THE GROUP

The StressCrete Group has manufacturing facilities in four North American locations, producing high quality decorative outdoor lighting fixtures, decorative concrete, and metal poles. We also produce a vast range of spun concrete utility, transmission, sports-lighting and specialty poles for the electrical, communications and utility industries.

StressCrete Ltd., located in Burlington, Ontario, is the founding organization of our Group, proudly established in 1953. We are the oldest, most experienced manufacturer of spun concrete poles in North America. With the establishment of StressCrete Inc. in Northport, Alabama in 1992, combined with the expansion into Atchison, Kansas in 2003, we now offer the broadest, most diverse range of spun concrete poles in the industry.

King Luminaire, with plants in Jefferson, Ohio and Burlington, Ontario, produces a comprehensive line of high performance outdoor luminaires. When combined with StressCrete’s decorative concrete poles and its own offering of iron, steel, and aluminum poles, and site amenities, our diverse product offering has escalated King Luminaire to a North American leader in the outdoor lighting industry.

StressCreteGroup.com
IN-HOUSE
POWDER COATING

King Luminaire has made significant investment in our Powder Coating Facility to enhance the quality of our products. Powder coating is a blend of non-volatile ingredients, applied dry and fused into a continuous film by heat. Our KingCoat™ Powder Coat offers excellent film appearance in various finishes and color options, as well as superior outdoor exposure qualities and outstanding corrosion and barrier protection.

<table>
<thead>
<tr>
<th>STANDARD KINGCOAT™ COLORS*</th>
<th>PREMIUM KINGCOAT™ COLORS*</th>
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</thead>
<tbody>
<tr>
<td>STROBE WHITE</td>
<td>OFF WHITE</td>
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<tr>
<td>BROWN METAL</td>
<td>BEIGE SAND</td>
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<tr>
<td>MARINA BLUE</td>
<td>AQUA</td>
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<td>GATE GRAY</td>
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<tr>
<td>CHICAGO BRONZE</td>
<td>ROSEWOOD</td>
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<tr>
<td>STANDARD GOLD</td>
<td>SEASON GREEN</td>
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<td>WALNUT BROWN</td>
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<td>FOREST GREEN</td>
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<tr>
<td></td>
<td>SILVERBRITE</td>
</tr>
</tbody>
</table>

* Custom color matching available upon request

Visit StressCreteGroup.com for specification information.
**LED OPTICAL SYSTEMS**

**UTILIZING ADVANCED LED TECHNOLOGY**

King LED lighting offers exceptional light quality, long usable life, energy efficiency, durability, and compatibility with controls, all of which can help cut down on energy consumption and reduce maintenance costs. The B3 LED Engine utilizes highly reflective metalized baffles to achieve precision uplight, backlight and glare control. Our R1 LED Engine applies precision refractive baffles to achieve an aesthetically pleasing ambient glow with incredible spacing and uniformity. The T1 LED Engine simulates a pointed light source using highly efficient multipoint “Chip On Bord” (COB) LED emitters, reflectors and precision external optics. Our P4 LED Engine utilizes a refractor optic to provide low glare and excellent chromaticity. With these advanced King LED technologies, our stunning luminaire fixtures, and impeccable Gold Standards in customer service, King Luminaire is Lighting the Way®!

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**HID OPTICAL SYSTEMS**

King HID lighting provides high performance, optimal fixture spacing, exceptional lighting uniformity, and desired light distribution patterns via various optical systems. Internal and External Refractors utilize prisms to redirect light into the desired light pattern. The VL1 – Louvered, VL2 – Segmented and VL3 – Hydroformed Reflectors utilize reflection to redirect light. Our Refractor/Reflector Combination system utilizes both refraction and reflection to achieve excellent lighting efficiency. With so many unique optical systems coupled with the endless choices in luminaire fixtures and our attention to design, detail and customer service, choosing to partner with King Luminaire is truly illuminating!

---

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
**POST TOP LUMINAIRE FAMILIES**

**K100 SERIES**
Updated to modern performance standards, these acorn luminaires are aesthetically pleasing, yet extremely efficient.

**K130 SERIES**
The K130 Series of post top luminaires is composed of diverse designs ranging from sleek and modern to more ornate and historical.

**K300 SERIES**
Possibly our most unique series aesthetically, the K300 Series offers more contemporary style designs, with superior photometric performance.

**K400 SERIES**
The K400 Series has it all! From our new K428 Phoenix and K429 Orion modern styles, to the classic look of the K445 Sol-Lux™, these luminaires will add style and grace to your project.

**K500 SERIES**
Along with the sleek look of the K551 Eclipse, the K580 Skyline Series is about going beyond the everyday and offering a contemporary lighting solution that will accentuate the outdoor modern space.

**K600 SERIES**
Though historical in appearance, the K600 Series offers high performance optical systems with excellent spacing and low glare.

**OCTAGONAL SERIES**
The classic yet versatile look of our octagonal post top luminaires makes them a popular selection among lighting designers.

**ROUND GLOBE SERIES**
This classic round globe is suitable for any architectural setting, whether historical or contemporary.

Visit StressCreteGroup.com for specification information.
The K107 Marion and K109 Cambridge acorn style luminaires offer a classical appearance coupled with high performance and minimal maintenance characteristics. They are available with an acrylic or polycarbonate globe and features King Luminaire’s famous tool-less entry for ease of maintenance.

K107 DECORATIVE OPTIONS

37 3/8”

Standard

Solid Spun Aluminum Top

K109 DECORATIVE OPTIONS

35 7/8”

Standard

Solid Spun Aluminum Top

Visit StressCreteGroup.com for specification information.
K118 WASHINGTON

Of the many acorn globes that found their way onto the city streets of North America in the early 20th century, the shape of the K118 Washington was perhaps the most widely used. Because of its pleasant, well balanced shape, the K118 Washington has come back into favor as an ornamental luminaire.

K118 DECORATIVE OPTIONS

Finials - F#1, F#2, F#3
Many decorative finials are available to modify the look of the traditional K118 Washington globe. The F#1 finial is standard, but to view other finial options please go to page 47.

GR - GE Decorative Ring
An optional accessory that adds to the historical look of the traditional K118 Washington globe – available in all KingCoat™ colors.

CR - Contempra Ring
An optional accessory that gives a clean decorative look to the traditional K118 Washington globe – available in all KingCoat™ colors.

SST - Solid Spun Aluminum Top
A decorative option that, on its own or when combined with one of the decorative rings, adds to the traditional K118 Washington globe ambiance – available in all KingCoat™ colors.

POST TOP FEATURES

GH: Globe Holder
An innovative maintenance option that allows for easy servicing by enabling the globe to hang off the capital, allowing two-hand access for maintenance.
Not available with Glass Globes.

R: Rotolock™ Globe Mounting
Ensures a precise bug/water seal of globe to capital as well as allowing easy twist turn access.
Not available with Glass Globes.

Visit StressCreteGroup.com for specification information.
**K124 PARAGON**

With a selection of decorative rings and struts and a solid spun top option, the K124 Paragon is perhaps our most decorative luminaire. It offers the beauty of a period appearance with the practicality of the superior lighting performance needed to meet today’s demanding lighting standards.

**K124 DECORATIVE OPTIONS**

**Finials - F#1, F#2, F#3**

Many decorative finials are available to modify the look of the K124 Paragon globe. The F#2 is standard, but to view other finial options please go to page 47.

**GR - GE Decorative Ring**

An optional accessory that gives a clean but elegant look to the K124 Paragon luminaire. It is one of many decorative filigrees available.

**GRS - Decorative Ring and Struts**

An optional accessory based on an accurate historical reproduction of the original General Electric Lighting Company design.

**WRS - Westinghouse Decorative Ring & Strut**

An optional accessory based on the original Westinghouse design. This accurate reproduction of a historical design graces the streets of numerous cities and towns.

**SST - Solid Spun Aluminum Top**

Although mandatory with the V2, it is a decorative option on all the other optical systems. When combined with one of the other decorative filigrees, it adds to the traditional ambience of the K124 Paragon luminaire.

**SRS - Special Decorative Ring & Strut**

A special custom decorative filigree is available as an option. Many towns and cities choose to use their own distinctive logos, making the K124 Paragon a truly unique luminaire. (State of Louisiana crest depicted above)
K199 CALIFORNIA

The K199 California luminaire was one of the original acorn styles that graced the streets of North American towns and cities, particularly in Southern California where it rapidly became a standard. Although never losing its original shape, today’s K199 California luminaire incorporates high performance optical systems.

K199 DECORATIVE OPTIONS

GR - GE Decorative Ring
An optional accessory that adds to the decorative look of the traditional K199 California globe – available in all KingCoat™ colors.

BRS - Bell Ring and Struts
This decorative option adds an appealing decorative flare to the K199 California luminaire.

SST - Solid Spun Aluminum Top
A decorative option that adds to the traditional look of the K199 California globe – available in all KingCoat™ colors.

Visit StressCreteGroup.com for specification information.
K134 YORK
A solid looking fixture, the K134 York offers a contemporary look with a hint of tradition, making it ideal in either a contemporary or historical architectural setting.

K135 FORT ERIE
The distinctive styling of the K135 Fort Erie, with its unique two-strut style, is the hallmark of this highly appealing luminaire design. It enhances the atmosphere of any setting, appearing as an intricate part of the architecture.

K136 REGENCY
The classic style and elegance of the K136 Regency, with its graceful floral struts and crowning tulip finial, complements any architectural environment.

Visit StressCreteGroup.com for specification information.
**K137 YARMOUTH**

With its simple, yet classic design, the K137 Yarmouth is an excellent fit in architectural locations that are both contemporary, historical, or somewhere in between.

**K139 WELLINGTON**

A simple yet elegant design, the K139 Wellington has the sleekest look of all the K130 Series luminaires. Lacking the decorative struts of its siblings, the simple geometric form of the K139 Wellington adds a crowning touch to any project.

**K139 DECORATIVE OPTIONS**

[Diagram showing decorative options]

- **Standard**: 40 1/16"
- **GE Globe Ring**: 40 1/16"

**SL STARLIGHT DOME OPTION**

Only available with External Refractor

Replacement of the solid aluminum shroud with opaque acrylic allows the dome to “glow” when the unit is operating, adding greatly to the ambience and atmosphere of any setting.

LED OPTICAL SYSTEMS

- **33**
- **RT**
- **24**

HID OPTICAL SYSTEMS

- **INT**
- **EXT**
- **VL2**

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
The K308 Moderne and K309 Satellite are post top versions of two of King Luminaire’s most successful pendant luminaires – the K828 and K829. Offered in LED and two of our state of the art HID optical systems, lighting designers can meet the most exacting performance characteristics.

LED OPTICAL SYSTEMS | HID OPTICAL SYSTEMS

LED | HID
P4 | EXT
VL3

K308 MODERNE
K309 SATELLITE

Visit StressCreteGroup.com for specification information.
The K329 Rainier fixture offers an innovative take on the traditional acorn fixture. Adding contemporary touches to the graceful shape of the K124 Paragon, the K329 Rainier brings the designs of the past into the 21st century. With our Rotolock™ fastening system and selection of capitals and finials, the possibilities are endless.

LED OPTICAL SYSTEMS
- R3  R1

HID OPTICAL SYSTEMS
- NT  VL1  VL2
With tool-less access for ease of maintenance, the K330 Versailles fixture maintains the look of early luminaires that were installed in many locations throughout North America. It utilizes an LED optical system or choice of two aluminum reflector HID systems that provide superior Dark Sky Friendly™ performance.

LED OPTICAL SYSTEMS | HID OPTICAL SYSTEMS
---|---
P4 | VL2 VL3

Visit StressCreteGroup.com for specification information.
**K366 HARBOR SIDE**

Designed to add style and function to marinas, pathways, and waterfronts, the K366 Harbor Side luminaire offers the dual advantage of aesthetically pleasing looks, with a high quality, well-engineered luminaire. This fixture features a quick release twist and release ballast assembly for ease of maintenance.

**K367 BAYSHORE™**

Similar in appearance to the K366 Harbor Side, the K367 Bayshore™ luminaire is designed to add style and function to marinas, pathways, and waterfronts. This fixture features a quick release twist and release ballast assembly for ease of maintenance.

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
The K424 Traditional Acorn, K425 Classic Acorn and K442 Glass Acorn luminaires offer efficient external optical performance along with careful engineering and incredibly easy maintenance characteristics, without compromising the historical authenticity of the product’s appearance.
**K428 PHOENIX**

This unique lantern style fixture has a flip top hinged lid, providing easy access to the lamp. Composed of rugged cast aluminum, the K428 Phoenix has a streamlined appearance and modern appeal, making it an ideal fixture for a variety of applications.

**K429 ORION**

With a rugged cast aluminum housing and unique design, the streamlined appearance of the K429 Orion adds to its modern appeal, making it an ideal fixture for a variety of applications. From parking lots to waterfronts, this is an impressive looking fixture that is sure to please.

Visit StressCreteGroup.com for specification information.
The K445 Sol-Lux™ luminaire was one of the many classical acorn shapes used extensively in the street lighting revolution of the early 1900’s. Now upgraded both mechanically and photometrically to modern standards, the K445 Sol-Lux™ offers a traditional appearance together with high performance and minimal maintenance characteristics.

LED OPTICAL SYSTEMS | HID OPTICAL SYSTEMS

K445 DECORATIVE OPTIONS

37 7/8”

Savannah Ring & Struts

Solid Spun Aluminum Top

Visit StressCreteGroup.com for specification information.
With its streamlined modern shape, the K551 Eclipse post top luminaire is well suited for one of our concrete or aluminum Agility Series poles. Made of heavy duty aluminum casting with a vented finial, it features our famous Rotolock™ fastening system.
The K580 Skyline Series, a completely modular system, is about going beyond the everyday and offering a lighting solution that will accentuate the outdoor modern space. Classic sleek lines, beautiful modern spinnings, quality castings, a high performance LED optical system and energy efficiency have come together to deliver a contemporary lighting solution.

**K581 COBRA STRUT**

The smallest of the Skyline Series, the compact K581 Cobra Strut is sure to impress with its sleek convex design. Shown with the contour spinning option, it is a great choice for parking lots and pathways.

**K582 PILLAR STRUT**

The straight clean lines of the K582 Pillar Strut are what make it stand out. When teamed with the pyramid spinning or any other spinning, it provides a contemporary, low maintenance alternative to a traditional four sided lantern.

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
K583 CURVE STRUT

The K583 Curve Strut has incredible “curve” appeal, especially when combined with the attractive dome shaped harbor spinning. Ideal for streetscapes or commercial areas, it is sure to add character to any application.

K584 TREBLE STRUT

The tallest luminaire in the Skyline Series, the K584 Treble Strut will sit gracefully on top of any of King Luminaire’s metal poles or StressCrete’s spun concrete poles. It is shown with the trump spinning, but like all fixtures in the series, can be combined with any of the four spinnings for a look that is truly unique.
K600 SERIES

With unique styles, the K600 Series offers a historical lantern for every taste. Though historical in appearance, they offer a series of high performance HID and LED optical systems with excellent spacing and low glare.

LED OPTICAL SYSTEMS | HID OPTICAL SYSTEMS
--- | ---
P4 | VL2, VL3

K601D COACH LANTERN
Available with P4 only.

K611 BALMORAL

PENDANT
ALSO AVAILABLE

PENDANT
ALSO AVAILABLE

K600 FINIAL OPTIONS

Visit StressCreteGroup.com for specification information.
KG CAPRICORN GLOBE

With its roots strongly planted in the yesteryear, the classic round globe is suitable for any architectural setting, whether historical or contemporary. Today it is utilized in a variety of settings, from lighting roads to pathways, parks and building exteriors. Available in sizes 14” to 24” diameter.

LED OPTICAL SYSTEMS | HID OPTICAL SYSTEMS

<table>
<thead>
<tr>
<th>KG20 Luminaire C/W K12 Capital</th>
<th>KG18 Luminaire C/W K20 Capital</th>
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</thead>
<tbody>
<tr>
<td>27 3/4”</td>
<td>23 3/4”</td>
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</tbody>
</table>

KG20 Luminaire C/W Regal Basket & K50 Capital

<table>
<thead>
<tr>
<th>KG18 Luminaire C/W K10 Capital &amp; Decor Basket</th>
</tr>
</thead>
<tbody>
<tr>
<td>28”</td>
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</tbody>
</table>

KG DECORATIVE OPTIONS

RB - Regal Basket
The Regal decorative basket adds a classic flare to the traditional round globe – available in globe diameters from 18” to 24” and comes with a standard Rotolock™ feature, for precise bug/water free seal of globe to capital.

DB - Décor Basket
The Décor decorative basket gives a unique look to the traditional round globe – available in globe diameters from 14” to 24”. It can be specified as Rotolock™ by adding “R” after globe diameter in the catalog number, otherwise it will be supplied with thumb screw attachments as standard.

PENDANT ALSO AVAILABLE

Visit StressCreteGroup.com for specification information.
K56 CLEVELAND/TUDOR

One of the most versatile of all ornamental luminaires available in the first half of the 20th century, the K56 Cleveland/Tudor offers the beauty of yesteryear with the superior lighting performance required to meet the demanding lighting standards of today. Select from the Cleveland Style without spurs, or the Tudor Style with spurs.

**LED OPTICAL SYSTEMS**
- B3
- R1
- P4

**HID OPTICAL SYSTEMS**
- INT
- VL1
- VL2

**K56 CLEVELAND**
- Dimensions:
  - 35 7/8" (Height)
  - 38 3/8" (Overall)
  - 45 1/2" (Maximum)
  - 45 5/8" (Minimum)

**K56 TUDOR**
- Dimensions:
  - 35 7/8" (Height)
  - 38 3/8" (Overall)
  - 45 1/2" (Maximum)
  - 45 5/8" (Minimum)

**K56 DECORATIVE OPTIONS**

**T-Style Capital**
The T-style capital mounts on a 3 1/2" OD x 3 1/2" long tenon. An optional button photocell can be added if required.

**K-Style Capital**
The K-style capital mounts on a 3 1/2" OD x 3 1/2" long tenon. An optional button photocell can be added if required.

**R-Style Capital**
The R-style capital mounts over a 7" OD ring which can be mounted on a flared-top pole or column.

**K-Style Capital**
The K5 style capital mounts on a 7" OD ring in combination with the “R” style capital, allowing an elegant break between the luminaire and column. An optional button photocell can be added if required.
With a similar design, the K59 Clarkstown is a stylish alternative to our popular K56 Cleveland/Tudor luminaire. This octagonal fixture offers a traditional look that will add poise and elegance to any setting.

**K59 CLARKSTOWN**

Visit StressCreteGroup.com for specification information.
PENDANT LUMINAIRE FAMILIES

**K200 SERIES**

Each one of the K200 Series of pendant luminaires offers a specific and different appearance, yet each provides unmatched photometric performance. From roadway lighting to parking lots, walkways, waterfronts and recreational areas, one of the exceptional luminaires from the K200 Series will suit your needs.

![K200 Series luminaires](image)

**K300 SERIES**

Designed to add style and function to marinas, pathways, and waterfronts, the K300 Series offers the dual advantage of aesthetically pleasing looks, with a high quality, well-engineered luminaire.

![K300 Series luminaires](image)

**K600 SERIES**

Though historical in appearance, the K600 Series offers high performance optical systems with excellent spacing and low glare.

![K600 Series luminaires](image)

**K700 SERIES**

A 3/4 scaled version of our popular K800 Series, the K700 Series has the flexibility to be used either on its own in a street or area lighting system, or in combination with matching K800 Series luminaires. This allows both roadway and pedestrian concerns to be individually met without any compromise.

![K700 Series luminaires](image)
PENDANT LUMINAIRE FAMILIES

**K800 SERIES**
The K800 Series offers traditional pendant designs with the option of three state of the art optical systems. This Series was designed to increase roadway performance while providing superior spacing. Suitable for both roadway and off roadway applications, the timeless designs of the K800 Series can be used in both contemporary and historical settings.

**K900 SERIES**
The HID K901 Centurion™ and LED K902 Centurion™ Area Lighting Series are modern, high performance luminaires, with sleek contemporary designs, ideal for use in both area and roadway lighting applications.

**OCTAGONAL SERIES**
The classic, yet versatile look of our octagonal pendant luminaires makes the K56 Cleveland/Tudor a popular selection among lighting designers and specifiers.

**ROUND GLOBE SERIES**
With its roots strongly planted in the yesteryear, the classic round globe is suitable for any architectural setting, whether historical or contemporary.

Visit StressCreteGroup.com for specification information.
K200 SERIES

With features such as heavy wall aluminum castings, tool-less access to the lamp and ballast, and a quick remove ballast assembly, ease of maintenance is a key component of the K200 Series. Customize your fixture with one of King Luminaire’s leveling plumbizers as well as a selection of decorative arms.

LED OPTICAL SYSTEMS  HID OPTICAL SYSTEMS

K201 Radian

K202 Argosy

K203 Falconridge

K204 Viscount

Visit StressCreteGroup.com for specification information.
Visit StressCreteGroup.com for specification information.
With tool-less access for ease of maintenance, the K330 Versailles fixture maintains the look of early luminaires that were installed in many locations throughout North America. It utilizes an LED optical system or your choice of two aluminum reflector systems that provide superior Dark Sky Friendly™ performance.
K366 HARBOUR SIDE

POST TOP
ALSO AVAILABLE

Designed to add style and function to marinas, pathways, and waterfronts, the K366 Harbor Side luminaire offers the dual advantage of aesthetically pleasing looks, with a high quality, well-engineered luminaire. This fixture features a quick release twist and release ballast assembly for ease of maintenance.

Visit StressCreteGroup.com for specification information.
K600 SERIES

With unique styles, the K600 Series offers a historical lantern for every taste. Though historical in appearance, they offer a series of high performance HID and LED optical systems with excellent spacing and low glare.

LED OPTICAL SYSTEMS  
HID OPTICAL SYSTEMS

K601D COACH LANTERN
Available with P4 only.

K611 BALMORAL

POST TOP  
ALSO AVAILABLE

POST TOP  
ALSO AVAILABLE

K600 FINIAL OPTIONS
**K700 SERIES**

A 3/4 scaled version of our popular K800 Series, the K700 Series has the flexibility to be used either on its own in a street or area lighting system, or in combination with matching K800 Series luminaires. This allows both roadway and pedestrian concerns to be individually met without any compromise.

**LED OPTICAL SYSTEMS** | **HID OPTICAL SYSTEMS**
---|---
![P4](image)

**K700 SERIES LENS OPTIONS**

- **FLAT**: 2 3/8”
- **SAG**: 5 3/8”
- **SHALLOW**: 10”
- **DEEP DISH**: 18 7/16”

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**K703 SOLITAIRE JR.**

**K704 CORONET JR.**

**K705 CHICAGO JR.**

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**K707 DORAL JR.**

**K723 FALCONRIDGE JR.**

**K729 AURORA JR.**

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
**K800 SERIES**

The K800 Series offers traditional pendant designs with state of the art optical systems: King Luminaire’s well proven Refractor/Reflector dual optical system, the Dark Sky Friendly™ VL3 hydroform aluminum reflector, in addition to the newest P4 (4th generation flat array) LED optical system. These luminaires are designed to increase roadway performance while providing superior spacing.

**LED OPTICAL SYSTEMS**

- P4

**HID OPTICAL SYSTEMS**

- VL3
- REF

**K800 SERIES LENS OPTIONS**

- **FLAT**
  - 2 1/2”
- **SAG**
  - 8 1/8”
- **SHALLOW**
  - 15 3/8”
- **DEEP DISH**

**K803 SOLITAIRE SR.**

**K804 CORONET SR.**

**K805 CHICAGO SR.**

**K806 SATCHELL SR.**

**K807 DORAL SR.**

**K808 EMPIRE**

Visit StressCreteGroup.com for specification information.
Visit StressCreteGroup.com for specification information.
The HID K901 Centurion™ Area Lighting Series is designed to simultaneously reflect a look of both strength and elegance. With the ever increasing demand for Dark Sky Friendly™ fixtures in mind, the K901 Centurion™ was engineered with an optical system with zero uplight. The Opticlean™ sealed optical chamber, enclosed in a heavy duty cast aluminum housing, results in a rugged, long-lasting luminaire.

HID OPTICAL SYSTEMS

Visit StressCreteGroup.com for specification information.
The LED K902 Centurion™ Area Lighting Series is designed to simultaneously reflect a look of both strength and elegance. This family consists of modern, high performance luminaires, with sleek contemporary designs, ideal for use in both area and roadway lighting applications. It offers Dark Sky Friendly™ characteristics, emitting no uplight into the night sky.

Visit StressCreteGroup.com for specification information.
K56 CLEVELAND/TUDOR

The classic, yet versatile look of our octagonal pendant luminaires makes the K56 Cleveland/Tudor a popular selection among lighting designers and specifiers. Select from the Cleveland Style without spurs, or the Tudor Style with spurs. Available in HID and LED with multiple plumbizers and finial options, the options are endless.

Visit StressCreteGroup.com for specification information.
**KG CAPRICORN GLOBE**

With its roots strongly planted in the yesteryear, the classic round globe is suitable for any architectural setting, whether historical or contemporary. Today it is utilized in a variety of settings, from lighting roads to pathways, parks and building exteriors. Available in sizes 14” to 24” diameter.

**KG DECORATIVE OPTIONS**

- **KA15-T Bishop’s Crook Arm**
- **KA14-T New Orleans Arm**
- **KA75-T-1 Santiago Arm**
- **KA49-S-4.5 London Arm**
- **KA58-T-2 Hot Springs Arm**

**LED OPTICAL SYSTEMS**

- **KG20 Luminaire C/W K40 Capital**
- **KG14 Luminaire C/W K22 Capital**
- **KG20 Luminaire C/W Regal Basket & K51 Capital**

**HID OPTICAL SYSTEMS**

- **NO OPTIC**

Visit [StressCreteGroup.com](http://StressCreteGroup.com) for specification information.
DECORATIVE ARMS
SINGLE & MULTIPLE

The StressCrete Group offers a vast selection of capitals, finials, arms, and accessories to complete the design of the luminaire and seamlessly integrate it to the pole. To us, ornamental street lighting does not just mean a pole and a luminaire, it means meticulous attention to design and detail.

Visit StressCreteGroup.com for specification information.
DECORATIVE ARMS
SINGLE & MULTIPLE

KA58-T1 HOT SPRINGS
KA58-T2 HOT SPRINGS
KA59-S
KA68-T1

KA68-T2
KA69-T1 JEFFERSON
KA69-T2 JEFFERSON
KA72-T1 ATLANTIC

KA72-T2 ATLANTIC
KA75-S
KA75-T1 SANTIAGO

KA75-T2 SANTIAGO
KA79-S CAROLINA
KA84-T
KA90-S AUBURN

KA93-S
KA94-S1-XX BRONTE
KA95 WINDSOR

Visit StressCreteGroup.com for specification information.
DECORATIVE ARMS
TWIN

KA21-T2

KA23-T2 CALIFORNIA

KA28-T2

KA43-T2

KA45-T2 31ST STREET

KA63-T2 COHOCOTN

KA65-T2 LANSING

KA66-T2

KA70-T2 PACIFIC

KA71-T2 RIVERSIDE

KA71-T2P RIVERSIDE PENDANT

KA88-T2

KA91-T2 REGENCY

Visit StressCreteGroup.com for specification information.
STREETLIGHTING ARMS
CAPITALS

TO ACCEPT VARIOUS CAPITALS
2 7/8"
TO ACCEPT ROTOLOCK RING OR MAXIMUM 9 3/8" O.D GLOBE OPENING

10 13/16"Ø

TO ACCEPT 3 1/2" O.D x 3 1/2" LONG TENON (STANDARD) OTHER SIZES AVAILABLE UPON REQUEST

8" Ø

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9 3/8" O.D GLOBE OPENING

8 3/4" Ø

TO ACCEPT 3 1/2" O.D x 3 1/2" LONG TENON (STANDARD) OTHER SIZES AVAILABLE UPON REQUEST

9 9/16"Ø

TO ACCEPT 3 1/2" O.D x 3 1/2" LONG TENON (STANDARD) OTHER SIZES AVAILABLE UPON REQUEST

10 5/8"Ø

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D GLOBE OPENING

10 9/16" Ø

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D GLOBE OPENING

10 11/16" Ø

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D GLOBE OPENING

Visit StressCreteGroup.com for specification information.
TO ACCEPT 8 15/16" O.D. GLOBE OPENING

TO ACCEPT 7" O.D. RING POLE TOP

SET SCREWS

8 15/16" Ø

13 3/8"

FULLY SEALED ACRYLIC LENS ON PHOTO-EYE WINDOW

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D. GLOBE OPENING

TO ACCEPT 3 1/2" O.D. X 3 1/2" LONG TENON (STANDARD)
OTHER SIZES AVAILABLE UPON REQUEST

SET SCREWS

10 5/8"Ø

11 3/16" Ø

PHOTO-EYE DOOR ASSEMBLY WITH TWISTLOCK RECEPTACLE

FULLY SEALED ACRYLIC LENS ON PHOTO-EYE WINDOW

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D. GLOBE OPENING

TO ACCEPT 3 1/2" O.D. X 3 1/2" LONG TENON (STANDARD)
OTHER SIZES AVAILABLE UPON REQUEST

SET SCREWS

8 7/8" Ø

14 5/8" Ø

K20

K23

K24

TO ACCEPT 20", 22" OR 24" O.D. GLOBE OPENING

TO ACCEPT 3 1/2" O.D. X 3 1/2" LONG TENON (STANDARD)
OTHER SIZES AVAILABLE UPON REQUEST

SET SCREWS

7 1/2"Ø

8 7/8" Ø

14 1/2"Ø

9 1/4" POLE DEPTH

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D. GLOBE OPENING

SET SCREWS

7 5/8" Ø

6 1/4" Ø

18"

18 1/2" POLE DEPTH

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D. GLOBE OPENING

SET SCREWS

5 7/8" Ø

6 1/4" Ø

24 1/2" POLE DEPTH

TO ACCEPT ROTOLOCK RING OR MAXIMUM 9" O.D. GLOBE OPENING

SET SCREWS

9 1/4" Ø

5 13/16" INSIDE FL/FL

KAFJ

KFS1

KFSL2

Visit StressCreteGroup.com for specification information.
FINIALS

FINIAL #1
FINIAL #2
FINIAL #3

PLUMBIZERS

KPL10
KPL11
KPL20
KPL21
KPL30
KPL40

Visit StressCreteGroup.com for specification information.
POST TOP LED CONVERSION KITS

The King Luminaire Post Top LED Conversion Kits offer a simple way to convert to high efficiency LED. With tested optical control and dynamic thermal management, King Luminaire’s engineered combination of tower heat sinks and vented finial creates a tested system that requires little maintenance. LED technology can cut energy consumption by more than 50% while still maintaining performance and an attractive nightscape appearance. Conversion Kits include globe, LED engine and driver assembly.

Visit StressCreteGroup.com for specification information.
### STRESSCRETE GROUP
#### COMPANY HISTORY

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1953</td>
<td>StressCrete Ltd., a utility pole manufacturer, is founded. The company manufactures static cast tapered square poles that are considered upgrades from standard wood.</td>
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<tr>
<td>1958</td>
<td>Manufacturing of the original poles ceases and the company invests in spinning technology, which not only enables them to produce a round cross section, but also vastly improves the strength and durability of the product. This transition also enables the company to expand into the regional market, manufacturing product for Southern Ontario and the state of Michigan. The product line grows to include power distribution, sub-station structures, hi-mast, sports lighting and strain poles, as well as the original lighting poles.</td>
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<tr>
<td>1981</td>
<td>StressCrete Ltd. purchases Barratt Spun Concrete Poles, a company with a more decorative line of lighting poles, primarily servicing the U.S. market. Recognizing the growth movement toward traditional and historic outdoor lighting, StressCrete Ltd. designs and purchases molds that enable them to supply this demand.</td>
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<tr>
<td>1986</td>
<td>StressCrete Ltd. acquires ornamental luminaire manufacturer King Luminaire Co. Inc., based in Jefferson, Ohio, to complete their lighting package. This substantially increases the company’s rate of growth, positioning the company as a full service industry leader.</td>
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<tr>
<td>1995</td>
<td>StressCrete Inc.’s concrete pole manufacturing facility in Northport, Alabama begins operations.</td>
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<tr>
<td>2005</td>
<td>King Luminaire Co. Inc. completes a 25,000 square foot expansion of its Jefferson, Ohio manufacturing facility; housing a state-of-the-art powder coating system.</td>
</tr>
<tr>
<td>2008</td>
<td>StressCrete Inc.’s concrete pole manufacturing facility in Atchison, Kansas begins operations.</td>
</tr>
<tr>
<td>2011</td>
<td>King Luminaire Co. Inc. completes a 10,000 square foot expansion of its Jefferson, Ohio manufacturing facility, including a highly advanced LED lab. This lab allows them to manufacture all LED components in-house, making them an industry leader in LED manufacturing for outdoor lighting. StressCrete purchases the equipment and other assets of Sky Cast Inc.</td>
</tr>
</tbody>
</table>
2013
The StressCrete Group celebrates its 60th anniversary.

2014
King Luminaire Co. Inc. adds a powder coating line to its Burlington, Ontario facility, allowing them to powder coat all of their poles and arms in-house.

King Luminaire Co. Inc. adds a Gonio-photometer to its Jefferson, Ohio manufacturing facility, which enables in-house photometric testing, expanding their photometric database and R&D capability.

2015
King Luminaire Co. Inc. adds a Highly Accelerated Life Testing (HALT) system to the technical center at its Jefferson, Ohio facility. The HALT system allows King Luminaire Co. Inc. to analyze and improve the reliability of their product by subjecting product samples to extreme operational stress. The repeated application of these stresses (heat/cold, humidity, and vibration) enables King Luminaire Co. Inc. to analyze and improve the product design and manufacturing processes. This substantial investment helps them continue to produce the highest quality products in their industry.

2016
King Luminaire Co. Inc. breaks ground on a 53,000 square foot expansion of its Jefferson, Ohio facility. This multi-million dollar investment offers a new state of the art Surface-Mount Technology (SMT) system and center, added space for continued product assembly, as well as an expansion of both their technology center and quality control area. This investment allows them to continue their path of new product development and obtain their growth objectives for years to come.