



**KHA** | AREA LIGHTING | BOLLARDS

PRODUCT CODE

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PROJECT

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TYPE

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PERFORMANCE  
**iN** LIGHTING

powered by  
**GEWISS**



## Company

Performance in Lighting USA, located in Conyers, GA, is part of an international group of companies headquartered in Verona, Italy.

The group was formed from a number of well-established technical lighting companies from various countries. Performance in Lighting has a wide sales and distribution network operating in over 100 countries worldwide. Production facilities are located in Verona Italy, Bergamo Italy, Goslar Germany, Brussels Belgium, Conyers GA USA. Sales/distribution subsidiaries are located in England, Holland, France, Finland, Spain, Portugal, Australia, Dubai and Japan.

Recognized for its unique professional approach and technical know-how, Performance in Lighting has combined its international experience and technical expertise to become a worldwide leader in its industry. The group offers various lighting solutions worldwide for many applications including interior, exterior, residential, commercial, and sports lighting providing options to satisfy both architectural and engineering requirements.

Performance in Lighting USA concentrates on specification grade luminaires designed to provide a vast array of lighting solutions. Our concentration is outdoor products for illuminating commercial spaces from structural facades to parking areas. We strive to meet the demands of today's lighting community offering made in USA products, European designed with clean, contemporary aesthetics along with aggressive price points and fast lead times.

## Pronto Program

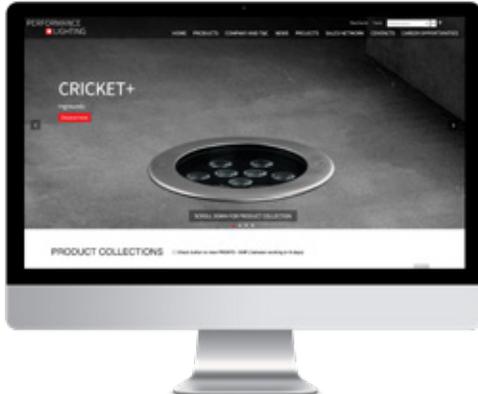
PERFORMANCE IN LIGHTING offers a wide range of quick ship fixtures through the Pronto Program and a host of options to fit within the unique budget of your next project.





## Overview

Click the QR-code for latest information.



## Website

Please visit our web site [www.performanceinlighting.com/us/us/](http://www.performanceinlighting.com/us/us/) for the latest updated versions available.



## 5-year warranty

All products are covered by a 5-year warranty, provided that they are used and maintained according to instructions. Focus on quality, safety and product lifetime/longevity are the essential objectives of PERFORMANCE IN LIGHTING. For additional information, email [info.usa@pil.lighting](mailto:info.usa@pil.lighting)

## Lighting for pathways of all shapes and sizes

KHA and KHA TECH bollard family offers contemporary aesthetics with several dark-sky friendly (no uplight/pollution) options, suitable for private residential and public area lighting such as parks, gardens, and commercial complexes. Available in two standard heights, the stainless steel or extruded powder-coated aluminum bollards (available in five standard finishes or any RAL color) can be paired with a range of accessories including House Side shield. The seamless engineering of housing and reflector design, full cut-off and fully shielded, and a suitable application of pole height and environment make this series ideal for areas where uplight is restricted or not desired.

KHA SLIM are contemporary high-performance bollards and light columns, combining style with a robust design manufactured in high-quality materials and finishing. KHA SLIM products provide functional and dramatic effect lighting with aesthetics suitable for entrances, paths, walkways, courtyards, gardens, public areas, and security lighting. Consult factory for more options such as individual heights and house side shield options. Also available upon request are wall mount versions, "window" versions, and perforated shielding options among many others.





Doubletree hotel | Pavilion Drive | Virginia | USA

Design coordinated slim area and site lighting column (KHA SLIM 7'2" / 8') and bollard (KHA - KHA TECH) series. Fixtures consist of:

## Construction

- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Corrosion-resistant AISI 316 stainless steel post and top cap.
- Copper-free precision die-cast aluminum housing, top cap and copper-free aluminum extruded post (Iron Gray and Textured Black versions).
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.

## Installation

- Available in six standard heights of 22" and 35" (KHA, KHA TECH) 36", 50", 7'2", and 8'(KHA SLIM).
- Anchor bolts available for bollards (ordered separately).
- Suitable for most coastal applications (stainless steel versions).

## Optics

- Type V overall light distribution (KHA - KHA TECH) and diffuse light emission (KHA SLIM 8' / 50" only).

## Electrical

- Input voltage: 120/277V (50 / 60 Hz), integral 0-10V dimming driver.

## Options

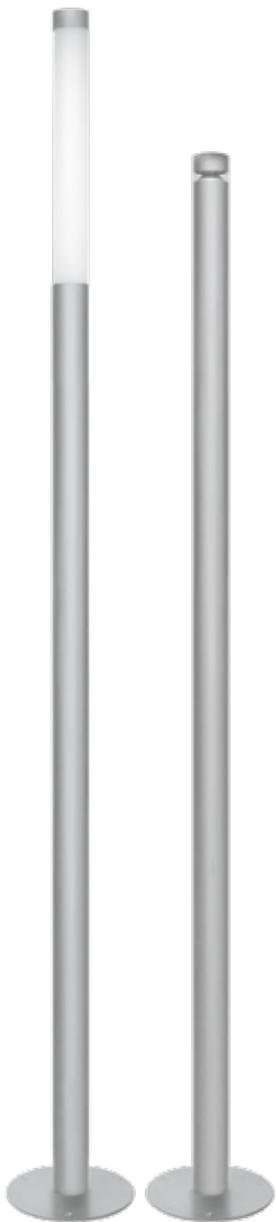
- The luminaire may be configured with numerous options and multiple standard finishes. Not all options are available in all configurations. Consult factory for more information about specification sheet details to build your light.

## Listings

- UL Wet location listed. IP66 rated.
- Product meets Buy American Act (BAA) requirements within ARRA.
- Consult factory for which version qualifies for the PRONTO-SHIP program. All Rough-Ins are available to ship within 48-72 hrs. Orders must be marked "PRONTO."
- Photometric data measured according to UNI EN 13032-1/4 and IES LM-79-08
- Actual performance may differ as a result of the end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications are subject to change without notice.

## Warranty

- 5-year limited warranty. Complete warranty terms located at [www.performanceinlighting.com](http://www.performanceinlighting.com)



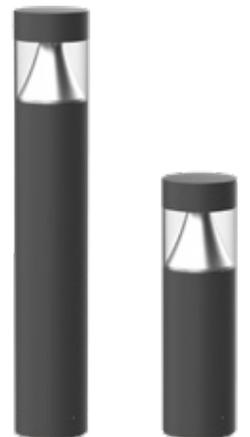
KHA SLIM 8' KHA SLIM 7' 2"



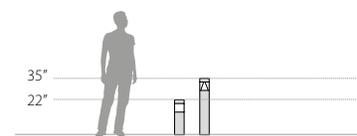
KHA SLIM 50" KHA SLIM 36"



KHA 9 KHA 5



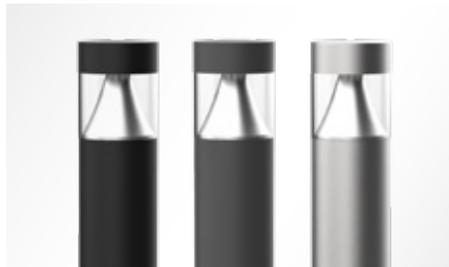
KHA TECH 9 KHA TECH 5



Corrosion-resistant AISI 316 stainless steel post and top cap.  
Suitable for most coastal applications (stainless steel versions).



Internal reflector coated with 5-layers of PVD  
99.98% pure aluminum providing >95% reflection.



Different finishes available: Black, Iron gray,  
Stainless steel.



Standard base (included).



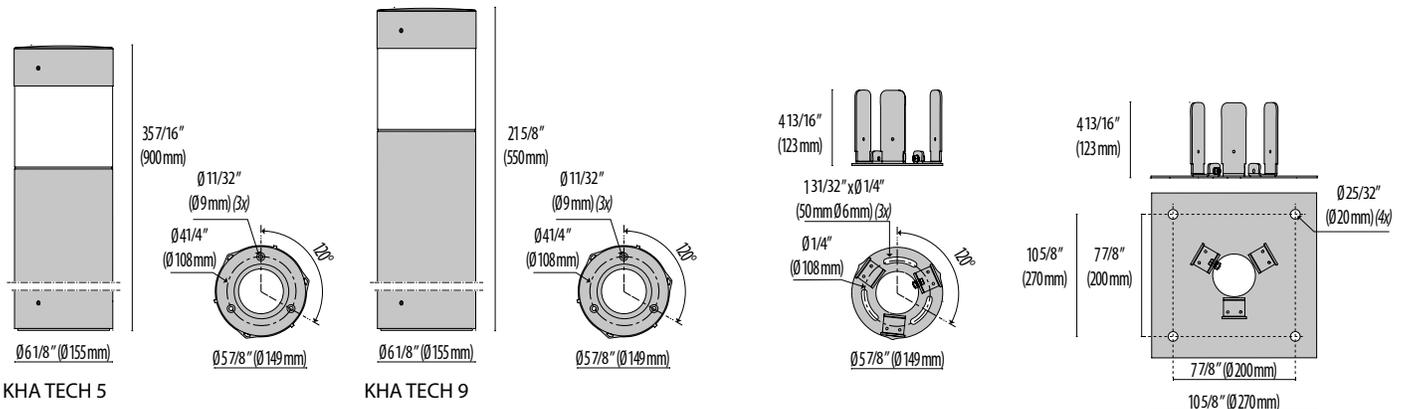
Anchor bolts available (to be ordered separately).  
Concrete mounting adaptor with stainless steel  
plate and galvanised steel rods

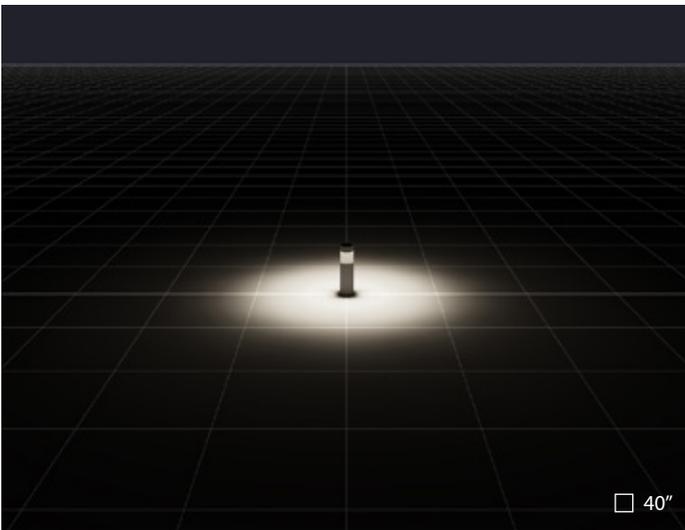


BASE stainless steel HU KHA USA (optional)

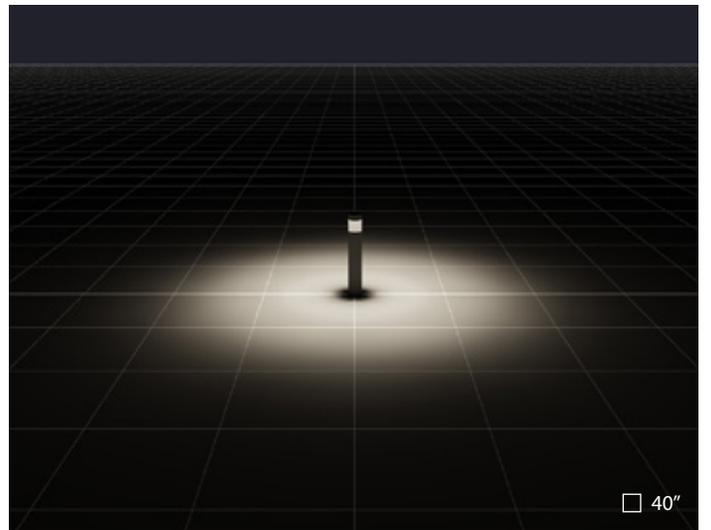


BASE stainless steel FR KHA USA (optional)

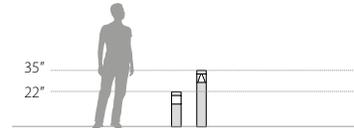




KHA TECH 5 | Extra Wide Circle Reflector | TYPE V



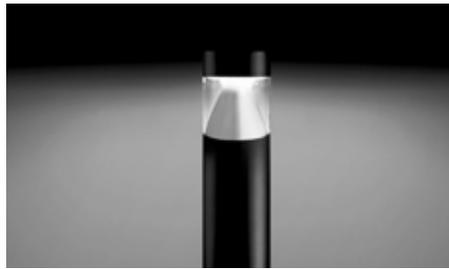
KHA TECH 9 | Extra Wide Circle Reflector | TYPE V



Corrosion-resistant AISI 316 stainless steel post and top cap.  
Suitable for most coastal applications (stainless steel versions).



Internal reflector coated with 5-layers of PVD  
99.98% pure aluminum providing >95% reflection.



KHA 5 and KHA 9 luminaires have a double  
reflector optical systems for downward light  
distribution below the horizontal, providing  
comfortable glare free lighting.



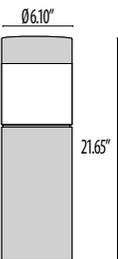
Different finishes available: Black, Iron gray,  
Stainless steel.



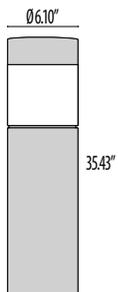
Standard base (included).



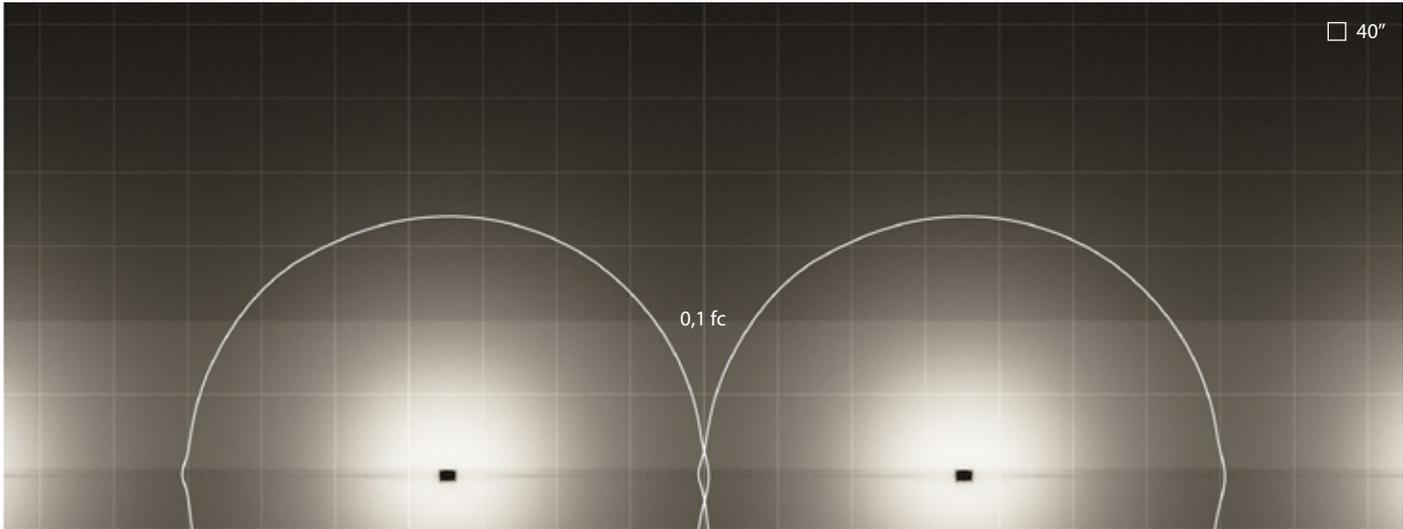
Anchor bolts available (to be ordered separately).



KHA TECH 5

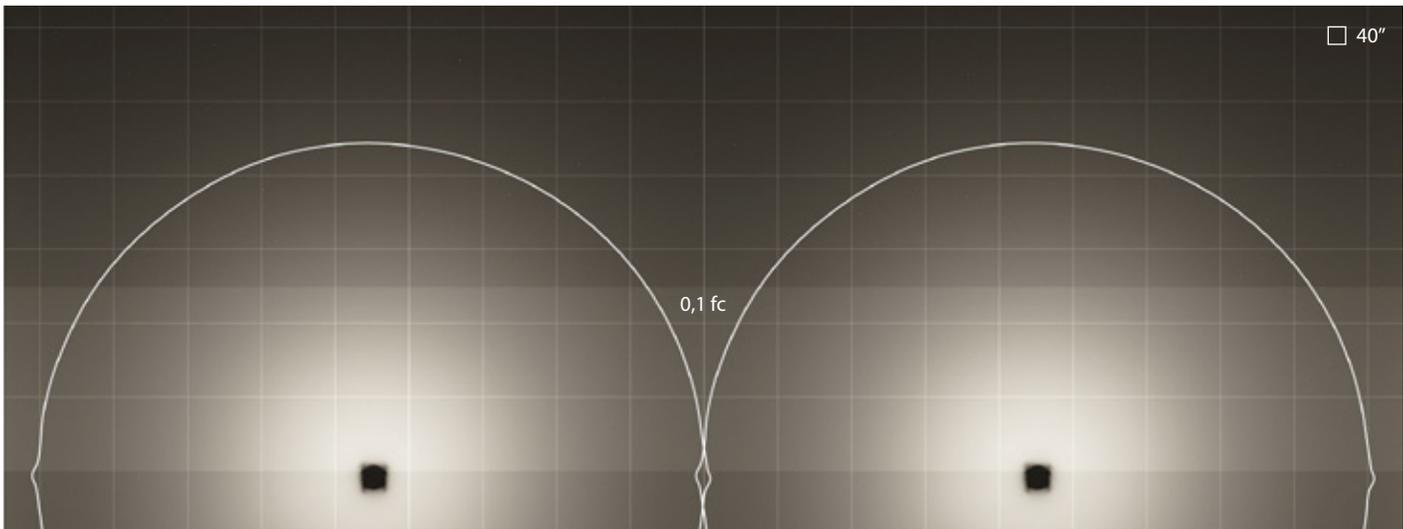


KHA TECH 9



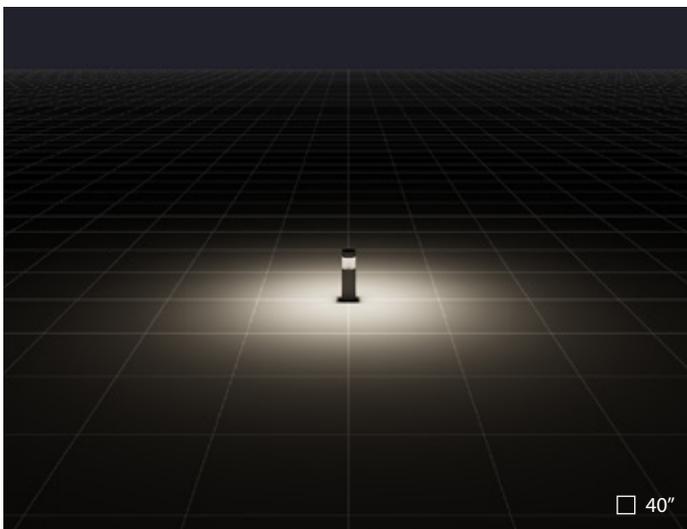
KHA 5 | Circular Extra-Wide optics | TYPE V | linear

Luminaire spacing = 23'0" (7m)  
 Path depth = 6'7" (2m)  
 Mounting height = 0" (0m)

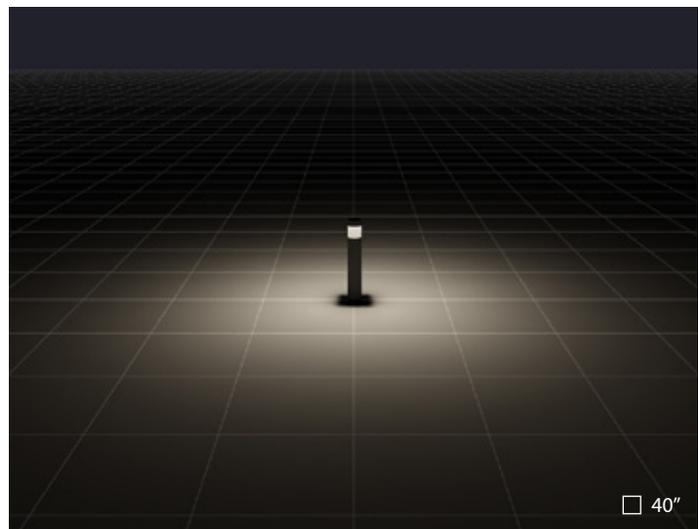


KHA 9 | Circular Extra-Wide optics | TYPE V | linear

Luminaire spacing = 29'6" (9m)  
 Path depth = 8'2" (2.5m)  
 Mounting height = 0" (0m)

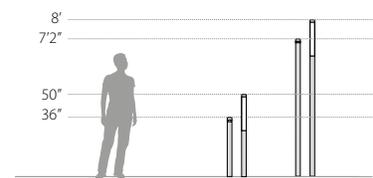


KHA 5 | Circular Extra-Wide optics | TYPE V



KHA 9 | Circular Extra-Wide optics | TYPE V

**KHA SLIM 36" / 50" / 7'2" / 8'**



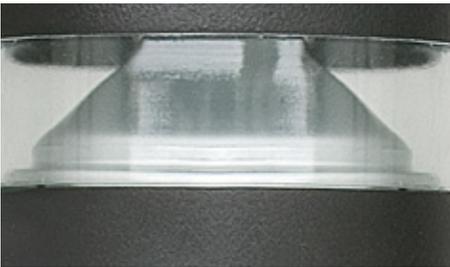
Corrosion-resistant AISI 316 stainless steel post and top cap.  
Suitable for most coastal applications (stainless steel versions).  
Clear UV-stabilised, high-impact resistant diffuser.



KHA SLIM 7'2" and KHA SLIM 36" versions, with double reflector optical system for downward light distribution below horizontal and zero upward light pollution, provide glare free indirect light.

KHA SLIM 8" and KHA SLIM 50" versions are complete with a polycarbonate UV stabilized lamp cover, providing an aesthetically appealing 360° comfortable "soft" radiated light.

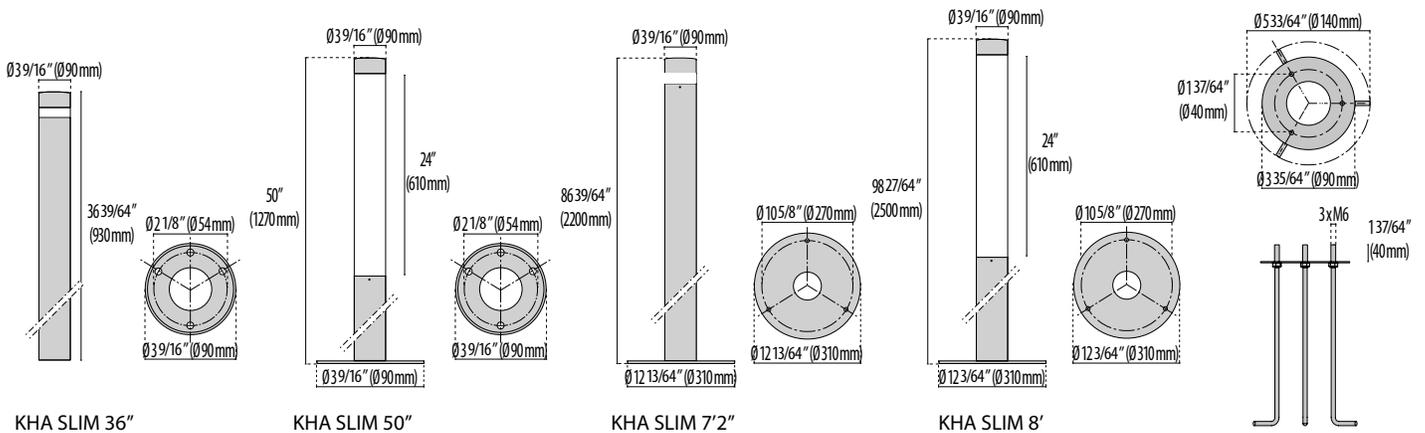
Satin UV-stabilised diffuser (KHA SLIM 50" / 8").

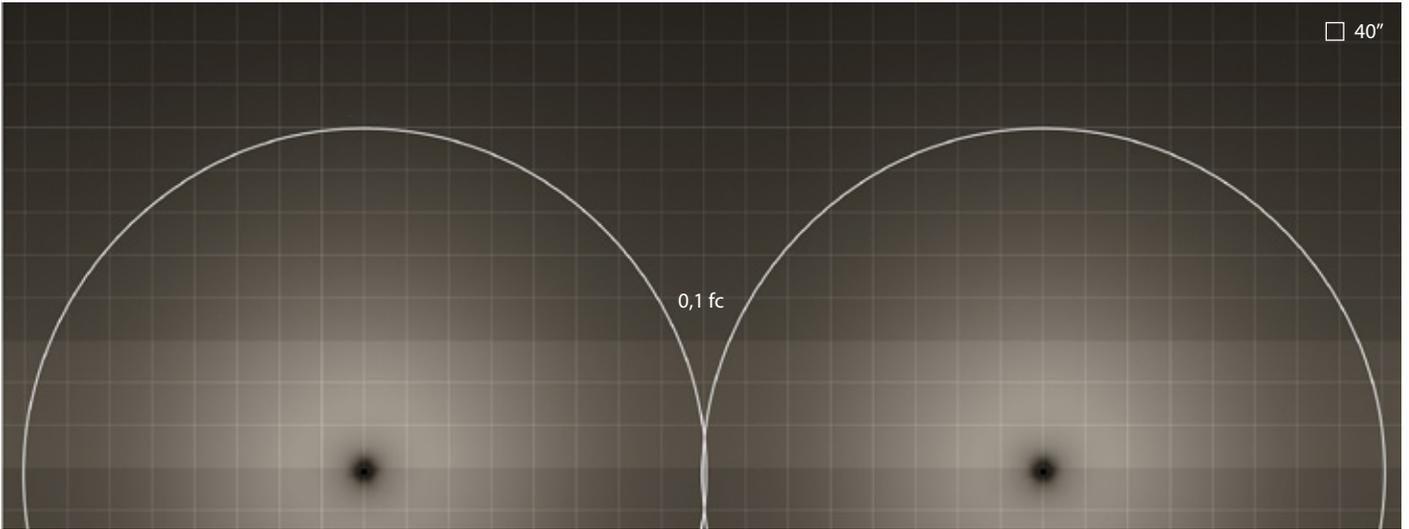


Internal reflector coated with 5-layers of PVD  
99.98% pure aluminum providing >95% reflection.

Anchor bolts available for the 36" and 50" bollard (to be ordered separately).

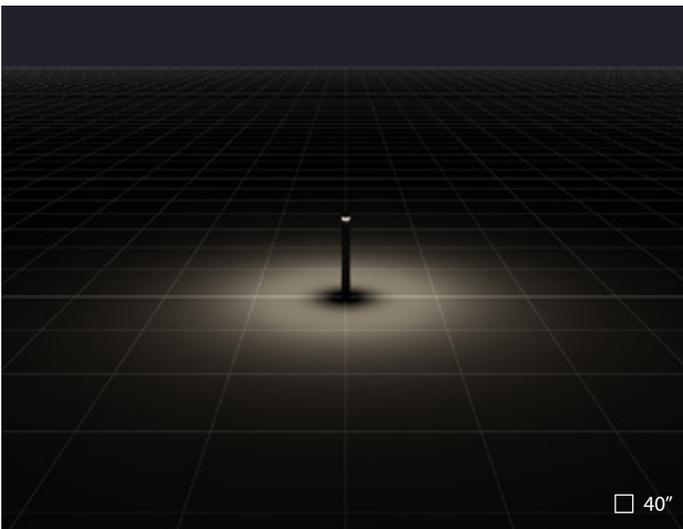
Stainless steel floor installation base (suitable only for KHA SLIM 8"), anchor bolts included



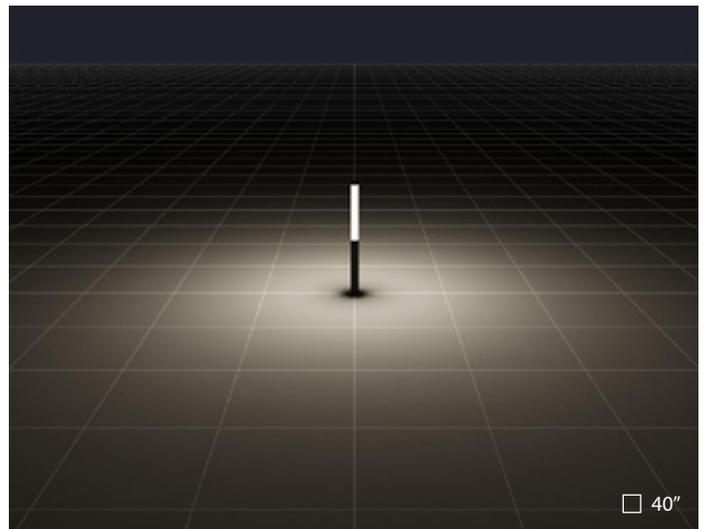


KHA SLIM 8' | Circular Extra-Wide optics | TYPE V | linear

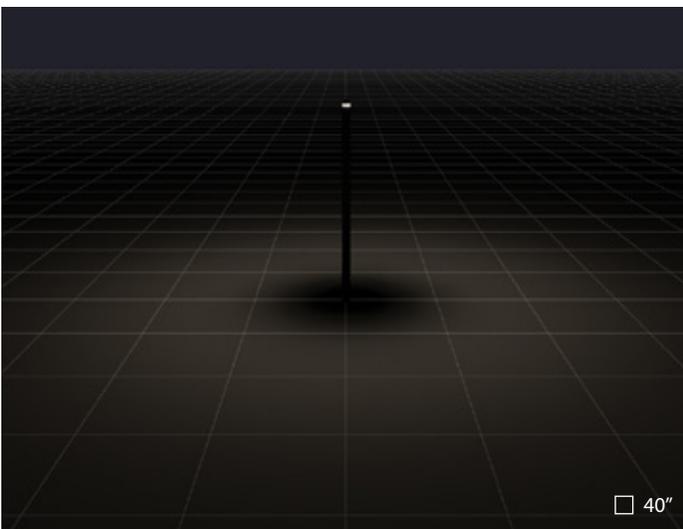
Luminaire spacing = 52'6" (16m)  
 Path depth = 9' 10" (3m)  
 Mounting height = 0" (0m)



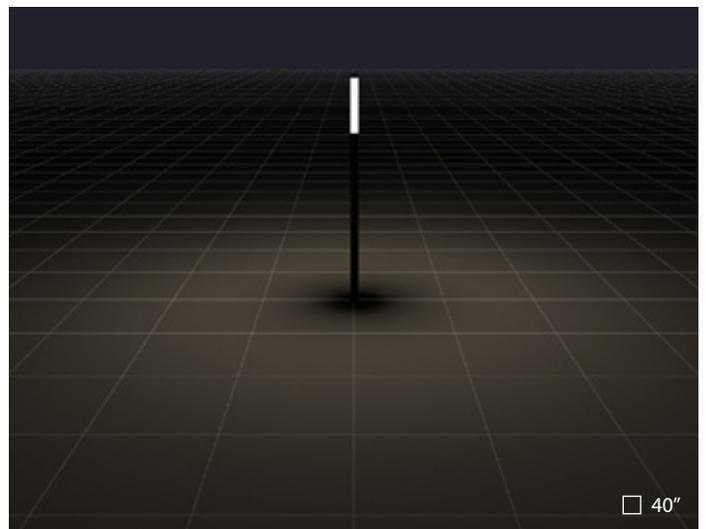
KHA SLIM 36" | Circular Extra-Wide optics | TYPE V



KHA SLIM 50" | Circular Extra-Wide optics | TYPE V



KHA SLIM 7'2" | Circular Extra-Wide optics | TYPE V



KHA SLIM 8' | Circular Extra-Wide optics | TYPE V

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**GEWISS**

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