How to Catalog for K56 Pendant Luminaire

**Lighting:**
- Select a mounting arm please see Arms and Capitals in our printed catalog or on our website at www.kingluminaire.com

**Paint Color:***
- GN - Federal Green
- BE - Blue
- GY - Gray
- BN - Brown
- BK - Black
- BZ - Bronze

**Optical Systems:**

**VL2:**
- SAR - Segmented Acrylic Rippled lens
- SAC - Segmented Acrylic Clear lens
- SPR - Segmented Polycarbonate Rippled
- SPC - Segmented Polycarbonate Clear
- SGC - Segmented Glass Clear

**VL1:**
- LAR - Louvre with Acrylic Rippled lens
- LAC - Louvre with Acrylic Clear lens
- LPR - Louvre with Polycarbonate Rippled
- LPC - Louvre with Polycarbonate Clear

**E:**
- EAO - External Acrylic Optics
- EPO - External Polycarbonate Optics

**I:**
- IAC - Internal Refractor with one piece Acrylic Clear lens
- IAR - Internal Refractor with one piece Acrylic Rippled lens
- IPC - Internal Refractor with one piece Polycarbonate Clear lens
- IPR - Internal Refractor with one piece Polycarbonate Rippled lens

**IES Lighting Classification:**
- III - Type III
- V - Type V

**Desired Wattage (Maximum):**
- MV - 250
- HPS - 250
- MH - 250
- ID - Incandescent
- IND - Induction

**Light Source:**
- MV - Mercury Vapor
- MH - Metal Halide
- HPS - High Pressure Sodium
- ID - Incandescent
- IND - Induction

**Line Voltages:**
- All standard line voltages are available, including multi-tap (MT) and dual voltages (DV). When specifying multi-tap or dual voltage, state voltage to be wired to.

**POLE ADAPTER (Capital):**
- P - Pendant

**ORNAMENTAL LIGHTING TM**

**AN ILLUSTRIOUS PAST**

**AN ILLUMINATING FUTURE**
An Illustrious Past

Probably the most versatile of all ornamental luminaires available in the first three or four decades of the 20th century, the K56 was originally used as a post top, a pendant, and on occasion, even a floodlight. It first appeared during the First World War, achieving instant approval as an acceptable alternate to the ever-popular Acorns.

It figured largely in the first integrated street lighting system of Cleveland, Ohio, and over the next 30 years, it was produced and sold coast to coast by at least three major manufacturers. Various known as the Tallmadge Lantern, Tudor, Edgewater, Octagonal and Cleveland, it graced the streets and parks of literally thousands of communities right across the continent.

All Illuminating Future

King Luminaire has elected to revive the original GE nomenclature of the “Octagonal Novalux Form 56”. The Octagonal today is available in the Cleveland version (without spurs) and as the Tudor (with spurs). While the physical appearance of the K56 is completely authentic, King Luminaire has totally redesigned the optical system, offering excellent photometric performance in IES Type III & V patterns with a wide variety of HID light sources.

The K56-I with an internal glass refractor was the original HID optical system. The K56-E, introduced in the 70’s with the external prismatic refractor panels, was the next optical improvement to be introduced. Today, in response to the ever-growing concern for light control, King has developed two innovative optical systems, both of which offer a cutoff classification.

The K56-VL1 with a louvered reflector system and the K56-VL2 with a segmented reflector both offer high performance with a cutoff classification that is dark sky friendly and provides excellent efficiency with low glare.

The versatility now available with the four optical systems of the K56 Octagonal Luminaire offers the beauty of yester-year with the superior lighting performance required to meet the demanding lighting standards of today.
Choosing the Right Optical System

In selecting which of the K56 optical systems is right for your project, numerous items, besides the luminaire’s lighting characteristics, need to be considered.

Glare: Luminaires must provide the ability to see, not just light the ground.

Purpose: Consideration must be given to the purpose of the lighting. (i.e. area lighting or which type of roadway)

Ambiance: Light standards provide the finishing architectural touch - 24 hours a day.

Safety: The finished project must meet all codes and ordinances.

Uplight: Consider the project’s environment and design accordingly.

Light Trespass: Put light in the right places, not on private property or bedroom windows.

Budget: Consider both the initial capital investment and, especially, the ongoing maintenance costs.

Power Usage: Use as few assemblies as is practical.

With the above points in mind and using the requisite IES files, the lighting designer will be enabled to make an educated decision as to which optical system will be most suitable for any given project.

K56 - Features at a Glance

- Authentic historic reproduction of original luminaire
- Heavy-duty aluminum casting
- Available with spurs (Tudor) or without (Cleveland)
- Tool-less access to lamp and ballast
- Available in glass, durable polycarbonate, or high impact UV resistant acrylic
- Four (4) optical systems from which to choose
- Available in all Kingcoat colors
- Available with a variety of plumbizers (leveling devices)
**K56 - VL2 Segmented Reflector**

A sophisticated segmented aluminum reflector specifically designed to minimize glare and uplight. Offering a cutoff classification, this sparkling performer works within the parameters of the environmental issues that are becoming ever more important in our modern world.

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**Plumbizer (leveling device) options available for K56 Pendant Luminaire**

(A leveling device or plumbizer is recommended on all Pendant luminaires to ensure it hangs vertically)

**KPL-10**

One of the original plumbizers and therefore most historically accurate. Once luminaire is vertical, set screws are tightened to lock in place.

**KPL-30**

This decorative plumbizer mounts on a horizontal arm, allowing the luminaire to hang vertically. Once vertical, set screws are tightened to lock in place.
K56 - VL1
Louvered Reflector

Available in either cutoff or semi-cutoff classifications, the VL1 louvered reflector system provides excellent performance in terms of both luminance and illuminance with minimal uplight, low glare, and good light control.

Available Plumbizer options for K56 Pendant Luminaire (cont’d)

KPL-30-PR or PE
The versatility of the KPL-30 allows the mounting of a twistlock photoeye on the plumbizer.

KPL-30-PR or PE
C/w F4 finial
The addition of the F4 finial adds a decorative flair to the photoeye and is a great design addition when used with the K56 Luminaire.
Available Plumbizer options for K56 Pendant Luminaire (cont’d)

K56 - VL1 Louvered Reflector

Available in either cutoff or semi-cutoff classifications, the VL1 louvered reflector system provides excellent performance in terms of both luminance and illuminance with minimal uplight, low glare, and good light control.

K56 - VL1
Louvered Reflector

VL1 Aluminum Specular VL1 Louver Assembly
Available in Type III or V

Available Plumbizer options for K56 Pendant Luminaire (cont’d)

K56 - VL1 Louvered Reflector

27” K56 - VL1
Louvered Reflector

The versatility of the KPL-30 allows the mounting of a twistlock photoeye on the plumbizer.

KPL-30-PR or PE
The KPL-30 is a simple, elegant plumbizer that mounts on a horizontal arm, allowing the luminaire to hang vertically. Set screws are tightened to lock in place.

KPL-30-PR or PE

KPL-30-PR or PE c/w F4 finial
The versatility of the KPL-30 allows the mounting of a twistlock photoeye on the plumbizer.

KPL-30-PR or PE

KPL-30-PR or PE c/w F4 finial
The addition of the F4 finial adds a decorative flair to the photoeye and is a great design addition when used with the K56 Luminaire.

KPL-30-PR or PE

KPL-30-PR or PE c/w F4 finial
The addition of the F5 finial adds a decorative flair to the photoeye and is a great second optional design when used in conjunction with the K56 Luminaire.

KPL-30-PR or PE

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**LUMINAIRE BODY**
- LBC - Conical
- LBD - Octagonal

**POLE ADAPTOR**
- P - Suspension
- F - Suspension w/ Finial
- M - Mounting

**LUMINAIRE OPTIONS**
- PR - Twistlock Receptacle
- PE - Twistlock Receptacle c/w Photoeye
- PBC - Photo Button Cell
- PEC - Electronic Photo Button Cell
- KPL - 10
- KPL - 20
- KPL - 20 - PR or PE
- KPL - 20 - PR or PE c/w F4 finial
- KPL - 30
- KPL - 30 - PR or PE
- KPL - 30 - PR or PE c/w F4 finial
- KPL - 30 - PR or PE c/w F5 finial

**PLUMBIZERS**
- KPL- 10
- KPL- 20
- KPL- 20 - PR or PE
- KPL- 20 - PR or PE c/w F4 finial
- KPL- 20 - PR or PE c/w F5 finial
- KPL- 30
- KPL- 30 - PR or PE
- KPL- 30 - PR or PE c/w F4 finial
- KPL- 30 - PR or PE c/w F5 finial

**ARMS**
To select a mounting arm please see Arms and Capitals in our printed catalog or on our website at www.kingluminaire.com

**PAINT COLOR**
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- BE - Blue
- GY - Gray
- BN - Brown
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**OPTICAL SYSTEMS**
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**RIES LIGHTING CLASSIFICATION**
- III - Type III
- V - Type V

**DESIRABLE WATTAGE**
(.MAXIMUM)*
- MV - 250
- HPS - 250
- MH - 250
- *A maximum 150 watt coated lamp is recommended with K56 - E optical system.

**LIGHT SOURCE**
- MV - Mercury Vapor
- MH - Metal Halide
- HPS - High Pressure Sodium
- ID - Incandescent
- IND - Induction

**LINE VOLTAGES**
All standard line voltages are available, including multi-tap (MT) and dual voltages (DV). When specifying multi-tap or dual voltage, state voltage to be wired to.
- i.e., 240 (MT)

**ORNAMENTAL LIGHTING TO ILLUSTRIOS PAST AN ILLUMINATING FUTURE**

K56 OCTAGONAL PENDANT LUMINAIRE

An Illustrious Past

An Illuminating Future

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