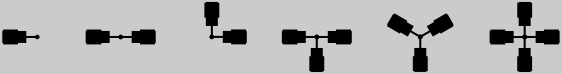


TR-W

Arm/Fixture EPA Guide

Mounting Configuration

Plan Views:



Cat. No.	1A	2B	2L	3T	3Y	4C
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The Archetype®		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
SAR	Standard	0.7	1.4	1.2	1.9	1.9	2.5
	AA02	0.8	1.6	1.3	2.1	2.1	2.7
	AA04	0.7	1.4	1.2	1.9	1.9	2.5
	AA06	1.0	2.0	1.5	2.5	2.5	3.0
	AA08	0.8	1.6	1.3	2.1	2.1	2.7
	AA10/AA12	1.2	2.4	1.7	2.9	2.9	3.5
AR	Standard	1.2	2.4	2.0	3.2	3.2	3.9
	AA01	1.4	2.8	2.2	3.6	3.6	4.3
	AA03	1.1	2.2	1.9	3.0	3.0	3.7
	AA05	1.7	3.4	2.5	4.2	4.2	4.9
	AA07	1.2	2.4	2.0	3.2	3.2	3.9
	AA09/AA11	1.9	3.8	2.7	4.6	4.6	5.3

The Entablature®		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
SET	Standard	1.0	2.0	1.5	2.4	2.2	2.7
	AA02	1.1	2.2	1.6	2.6	2.4	2.9
	AA04	1.0	2.0	1.5	2.4	2.2	2.7
	AA06	1.2	2.4	1.7	2.9	2.7	3.2
	AA08	1.0	2.0	1.5	2.4	2.2	2.7
	AA10/AA12	1.4	2.8	1.9	3.3	3.1	3.7
ET	Standard	1.8	3.6	2.6	4.1	3.9	4.7
	AA01	2.0	4.0	2.8	4.6	4.4	5.2
	AA03	1.6	3.2	2.4	3.8	3.6	4.4
	AA05	2.2	4.4	3.0	4.8	4.6	5.4
	AA07	1.8	3.6	2.6	4.1	3.9	4.7
	AA09/AA11	2.3	4.6	3.1	5.2	5.0	5.8

Structural™		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
STS	Standard	1.1	2.2	1.5	2.6	2.6	2.7
	AA02	1.0	2.0	1.4	2.4	2.4	2.5
	AA04	0.9	1.8	1.3	2.2	2.2	2.3
	AA06	1.1	2.2	1.5	2.6	2.6	2.7
	AA08	1.0	2.0	1.4	2.4	2.4	2.5
	AA10/AA12	1.3	2.6	1.8	3.1	3.1	3.5
STL	Standard	2.2	4.4	2.8	5.0	5.0	5.3
	AA01	2.2	4.4	2.8	5.0	5.0	5.3
	AA03	1.8	3.6	2.4	4.2	4.2	4.5
	AA05	2.4	4.8	3.0	5.4	5.4	5.7
	AA07	1.9	3.8	2.5	4.4	4.4	4.7
	AA09/AA11	2.6	5.2	3.2	5.8	5.8	6.1
STX	Standard	3.5	7.0	4.5	8.0	8.0	8.5
	AA01	3.1	6.2	4.1	7.2	7.2	7.7
	AA03	2.7	5.4	3.7	6.4	6.4	6.9
	AA05	3.3	6.6	4.3	7.6	7.6	7.9
	AA07	2.8	5.6	3.8	6.6	6.6	6.9
	AA09/AA11	3.5	7.0	4.5	8.0	8.0	8.5

Matrix™		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
MX21A	Standard	2.1	4.2	3.8	5.1	-	6.0
	AA01	2.2	4.4	3.9	5.3	-	6.2
	AA03	1.8	3.6	3.5	4.5	-	5.4
	AA05	2.4	4.8	4.1	5.7	-	6.6
	AA07	1.9	3.8	3.6	4.7	-	5.6
	AA09/AA11	2.6	5.2	4.3	6.1	-	7.0

Curvilinear Cutoff		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
CC17A	Standard	0.9	1.8	1.6	2.5	2.5	2.8
	AA01	1.3	2.6	2.0	3.3	3.3	3.6
	AA03	1.0	2.0	1.7	2.7	2.7	3.0
	AA05	1.5	3.0	2.2	3.7	3.7	4.0
	AA07	1.1	2.2	1.8	2.9	2.9	3.2
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
CC21A	Standard	1.2	2.4	2.2	3.4	3.4	3.9
	AA01	1.6	3.2	2.6	4.2	4.2	4.7
	AA03	1.3	2.6	2.3	3.6	3.6	4.1
	AA05	1.8	3.6	2.8	4.6	4.6	5.1
	AA07	1.4	2.8	2.4	3.8	3.8	4.3
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
CC25A	Standard	1.5	3.0	2.7	4.3	4.3	4.9
	AA01	1.7	3.4	2.9	4.6	4.6	5.1
	AA03	1.4	2.8	2.6	4.1	4.1	4.7
	AA05	1.9	3.8	3.1	5.1	5.1	5.7
	AA07	1.5	3.0	2.7	4.3	4.3	4.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
CC29A	Standard	1.8	3.6	3.3	5.2	5.2	5.9
	AA01	2.0	4.0	3.5	5.5	5.5	6.2
	AA03	1.7	3.4	3.2	4.9	4.9	5.6
	AA05	2.2	4.4	3.7	5.9	5.9	6.6
	AA07	1.8	3.6	3.3	5.2	5.2	5.9
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2

Vertical Lamp		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
VLA17	Standard	0.9	1.8	1.6	2.5	2.5	2.8
	AA01	1.3	2.6	2.0	3.3	3.3	3.6
	AA03	1.0	2.0	1.7	2.7	2.7	3.0
	AA05	1.5	3.0	2.2	3.7	3.7	4.0
	AA07	1.1	2.2	1.8	2.9	2.9	3.2
	AA09/AA11	1.8	3.6	2.5	4.3	4.3	4.6
VLA21	Standard	1.2	2.4	2.2	3.4	3.4	3.9
	AA01	1.6	3.2	2.6	4.2	4.2	4.7
	AA03	1.3	2.6	2.3	3.6	3.6	4.1
	AA05	1.8	3.6	2.8	4.6	4.6	5.1
	AA07	1.4	2.8	2.4	3.8	3.8	4.3
	AA09/AA11	2.1	4.2	3.1	5.2	5.2	5.7
VLA25	Standard	1.5	3.0	2.7	4.3	4.3	4.9
	AA01	1.7	3.4	2.9	4.6	4.6	5.1
	AA03	1.4	2.8	2.6	4.1	4.1	4.7
	AA05	1.9	3.8	3.1	5.1	5.1	5.7
	AA07	1.5	3.0	2.7	4.3	4.3	4.9
	AA09/AA11	2.2	4.4	3.4	5.4	5.4	6.9
VLA29	Standard	1.8	3.6	3.3	5.2	5.2	5.9
	AA01	2.0	4.0	3.5	5.5	5.5	6.2
	AA03	1.7	3.4	3.2	4.9	4.9	5.6
	AA05	2.2	4.4	3.7	5.9	5.9	6.6
	AA07	1.8	3.6	3.3	5.2	5.2	5.9
	AA09/AA11	2.5	5.0	4.0	6.5	6.5	7.2

AC Series		Mounting Cat. No.					
Fixture	Architectural Arm	1A	2B	2L	3T	3Y	4C
ACA21	Standard	1.8	3.6	2.8	4.0	4.0	4.2
	AA01	2.0	4.0	3.0	4.4	4.4	4.6
	AA03	1.6	3.2	2.6	3.6	3.6	3.8
	AA05	2.2	4.4	3.2	4.8	4.8	5.0
	AA07	1.7	3.4	2.7	3.8	3.8	4.0
	AA09/AA11	2.4	4.8	3.4	5.2	5.2	5.4
ACA27	Standard	2.7	5.4	3.6	5.9	5.9	6.3
	AA01	2.7	5.4	3.6	5.9	5.9	6.3
	AA03	2.3	4.6	3.2	5.1	5.1	5.4
	AA05	2.9	5.8	3.8	6.3	6.3	6.7
	AA07	2.4	4.8	3.3	5.3	5.3	5.7
	AA09/AA11	3.1	6.2	4.0	6.7	6.7	7.1

Heritage Arm Series

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Kim Lighting’s Heritage Arms Collection

Unlike contemporary luminaires where the fixture design is dominant over the pole, heritage style luminaires rely on the pole and arm to complete the overall design statement. Kim’s heritage style luminaires are designed to be simple and elegant fixtures that are universal in application, and not period-specific. Now, Kim has applied this same design approach to poles and arms, creating a system of components that assemble into a broad vocabulary of looks that complement Kim heritage style luminaires. In combination, Kim heritage style luminaires, arms, and poles provide an elegant outdoor lighting design statement that will stand the test of time.

Like all Kim products, these poles and arms are constructed of heavy cast and extruded aluminum components. Only low-copper-content aluminum is used to promote maximum longevity in the outdoor environment, and the finish is a premium powder coating applied over a titanated zirconium conversion coating for maximum adhesion. Simple, elegant and timeless, the Kim Era® Collection of products can provide a solution for every outdoor lighting application.

Standard Specifications on all Kim Lighting Heritage Arms

Finish: Premium Super TGIC thermoset polyester powder coating, 2.5 mil nominal thickness, applied over a Titanated Zirconium Conversion Coating. Arm color is always provided to match the selected pole and luminaire color.

Optional Wall Mount for HA02, HA11, HA12, HA13, HA14, HA31, HA32, HA33, HA34: A cast aluminum mounting bracket is furnished for attachment to the wall. Cast aluminum wall mounting plate pre-attaches to wall with bolts. (Attachment bolts and wall strength by others.) Cast aluminum fixture mounting arm is mounted to cast aluminum wall plate with stainless steel bolts or rods (supplied with mounting arm). Complete arm assembly can be mounted before field wiring splices are made. Wall cover plate has a removable cast aluminum cover for field splice access. All components are mechanically attached with no visible welds or fasteners. All wall components are finished to match fixture.

Note: Always refer to the specific luminaire catalog, and the ordering information page within that catalog. Place the optional Era® Collection Arm number between the Mounting Configuration and Fixture catalog numbers.

Period Style. Modern Performance.



Post Top Crook



Side Pole Crook



Post Top Swept Cast Arm



Side Pole Swept Cast Arm



Side Pole S-Shaped Up Cast Arm



Side Pole S-Shaped Down Cast Arm



Side Pole Neo-Classical Arm



Side Pole Ribbon Arm with Top Scroll



Side Pole Ribbon Arm with Bottom Scroll



Side Pole Ribbon Arm with Top Gusset



Side Pole Ribbon Arm with Bottom Gusset



Side Pole Ribbon Arm with Top Brace



Side Pole Ribbon Arm with Bottom Brace


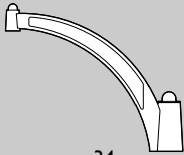
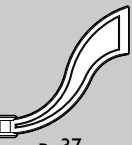



Side Pole Ribbon Arm with Top Brace and Bottom Scroll



Extruded Arm with Top Brace and Bottom Gusset

Heritage Arm Matrix - HA01 through HA14

Arm	Era®	Era® Acorn	Era® Bell	Era® Lantern - Top Mount	Era® Lantern - Bottom Mount	Solitaire®	NeoSphere®
Post Top Crook Arm - HA01  p. 32					n/a	n/a	n/a
Side Pole Crook Arm - HA02  p. 33					n/a	n/a	n/a
Post Top Swept Cast Arm - HA03  p. 34					n/a	n/a	n/a
Side Pole Swept Cast Arm - HA11  p. 35							
Side Pole S-Shaped Up Cast Arm - HA12  p. 36							
Side Pole S-Shaped Down Cast Arm - HA13  p. 37	n/a	n/a	n/a	not recommended			
Side Pole Neo-Classic - HA14  p. 38					n/a	n/a	n/a

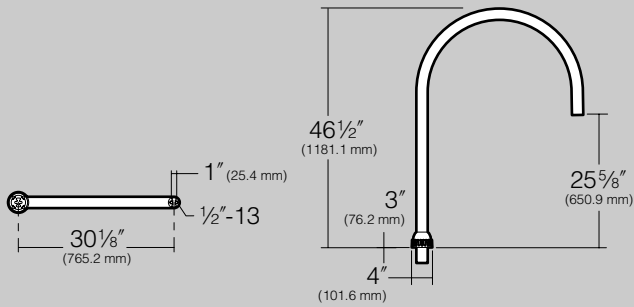
Heritage Arm Matrix - HA31 through HA38

Arm	Era®	Era® Acorn	Era® Bell	Era® Lantern - Top Mount	Era® Lantern - Bottom Mount	Solitaire®	NeoSphere®
Side Pole Ribbon Arm with Top Scroll - HA31  p. 39					not recommended	n/a	n/a
Side Pole Ribbon Arm with Bottom Scroll - HA32  p. 40	n/a	n/a	n/a	not recommended			
Side Pole Ribbon Arm with Top Gusset - HA33  p. 41					not recommended	n/a	n/a
Side Pole Ribbon Arm with Bottom Gusset - HA34  p. 42	n/a	n/a	n/a	not recommended			
Side Pole Ribbon Arm with Top Brace - HA35  p. 43					not recommended	n/a	n/a
Side Pole Ribbon Arm with Bottom Brace - HA36  p. 44	n/a	n/a	n/a	n/a			
Side Pole Ribbon Arm with Top Brace & Bottom Scroll - HA37  p. 45					not recommended	n/a	n/a
Side Pole Ribbon Arm with Top Brace & Bottom Gusset - HA38  p. 46					not recommended	n/a	n/a

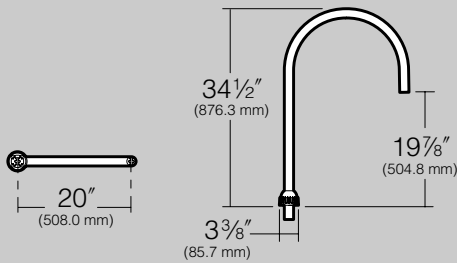
Post Top Crook Arm • HA01S / HA01L



HA01L • Large



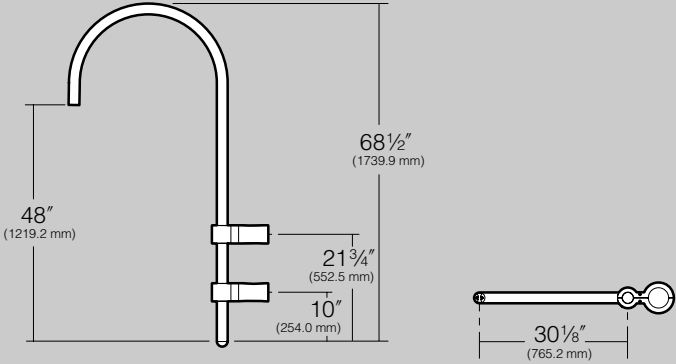
HA01S • Small



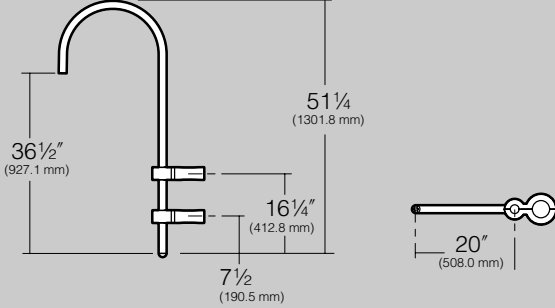
Side Mount Crook Arm • HA02S / HA02L



HA02L • Large



HA02S • Small



Specifications

Arm: One-piece, extruded aluminum, pole top mounted crook arm with cast hub and cover. Crook Arm slip fits into, and is secured to an internal extruded pole adaptor with stainless steel allen-head cap bolts. Stainless steel bolts secure cover to internal extruded pole adaptor. Arm-to-luminaire attachment is by concealed stainless steel bolts, projecting into the crook arm to secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4". Large arms mount to pole top O.D. of 4". Note: Pole must have internal pole adaptor.

ORDERING EXAMPLE:	HSAS20-534188A	HA01S	/	WH
	Pole	Post Top Crook		White

Mounting Configuration

Plan View:			
Mounting Cat. No.:	IA	IA	IA
Arm/Fixture EPA:	HA01L - RA25: 1.8	AE21/BE21: 1.7	LET26: 1.9
	HA01S - RA17: 1.1	AE17/BE17: 1.0	LET19: 1.3

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.



Specifications

Arm: One-piece, extruded aluminum, side-mounted crook arm with cast aluminum covers. Crook Arm is secured to the pole with 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. Stainless Steel bolts secure 2-piece decorative covers to pole adaptor. Arm-to-luminaire attachment is by concealed stainless steel rods, nuts and washers, projecting into the crook arm to secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Optional Wall Mount: (See page 49) Cast aluminum wall mounting plate pre-attaches to wall with bolts (by others). A cast cover with crook attachments hangs on mounting plate during field wiring and fastening. Splice cover supplied.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

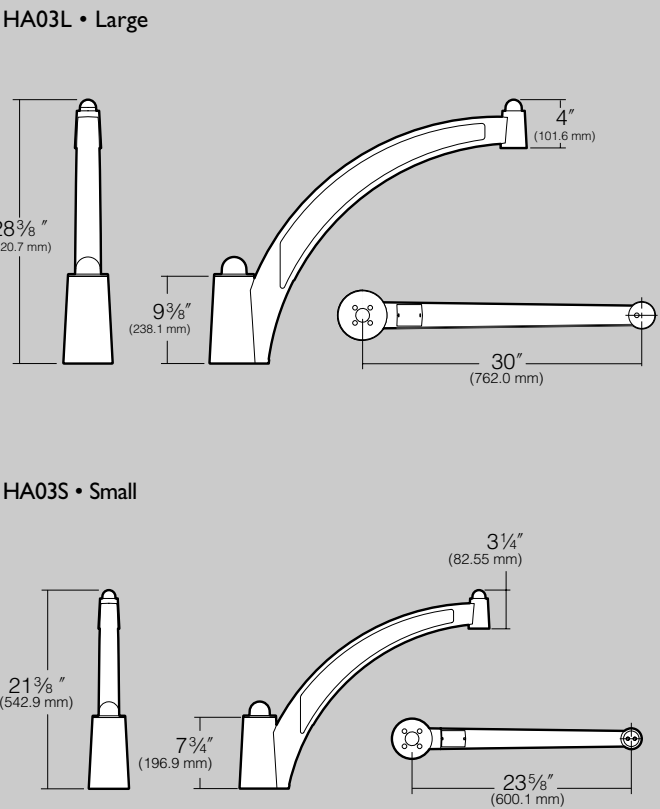
ORDERING EXAMPLE:	HSAF20-64188B	HA02L	/	WH
	Pole	Side Mount Crook		White

Mounting Configuration

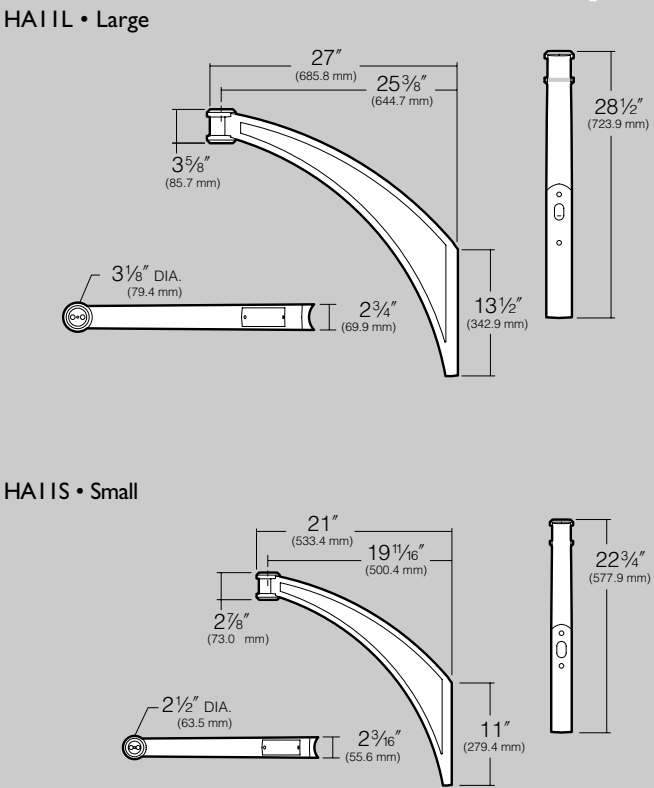
Plan View:				
Mounting Cat. No.:	IA	2B	3Y	4C
Arm/Fixture EPA:	HA02L - RA25: 1.9	3.8	5.1	5.9
	HA02S - LET19: 1.5	3.0	4.0	4.5
	HA02L - LET26: 2.0	4.0	5.2	6.0
	HA02S - RA17: 1.3	2.6	3.5	3.9
	AE17/BE17: 1.2	2.4	3.2	3.6

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Post Top Swept Cast Arm • HA03S / HA03L



Side Mount Swept Cast Arm • HA11S / HA11L



HAF2 p. 74

Optional Finial: Traditional style finial available to close off mounting hub opposite the fixture.

Specifications

Arm: Cast aluminum arm and pole top fitter. Pole top fitter secured to an internal extruded pole adaptor with stainless steel bolts. Arm is secured to the pole top fitter with stainless steel bolts. Cast arm is open for access to wiring connections and mounting bolts, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4". Large arms mount to pole top O.D. of 4".

Note: Pole must have internal pole adaptor.

ORDERING EXAMPLE:	HSAS25-64188B	HA03L	/	WH
	Pole	Post Top Swept Cast		White

Mounting Configuration

Plan View:					Plan View:				
	1A	2B	3Y	4C		1A	2B	3Y	4C
	HA03L - RA25: 1.9, 3.8, 5.0, 5.5 • AE21/BE21:					HA03L - RA25: 1.9, 3.8, 5.0, 5.5 • AE21/BE21:			
	HA03S - RA17: 1.3, 2.6, 3.4, 3.7 • AE17/BE17:					HA03S - RA17: 1.3, 2.6, 3.4, 3.7 • AE17/BE17:			
	HA03S - LET19: 1.5, 3.0, 4.0, 4.5 • HA03L - LET26: 2.0, 4.0, 5.2, 6.0					HA03S - LET19: 1.5, 3.0, 4.0, 4.5 • HA03L - LET26: 2.0, 4.0, 5.2, 6.0			

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.



Specifications

Arm: One-piece, cast aluminum side-mounted arm and cover. Fixture mounting arm is open for access to wiring connections and stainless steel mounting bolts, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Optional cast aluminum finial may be selected to close off fixture mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel bolts. Stainless steel bolts thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

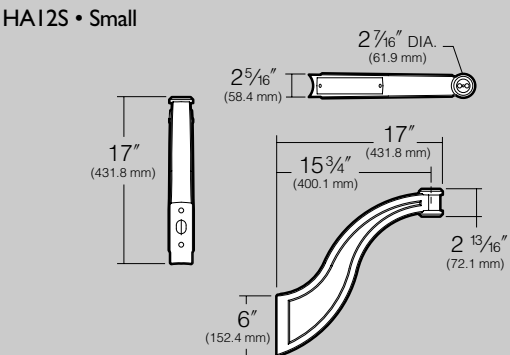
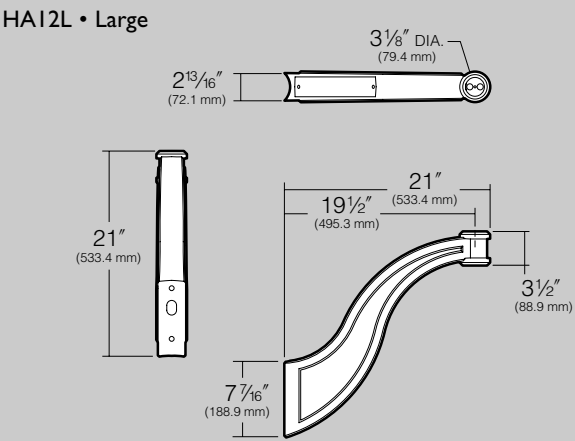
ORDERING EXAMPLE:	HSAF20-64188A	HA11L	/	DB
	Pole	Side Swept Cast		Dark Bronze

Mounting Configuration

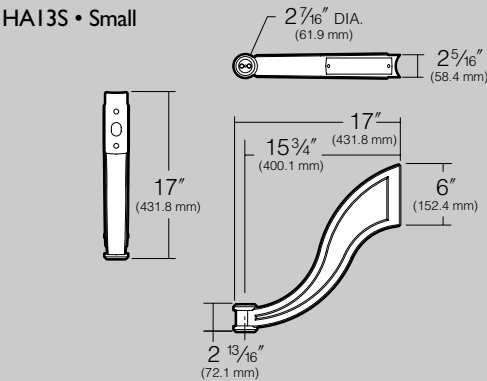
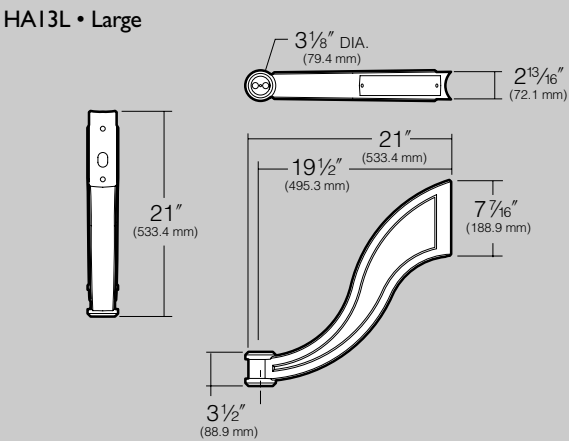
Plan View:								
Mounting Cat. No.:	1A	2B	3Y	4C	1A	2B	3Y	4C
Arm/Fixture EPA:	HA11L-RA25: 2.3, 4.8, 5.8, 6.3 • AE21/BE21:				2.2, 4.4, 5.5, 5.9			
	HA11S-RA17: 1.5, 3.0, 3.8, 4.1 • AE17/BE17:				1.4, 2.8, 3.5, 3.8			
	HA11S-LET19: 1.7, 3.4, 4.4, 4.9 • HA11L-LET26:				2.3, 4.6, 5.8, 6.6			
	HA11S-NS: 1.8, 3.6, 4.7, 5.2 • SRS:				2.3, 4.6, 5.6, 6.3			

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Side Pole S-Shaped Up Cast Arm • HA12S / HA12L



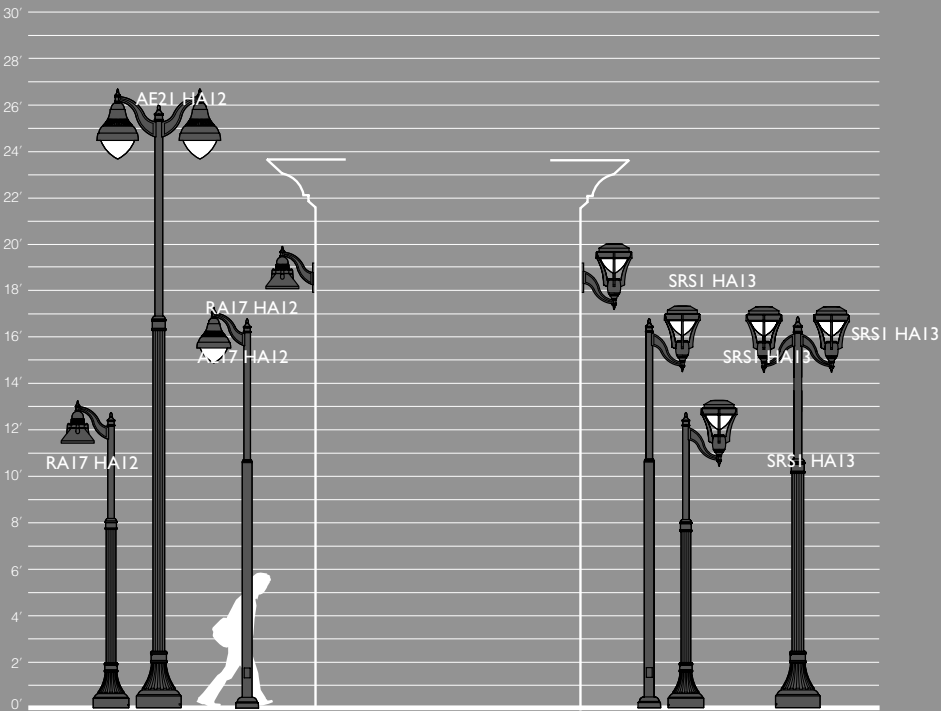
Side Pole S-Shaped Down Cast Arm • HA13S / HA13L



Specifications

Arm: One-piece, cast aluminum side-mounted arm and cover. Fixture mounting arm is open for access to wiring connections and stainless steel mounting bolts, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Optional cast aluminum finial may be selected to close off fixture mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel bolts. Stainless steel bolts thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".



Specifications

Arm: One-piece, cast aluminum side-mounted arm and cover. Fixture mounting arm is open for access to wiring connections and stainless steel mounting bolts, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Optional cast aluminum finial may be selected to close off fixture mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel bolts. Stainless steel bolts thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

Mounting Configuration

Plan View:									
Mounting Cat. No.:	1A	2B	3Y	4C	1A	2B	3Y	4C	
Arm/Fixture EPA:	HA12L - RA25:	2.0,	4.0,	5.2,	5.7 • AE21/BE21:	1.9,	3.8,	4.9,	5.3
	HA12S - RA17:	1.4,	2.8,	3.6,	3.9 • AE17/BE17:	1.3,	2.6,	3.3,	3.6
	HA12S - LET19:	1.6,	3.2,	4.2,	4.7 • HA12L - LET26:	2.1,	4.2,	5.4,	6.2
	HA13S - NS:	1.7,	3.4,	4.5,	5.0 • SRS:	2.2,	4.4,	5.4,	6.1

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

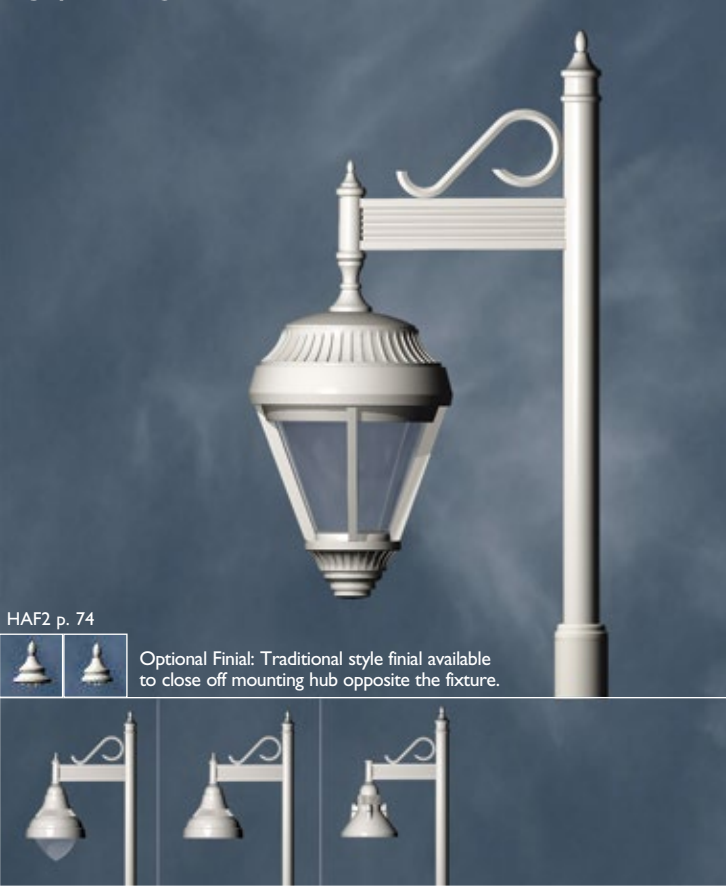
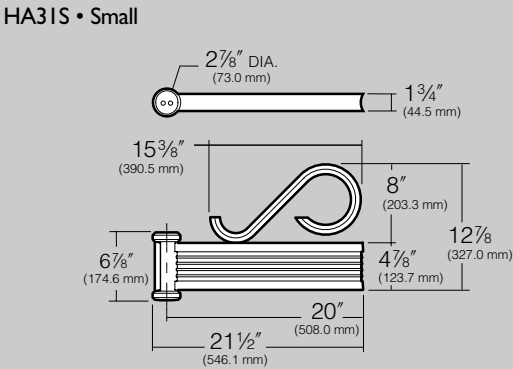
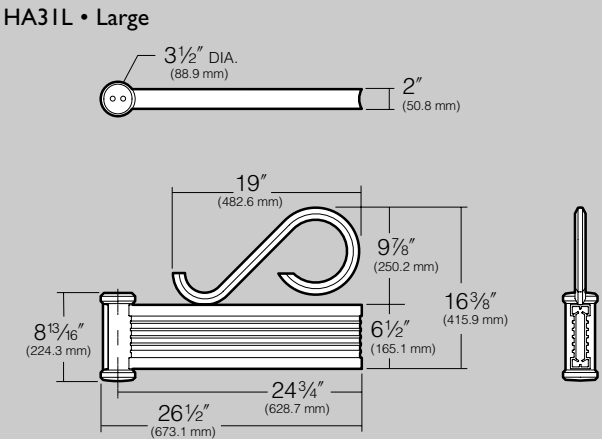
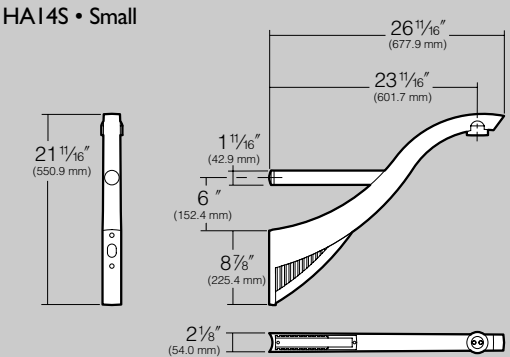
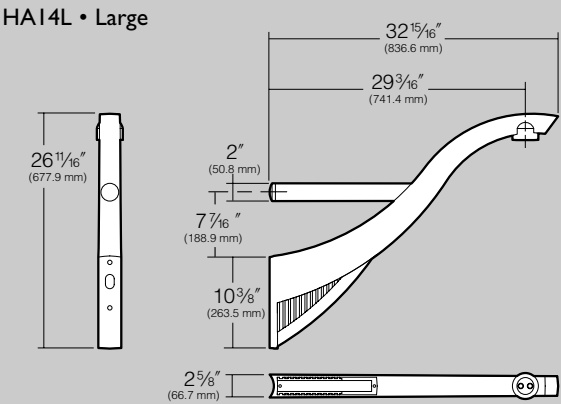
Mounting Configuration

Plan View:								
Mounting Cat. No.:	1A	2B	3Y	4C	1A	2B	3Y	4C
Arm/Fixture EPA: HA13S - NS:	1.7,	3.4,	4.5,	5.0 • SRS:	2.2,	4.4,	5.4,	6.1
HA13S - LET19:	1.6,	3.2,	4.2,	4.7 • HA13L - LET26:	2.1,	4.2,	5.4,	6.2

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Side Pole Neo-Classic Arm • HA14S / HA14L

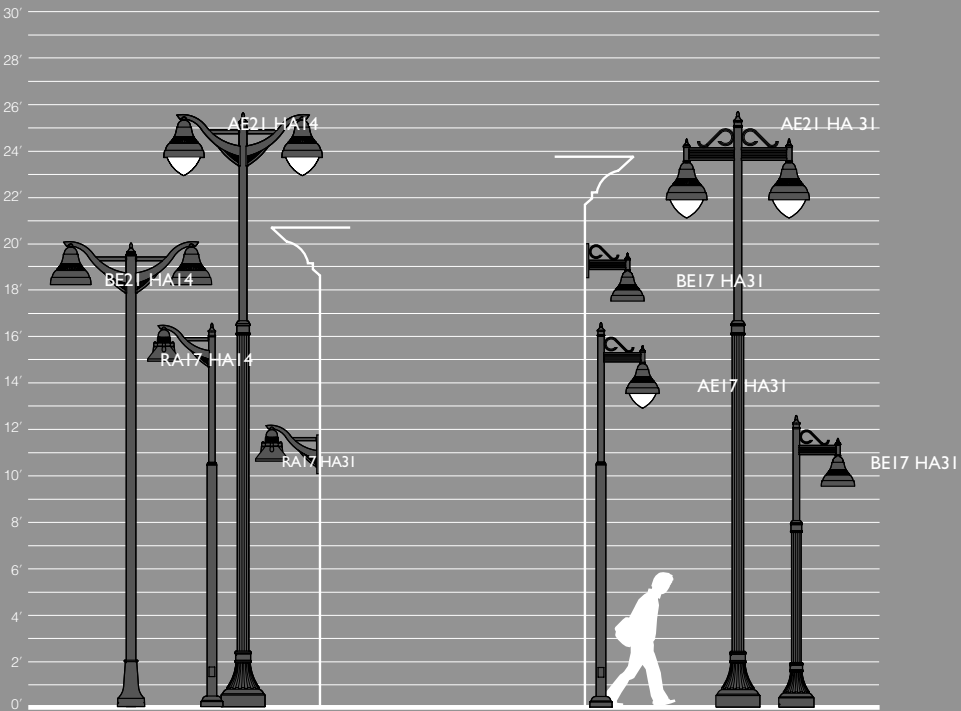
Side Pole Ribbon Arm with Top Scroll • HA31S / HA31L



Specifications

Arm: One-piece, cast aluminum side-mounted arm with extension brace and cover plate. Extension brace is extruded tube welded to arm casting at one end, and slips over cast pole adaptor on the other end. Fixture mounting arm is open for access to wiring connections and stainless steel mounting bolts, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Attachment to pole is by 3/8" stainless steel bolts. Stainless steel bolts thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 3.4", 4", 5", 6".



Specifications

Arm: Extruded aluminum side-mounted arm with cast aluminum scroll mounted to top. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

Mounting Configuration

Plan View:		
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA14L - RA25: 2.6, 5.2, 6.4, 6.9 • AE21/BE21: 2.5, 5.0, 6.1, 6.5	HA14S - RA17: 1.7, 3.4, 4.2, 4.5 • AE17/BE17: 1.6, 3.2, 3.9, 4.2
	HA14S - LET19: 1.9, 3.8, 4.8, 5.3 • HA14L - LET26: 2.6, 5.2, 6.4, 6.9	

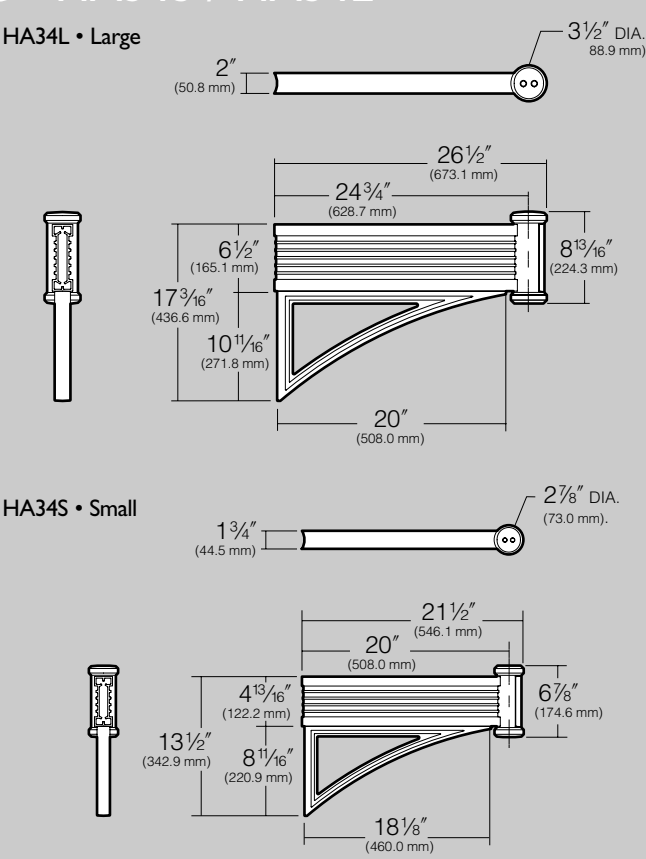
Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Mounting Configuration

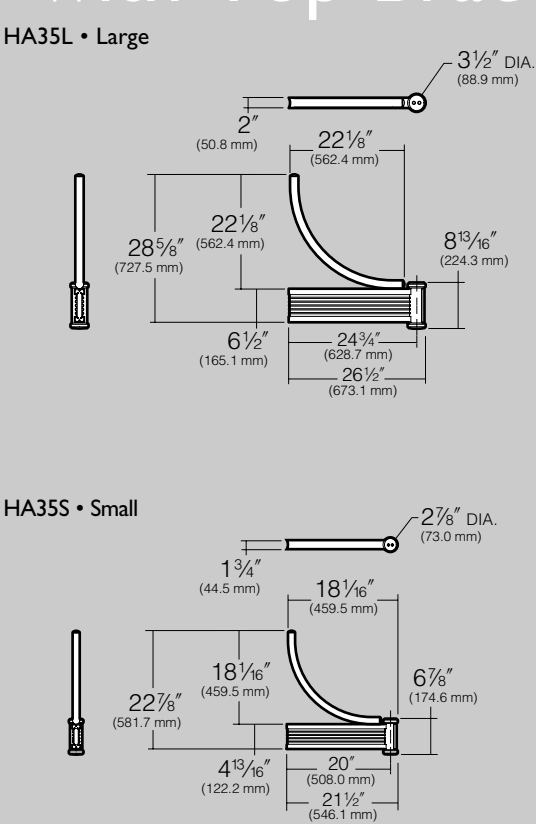
Plan View:		
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA31L - RA25: 2.6, 5.2, 6.2, 6.7 • AE21/BE21: 2.5, 5.0, 5.9, 6.3	HA31S - RA17: 1.7, 3.3, 4.0, 4.3 • AE17/BE17: 1.6, 3.1, 3.7, 4.0
	HA31S - LET19: 1.9, 3.8, 4.8, 5.3 • HA31L - LET26: 2.6, 5.2, 6.2, 6.7	

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Side Pole Ribbon Arm with Bottom Gusset • HA34S / HA34L



Side Pole Ribbon Arm with Top Brace • HA35S / HA35L



Specifications

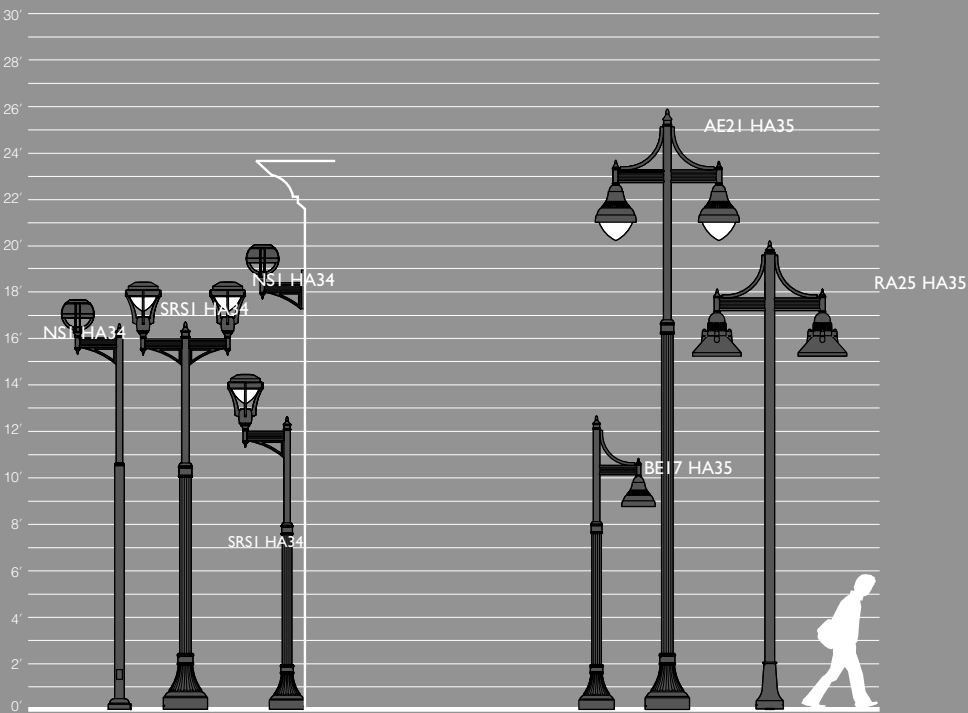
Arm: Extruded aluminum side-mounted arm with cast aluminum gusset mounted to bottom. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole O.D. of 4", 5", 6".

ORDERING EXAMPLE:	HSAF20-534188B	HA34S	WH
	Pole	Ribbon with Gusset	White

Mounting Configuration

Plan View:	1A 2B 3Y 4C	1A 2B 3Y 4C
Mounting Cat. No.	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA34S - NS: 2.1, 4.2, 5.3, 5.8 • SRS: 2.6, 5.2, 6.1, 6.8	HA34S - LET19: 2.0, 4.0, 5.0, 5.5 • HA34L - LET26: 2.8, 5.6, 6.8, 7.3



Specifications

Arm: Extruded aluminum side-mounted arm with extruded aluminum curved brace mounted to top. Brace is extruded aluminum tube attached to the fixture support arm on one end and to pole on opposite end. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Arm attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to Kim pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

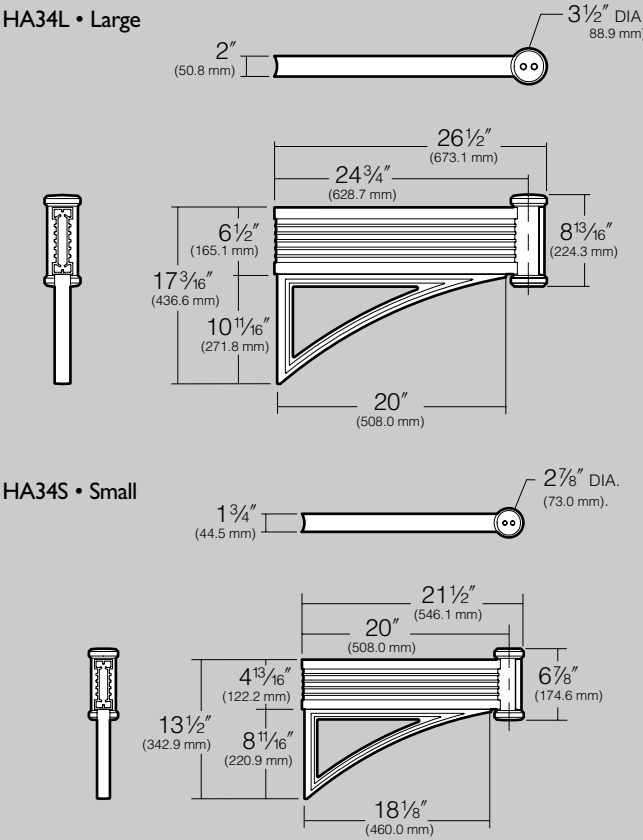
ORDERING EXAMPLE:	HSAS25-64188A	HA35L	BL
	Pole	Ribbon with Gusset	Black

Mounting Configuration

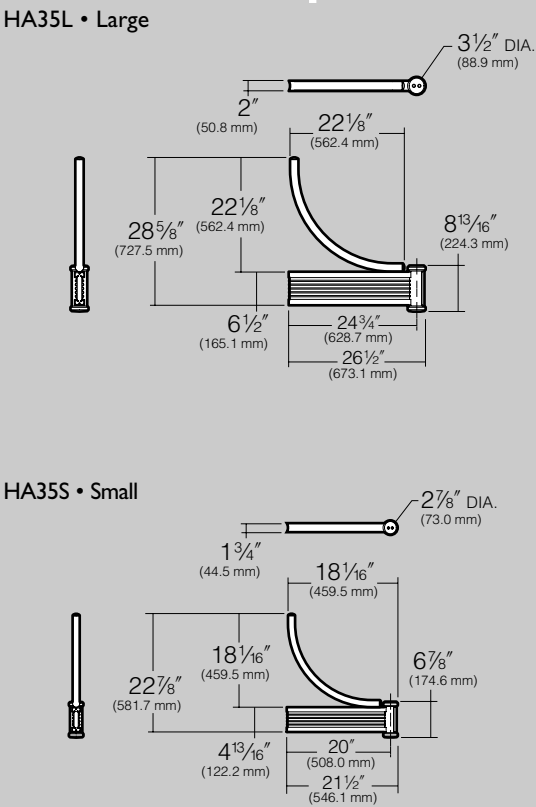
Plan View:	1A 2B 3Y 4C	1A 2B 3Y 4C
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA35L - RA25: 2.6, 5.2, 6.6, 7.1 • AE21/BE21: 2.5, 5.0, 6.3, 6.7	HA35S - RA17: 1.6, 3.4, 4.3, 4.6 • AE17/BE17: 1.6, 3.2, 4.0, 4.3
	HA35S - LET19: 1.9, 3.8, 4.8, 5.3 • HA35L - LET26: 2.6, 5.2, 6.2, 6.7	

Note: Refer to page 75 for Wind Map and page 78 for Heritage Optical Centerline Matrix.

Side Pole Ribbon Arm with Bottom Gusset • HA34S / HA34L



Side Pole Ribbon Arm with Top Brace • HA35S / HA35L



Specifications

Arm: Extruded aluminum side-mounted arm with cast aluminum gusset mounted to bottom. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole O.D. of 4", 5", 6".

ORDERING EXAMPLE:	HSAF20-534188B	-	HA34S	/	WH
	Pole		Ribbon with Gusset		White

Mounting Configuration

Plan View:								
Mounting Cat. No.	1A	2B	3Y	4C	1A	2B	3Y	4C
Arm/Fixture EPA:	HA34S - NS:	2.1, 4.2, 5.3, 5.8	•	SRS:	2.6, 5.2, 6.1, 6.8			
	HA34S - LET19:	2.0, 4.0, 5.0, 5.5	•	HA34L - LET26:	2.8, 5.6, 6.8, 7.3			

Note: Refer to page 75 for Wind Map, page 76 for Optional Tenon Mount (Poles by Others) and page 78 for Heritage Optical Centerline Matrix.

Specifications

Arm: Extruded aluminum side-mounted arm with extruded aluminum curved brace mounted to top. Brace is extruded aluminum tube attached to the fixture support arm on one end and to pole on opposite end. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Arm attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to Kim pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

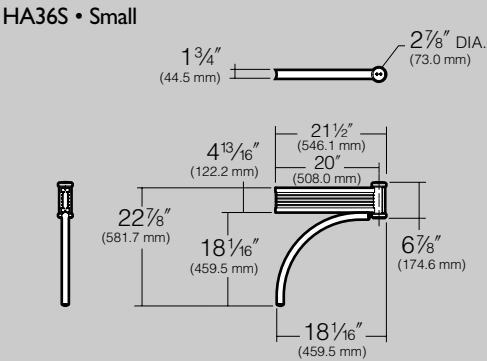
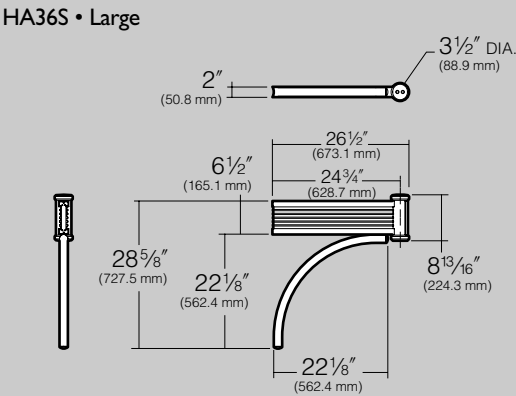
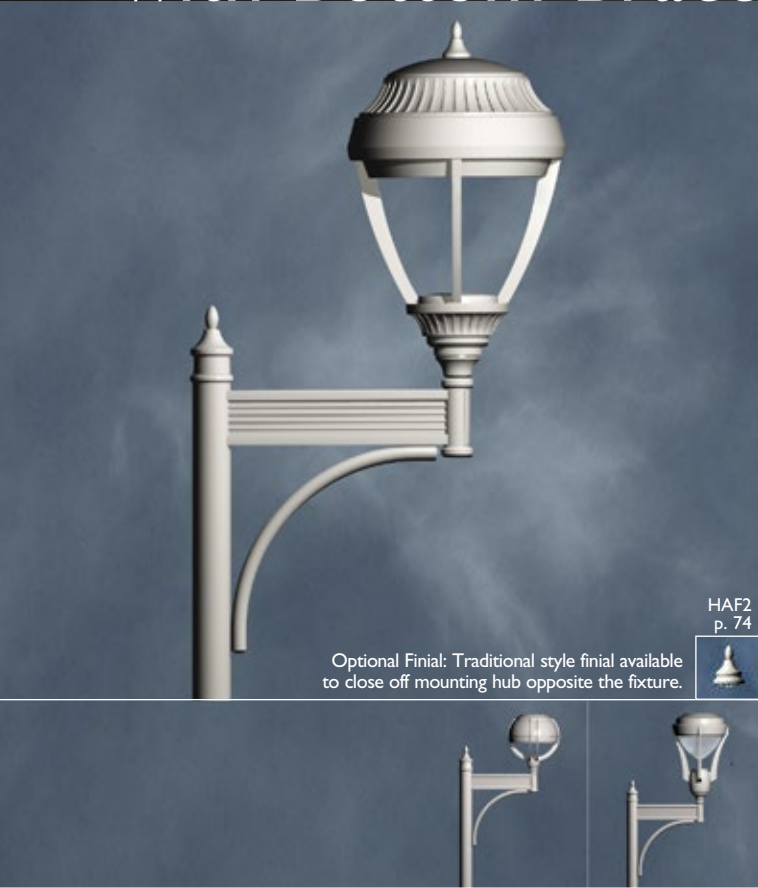
ORDERING EXAMPLE:	HSAS25-64188A	-	HA35L	/	BL
	Pole		Ribbon with Gusset		Black

Mounting Configuration

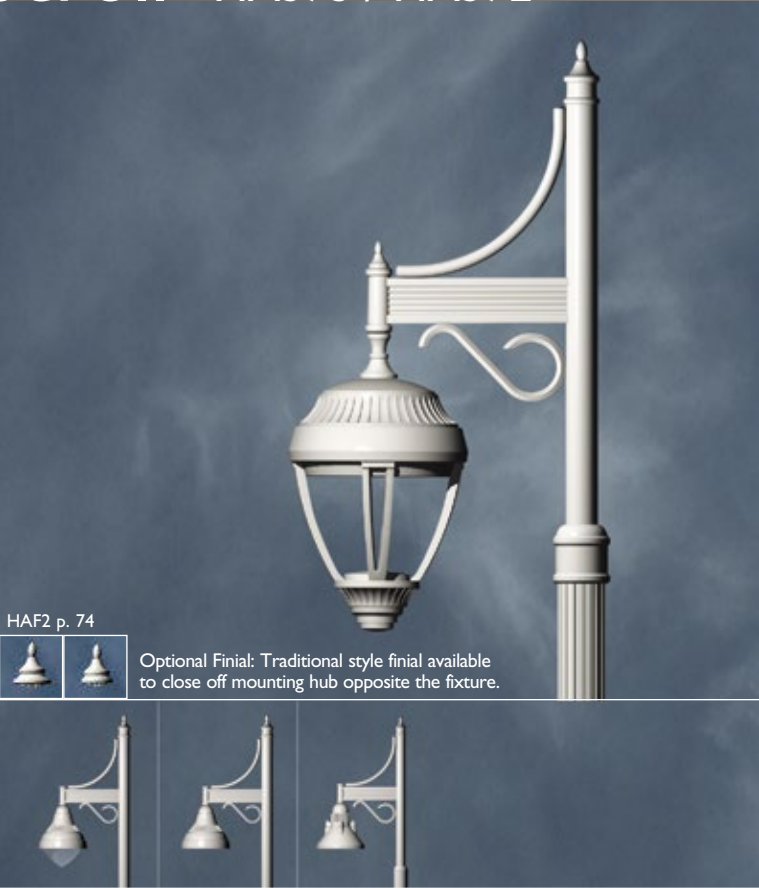
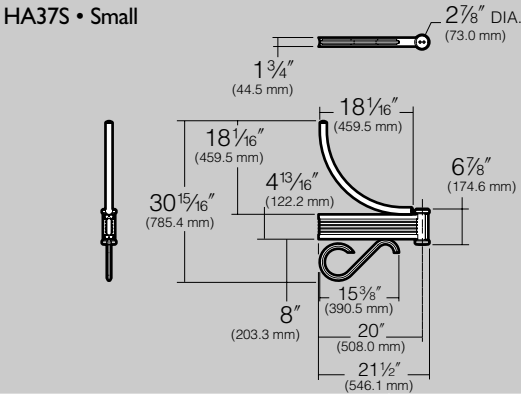
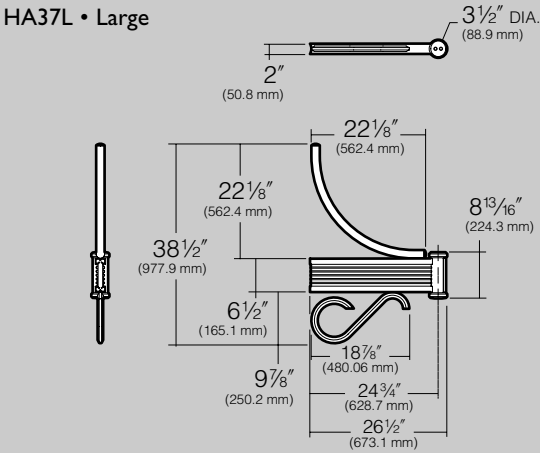
Plan View:								
Mounting Cat. No.:	1A	2B	3Y	4C	1A	2B	3Y	4C
Arm/Fixture EPA:	HA35L - RA25:	2.6, 5.2, 6.6, 7.1	•	AE21/BE21:	2.5, 5.0, 6.3, 6.7			
	HA35S - RA17:	1.6, 3.4, 4.3, 4.6	•	AE17/BE17:	1.6, 3.2, 4.0, 4.3			
	HA35S - LET19:	1.9, 3.8, 4.8, 5.3	•	HA35L - LET26:	2.6, 5.2, 6.2, 6.7			

Note: Refer to page 75 for Wind Map and page 78 for Heritage Optical Centerline Matrix.

Side Pole Ribbon Arm with Bottom Brace • HA36S / HA36L



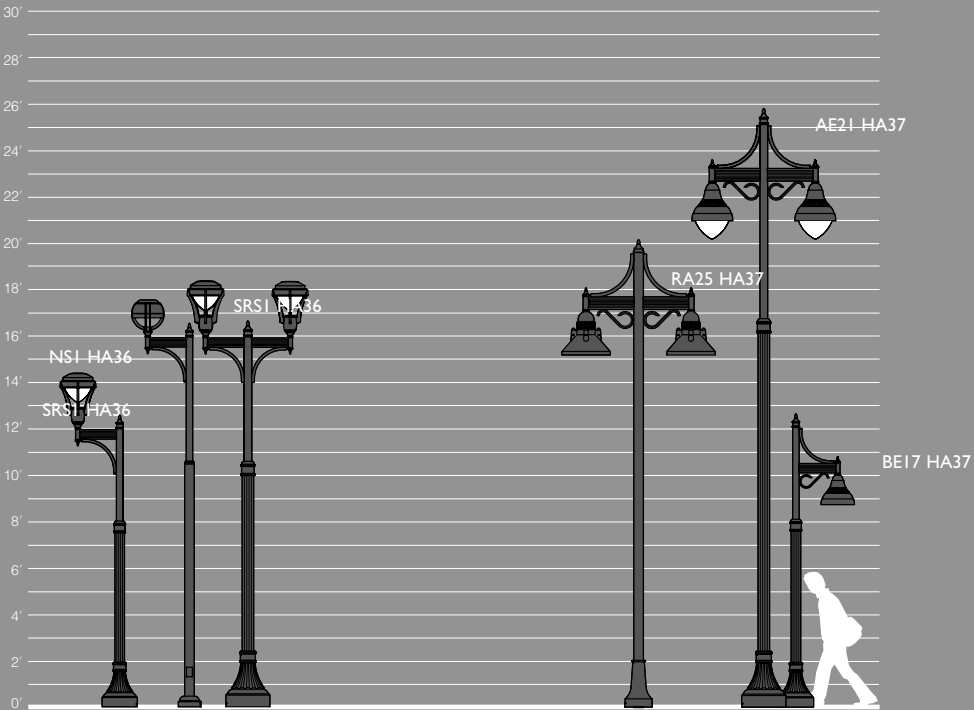
Side Pole Ribbon Arm with Top Brace and Bottom Scroll • HA37S / HA37L



Specifications

Arm: Extruded aluminum side-mounted arm with extruded aluminum curved base mounted to bottom. Brace is extruded aluminum tube attached to the fixture support arm on one end and to pole on opposite end. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Arm attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".



Specifications

Arm: Extruded aluminum side-mounted arm with extruded aluminum curved brace mounted to top and cast aluminum scroll mounted to bottom. Brace is extruded aluminum tube attached to the fixture support arm on one end and to pole on opposite end. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

Mounting Configuration

Plan View:		
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA36S - NS: 2.0, 4.0, 5.2, 5.7 • SRS: 2.5, 5.0, 5.9, 6.6 HA36S - LET19: 1.9, 3.8, 4.8, 5.3 • HA36L - LET26: 2.6, 5.2, 6.2, 6.7	HA37S - RA17: 1.8, 3.6, 4.5, 4.8 • AE17/BE17: 1.7, 3.4, 4.2, 4.5 HA37S - LET19: 2.0, 4.0, 5.0, 5.5 • HA37L - LET26: 2.8, 5.6, 6.8, 7.3

ORDERING EXAMPLE:	HSAS20-534188A	HA37S	/	BL
	Pole	Ribbon with Brace & Gusset		Black

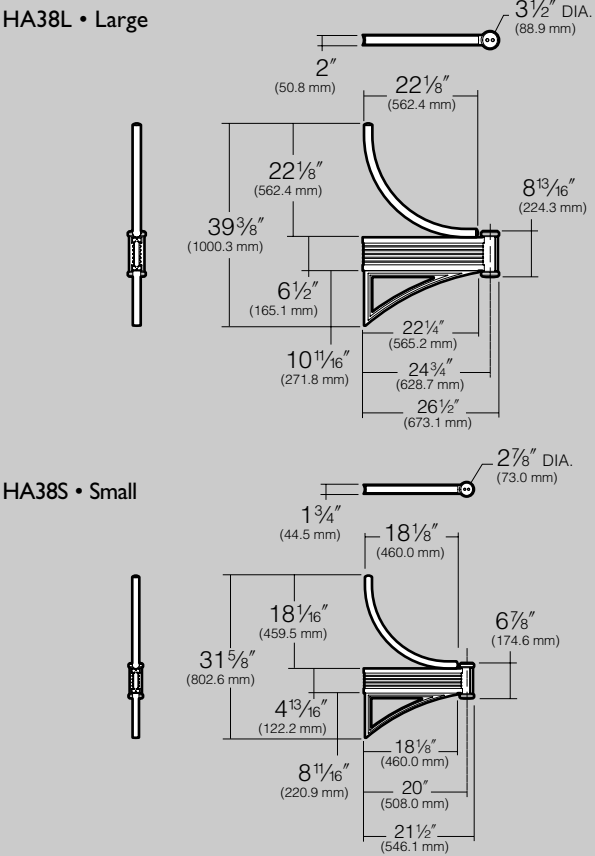
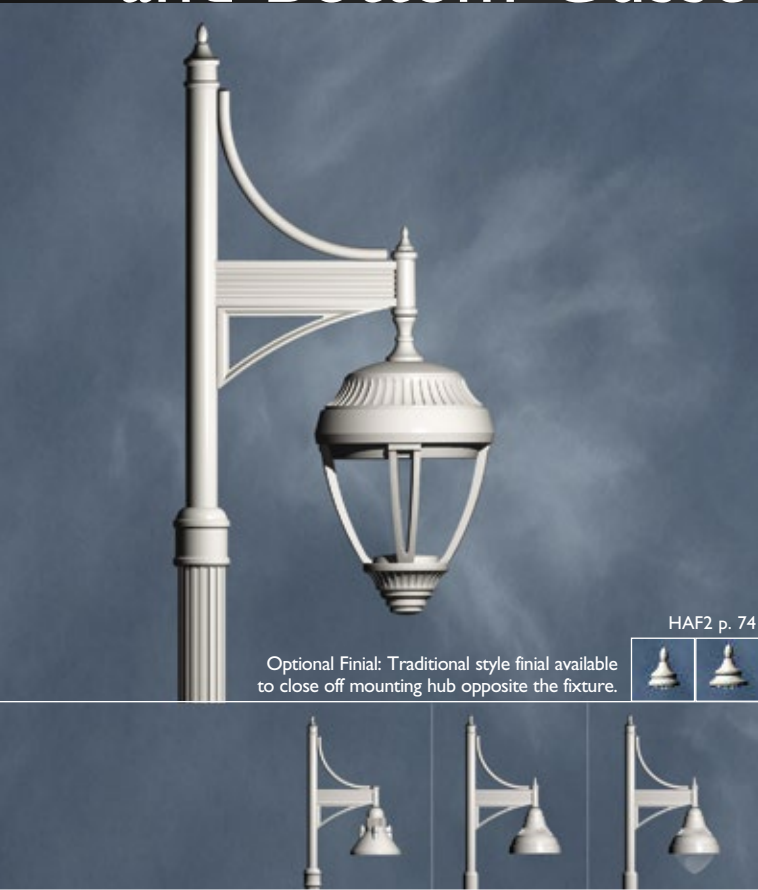
Mounting Configuration

Plan View:		
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA37L - RA25: 2.8, 5.6, 6.9, 7.4 • AE21/BE21: 2.7, 5.4, 6.6, 7.4 HA37S - RA17: 1.8, 3.6, 4.5, 4.8 • AE17/BE17: 1.7, 3.4, 4.2, 4.5 HA37S - LET19: 2.0, 4.0, 5.0, 5.5 • HA37L - LET26: 2.8, 5.6, 6.8, 7.3	

Note: Refer to page 75 for Wind Map and page 78 for Heritage Optical Centerline Matrix.

Note: Refer to page 75 for Wind Map and page 78 for Heritage Optical Centerline Matrix.

Ribbon Arm with Top Brace and Bottom Gusset • HA38S / HA38L



Specifications
Arm: Extruded aluminum side-mounted arm with extruded aluminum curved brace mounted to top and cast aluminum gusset mounted to bottom. Brace is extruded aluminum tube attached to the fixture support arm on one end and to pole on opposite end. Fixture mounting hub is open for access to wiring connections and stainless steel mounting rods, and enclosed by a flush mounted cast aluminum cover secured with stainless steel screws. Cast aluminum finial may be selected to close off top of mounting hub (flat cap standard). Attachment to pole is by 3/8" stainless steel rods, nuts and washers. Stainless steel rods thread into a pole backing plate located inside the pole. Pole backing plate is heavy gauge zinc plated steel, and includes a wire strain relief and grounding connection. For round poles, arm is circular cut for the specific pole diameter. Arm-to-luminaire attachment is by concealed stainless steel rods, projecting into the fixture where nuts and washers secure the mounting. Small arm utilizes 3/8" studs and large arm utilizes 1/2" studs.

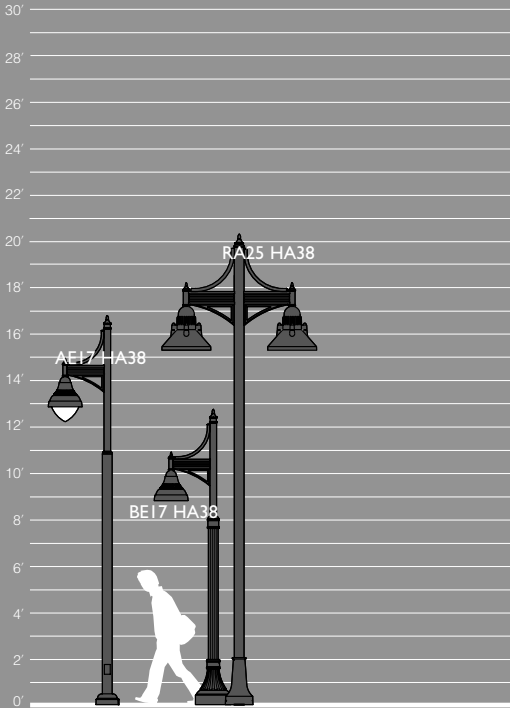
Pole Mount: Small arms mount to pole top O.D. of 3.4", 4", 5", 6". Large arms mount to pole top O.D. of 4", 5", 6".

ORDERING EXAMPLE:	HSAF20-64188B	HA38L	/	WH
	Pole	Ribbon with		White
		Brace & Gusset		

Mounting Configuration

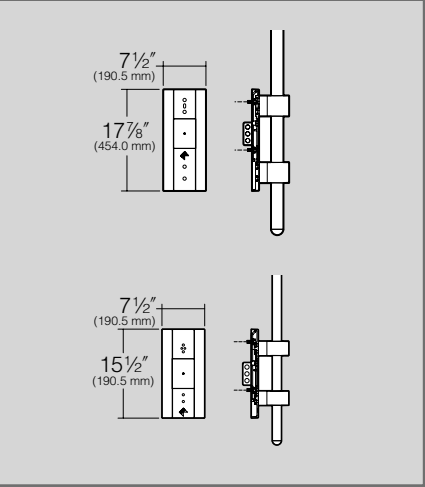
Plan View:		
Mounting Cat. No.:	1A 2B 3Y 4C	1A 2B 3Y 4C
Arm/Fixture EPA:	HA38L - RA25: 3.0, 6.0, 7.4, 7.9 • AE21/BE21: 2.7, 5.4, 6.6, 7.4 HA38S - RA17: 2.0, 4.0, 4.9, 5.2 • AE17/BE17: 1.9, 3.8, 4.6, 4.9 HA38S - LET19: 2.2, 4.4, 5.4, 5.9 • HA38L - LET26: 2.8, 5.6, 6.8, 7.3	

Note: Refer to page 75 for Wind Map and page 78 for Heritage Optical Centerline Matrix.

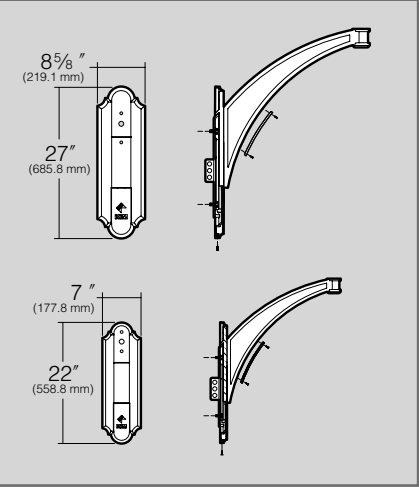


Heritage Wall Mount Option Specifications

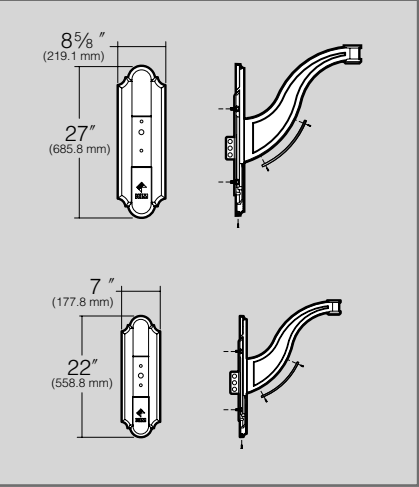
HA02SW • HA02LW • Side Crook



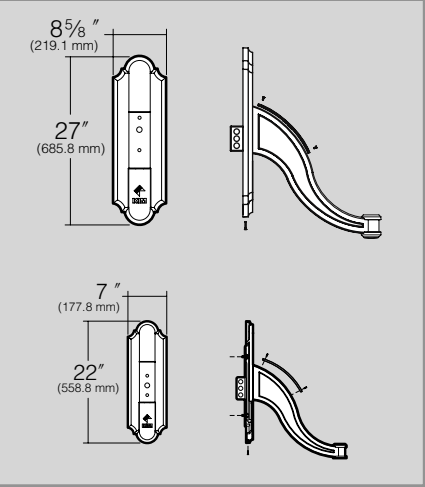
HA11SW • HA11LW • Swept Cast



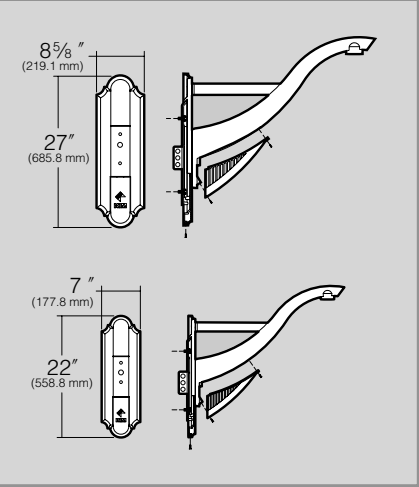
HA12SW • HA12LW • S-Shaped Up Cast Arm



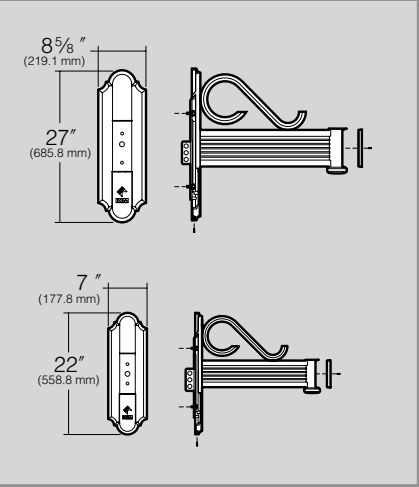
HA13SW • HA13LW • S-Shaped Down Cast Arm



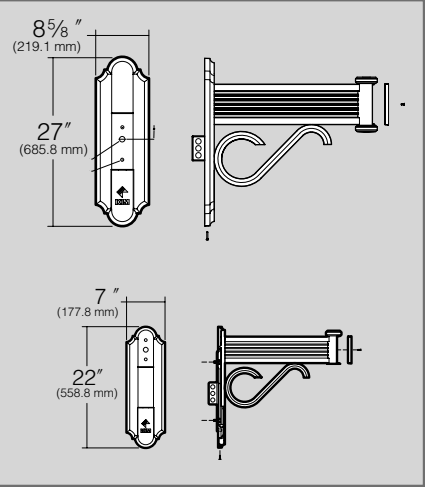
HA14SW • HA14LW • Neo-Classic Arm



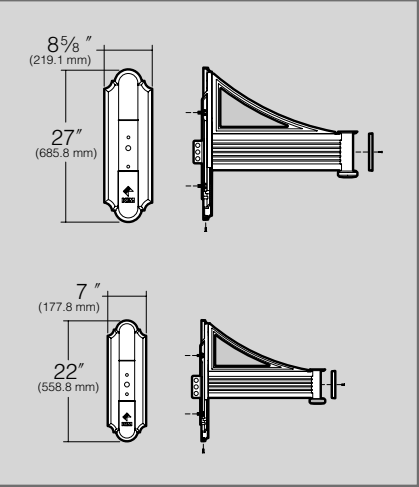
HA31SW • Ribbon Arm with Top Scroll
HA31LW • Ribbon Arm with Top Scroll



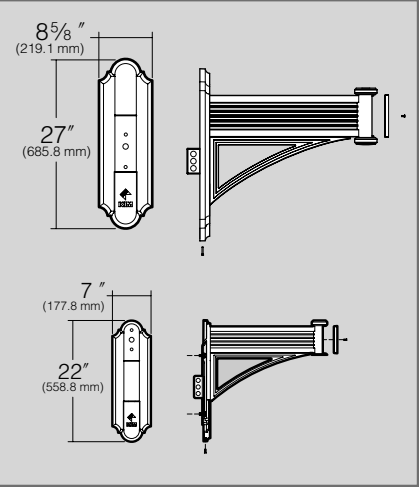
HA32SW • Ribbon Arm with Bottom Scroll
HA32LW • Ribbon Arm with Bottom Scroll



HA33SW • Ribbon Arm with Top Gusset
HA33LW • Ribbon Arm with Top Gusset



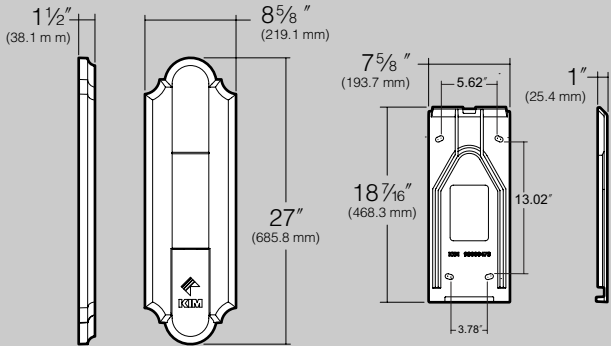
HA34SW • Ribbon Arm with Bottom Gusset
HA34LW • Ribbon Arm with Bottom Gusset



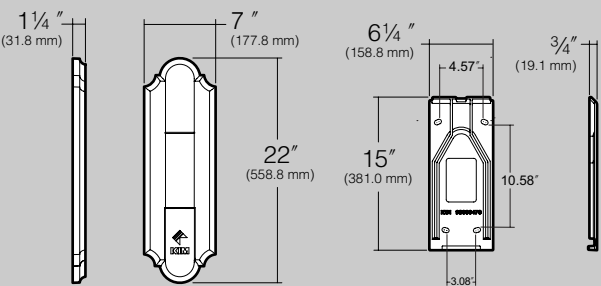
Heritage Wall Mount Plate • Others Available



Large - Cover & Mounting Plate



Small - Cover & Mounting Plate



Specifications

A cast mounting plate of aluminum is mounted to the wall with bolts (by others). Fixture and arm are 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.

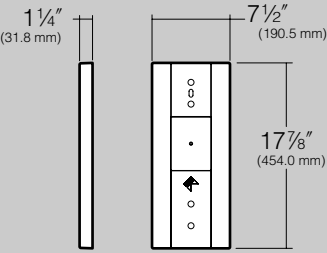
Caution: Structural integrity of mounting plate attachment to wall is by others.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	IW	/ AE17H3	/ I50HPS277	/ WH	HA33SW
	Wall	Era® Acorn	I50HPS277V	White	Wall

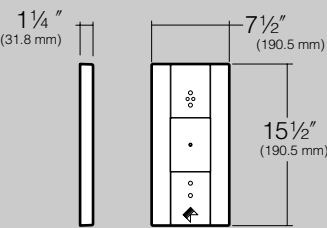
Era Wall Mount Plate • HA02 only



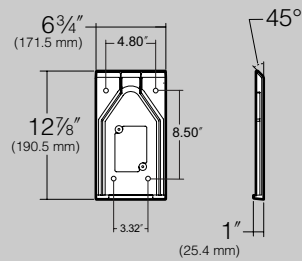
Large - Cover Plate



Small - Cover Plate



Mounting Plate



Specifications

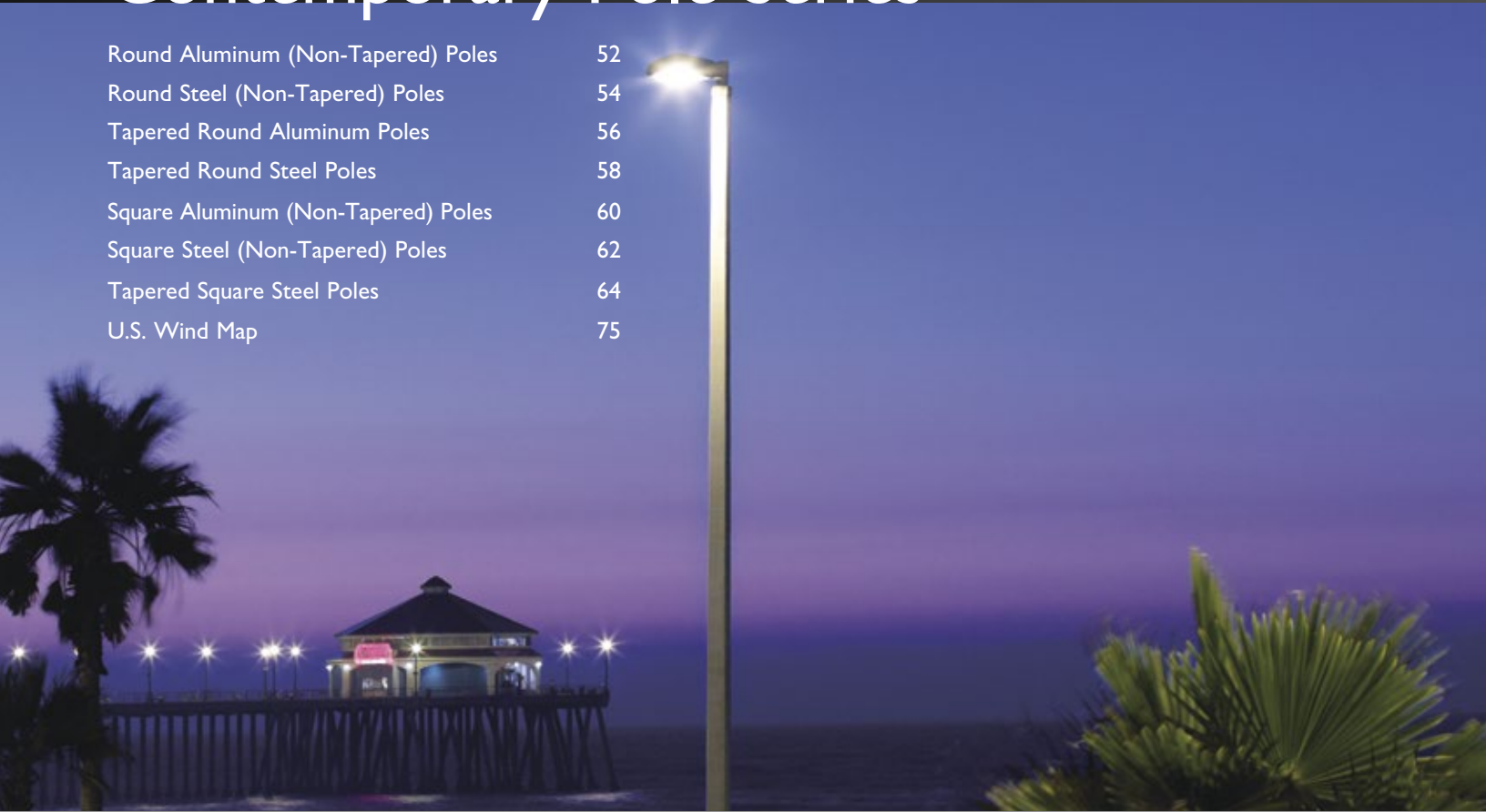
A cast mounting plate of aluminum is mounted to the wall with bolts (by others). Fixture and arm are mounted to a cast aluminum cover plate before attaching to the wall mounting plate. The fixture-arm-cover plate assembly is hooked to the wall mounting plate, and secured with stainless steel screws provided. 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.

ORDERING EXAMPLE:	Mounting	Fixture	Electrical Module	Finish	Option
	IW	/ AE17H3	/ I50HPS277	/ WH	HA02SW
	Wall	Era® Acorn	I50HPS277V	White	Wall

Contemporary Pole Series

Round Aluminum (Non-Tapered) Poles	52
Round Steel (Non-Tapered) Poles	54
Tapered Round Aluminum Poles	56
Tapered Round Steel Poles	58
Square Aluminum (Non-Tapered) Poles	60
Square Steel (Non-Tapered) Poles	62
Tapered Square Steel Poles	64
U.S. Wind Map	75



Kim Lighting’s Comptemorary Pole Collection

Premium quality is the mark of distinction for Kim Lighting pole structures. Choose from rugged steel and aluminum pole standards, in a variety of shapes, tapers, and finishes. Complete your specification with an optional duplex receptacle, hinged base, or other accessories. All Kim Lighting pole products include pre-drilled holes for any mounting configuration, galvanized solid steel anchor bolts, Super TGIC powder coat paint finish, standard base cover, and limited one year warranty at no extra charge (extended service contracts are also available). Poles 25’ and higher also include internal vibration dampening system.

All Kim Lighting poles are inspected and protected for shipment with patented form fitting chipboard, then tightly bound in plastic wrap, and properly labeled and loaded for quick and pristine delivery to the job site.

Caution: Installation of poles without luminaire(s) will compromise pole strength. Any accessories attached to pole or other modifications will compromise pole strength and may result in pole failure.

Maintenance: A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to pole collapse and serious personal injury.

Note: All allowable pole and fixture EPAs are derived from the AASHTO standard. Responsibility lies with specifier for correct pole selection based on local codes and standards for the project.

Premium Pole Selection



Round Aluminum
(Non-Tapered)
p. 52



Round Steel
(Non-Tapered)
p. 54



Tapered Round Aluminum
p. 56



Tapered Round Steel
p. 58



Square Aluminum
(Non-Tapered)
p. 60



Square Steel
(Non-Tapered)
p. 62



Square Tapered Steel
p. 64



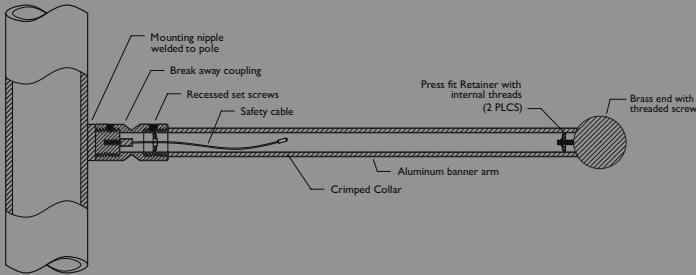
Decorative Base Cover
p. 74



Duplex Receptacle



Hinge Pole Base



BreakAway Banner Arm

The breakaway coupling is designed to fail before over-stressing the pole. An internal, stainless steel cable keeps the arm attached to the pole assembly. The failure point for the coupling is affected by the banner type, pole height and vertical location of the banner on the pole. The loading is also affected by securing the banner at the top only, or the top and bottom. Contact the factory for the maximum banner size recommended for your application.

PRA

Round Aluminum (Non - Tapered) Poles

Pole Cat. No.			A.B. Size	Allowable Pole EPA - Refer to wind map on p. 75							
	X	Y		85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PRA8-4125	8'	4" x .125	¾" x 30 + 3	13.06	11.49	10.46	8.39	6.81	5.65	4.80	4.13
PRA8-5125	8'	5" x .125	¾" x 30 + 3	21.29	18.79	17.15	14.05	11.72	9.92	8.49	7.34
PRA10-34125	10'	3.375" x .125	¾" x 15 + 3	6.58	5.70	5.13	3.97	3.09	2.40	1.86	1.43
PRA10-4125	10'	4" x .125	¾" x 30 + 3	9.78	8.53	7.71	6.05	4.79	3.88	3.27	2.78
PRA10-5125	10'	5" x .125	¾" x 30 + 3	16.21	14.21	12.90	10.51	8.72	7.34	6.25	5.38
PRA12-34188	12'	3.375" x .188	¾" x 15 + 3	8.76	7.62	6.86	5.35	4.20	3.30	2.59	2.03
PRA12-4125	12'	4" x .125	¾" x 30 + 3	7.48	6.44	5.75	4.37	3.32	2.59	2.14	1.78
PRA12-5125	12'	5" x .125	¾" x 30 + 3	12.67	11.00	9.91	8.01	6.60	5.51	4.66	3.99
PRA12-6188	12'	6" x .188	¾" x 30 + 3	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
PBTS12-6188	12'	6" x .188	¾" x 30 + 3	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
PRA14-34188	14'	3.375" x .188	¾" x 15 + 3	6.94	5.95	5.31	4.01	3.02	2.26	1.65	1.17
PRA14-4125	14'	4" x .125	¾" x 30 + 3	5.73	4.84	4.25	3.06	2.16	1.57	1.24	0.98
PRA14-4188	14'	4" x .188	¾" x 30 + 3	10.56	9.14	8.21	6.34	4.92	3.91	3.26	2.74
PRA14-5125	14'	5" x .125	¾" x 30 + 3	10.01	8.58	7.64	6.10	4.98	4.11	3.44	2.91
PRA14-5188	14'	5" x .188	¾" x 30 + 3	17.90	15.62	14.12	11.46	9.48	7.95	6.75	5.79
PRA14-6188	14'	6" x .188	¾" x 30 + 3	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
PBTS14-6188	14'	6" x .188	¾" x 30 + 3	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
PRA16-4188	16'	4" x .188	¾" x 30 + 4	8.55	7.31	6.50	4.86	3.62	2.76	2.25	1.85
PRA16-5125	16'	5" x .125	¾" x 30 + 4	7.90	6.65	5.83	4.57	3.67	2.98	2.45	2.03
PRA16-5188	16'	5" x .188	¾" x 30 + 4	14.80	12.81	11.50	9.26	7.61	6.34	5.34	4.55
PRA16-6188	16'	6" x .188	¾" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
PBTS16-6188	16'	6" x .188	¾" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
PRA20-4188	19.5'	4" x .188	¾" x 30 + 4	5.33	4.37	3.74	2.48	1.52	0.91	0.63	0.42
PRA20-5125	19.5'	5" x .125	¾" x 30 + 4	4.50	3.54	2.90	2.11	1.56	1.16	0.85	0.62
PRA20-5188	19.5'	5" x .188	¾" x 30 + 4	9.83	8.29	7.28	5.73	4.60	3.75	3.09	2.56
PRA20-6188	19.5'	6" x .188	¾" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
PBTS20-6188	19.5'	6" x .188	¾" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
PRA25-6188	25'	6" x .188	¾" x 30 + 4	9.74	8.46	8.07	6.38	5.12	4.17	3.43	2.85
PBTS25-6188	25'	6" x .188	¾" x 30 + 4	9.74	8.46	8.07	6.38	5.12	4.17	3.43	2.85
PRA30-6188	30'	6" x .188	¾" x 30 + 4	5.61	4.74	4.69	3.54	2.71	2.08	1.60	1.23
PRA30-6250	30'	6" x .188	¾" x 30 + 4	11.37	9.88	9.42	7.45	5.99	4.88	4.02	3.34
PBTS30-6188	30'	6" x .188	¾" x 30 + 4	5.61	4.74	4.69	3.54	2.71	2.08	1.6	

3 **Finish**
Super TGIC powder coat paint over titanated zirconium conversion coating

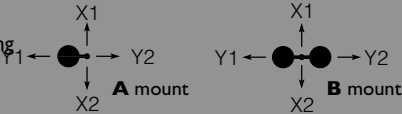
Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

4 **Options**



Hinged Pole Base

Hinging Directions: The use of hinged bases requires pre-planning so poles hinge in a direction dictated by the surrounding environment. Add HB and hinging direction to ordering sequence. Example: HB-X1 NOTE: For FM mount, use HB-X1 base.



Duplex Receptacle

Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded-is sealed with a gasketed self-closing cover and locking bracket. When decorative base cover ordered, the receptacle is above the cover. DR Duplex Receptacle rated 20A., 125V. DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Ordering Example

ORDERING EXAMPLE:	Pole-Orientation	Finish	Options
	PRA20-5188B /	SG /	HB-X1 / DR-GFI
	1-2	3	4

- 2 **Plan View** **Cat. No.** **Mounting Orientations**
- FM: Luminaire is flush mounted directly to top of pole
 - A/SA: Pole is drilled to mount a single luminaire directly to the side of pole
 - B/SB: Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
 - L/SL: Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
 - T/ST: Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
 - Y/SY: Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
 - C/SC: Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

- TS: Single Tension for small and large Structural - PRA20-5188SB-TS
TD: Double Tension for small and large Structural - PRA20-5188B-TD
TR: Truss for small and large Structural - PRA20-5188SB-TR
XTS: Single Tension for 1000W Structural - PRA20-5188B-XTS
XTD: Double Tension for 1000W Structural - PRA20-5188B-XTD
XTR: Truss for 1000W Structural - PRA20-5188B-XTR

* See luminaire drilling requirements in luminaire catalog.

Specifications

Pole Construction: Seamless round extruded aluminum tube of alloy 6063-T6, welded to top and bottom of aluminum base casting of alloy 356.

Base Cover: Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.

Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.

Handhole: 18" up from base, with a gasketed cover and ground lug. Poles with a 3⅝" O.D. include a handhole reinforcement casting welded in place.

Anchor Bolts: Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

Vibration Dampener: All poles 25' and above include an internally mounted, factory installed pendulum vibration dampener, with flush stainless steel socket head fasteners finished to match pole.

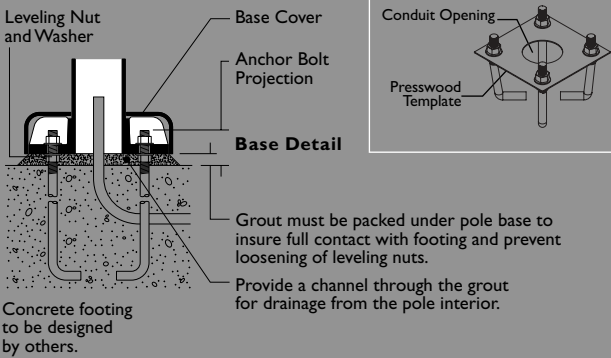
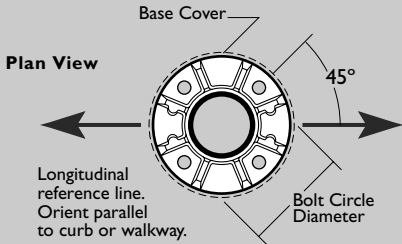
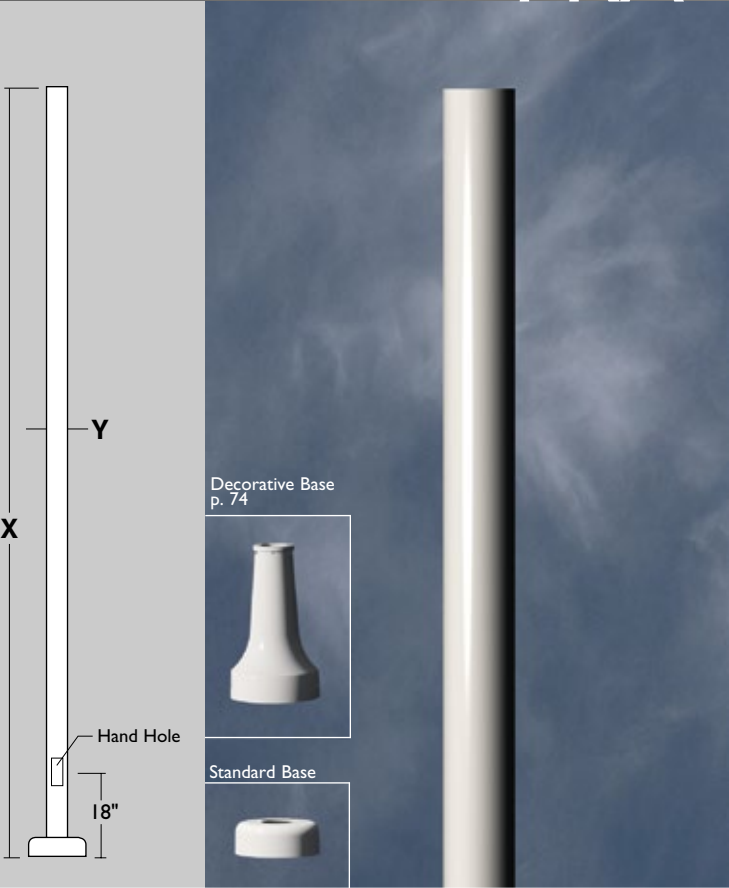
Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Super TGIC thermoset polyester powder coat paint applied over a chromate conversion coating. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

PBTS models include adapter fitter for OTS Luminaires.

Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
3.375"(85.7)	7"(178)	3.13"(80)	9.5"(241)	2.5"(63)
4"(102)	7-8.5"(178-216)	3.25"(83)	11.88"(302)	3"(76)
5"(127)	8.5"(216)	3.25"(83)	11.88"(302)	3"(76)
6"(152)	10.5"(267)	3.38"(85)	14"(356)	5"(127)



Round Steel (Non - Tapered) Poles



Pole Cat. No.				Allowable Pole EPA - Refer to wind map on p. 75							
	X	Y	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
KRS10-4120	10'	4" x 11ga.	3/4" x 15 + 3	21.61	19.07	17.41	14.07	11.53	9.63	8.22	7.09
KRS12-4120	12'	5" x 11ga.	3/4" x 15 + 3	17.33	15.22	13.84	11.05	8.94	7.38	6.26	5.37
KRS14-4120	14'	4" x 11ga.	3/4" x 15 + 3	14.18	12.37	11.18	8.79	6.98	5.67	4.78	4.06
KRS16-4120	16'	4" x 11ga.	3/4" x 15 + 3	11.72	10.13	9.09	7.01	5.42	4.30	3.58	3.01
KRS20-4120	19.5'	4" x 11ga.	3/4" x 30 + 4	7.77	6.55	5.75	4.13	2.91	2.10	1.65	1.31
KRS20-4180	19.5'	4" x 7ga.	3/4" x 30 + 4	12.67	10.92	9.77	7.46	5.70	4.48	3.70	3.09
KRS20-5120	19.5'	5" x 11ga.	3/4" x 30 + 4	13.57	11.62	10.35	8.26	6.73	5.56	4.65	3.93
KRS20-5180	19.5'	5" x 7ga.	3/4" x 30 + 4	21.60	18.79	16.94	13.71	11.31	9.47	8.02	6.86
KRS25-5120	25'	5" x 11ga.	3/4" x 30 + 4	8.46	6.97	6.00	4.61	3.63	2.88	2.31	1.87
KRS25-5180	25'	5" x 7ga.	3/4" x 30 + 4	14.59	12.44	11.03	8.77	7.12	5.86	4.88	4.10
KRS30-5180	30'	5" x 7ga.	3/4" x 30 + 4	9.84	8.12	6.99	5.37	4.23	3.36	2.70	2.18

- 2
- Plan View
- Cat. No.
- Mounting Orientations
- FM: Luminaire is flush mounted directly to top of pole
 - PT: Luminaire is tenon mounted with a slip-fitter or a cluster is used for floodlights. 2" pipe x 4" long (2.375" O.D.)
 -
 - A/SA: Pole is drilled to mount a single luminaire directly to the side of pole
 - B/SB: Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
 - L/SL: Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
 - T/ST: Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
 - Y/SY: Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
 - C/SC: Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

TS: Single Tension for small and large Structural - KRS20-5120B-TS

TD: Double Tension for small and large Structural - KRS20-5120B-TD

TR: Truss for small and large Structural - KRS20-5120SB-TR

XTS: Single Tension for 1000W Structural - KRS20-5120B-XTS

XTD: Double Tension for 1000W Structural - KRS20-5120B-XTD

XTR: Truss for 1000W Structural - KRS20-5120B-XTR

* See luminaire drilling requirements in luminaire catalog.



3 Finish

Super TGIC powder coat paint over titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

4 Options



Anchor Bolt Covers

(Full base cover is standard.)

Four cast aluminum anchor bolt covers finished to match pole, fastened to base with stainless steel screws.

BC4 4" pole Bolt Covers

BC5 5" pole Bolt Covers



Duplex Receptacle

Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.

DR Duplex Receptacle rated 20A., 125V.

DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: One piece non-tapered round shaft of low carbon steel (ASTM-A500 Grade B, 42,000 PSI min. yield) with one flush-welded vertical seam. Shaft is welded to a flat steel anchor base (ASTM-36, 36,000 PSI min. yield).

Base Cover: Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws. Optional anchor bolt covers available.

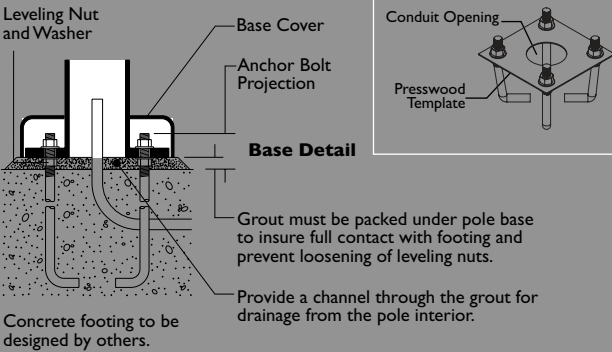
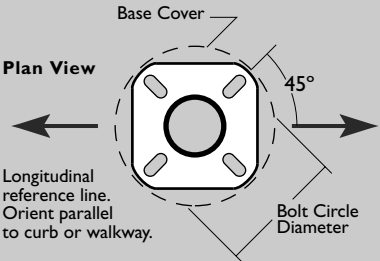
Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires. A rounded cast aluminum pole cap is provided for twin mounted luminaires (NS only).

Handhole: 18" up from base, with a gasketed cover and ground lug. 2" x 4" handhole provided on poles up to 16'. Reinforced 3" x 6" handhole provided on poles 20' and taller.

Anchor Bolts: Four fully galvanized anchor bolts provided (ASTM-36, 36,000 PSI min. yield), complete with eight galvanized nuts, eight galvanized flat washers, and a presswood template.

Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness. 5 stage steel pretreatment to include phosphoric acid etch, followed by iron phosphate bath and chromate sealer for corrosion resistance. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.



Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
4"(102)	7-8.5"(178-216)	3.25"(83)	11.88"(302)	3"(76)
5"(127)	7.5-8.5"(191-216)	3.25"(83)	11.88"(302)	3"(76)

LTRA

Tapered Round Aluminum Poles

Pole Cat. No.					Allowable Pole EPA - Refer to wind map on p. 75							
	X	Y	Z	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
LTRA16-6156	16'	6" x .156	4"	¾" x 30 + 4	21.80	19.36	17.93	14.70	12.26	10.30	8.67	7.36
LTRA16-6188	16'	6" x .188	4"	¾" x 30 + 4	26.32	23.38	21.64	17.77	14.83	12.49	10.56	9.01
LTRA20-5156	20'	5" x .156	3"	¾" x 30 + 4	9.67	8.51	7.98	6.45	5.30	4.42	3.73	3.18
LTRA20-5188	20'	5" x .188	3"	¾" x 30 + 4	12.01	10.59	9.89	8.03	6.63	5.55	4.70	4.03
LTRA20-6156	20'	6" x .156	4"	¾" x 30 + 4	15.75	13.94	12.96	10.58	8.77	7.30	6.04	5.03
LTRA20-6188	20'	6" x .188	4"	¾" x 30 + 4	19.23	17.04	15.82	12.94	10.76	8.99	7.50	6.30
LTRA25-6156	25'	6" x .156	4"	¾" x 30 + 4	10.73	9.44	8.85	7.15	5.88	4.79	3.84	3.06
LTRA25-6188	25'	6" x .188	4"	¾" x 30 + 4	13.39	11.82	11.04	8.96	7.39	6.08	4.95	4.03
LTRA25-7156	25'	7" x .156	4"	1" x 30 + 4	16.32	14.43	13.44	10.95	8.85	7.19	5.88	4.81
LTRA25-8156	25'	8" x .156	4½"	1" x 36 + 4	16.32	14.43	13.44	10.95	8.85	7.19	5.88	4.81
LTRA30-7156	30'	7" x .156	4"	1" x 36 + 4	11.90	10.47	9.81	7.93	6.26	4.93	3.87	3.02
LTRA30-8156	30'	8" x .156	4½"	1" x 36 + 4	17.06	15.09	13.96	11.00	8.75	6.99	5.60	4.48
LTRA30-8188	30'	8" x .188	4½"	1" x 36 + 4	21.03	18.62	17.31	13.69	11.01	8.92	7.26	5.92
LTRA30-8250	30'	8" x .250	4½"	1" x 36 + 4	28.43	25.23	23.30	18.72	15.23	12.52	10.36	8.63
LTRA35-8156	35'	8" x .156	4½"	1" x 36 + 4	13.01	11.45	10.63	8.17	6.30	4.84	3.69	2.75
LTRA35-8188	35'	8" x .188	4½"	1" x 36 + 4	16.30	14.38	13.33	10.40	8.17	6.44	5.06	3.95
LTRA35-8250	35'	8" x .250	4½"	1" x 36 + 4	22.44	19.86	18.37	14.57	11.68	9.42	7.64	6.20
LTRA35-10188	35'	10" x .188	6"	1" x 48 + 6	28.03	24.51	22.20	17.56	14.03	11.29	9.11	7.35
LTRA39-8188	39'	8" x .188	4½"	1" x 36 + 4	13.29	11.68	10.85	8.28	6.33	4.81	3.60	2.63
LTRA39-8250	39'	8" x .250	4½"	1" x 36 + 4	18.68	16.49	15.28	11.94	9.40	7.43	5.86	4.60
LTRA39-10188	39'	10" x .188	6"	1" x 48 + 6	23.51	20.43	18.40	14.33	11.23	8.82	6.91	5.37
LTRA39-10250	39'	10" x .250	6"	1" x 48 + 6	32.23	28.20	25.56	20.25	16.20	13.06	10.56	8.55
LTRA48-10250	48'	10" x .250	6"	1" x 48 + 6	22.78	19.65	17.59	13.46	10.31	7.87	5.93	4.36
LTRA50-10250	50'	10" x .250	6"	1¼" x 42 + 6	15.85	13.44	9.65	6.85	4.72	3.07	1.75	-

- 2
- Plan View

°Cat. No.

Mounting Orientations
- FM:

Luminaire is flush mounted directly to top of pole
- A/SA:

Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB:

Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL:

Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST:

Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- Y/SY:

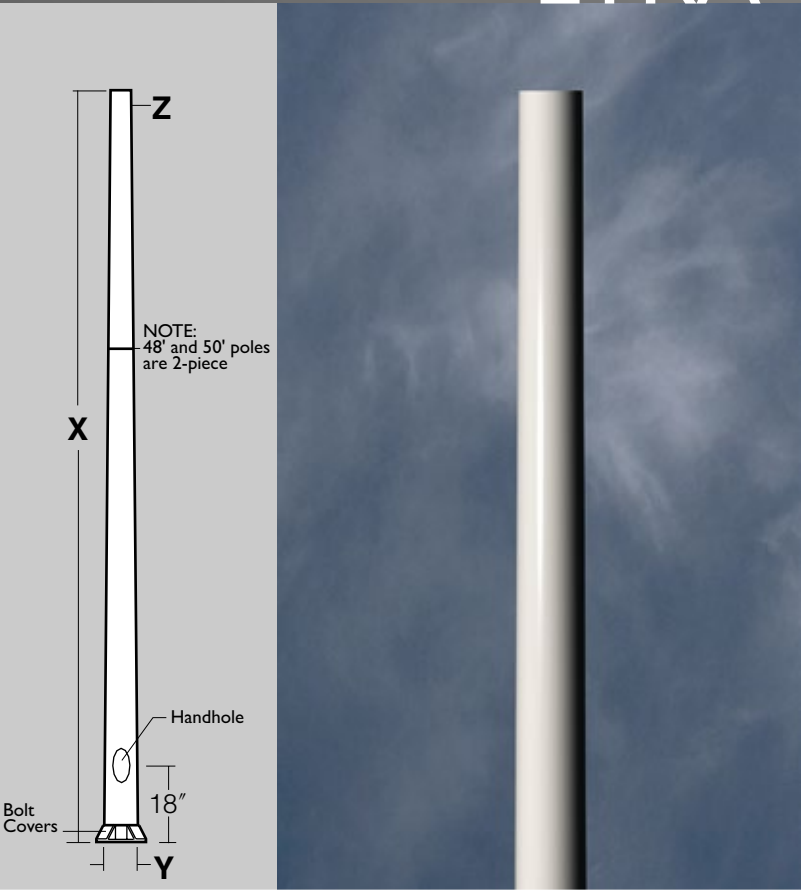
Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
- C/SC:

Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

- TS:
- Single Tension for small and large Structural - LTRA20-5156B-TS
- TD:
- Double Tension for small and large Structural - LTRA20-5156B-TD
- TR:
- Truss for small and large Structural - LTRA20-5156SB-TR
- XTS:
- Single Tension for 1000W Structural - LTRA20-5156B-XTS
- XTD:
- Double Tension for 1000W Structural - LTRA20-5156B-XTD
- XTR:
- Truss for 1000W Structural - LTRA20-5156B-XTR

* See luminaire drilling requirements in luminaire catalog.



- 3
- Finish

Standard TGIC powder coat paint over titanated zirconium conversion coating
- Color:

Black

Dark Bronze

Light Gray

Stealth Gray

Platinum Silver

White

Custom Colors
- Cat No.:

BL

DB

LG

SG

PS

WH

CC - Consult representative for custom colors.

ORDERING EXAMPLE: Pole-Orientation
LTRA20-5156B / Finish
SG

1-2

3

Specifications

Pole Construction: Tapered by spinning and coldworking a seamless one piece extruded tube of aluminum alloy 6063-T6. After tapering, shaft is welded to a cast aluminum anchor base of alloy A356, heat-treated to T-6 temper, and rotary sand finished. Poles above 39' include a flush field joint approximately 26½' above base, with both sections taper spun.

Bolt Covers: Cast aluminum anchor bolt covers included.

Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.

Handhole: Reinforced handhole with a gasketed cover and ground lug provided, 18" up from base. Cover mounts flush.

Anchor Bolts: Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

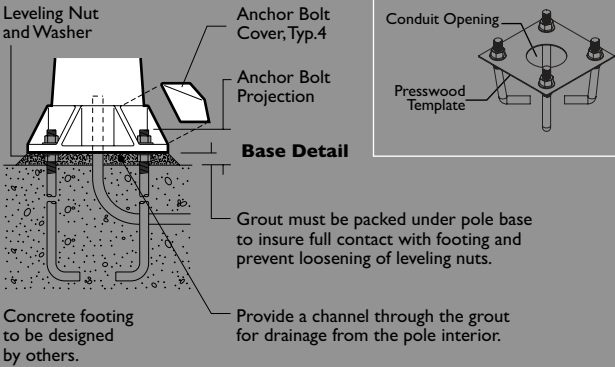
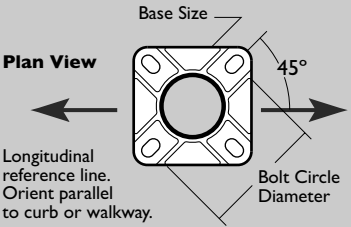
Vibration Dampener: Poles 20' and above include a mechanically fastened internal pendulum vibration dampener.

Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Standard thermoset polyester powder coat paint. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Anchor Base and Bolt Detail (mm)

Y Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
5"(127)	9.5"(241)	3.25"(83)	9.25"(235)	4.5"(114)
6"(152)	9.5"(241)	3.25"(83)	10.25"(260)	5"(127)
7"(178)	11"(216)	3.5"(89)	10.75"(273)	3"(76)
8"(203)	11.5"(267)	3.5"(89)	11.63"(295)	5"(127)
10"(254)	14.75"(267)	4.75"(121)	14.5"(368)	6"(152)





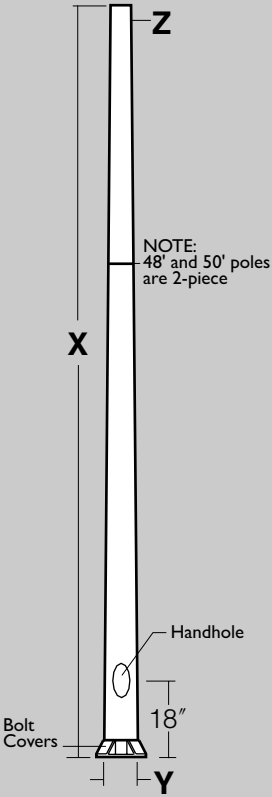
Pole Cat. No.	Allowable Pole EPA - Refer to wind map on p. 75											
	X	Y	Z	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PTRS20-61120	20'	6.1" x .1 l.g.	3.3 ¹²	¾" x 30 + 4	29.50	26.21	24.25	19.91	16.62	14.07	11.89	10.14
PTRS20-65120	20'	6.5" x .1 l.g.	3.7 ²	1" x 36 + 4	34.07	30.29	28.01	23.01	19.23	16.11	13.64	11.64
PTRS25-68120	25'	6.8" x .1 l.g.	3.3 ¹²	¾" x 30 + 4	27.59	24.49	22.69	18.60	15.47	12.86	10.79	9.12
PTRS25-71120	25'	6.8" x .1 l.g.	3.3 ¹²	1" x 36 + 4	28.47	25.24	23.43	19.16	15.93	13.44	11.47	9.77
PTRS30-75120	30'	7.5" x .1 l.g.	3.3 ¹²	1" x 36 + 4	25.50	22.57	20.99	17.13	14.21	11.95	10.02	8.38
PTRS30-81120	30'	8.1" x .1 l.g.	3.9 ²	1" x 36 + 4	30.65	27.16	25.22	20.62	17.14	14.27	11.89	9.97
PTRS35-85120	35'	8.5" x .1 l.g.	3.6 ¹²	1" x 36 + 4	27.28	24.14	22.46	18.32	15.11	12.37	10.19	8.44
PTRS39-9120	39'	9" x .1 l.g.	3.5 ²	1" x 36 + 4	26.45	23.39	21.78	17.74	14.33	11.63	9.48	7.75
PTRS45-10120	45'	10" x .1 l.g.	3.9 ²	1" x 36 + 4	27.15	23.98	22.36	17.61	13.99	11.17	8.93	7.13
PTRS50-10120	50'	10" x .1 l.g.	3.9 ¹²	1" x 36 + 4		17.18	15.08	11.84	8.87	6.60	4.83	3.43
2.30												
PTRS50-11188	50'	11" x .1 l.g.	4.2	1 ¼" x 42 + 6	35.90	31.78	24.65	19.30	15.24	12.07	9.56	7.54

- FM: Luminaire is flush mounted directly to top of pole
- PT: Luminaire is tenon mounted with a slip-fitter or a cluster is used for floodlights. 2" pipe x 4" long (2.375" O.D.)
- A/SA: Pole is drilled to mount a single luminaire directly to the side of pole
- L B/SB: Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L L/SL: Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST: Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- Y/SY: Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
- C/SC: Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

TS:	Single Tension for small and large Structural - PTRS25-7120B-TS
TD:	Double Tension for small and large Structural - PTRS25-7120B-TD
TR:	Truss for small and large Structural - PTRS25-7120SB-TR
XTS:	Single Tension for 1000W Structural - PTRS25-7120B-XTS
XTD:	Double Tension for 1000W Structural - PTRS25-7120B-XTD
XTR:	Truss for 1000W Structural - PTRS25-7120B-XTR

See luminaire drilling requirements in luminaire catalog.



Standard TGIC powder coat paint over
titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.

DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Pole Construction: One piece tapered round shaft of high tensile carbon steel (55,000 PSI min. yield) with one vertical welded seam, ground flush to the shaft. Poles above 39' include an overlapping tapered slip-fit field joint (at 25½' for PTRS45-10120 and PTRS50-10120, and at 39' for PTRS50-11188), with both sections taper spun. Shaft is welded to a flat steel anchor base.

Bolt Covers: Cast aluminum anchor bolt covers with stainless steel hold down screws included.

Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.

Handhole: 4" x 6 1/2" reinforced oval handhole with a gasketed cover and grounding nut provided, 18" up from base.

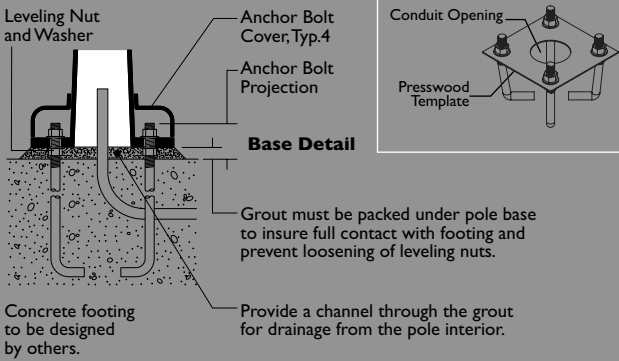
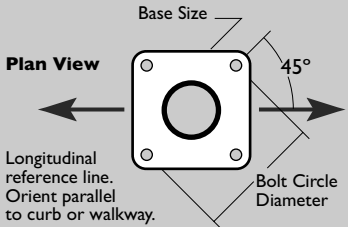
Anchor Bolts: Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Standard TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening





Square Aluminum (Non-Tapered) Poles

Pole Cat. No.	Allowable Pole EPA - Refer to wind map on p. 75										
	X	Y	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PSA12-4125	12'	4" x .125	¾" x 15 + 3	12.82	11.05	9.88	7.53	5.75	4.36	3.26	2.37
PSA14-4125	14'	4" x .125	¾" x 15 + 3	9.87	8.34	7.34	5.33	3.80	2.61	1.67	-
PSA14-4188	14'	4" x .188	¾" x 15 + 3	18.08	15.67	14.09	10.90	8.48	6.60	5.11	3.90
PSA16-4125	16'	4" x .125	¾" x 15 + 3	7.50	6.16	5.29	3.53	2.19	1.15	-	-
PSA16-4188	16'	4" x .188	¾" x 15 + 3	14.68	12.57	11.19	8.40	6.29	4.64	3.33	2.28
PSA20-4188	19.5'	4" x .188	¾" x 30 + 4	9.70	8.07	7.00	4.85	3.22	1.94	0.93	-
PSA20-5188	19.5'	5" x .188	¾" x 30 + 4	16.80	14.19	12.47	9.01	6.39	4.34	2.72	1.41
PSA25-5400	25'	5" x .400	¾" x 30 + 4	14.79	12.23	10.55	7.18	4.62	2.62	1.04	-
PSA30-6400	30'	6" x .400	¾" x 30 + 4	14.73	11.79	9.86	5.98	3.03	-	-	-
PSA30-66500	30'	6.6" x .500	¾" x 30 + 4	29.42	24.74	21.67	15.51	10.82	7.16	4.27	1.93

¹ Pole reinforced to 40' above base, to .400", remaining section is .188"
² Pole reinforced to 40' above base, to .400", remaining section is .250"
³ Pole reinforced to 40' above base, to .500", remaining section is .250"

- 2
- Plan View

°Cat. No.

Mounting Orientations
- FM:

Luminaire is flush mounted directly to top of pole
- A/SA:

Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB:

Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL:

Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST:

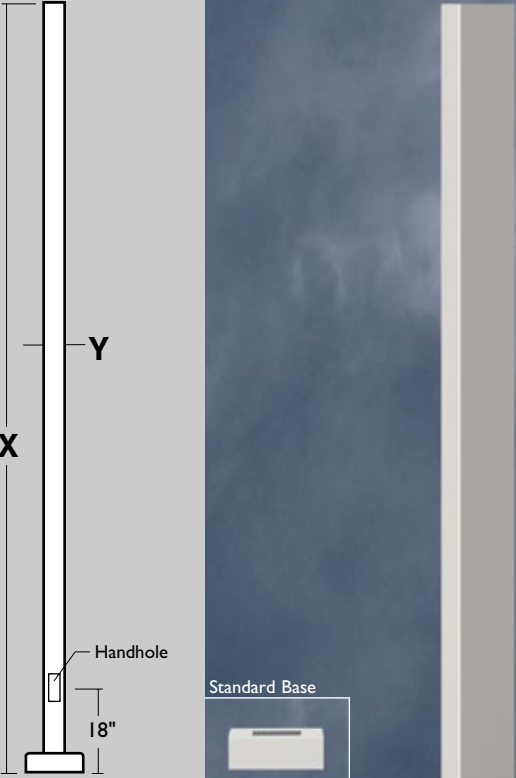
Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- C/SC:

Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

- TS: Single Tension for small and large Structural - PSA20-5188B-TS
- TD: Double Tension for small and large Structural - PSA20-5188B-TD
- TR: Truss for small and large Structural - PSA20-5188SB-TR
- XTS: Single Tension for 1000W Structural - PSA20-5188B-XTS
- XTD: Double Tension for 1000W Structural - PSA20-5188B-XTD
- XTR: Truss for 1000W Structural - PSA20-5188B-XTR

* See luminaire drilling requirements in luminaire catalog.

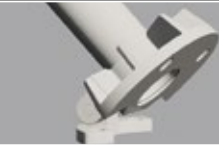


- 3
- Finish

Super TGIC powder coat paint over titanated zirconium conversion coating

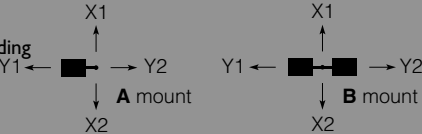
Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

- 4
- Options



Hinged Pole Base

Hinging Directions: The use of hinged bases requires pre-planning so poles hinge in a direction dictated by the surrounding environment.
Add HB and hinging direction to ordering sequence.
Example: HB-X1 NOTE: For FM mount, use HB-X1 base.



Duplex Receptacle

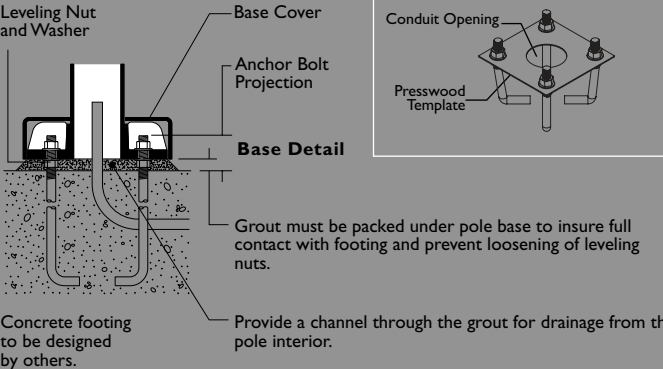
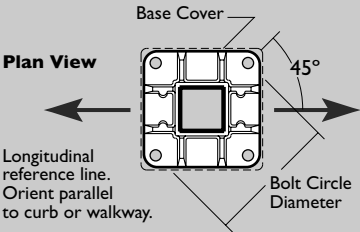
Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.
DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: Seamless square extruded aluminum tube of alloy 6063-T6, welded to top and bottom of aluminum base casting of alloy 356.
Base Cover: Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.
Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.
Handhole: 18' up from base, with a gasketed cover and ground lug.
Anchor Bolts: Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.
Reinforcing Sleeve: All poles 25' and above include an internal aluminum reinforcing sleeve, welded at the base.
Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.
Finish: Super TGIC thermoset polyester powder coat paint applied over a chromate conversion coating. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
4"(102)	11"(279)	3.13"(79)	10.5"(267)	3"(76)
5"(127)	11"(279)	3.25"(83)	11.5"(292)	3"(76)
6"(152)	12.5"(318)	3.5"(89)	12"(305)	5"(127)
6.64"(169)	14.5"(368)	3.87"(98)	14.5"(368)	5"(127)





Square Steel (Non-Tapered) Poles

Pole Cat. No.	Allowable Pole EPA - Refer to wind map on p. 75										
	X	Y	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
KSS10-4120	10'	4" x 11 ga.	¾" x 15 + 3	34.16	30.24	27.67	22.51	18.58	15.52	13.10	11.14
KSS12-4120	12'	4" x 11 ga.	¾" x 15 + 3	27.70	24.44	22.30	17.99	14.72	12.17	10.15	8.52
KSS14-4120	14'	4" x 11 ga.	¾" x 15 + 3	22.97	20.17	18.34	14.65	11.84	9.66	7.93	6.53
KSS16-4120	16'	4" x 11 ga.	¾" x 15 + 3	19.32	16.87	15.26	12.04	9.58	7.67	6.15	4.93
KSS20-4120	19.5'	4" x 11 ga.	¾" x 30 + 4	13.78	11.90	10.66	8.16	6.27	4.80	3.63	2.68
KSS20-4180	19.5'	4" x 7 ga.	¾" x 30 + 4	21.36	18.65	16.87	13.30	10.59	8.48	6.80	5.45
KSS25-4120	25'	4" x 11 ga.	¾" x 30 + 4	8.55	7.11	6.16	4.26	2.61	1.69	0.80	-
KSS25-4180	25'	4" x 7 ga.	¾" x 30 + 4	14.33	12.26	10.91	8.18	6.11	4.50	3.22	2.18
KSS25-5120	25'	5" x 11 ga.	¾" x 30 + 4	15.24	12.94	11.44	8.41	6.11	4.32	2.90	1.75
KSS25-5180	25'	5" x 7 ga.	¾" x 30 + 4	24.71	21.40	19.22	14.84	11.52	8.93	6.87	5.21
KSS30-4180	30'	4" x 7 ga.	¾" x 30 + 4	9.80	8.14	7.06	4.87	3.21	1.91	-	-
KSS30-5180	30'	5" x 7 ga.	¾" x 30 + 4	17.71	15.05	13.30	9.79	7.12	5.04	3.40	2.07

- 2
- Plan View

°Cat. No.

■

FM:

■

PT:

■

A/SA:

■

B/SB:

■

L/SL:

■

T/ST:

■

C/SC:
- FM: Luminaire is flush mounted directly to top of pole
- PT: Luminaire is tenon mounted with a slip-fitter or a cluster is used for floodlights. 2" pipe x 4" long (2.375" O.D.)
- A/SA: Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB: Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL: Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST: Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- C/SC: Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

Structural Luminaires Only - Examples:

- TS: Single Tension for small and large Structural - KSS20-4128B-TS
- TD: Double Tension for small and large Structural - KSS20-4128B-TD
- TR: Truss for small and large Structural - KSS20-4128SB-TR
- XTS: Single Tension for 1000W Structural - KSS20-4128B-XTS
- XTD: Double Tension for 1000W Structural - KSS20-4128B-XTD
- XTR: Truss for 1000W Structural - KSS20-4128B-XTR

* See luminaire drilling requirements in luminaire catalog.



- 3
- Finish

Super TGIC powder coat paint over titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

- 4
- Options



Duplex Receptacle
Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.
DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: One piece non-tapered square shaft of low carbon steel (ASTM-A500, Grade B, 46,000 PSI min. yield) with one flush-welded vertical seam. Shaft is welded to a flat steel anchor base (ASTM-36, 36,000 PSI min. yield).

Base Cover: Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.

Pole Cap: A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.

Handhole: 18" up from base, with a gasketed cover and ground lug. 2' x 4" handhole provided on poles up to 16'. Reinforced 3" x 6" handhole provided on poles 20' and taller.

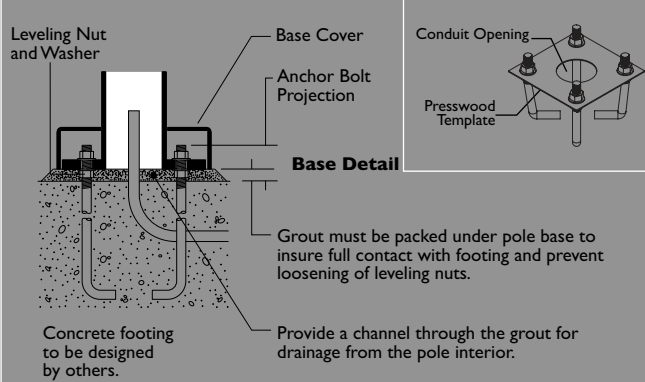
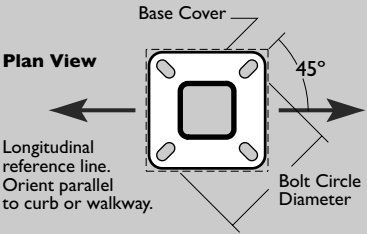
Anchor Bolts: Four fully galvanized anchor bolts provided (ASTM-36, 36,000 PSI min. yield), complete with eight galvanized nuts, eight galvanized flat washers, and a presswood template.

Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness. 5 stage steel pretreatment to include phosphoric acid etch, followed by iron phosphate bath and chromate sealer for corrosion resistance. Custom colors are a vailable and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
4"(102)	7.5-8.5"(191-216)	3.13"(79)	10.5"(267)	3"(76)
5"(127)	7.5-8.5"(191-216)	3.25"(83)	11.5"(292)	3"(76)





PTSS

Tapered Square Steel Poles

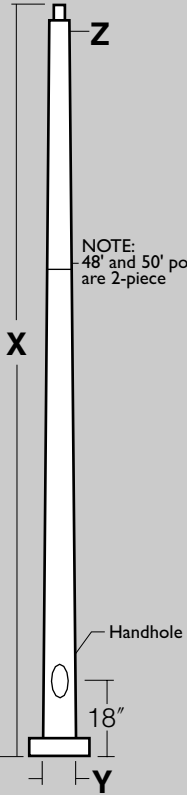
Pole Cat. No.					Allowable Pole EPA - Refer to wind map on p. 75							
	X	Y	Z	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
PTSS20-52120	20'	5¼" x 11 ga.	3¼"	1" x 36 + 4	32.52	28.54	25.93	20.69	16.71	13.60	11.14	9.15
PTSS25-62120	25'	6¼" x 11 ga.	3¾"	1" x 36 + 4	34.25	29.90	27.05	21.31	16.95	13.56	10.86	8.69
PTSS30-62120	30'	6¼" x 11 ga.	3¼"	1" x 36 + 4	25.70	22.21	19.92	15.32	11.83	9.10	6.94	5.20
PTSS35-71120	35'	7¾" x 11 ga.	3¾"	1" x 36 + 4	27.29	23.44	20.92	15.84	11.99	8.98	6.60	4.68
PTSS39-71120	39'	7¾" x 11 ga.	2½"	1" x 48 + 6	22.41	19.03	16.82	12.37	8.98	6.35	4.26	2.57
PTSS39-71188	39'	7½" x 7 ga.	2½"	1" x 48 + 6	36.12	31.27	28.09	21.69	16.82	13.04	10.03	7.61
PTSS45-8188	45'	8" x 7 ga.	3¾"	¾" x 15 + 3	36.16	30.97	27.56	20.71	15.50	11.45	8.23	5.64
PTSS45-9188	45'	9" x 7 ga.	4¾"	1¼" x 42 + 6	47.37	40.74	36.40	27.66	21.02	15.85	11.75	8.44
PTSS50-8188	50'	8" x 7 ga.	3¼"	1¼" x 42 + 6	21.57	17.87	12.07	7.78	4.52	1.97	-	-
PTSS50-9250	50'	9" x 3 ga.	3¾"	1½" x 54 + 6	44.17	37.77	27.74	20.31	14.66	10.27	6.78	3.97

- 2
- Plan View
- Cat. No.
- Mounting Orientations
- PT:
- Luminaire is tenon mounted with a slip-fitter or a cluster is used for floodlights. 2" pipe x 4" long (2.375" O.D.)
- A/SA:
- Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB:
- Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL:
- Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST:
- Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- C/SC:
- Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart

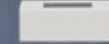
Structural Luminaires Only - Examples:

- TS:
- Single Tension for small and large Structural - PTSS25-6212B-TS
- TD:
- Double Tension for small and large Structural - PTSS25-6212B-TD
- TR:
- Truss for small and large Structural - PTSS25-6212SB-TR
- XTS:
- Single Tension for 1000W Structural - PTSS25-6212B-XTS
- XTD:
- Double Tension for 1000W Structural - PTSS25-6212B-XTD
- XTR:
- Truss for 1000W Structural - PTSS25-6212B-XTR

* See luminaire drilling requirements in luminaire catalog.



Standard Base



- 3
- Finish
- Super TGIC powder coat paint over titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

- 4
- Options



Duplex Receptacle

Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.

DR Duplex Receptacle rated 20A., 125V.

DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: One piece tapered square shaft of high tensile carbon steel (55,000 PSI min. yield) with one flush-welded vertical seam. Shaft is welded to a flat steel anchor base. Poles above 39' include an overlapping tapered slip-fit field joint at 36K', with both sections tapered.

Base Cover: Poles 39' and shorter include a two piece cast aluminum full base cover of 319 alloy, secured with stainless steel screws. Poles above 39' include a fabricated steel base cover, secured with stainless steel screws.

Pole Cap / Post Top Tenon: a flush-sided cast aluminum pole cap is included for side arm mounted luminaires (overlapping pole cap with PTSS45-9188 and PTSS50-9250). For all poles with post top mounted luminaires, a 2" pipe-size tenon (2¾" O.D. x 4½" long) is provided.

Handhole: 18" up from base, with a gasketed cover and grounding nut. 3" x 5" reinforced oval handhole provided on 20' poles. 4" x 6½" reinforced oval handhole provided on poles 25' and taller.

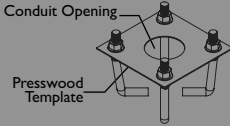
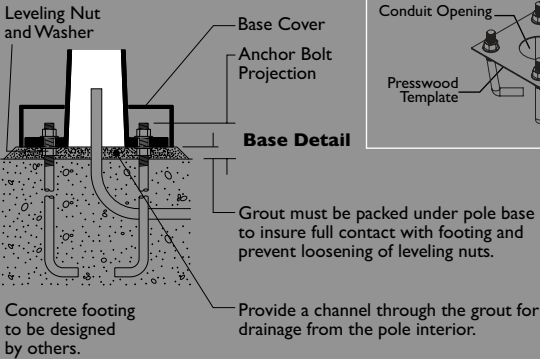
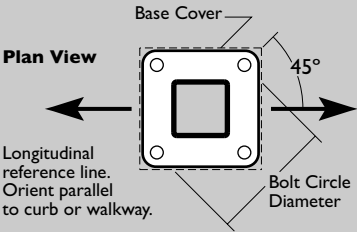
Anchor Bolts: Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

Strength: Poles will withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions.

Finish: Standard thermoset polyester powder coat paint. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Anchor Base and Bolt Detail (mm)

Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
6"(152)	9.5"(241)	3.25"(83)	10.25"(260)	5"(127)
7"(178)	11"(216)	3.5"(89)	10.75"(273)	3"(76)
8"(203)	11.5"(267)	3.5"(89)	11.63"(295)	5"(127)
9"(229)	12.5"(318)	3.875"(98)	12.75"(324)	7"(178)
11"(279)	15"(267)	4.25"(108)	15"(267)	7"(178)



Poles - Heritage Series

Stepped Aluminum Smooth Poles	68 - 69
Stepped Aluminum Fluted Poles	70 - 71
Round Aluminum Poles	72 - 73
Pole Base & Finial Selections	74
Wind Map	75
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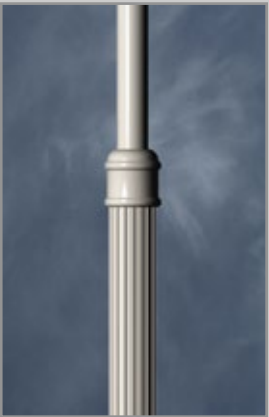


Premium Pole Selection



Stepped Aluminum Smooth
p. 66

Stepped Smooth Poles are designed to provide the heritage look without overpowering the luminaire. While these poles can be dressed up with the Traditional Base Cover, they look best when the smooth Era Base Cover or Decorative Base Cover is used. In this pole configuration, the lower section is always 2/3 of the pole height.



Stepped Aluminum Fluted
p. 68

Stepped Fluted Poles provide the most vivid heritage look, particularly when the Traditional Base Cover is selected. In this pole configuration, the fluted lower section is always 2/3 of the pole height, and transitions to the upper smooth section through a cast decorative collar.



Round Aluminum
p. 70

Straight Poles provide the most economical solution to the heritage look, emphasizing the luminaire rather than the pole. By adding the Decorative Base Cover and a Pole Top Finial, a stronger visual tie to the luminaire is created, and a stronger overall heritage look is established.

Kim Lighting’s Heritage Pole Series

Unlike contemporary luminaires where the fixture design is dominant over the pole, heritage style luminaires rely on the pole and arm to complete the overall design statement. Kim’s heritage style luminaires are designed to be simple and elegant fixtures that are universal in application, and not period-specific. Now, Kim has applied this same design approach to poles and arms, creating a system of components that assemble into a broad vocabulary of looks that complement Kim heritage style luminaires. In combination, Kim heritage style luminaires, arms, and poles provide an elegant outdoor lighting design statement that will stand the test of time.

Like all Kim products, Kim Lighting’s Poles and Arms are constructed of heavy cast and extruded aluminum components. Only low-copper-content aluminum is used to promote maximum longevity in the outdoor environment, and the finish is a premium powder coating applied over a titanated zirconium conversion coating for maximum adhesion. Furthermore, there are no visible welds anywhere on the arms or poles to distract from the design. Simple, elegant and timeless, the Kim Heritage Collection of products can provide a solution for every outdoor lighting application.

Caution: Installation of poles without luminaire(s) will compromise pole strength. Any accessories attached to pole, or other modifications will compromise pole strength and may result in pole failure.

Maintenance: A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to pole collapse and serious personal injury.

Note: All allowable pole and fixture EPAs are derived from the AASHTO standard. Responsibility lies with specifier for correct pole selection based on local codes and standards for the job. Refer to luminaire and arm catalog for proper fixture limitations of pole.



Heritage Standard Base Cover
p. 74



Decorative Base Cover
p. 74



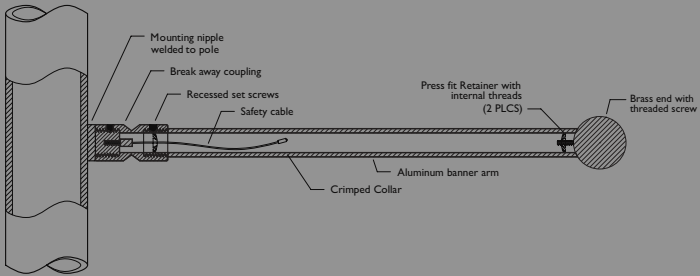
Traditional Base Cover
p. 74



Finials
p. 74



Dome Pole Cap
p. 74



BreakAway Banner Arm

The breakaway coupling is designed to fail before over-stressing the pole. An internal, stainless steel cable keeps the arm attached to the pole assembly. The failure point for the coupling is affected by the banner type, pole height and vertical location of the banner on the pole. The loading is also affected by securing the banner at the top only, or the top and bottom. Contact the factory for the maximum banner size recommended for your application.

Heritage Poles

HSAS

Era Stepped Aluminum Smooth Poles

Pole Cat. No.							Allowable Pole EPA - Refer to wind map on p. 75							
	X	X1	X2	Y1	Y2	A.B. Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
HSAS10-534188	10'	6.5	3.5	5' x .188	3.375"	¾" x 15 + 3	29.54	26.14	23.92	19.55	16.24	13.67	11.63	9.99
HSAS12-534188	12'	8	4	5' x .188	3.375"	¾" x 15 + 3	23.91	21.09	19.23	15.63	12.91	10.80	9.13	7.79
HSAS14-534188	14'	9.3	4.7	5' x .188	3.375"	¾" x 15 + 3	19.80	17.38	15.79	12.74	10.45	8.67	7.26	6.14
HSAS16-534188	16'	10.5	5.5	5' x .188	3.375"	¾" x 15 + 3	16.64	14.52	13.12	10.50	8.52	6.99	5.78	4.8
HSAS20-534188	19.5'	13	6.4	5' x .188	4"	¾" x 15 + 3	11.73	10.09	9.02	7.06	5.60	4.47	3.58	2.87
HSAS14-64188	14'	9.3	4.7	6" x .188	4"	¾" x 15 + 3	29.78	26.23	23.89	19.70	16.26	13.59	11.48	10.0
HSAS16-64188	16'	10.5	5.5	6" x .188	4"	¾" x 15 + 3	25.24	22.12	20.08	16.54	13.56	11.25	9.42	8.29
HSAS20-64188	20'	13	6.5	6" x .188	4"	¾" x 30 + 4	18.15	15.94	14.63	11.67	9.43	7.77	6.56	5.59
HSAS25-64188	25'	16.7	8.3	6" x .188	4"	¾" x 30 + 4	11.85	10.21	9.34	7.19	5.56	4.40	3.62	3.00
HSAS25-64250 ¹	25'	16.7	8.3	6" x .250	4"	¾" x 30 + 4	16.75	14.58	13.36	10.51	8.35	6.78	5.67	4.79
HSAS30-64250	30'	20	10	6" x .250	4"	¾" x 30 + 4	11.63	9.96	9.10	6.90	5.25	4.08	3.31	2.714
HSAS30-64400 ¹	30'	20	10	6" x .400	4"	¾" x 30 + 4	17.73	15.37	14.03	10.82	8.56	6.87	5.70	4.79

¹Pole reinforced, to 40" above base, to .400", remaining section is .250"

- 2
- Plan View

Cat. No.

Mounting Orientations
- FM:

Luminaire is flush mounted directly to top of pole
- A/SA:

Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB:

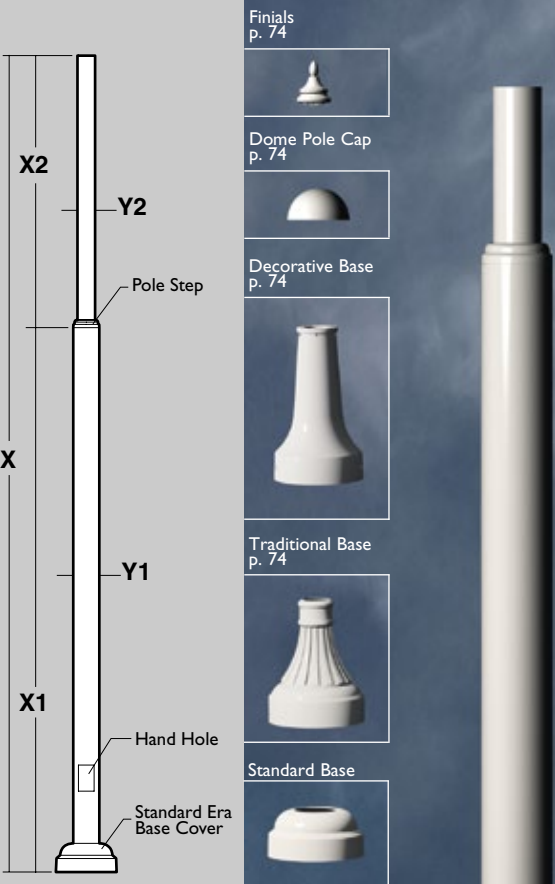
Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL:

Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST:

Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- Y/SY:

Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
- C/SC:

Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart



3

Finish
Super TGIC powder coat paint over titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

4

Options



Duplex Receptacle
Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. When decorative base cover is ordered, the receptacle is above the cover.
DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: Seamless round extruded aluminum tube of alloy 6063-T6, welded to top and bottom of aluminum base casting of alloy 356.

Base Cover: Two-piece, cast aluminum full cover, secured by stainless set screws. The standard base cover is the Era Base Cover. Two optional base cover styles available.

1) HBC1 - Decorative smooth sided cast aluminum base cover.

2) HBC2 - Traditional fluted side cast aluminum base cover.

Pole Cap: Flat cast aluminum provided for allside-mounted luminaires. Optional traditional style finial available.

1) HF1 - Dome style cast aluminum cap.

2) HF2 - Traditional style cast aluminum finial.

Handhole: 18" above the base cover, with a gasketed cover and ground lug.

Anchor Bolts: Four galvanized anchor bolts provided complete with eight nuts, eight flat washers, and a presswood template.

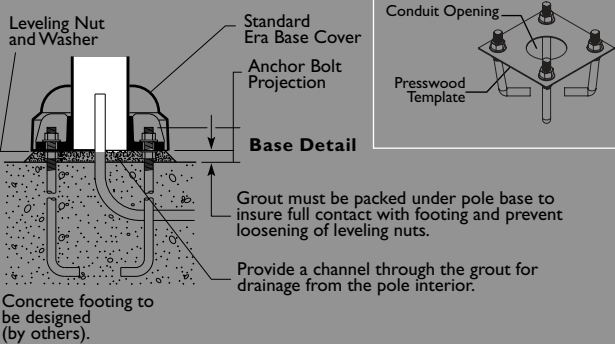
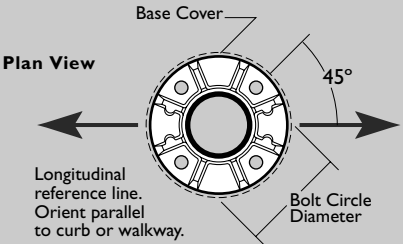
Vibration Damper: All poles 25' and above include an internally mounted, factory installed pendulum vibration dampener, with flush stainless steel socket head fasteners finished to match pole.

Strength: Poles designed to withstand wind loads as listed in chart (See page 5) when luminaires are mounted per fixture installation instructions. Refer to specific Era® Collection mounting arm for specific luminaire and arm EPA.

Finish: Super TGIC thermoset polyester powder coat paint applied over a Titanated Zirconium conversion coatin








Anchor Base and Bolt Detail (mm)

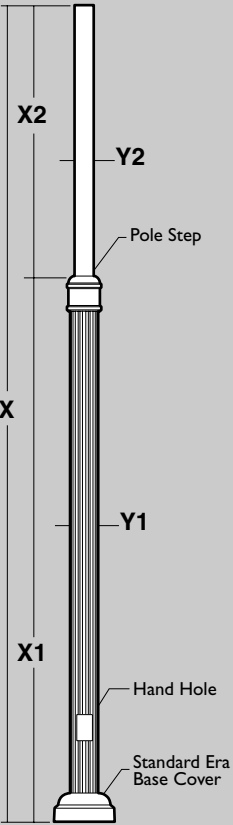
Y1 Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
5"(127)	8.5"(216)	3.25"(83)	11.88"(302)	3"(76)
6"(152)	10.5"(267)	3.38"(85)	14"(356)	5"(127)





Pole Cat. No.						A.B. Size	Allowable Pole EPA - Refer to wind map on p. 75					130 (58m/s)	140 (63m/s)	150 (67m/s)
	X	X1	X2	Y1	Y2		85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)			
HSAF10-534188	10'	6.5	3.5	5' x .188	3.375"	¾" x 15 + 3	41.46	36.78	33.70	27.64	23.03	19.46	16.62	14.34
HSAF12-534188	12'	8	4	5' x .188	3.375"	¾" x 15 + 3	33.85	29.95	27.38	22.37	18.58	15.63	13.29	11.42
HSAF14-534188	14'	9.3	4.7	5' x .188	3.375"	¾" x 15 + 3	28.32	24.97	22.78	18.52	15.30	12.81	10.83	9.24
HSAF16-534188	16'	10.5	5.5	5' x .188	3.375"	¾" x 30 + 4	24.09	21.16	19.24	15.55	12.77	10.61	8.90	7.54
HSAF20-534188	19.5'	13	6.4	5' x .188	3.375"	¾" x 30 + 4	17.48	15.22	13.74	10.96	8.88	7.26	5.99	4.97
HSAF14-64188	14'	9.3	4.7	6' x .188	4"	¾" x 15 + 3	39.42	34.97	32.15	26.24	21.76	18.33	15.70	13.59
HSAF16-64188	16'	10.5	5.5	6' x .188	4"	¾" x 30 + 4	33.67	29.81	27.39	22.26	18.37	15.41	13.17	11.36
HSAF20-64188	19.5'	13	6.5	6' x .188	4"	¾" x 30 + 4	24.66	21.75	19.97	16.08	13.14	10.93	9.28	7.97
HSAF25-64188	25'	16.7	8.3	6' x .188	4"	¾" x 30 + 4	16.82	14.65	13.42	10.56	8.39	6.81	5.70	4.81
HSAF25-64400	25'	16.7	8.3	6' x .400	4"	¾" x 30 + 4	20.81	18.17	16.62	13.14	10.50	8.57	7.20	6.11
HSAF30-64188	30'	20	10	6' x .188	4"	¾" x 30 + 4	11.68	10.01	9.15	6.94	5.28	4.11	3.34	2.73
HSAF30-64400 ¹	30'	20	10	6' x .400	4"	¾" x 30 + 4	17.80	15.43	14.09	10.97	8.60	6.90	5.74	4.81

Plan View	Cat. No.	Mounting Orientations
	FM:	Luminaire is flush mounted directly to top of pole
	A/SA:	Pole is drilled to mount a single luminaire directly to the side of pole
	B/SB:	Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
	L/SL:	Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
	T/ST:	Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
	Y/SY:	Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
	C/SC:	Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart



Super TGIC powder coat paint over
titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket.

DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Pole Construction: Seamless round extruded aluminum tube of alloy 6063-T6, welded to top and bottom of aluminum base casting of alloy 356.

Base Cover: Two-piece, cast aluminum full cover, secured by stainless set screws. The standard base cover is the Era Base Cover. Two optional base cover styles available.

- 1) HBC1 - Decorative smooth sided cast aluminum base cover.
- 2) HBC2 - Traditional fluted side cast aluminum base cover.

Pole Cap: Flat cast aluminum provided for all side-mounted luminaires. Optional traditional style finial available.

- 1) HF1 - Dome style cast aluminum cap.
- 2) HF2 - Traditional style cast aluminum finial.

Handhole: 18" up from base, with a gasketed cover and ground lug

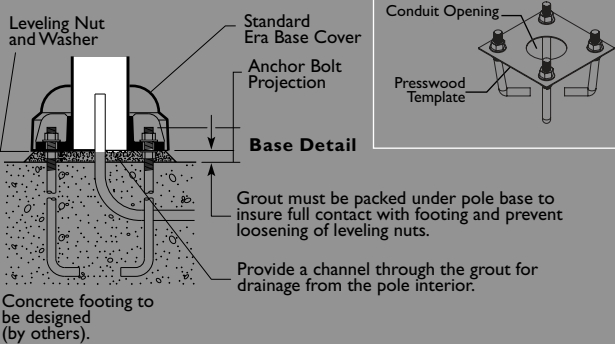
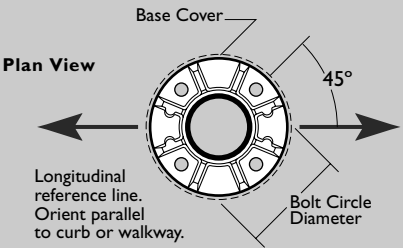
Anchor Bolts: Four galvanized anchor bolts provided complete with eight nuts, eight flat washers, and a presswood template.

Vibration Dampener: All poles 25' and above include an internally mounted, factory installed pendulum vibration dampener, with flush stainless steel socket head fasteners finished to match pole.

Strength: Poles designed to withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions. Refer to specific Era® Collection mounting arm for specific luminaire and arm EPA.

Finish: Super TGIC thermoset polyester powder coat paint applied over a Titanated Zirconium conversion coating.

Y1 Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
5"(127)	8.5"(216)	3.25"(83)	11.88"(302)	3"(76)
6"(152)	10.5"(267)	3.38"(85)	14"(356)	5"(127)





Round Aluminum(Non-Tapered) Poles

Pole Cat. No.			A.B. Size	Allowable Pole EPA - Refer to wind map on p. 75							
				85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
HAS10-4188	10'	4" x .188	¾" x 15 + 3	16.55	14.56	13.26	10.64	8.65	7.17	6.10	5.25
HAS12-4188	12'	4" x .188	¾" x 15 + 3	13.12	11.46	10.38	8.19	6.53	5.33	4.50	3.84
HAS14-4188	14'	4" x .188	¾" x 15 + 3	10.56	9.14	8.21	6.34	4.92	3.91	3.26	2.74
HAS16-4188	16'	4" x .188	¾" x 15 + 3	8.56	7.31	6.50	4.86	3.62	2.76	2.25	1.85
HAS10-5188	10'	5" x .188	¾" x 15 + 3	27.26	24.07	21.97	18.01	15.02	12.71	10.88	9.42
HAS12-5188	12'	5" x .188	¾" x 15 + 3	21.18	19.22	17.47	14.26	11.85	9.99	8.52	7.35
HAS14-5188	14'	5" x .188	¾" x 15 + 3	17.90	15.62	14.12	11.46	9.48	7.95	6.75	5.79
HAS16-5188	16'	5" x .188	¾" x 30 + 4	14.80	12.81	11.50	9.26	7.61	6.34	5.34	4.55
HAS20-5188	19.5'	5" x .188	¾" x 30 + 4	9.83	8.29	7.28	5.73	4.60	3.75	3.09	2.56
HAS10-6188	10'	6" x .188	¾" x 30 + 4	40.66	36.17	33.42	27.49	23.00	19.51	16.75	14.53
HAS12-6188	12'	6" x .188	¾" x 30 + 4	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
HAS14-6188	14'	6" x .188	¾" x 30 + 4	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
HAS16-6188	16'	6" x .188	¾" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
HAS20-6188	19.5'	6" x .188	¾" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
HAS25-6188	25'	6" x .188	¾" x 30 + 4	9.74	8.46	8.07	6.38	5.12	4.17	3.43	2.85
HAS25-6250	25'	6" x .250	¾" x 30 + 4	16.92	14.86	13.96	11.25	9.22	7.66	6.44	5.47
HAS30-6188	30'	6" x .188	¾" x 30 + 4	5.61	4.74	4.69	3.54	2.71	2.08	1.60	1.23
HAS30-6250	30'	6" x .250	¾" x 30 + 4	11.37	9.88	9.42	7.45	5.99	4.88	4.02	3.34
HAS30-6400	30'	6" x .400	¾" x 30 + 4	20.33	17.87	16.78	13.53	11.10	9.23	7.77	6.61

¹Pole reinforced, to 40' above base, to .400", remaining section is .250"

- 2
- Plan View

Cat. No.

Mounting Orientations
- FM:

Luminaire is flush mounted directly to top of pole
- A/SA:

Pole is drilled to mount a single luminaire directly to the side of pole
- B/SB:

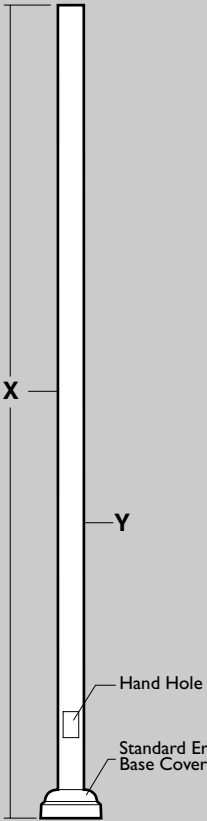
Pole is drilled to mount two luminaires directly to the side of pole, 180 degrees apart
- L/SL:

Pole is drilled to mount two luminaires directly to the side of pole, 90 degrees apart
- T/ST:

Pole is drilled to mount three luminaires directly to the side of pole, 90 degrees apart
- Y/SY:

Pole is drilled to mount three luminaires directly to the side of pole, 120 degrees apart
- C/SC:

Pole is drilled to mount four luminaires directly to the side of pole, 90 degrees apart



3 **Finish**
Super TGIC powder coat paint over titanated zirconium conversion coating

Color:	Black	Dark Bronze	Light Gray	Stealth Gray	Platinum Silver	White	Custom Colors
Cat No.:	BL	DB	LG	SG	PS	WH	CC - Consult representative for custom colors.

4 **Options**



Duplex Receptacle
Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket.
DR Duplex Receptacle rated 20A., 125V.
DR-GFI Duplex Receptacle with Ground Fault Circuit Interrupter rated 20A., 125V.

Specifications

Pole Construction: Seamless round extruded aluminum tube of alloy 6063-T6, welded to top and bottom of aluminum base casting of alloy 356.
Base Cover: Two-piece, cast aluminum full cover, secured by stainless set screws. The standard base cover is the Era Base Cover. Two optional base cover styles available.

- 1) HBC1 - Decorative smooth sided cast aluminum base cover.
- 2) HBC2 - Traditional fluted side cast aluminum base cover.

Pole Cap: Flat cast aluminum provided for all side-mounted luminaires. Optional traditional style finial available.

- 1) HF1 - Dome style cast aluminum cap.
- 2) HF2 - Traditional style cast aluminum finial.

Handhole: 18" above the base cover, with a gasketed cover and ground lug.

Anchor Bolts: Four galvanized anchor bolts provided complete with eight nuts, eight flat washers, and a presswood template.

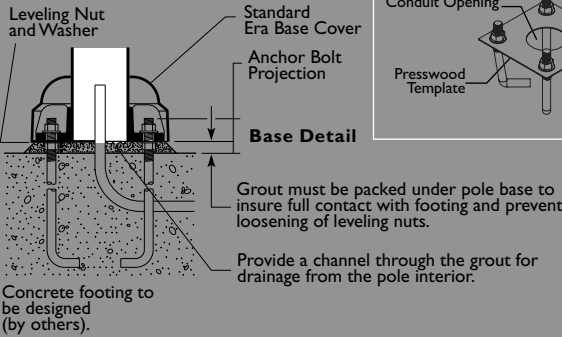
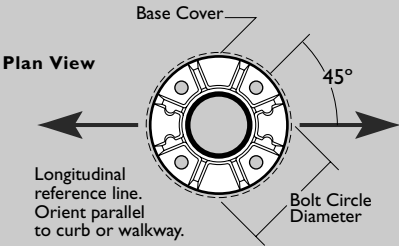
Vibration Damper: All poles 25' and above include an internally mounted, factory installed pendulum vibration dampener, with flush stainless steel socket head fasteners finished to match pole.

Strength: Poles designed to withstand wind loads as listed in chart when luminaires are mounted per fixture installation instructions. Refer to specific Era® Collection mounting arm for specific luminaire and arm EPA.

Finish: Super TGIC thermoset polyester powder coat paint applied over a Titanated Zirconium conversion coating.

Anchor Base and Bolt Detail (mm)

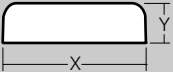
Pole Diameter	Bolt Circle Diameter	Anchor Bolt Projection	Bolt Cover Size	Conduit Opening
4"(102)	7-8.5"(178-216)	3.25"(83)	11.88"(302)	3"(76)
5"(127)	8.5"(216)	3.25"(83)	11.88"(302)	3"(76)
6"(152)	10.5"(267)	3.38"(85)	14"(356)	5"(127)



Pole Base and Finial Selections

Standard Round Base Cover

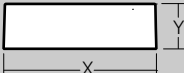
Poles 39" and shorter include a two piece cast aluminum full base cover of 319 alloy, secured with stainless steel screws. Poles above 39" include a fabricated steel base cover, secured with stainless steel screws.



Pole Diameter	X	Y
3 3/8" Round	10.125"	3.313"
4" Round	11.76"	3.255"
5" Round	11.760"	3.255"
6" Round	13.875"	3.688"

Standard Square Base Cover

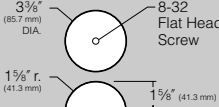
Poles 39" and shorter include a two piece cast aluminum full base cover of 319 alloy, secured with stainless steel screws. Poles above 39" include a fabricated steel base cover, secured with stainless steel screws.



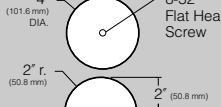
Pole Diameter	X	Y
4" Square Alum.	10.5"	3.188"
5" Square Alum.	11.5"	3.313"
6" Square Alum.	12.5"	3.688"
6 5/8" Square Alum.	14.5"	4.563"
4" Square Steel	8.688"	4"
5" Square Steel	12.688"	4.375"
5 1/4" Square Steel	11.25"	3.75"
6 1/4" Square Steel	12.563"	4.25"
7 13/16" Square Steel	13.313"	4.25"
7 1/8" Square Steel	13.313"	4.25"

Dome Pole Top Caps (HF1)

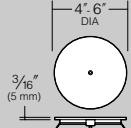
Dome Pole Top Caps are optional accent elements that soften the pole top and complement the heritage look when the standard Flat Pole Cap is too plain. Each Dome Pole Top Cap is cast aluminum and finished to match the pole, Available for 3.4" and 4" dia. poles.



Pole O.D. 3.4"



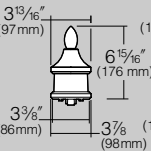
Pole O.D. 4"



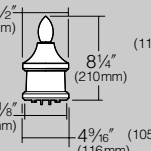
Standard Flat Pole Cap
4", 5", 6" O.D. poles

Traditional Pole Top Finial (HF2)

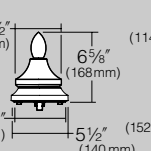
Traditional Pole Top Finials are the accent elements that complete the heritage look. Each finial is cast aluminum, and available for 3.4", 4", 5" and 6" diameter pole tops. Design coordinated arm finials are also available on each arm specification page.



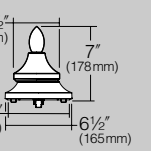
Pole O.D. 3.4"



Pole O.D. 4"



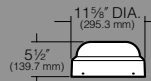
Pole O.D. 5"



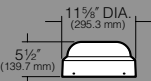
Pole O.D. 6"

Standard Heritage Base Cover

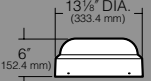
The Heritage Base Cover is designed to impart a minimal, yet basic heritage look to any pole. It is a heavy and durable cast aluminum component, configured in two halves for easy attachment after the pole is raised and set onto the anchor bolts.



Pole O.D. 4"



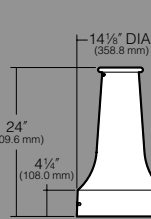
Pole O.D. 5"



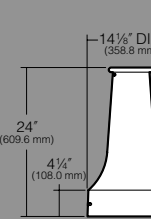
Pole O.D. 6"

Decorative Base Cover (HBC1)

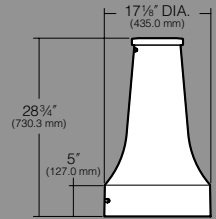
The Decorative Base Cover provides a stronger heritage look than the Era Cover, accomplishing this with a basic smooth-sided design. Constructed of heavy and durable cast aluminum, the base is supplied in two halves for easy attachment after the pole is raised and set onto the anchor bolts.



Pole O.D. 4"



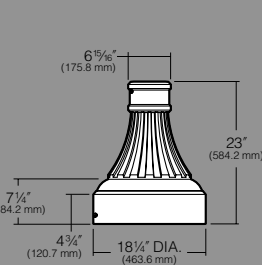
Pole O.D. 5"



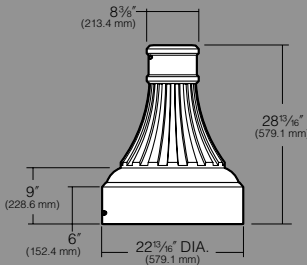
Pole O.D. 6"

Traditional Base Cover (HBC2)

The Traditional Base Cover provides the strongest heritage look, and is particularly well suited for stepped poles. It is constructed of heavy and durable cast aluminum, supplied in two halves for easy attachment after the pole is raised and set onto the anchor bolts.



Pole O.D. 5"

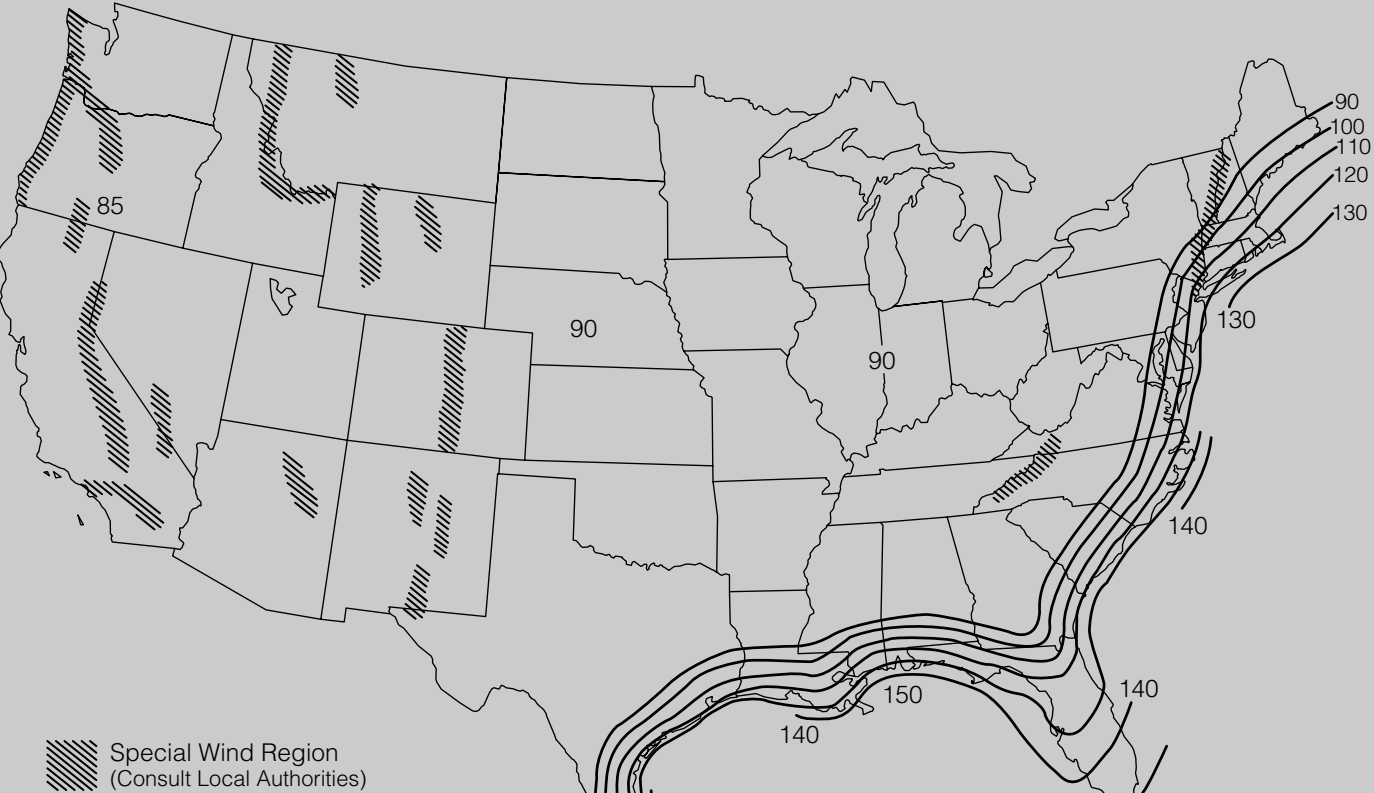


Pole O.D. 6"

United States Wind Map

EPA Information

All allowable pole and fixture EPAs (Fixture Area x Drag Factor) are derived from the AASHTO standard (American Association of State Highway and Transportation Officials). Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location.



Notes:

- Values are based on 50 year mean recurrence interval.
- Hawaii has an **105 mph** wind velocity.
- Puerto Rico has a **125 mph** wind velocity.
- Caution must be exercised in determining wind velocities in special wind areas such as:
 - Mountainous Regions
 - Areas surrounding the Great Lakes or other large bodies of water or open land.
 - Areas subject to extreme wind conditions, such as hurricanes, typhoons, cyclones, and tornadoes.
 - Areas adjacent to airports.
 - Any specific area with a known or suspected abnormally high intermittent wind condition caused by geography, adjacent structures, or other specific local conditions that may not be recorded in National Weather Service records.

Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture EPA. Responsibility lies with the specifier for correct pole selection based on AASHTO wind map and job location.

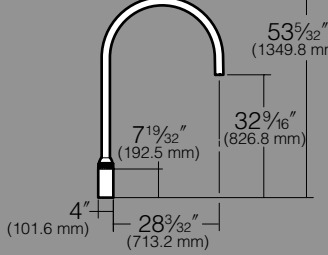
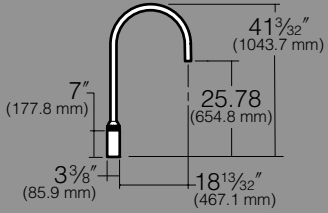
The Wind Map is intended only as a general guide. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application.

Caution:

- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider coefficient of height factors beyond this general guide.
- Extreme Wind Events: Hurricanes, Typhoons, Cyclones, or Tornadoes expose poles to flying debris, wind shear, and other unpredictable aerodynamic forces not indicated by the wind velocity ratings.
- Pole Strength Limited Warranty: Standard, unmodified Kim lighting Poles installed as recommended, undamaged by corrosion, or lack of maintenance, shall withstand steady wind conditions as provided on each poles Allowable Pole EPA chart. Installation of poles without luminaires, or attachment of any unauthorized accessories to poles shall void this warranty.

Tenon Mount Options (Poles by Others)

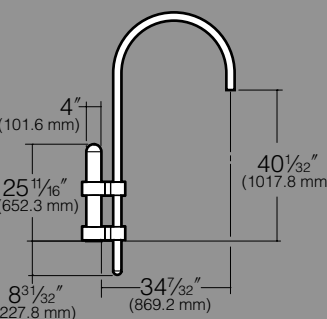
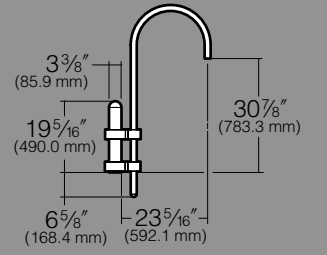
HA01 – Post Top Crook



Post Top Crook - Small	
1A	HA01S-TM1

Post Top Crook - Large	
1A	HA01L-TM1

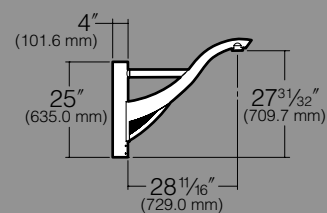
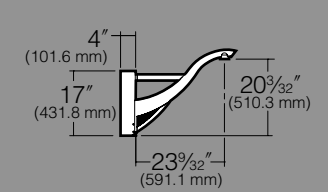
HA02 – Side Pole Crook



Side Pole Crook - Small	
1A	HA02S-TM1
2B	HA02S-TM2
3Y	HA02S-TM3
4C	HA02S-TM4

Side Pole Crook - Large	
1A	HA02L-TM1
2B	HA02L-TM2
3Y	HA02L-TM3
4C	HA02L-TM4

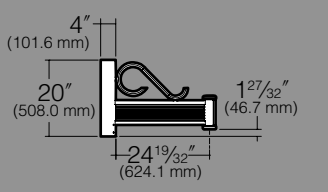
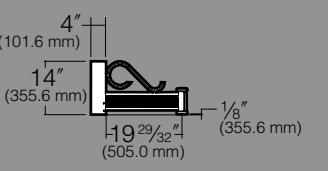
HA14 – Side Pole Neo-Classic



Side Pole Neo-Classic - Small	
1A	HA14S-TM1
2B	HA14S-TM2
3Y	HA14S-TM3
4C	HA14S-TM4

Side Pole Neo-Classic - Large	
1A	HA14L-TM1
2B	HA14L-TM2
3Y	HA14L-TM3
4C	HA14L-TM4

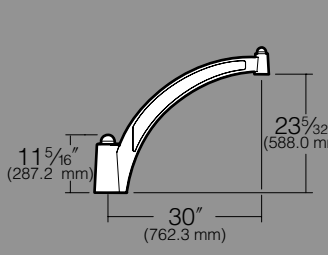
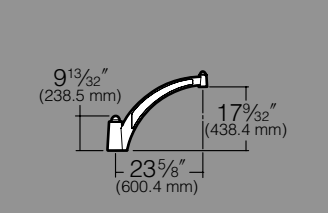
HA31 – Side Pole Ribbon with Top Scroll



Side Pole Ribbon with Top Scroll - Small	
1A	HA31S-TM1
2B	HA31S-TM2
3Y	HA31S-TM3
4C	HA31S-TM4

Side Pole Ribbon with Top Scroll - Large	
1A	HA31L-TM1
2B	HA31L-TM2
3Y	HA31L-TM3
4C	HA31L-TM4

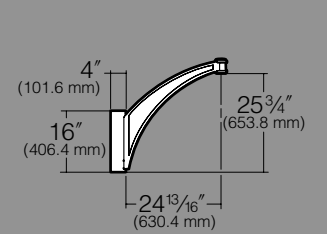
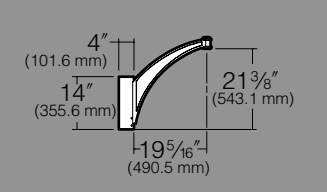
HA03 – Post Top Swept



Post Top Swept - Small	
1A	HA03S-TM1
2B	HA03S-TM2
3Y	HA03S-TM3
4C	HA03S-TM4

Post Top Swept - Large	
1A	HA03L-TM1
2B	HA03L-TM2
3Y	HA03L-TM3
4C	HA03L-TM4

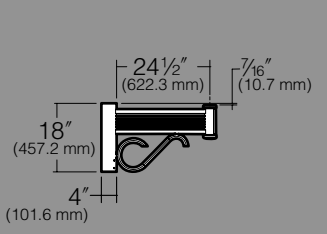
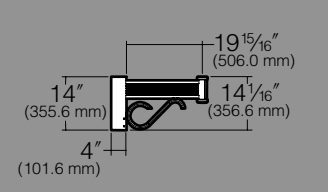
HA11 – Side Pole Swept



Side Pole Swept - Small	
1A	HA11S-TM1
2B	HA11S-TM2
3Y	HA11S-TM3
4C	HA11S-TM4

Side Pole Swept - Large	
1A	HA11L-TM1
2B	HA11L-TM2
3Y	HA11L-TM3
4C	HA11L-TM4

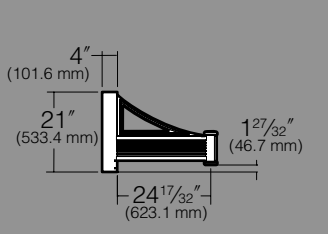
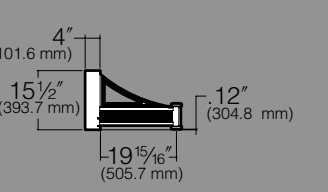
HA32 – Side Pole Ribbon with Bottom Scroll



Side Pole Ribbon with Bottom Scroll - Small	
1A	HA32S-TM1
2B	HA32S-TM2
3Y	HA32S-TM3
4C	HA32S-TM4

Side Pole Ribbon with Bottom Scroll - Large	
1A	HA32L-TM1
2B	HA32L-TM2
3Y	HA32L-TM3
4C	HA32L-TM4

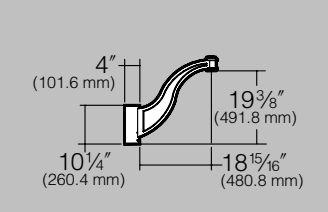
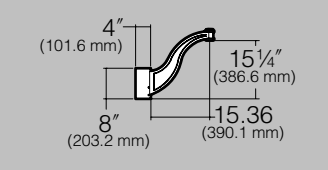
HA33 – Side Pole Ribbon with Top Gusset



Side Pole Ribbon with Top Gusset - Small	
1A	HA33S-TM1
2B	HA33S-TM2
3Y	HA33S-TM3
4C	HA33S-TM4

Side Pole Ribbon with top Gusset - Large	
1A	HA33L-TM1
2B	HA33L-TM2
3Y	HA33L-TM3
4C	HA33L-TM4

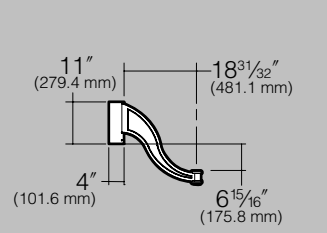
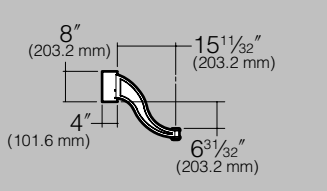
HA12 – Side Pole S-Shaped Up



Side Pole Crook - Small	
1A	HA12S-TM1
2B	HA12S-TM2
3Y	HA12S-TM3
4C	HA12S-TM4

Side Pole S-Shaped Up - Large	
1A	HA12L-TM1
2B	HA12L-TM2
3Y	HA12L-TM3
4C	HA12L-TM4

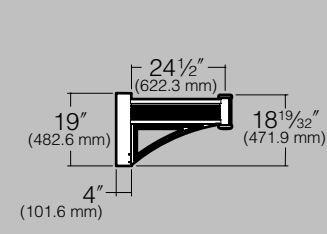
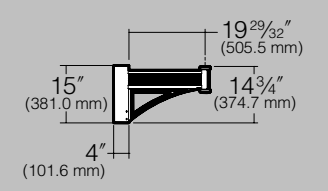
HA13 – Side Pole S-Shaped Down



Side Pole S-Shaped Down - Small	
1A	HA13S-TM1
2B	HA13S-TM2
3Y	HA13S-TM3
4C	HA13S-TM4

Side Pole S-Shaped Down - Large	
1A	HA13L-TM1
2B	HA13L-TM2
3Y	HA13L-TM3
4C	HA13L-TM4

HA34 – Side Pole Ribbon with Bottom Gusset



Side Pole Ribbon with Bottom Gusset - Small	
1A	HA34S-TM1
2B	HA34S-TM2
3Y	HA34S-TM3
4C	HA34S-TM4

Side Pole Ribbon with Bottom Gusset - Large	
1A	HA34L-TM1
2B	HA34L-TM2
3Y	HA34L-TM3
4C	HA34L-TM4

NOTE: HA35, HA36, HA37, and HA38, consult factory.

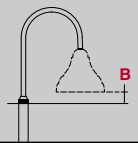
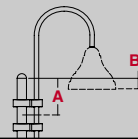
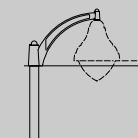
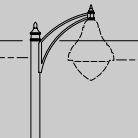
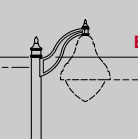
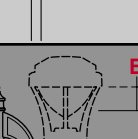
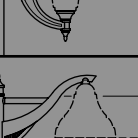
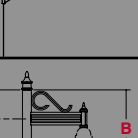
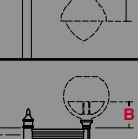
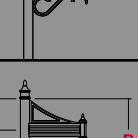
All small arm assemblies require a steel 2" pipe tenon (2 3/8" O.D.) x 4" long.

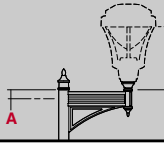
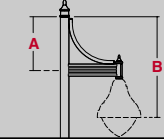
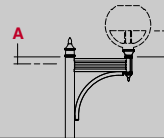
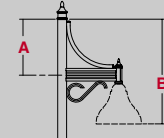
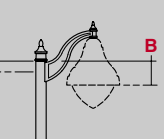
All large arm assemblies require a steel 2 1/2" pipe tenon (2 7/8" O.D.) x 4" long.

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KIM LIGHTING 77

Heritage Optical Centerline Matrix

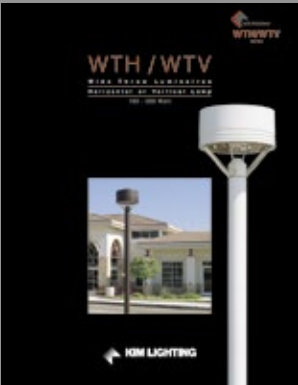
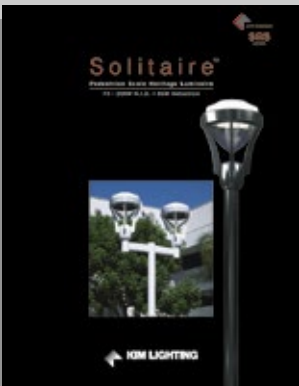
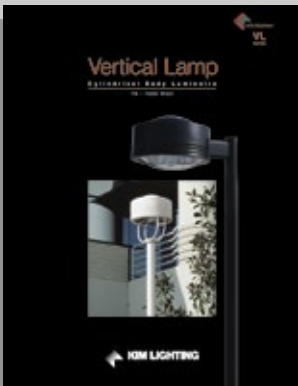
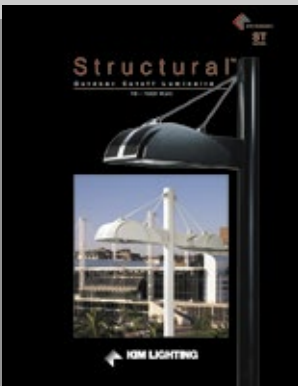
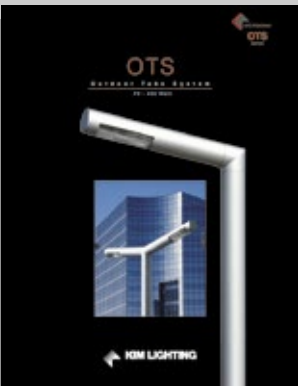
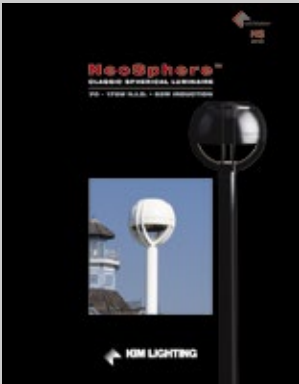
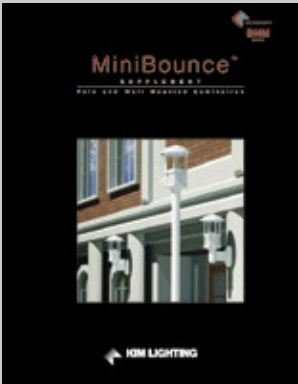
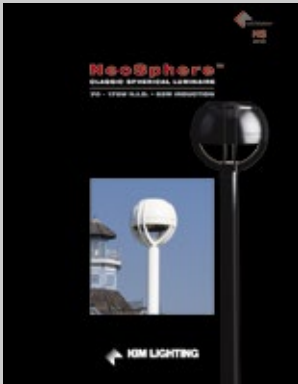
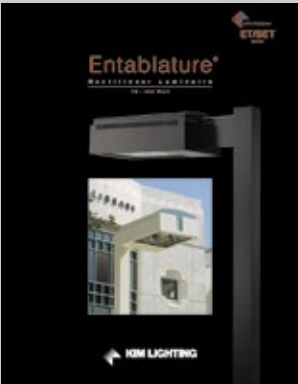
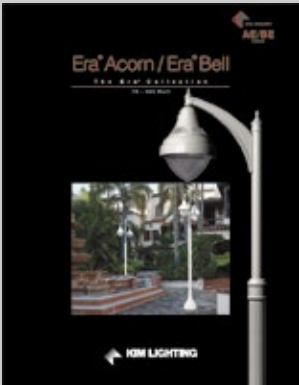
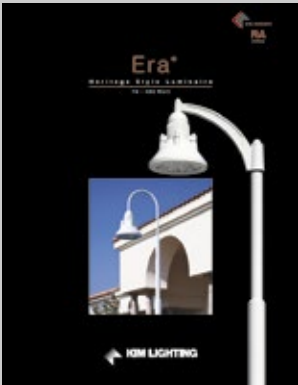
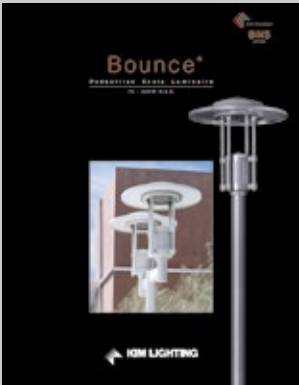
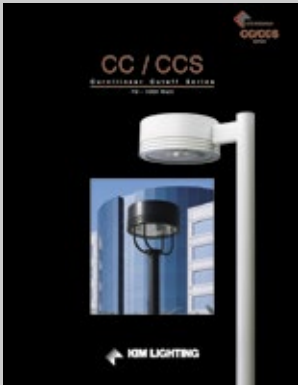
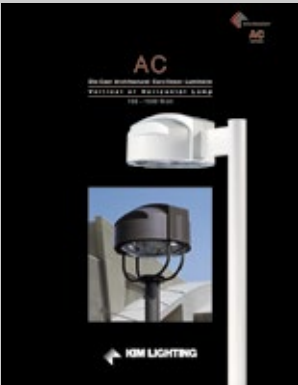
Arm	Arm Size	(A) Arm Bolt Pattern C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole
 HA01			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	n/a	17"	+4.0"	17"	+4.0"	17"	+2.75"	n/a
	Large	n/a	21"	+6.13"	21"	+6.13"	25"	+3.25"	n/a
 HA02			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	13.38"	17"	-4.0"	17"	-4.0"	17"	-5.25"	n/a
	Large	15.75"	21"	-2.88"	21"	-2.88"	25"	-5.75"	n/a
 HA03			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	n/a	17"	+2.0"	17"	+2.0"	17"	+1.75"	n/a
	Large	n/a	21"	+3.88"	21"	+3.88"	25"	+1.0"	n/a
 HA11			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	3.0"	17"	-7.38"	17"	-7.38"	17"	-8.5"	+31.5"
	Large	4.0"	21"	-8.88"	21"	-8.88"	25"	-11.75"	n/a
 HA12			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	3.0"	17"	-7.88"	17"	-7.88"	17"	-9.00"	+40.0"
	Large	3.88"	21"	-10.0"	21"	-10.0"	25"	-12.88"	n/a
 HA13			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	4.25"	17"	-32.88"	17"	-32.88"	17"	-34.0"	+5.88"
	Large	5.13"	21"	n/a	21"	n/a	25"	n/a	n/a
 HA14			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	9.75"	17"	-11.88"	17"	-11.88"	17"	-13.0"	n/a
	Large	12.38"	21"	-15.0"	21"	-15.0"	25"	-17.88"	n/a
 HA31			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	11.0"	17"	-29.63"	17"	-29.63"	17"	-30.88"	n/a
	Large	13.75"	21"	-37.5"	21"	-37.5"	25"	-40.0"	n/a
 HA32			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	3.0"	17"	n/a	17"	n/a	17"	n/a	+21.0"
	Large	3.88"	21"	n/a	21"	n/a	25"	n/a	n/a
 HA33			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	11.5"	17"	-34.13"	17"	-34.13"	17"	-35.38"	n/a
	Large	14.5"	21"	-38.0"	21"	-38.0"	25"	-41.0"	n/a

Arm	Arm Size	(A) Arm Bolt Pattern C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole	Fixture Size (B) Optical C/L from top of pole
 HA34			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	3.0"	17"	n/a	17"	n/a	17"	n/a	+21.0"
	Large	n/a	21"	n/a	21"	n/a	25"	n/a	n/a
 HA35			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	21.0"	17"	-39.75"	17"	-39.75"	17"	-41.0"	n/a
	Large	26.0"	21"	-49.63"	21"	-49.63"	25"	-52.5"	n/a
 HA36			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	3.0"	17"	n/a	17"	n/a	17"	n/a	+21.0"
	Large	n/a	21"	n/a	21"	n/a	25"	n/a	n/a
 HA37			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	21.0"	17"	-29.63"	17"	-29.63"	17"	-41.0"	n/a
	Large	13.75"	21"	-37.5"	21"	-37.5"	25"	-52.5"	n/a
 HA38			Era® Acorn	Era® Bell	ERA®	Solitaire™	NeoSphere®		
	Small	21.0"	17"	-39.75"	17"	-39.75"	17"	-41.0"	n/a
	Large	26.0"	21"	-49.63"	21"	-49.63"	25"	-52.5"	n/a

Contact factory for Contemporary luminaire and Era Lantern centerline matrix information.

Contemporary Luminaire Catalogs

Heritage Luminaire Catalogs



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