

kreon outdoor



The art of building is not merely a collection of concrete and brick structures. It consists of an architectural design set in its unique environment.

Environment and architecture cannot be seen as two different entities, they form a whole, in close interaction with one another.

Therefore, lighting is not merely a matter of indoor settings. The moment the building is shrouded in the darkness of night, outdoor lighting connects the life indoors with the outside world.

kreon luminaires for outdoor use constitute the same detail that can reflect and integrate in architecture within its purest form, as its indoor counterparts. They enhance and add value to their environment. Both indoor and outdoor.

Kristof Pycke
Art director



kreon outdoor lighting

do's and don'ts

It is often said that interior lighting can make or break a room. This principle applies to outdoor lighting as well. In addition to your house itself, its environment is equally important and needs full attention when it comes to lighting selection.

In order to choose the perfect outdoor lighting, it is strongly advised to make an appeal to a lighting expert. He or she can determine which type of light should be used to experience and enjoy its full capacity. If you prefer to start by yourself, you should read and take the following do's and don'ts into account in order to achieve the perfect result. Everything starts with your house

Your house is the center piece of your property. By using the appropriate lighting, it will enforce its visibility in the dark. In addition, it will contribute to the security of your property. During the set-up, it is crucial to ensure the walls as well as the architectural elements of your house are sufficiently illuminated.

Use of shadow

Outdoor lighting doesn't only concern what can be illuminated, but puts focus on the interplay of light and shadow together. For example: by using lights at the base to shine up a stone wall, the texture of the material will be accentuated to create a certain level of depth.

Work with layers

Depth and light texture are created by using different layers of light. Imagine you have a beautiful object in your garden that you would like to illuminate. While setting up the lighting from different angles, the object will be the eye catcher of your garden, instead of the lighting itself. This creates a unique effect that won't interfere with the visual strength of the object. Furthermore, you can add visual depth to the outdoor area by correctly positioning your outdoor lighting. We often see that only the façade or terrace is illuminated and is creating a large black depth from the inside. You can easily resolve this side effect by illuminating a few trees/objects in the perimeter of your house. By doing this you will increase the outdoor space and the feeling of safety around your house.

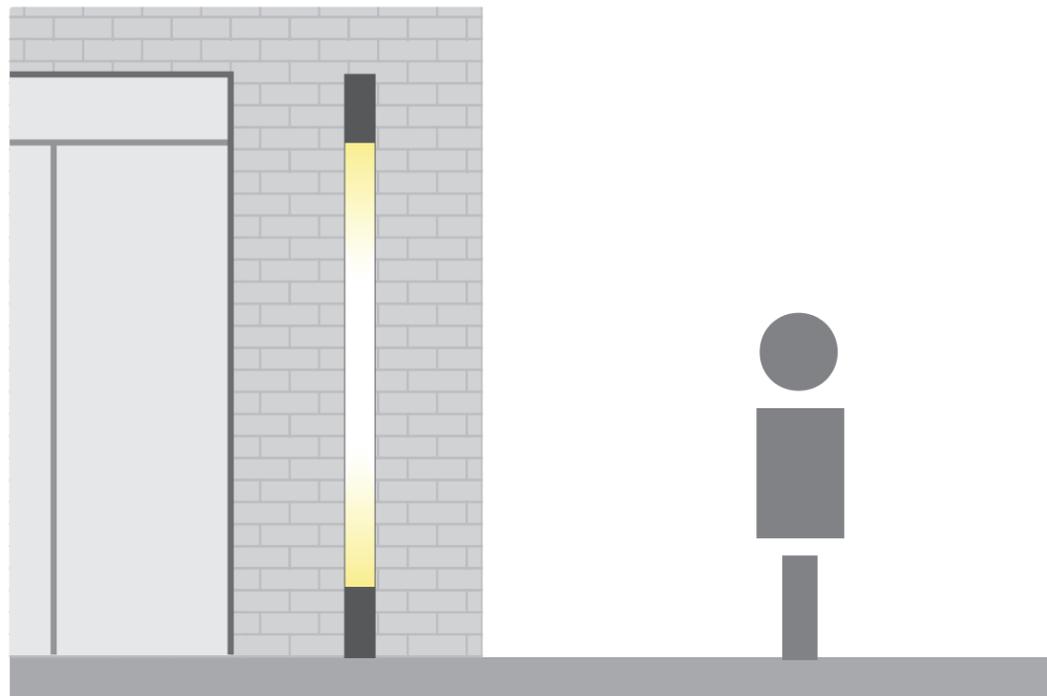
Choose quality

It may seem commonplace, but it's better to choose high-quality material. In the long run, this will be more beneficial than opting for cheaper alternatives that will decay faster over time. Moreover, qualitative lighting is often more economical due to the choice of materials and type of luminaires that are used.



kreon dolma creates a sensuous luminous recess in vertical surfaces and provides ambient and placement lighting. This is achieved by the discrete concealment of LED sources behind flat panels that drift light along the linear profile reflector, tailor made to suit the application.

- **type:** recessed wall profile
- **features:** made to measure, fully pre-assembled, IP40
- **finishing:** natural or black anodized
- **fixture lumen:** 204lm
- **optical:** vertical light beacon with fading light effect
- **optional:** ON/OFF, 1-10V dim or DALI dim



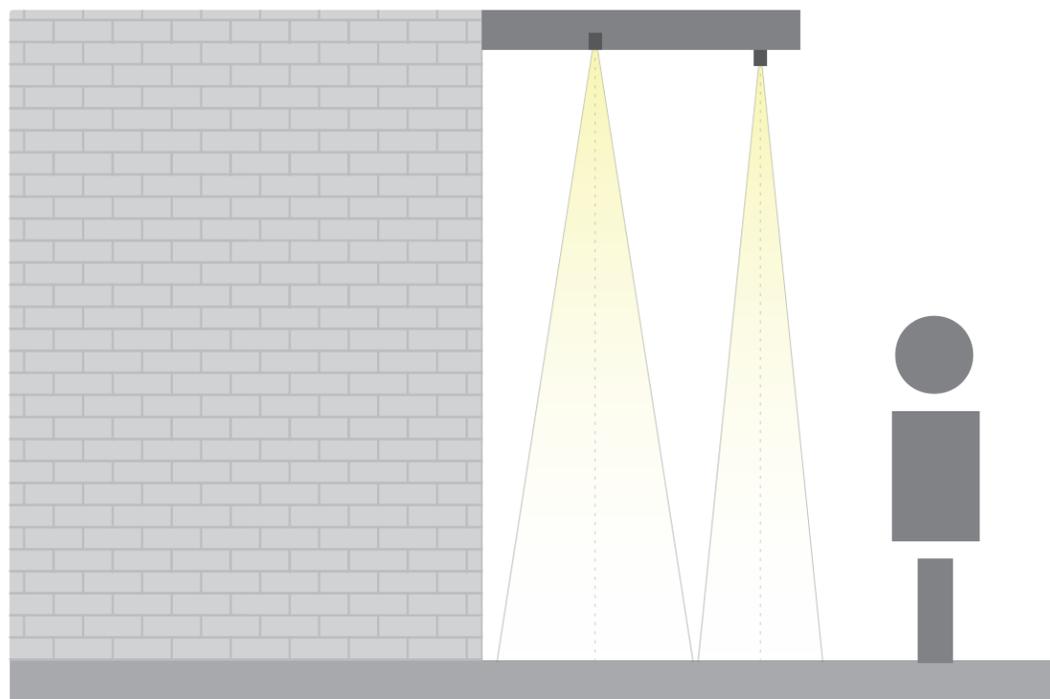




Continuous linear light is an essential tool for architects and lighting designers. The kreon lini range provides solutions for all kinds of applications.

The slim kreon lini 10 with a recessed silicone diffuser produces a sustained soft light distribution and can be used as a graphic play of light or guide light.

- **type:** surface or recessed mounted profile
- **features:** continuous dot-free linear light
- **finishing:** IP44, black or white profile
- **fixture lumen:** 716lm/m (profile); 928lm/m (cove)
- **optical:** diffused light

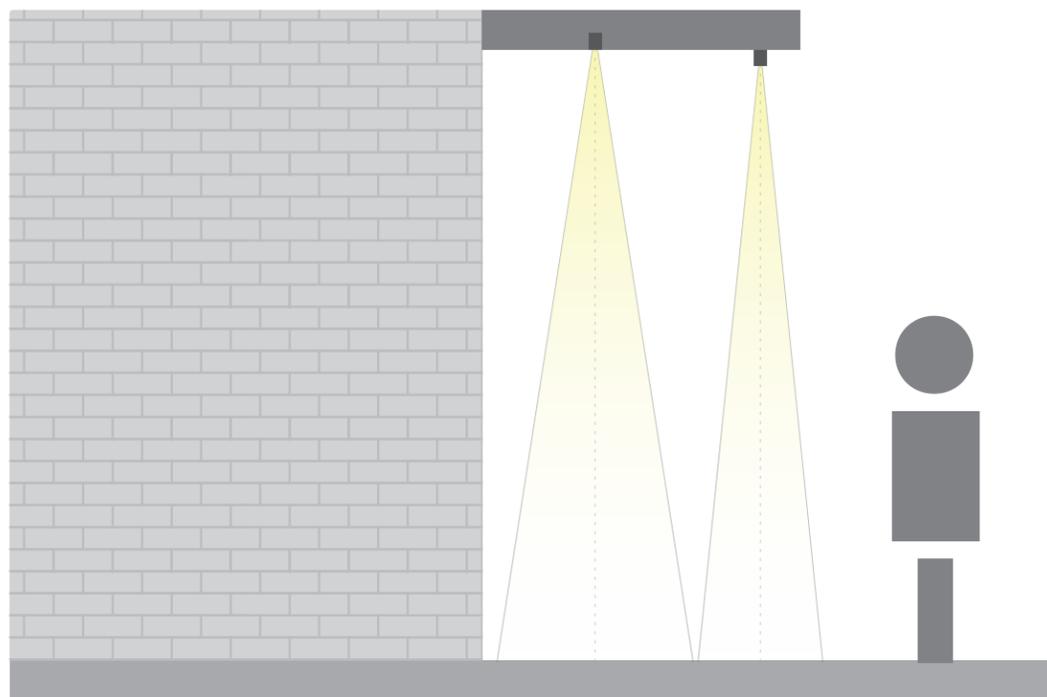


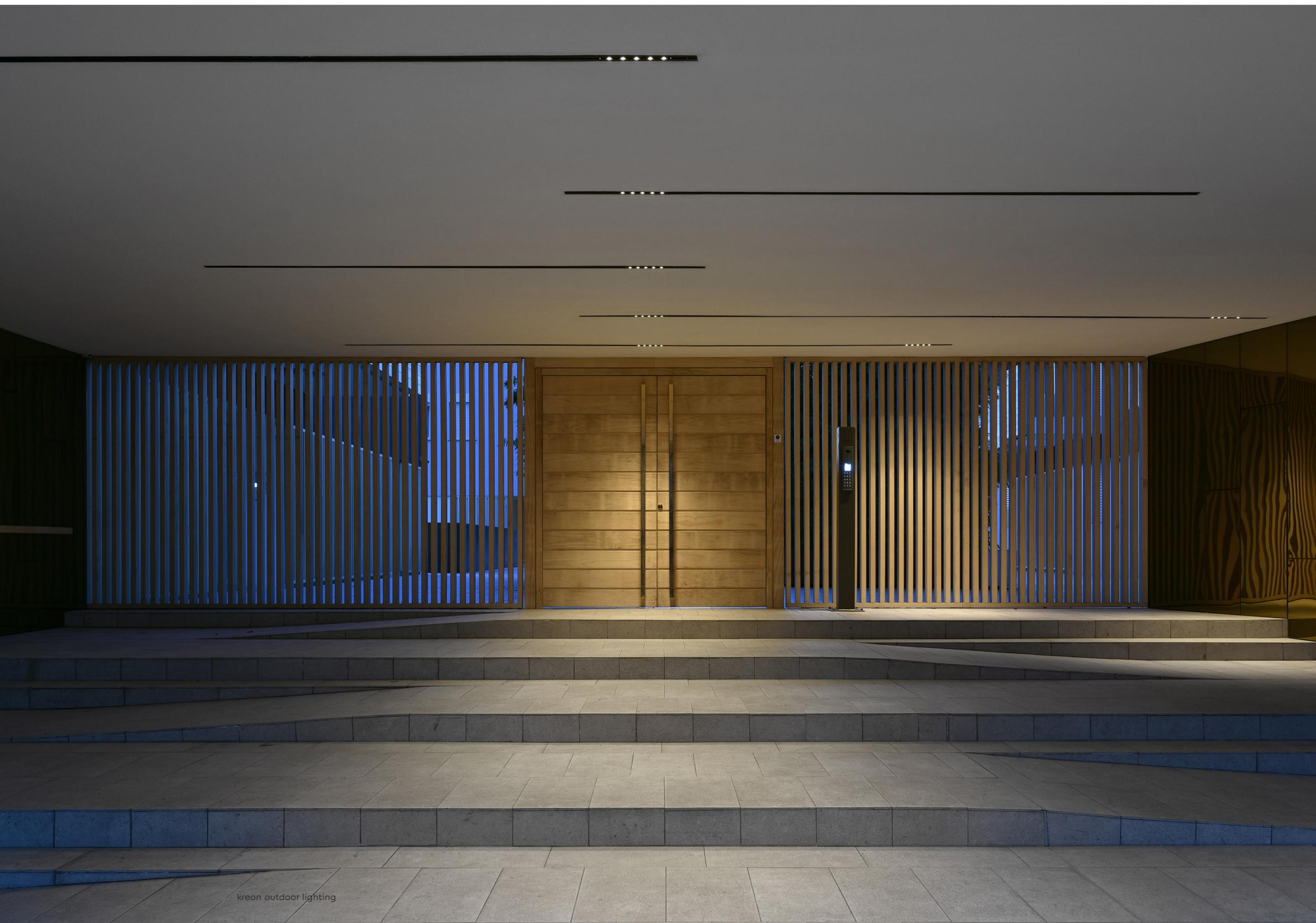


kreon nuit is an elementary designed beam that can be used as a massive line to bring graphical elements into architecture. The advanced LED system with slim TIR (Total Internal Reflector) lenses requires a slim gap of just 10mm to unfold a variety of beam angles in different colour temperatures.

kreon nuit is available as a recessed or surface mounted installation, making it a highly versatile and performing linear lighting system.

- **type:** surface or recessed profile
- **features:** glare free accent lighting
- **finishing:** black or white profile with IP44 coating
- **fixture lumen:** 558lm per module
- **optical:** TIR (Total Internal Reflection) lenses

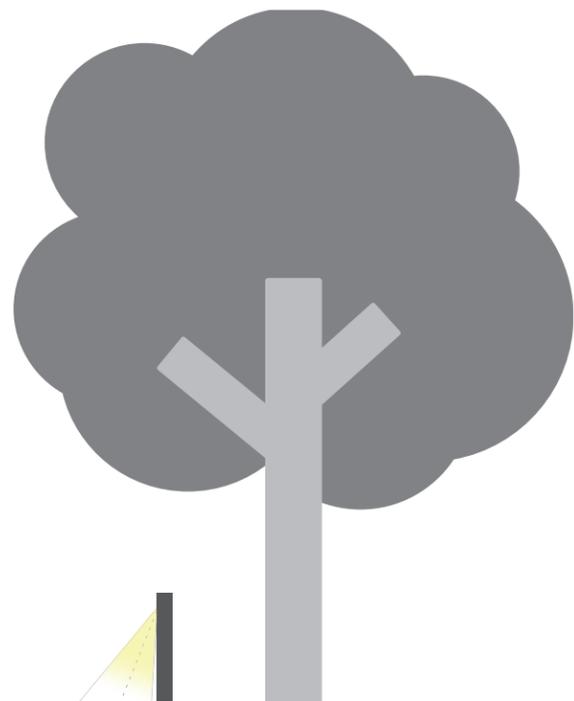




kreon raga is an exterior bollard luminaire with a simple, timeless form that is complimented by a choice of stone or steel material finishes that define its personality. The units are sealed to IP67 and are fitted with warm LEDs to provide an attractive surrounding glow.

kreon raga horizontal has a high efficient LED module with an asymmetric reflector which ensures that much more light is projected on the floor. This means kreon raga is not just an orientation light, but a high quality floor wash light. Sealants and weatherproof coatings protect kreon raga against acid rain and salt.

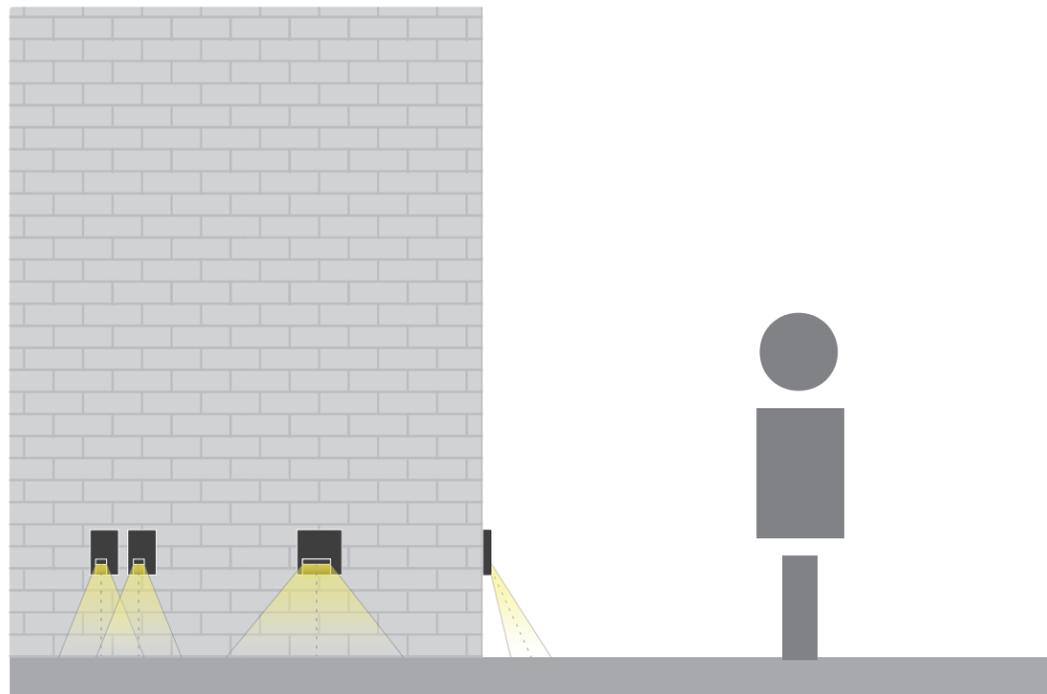
- **type:** bollard
- **features:** high efficient floor, horizontal pathway lighting
- **finishing:** IP67, Carrara bianco, nero marquina marble or black metal in high gloss black, brushed stainless steel or brushed red copper frame
- **fixture lumen:** 685lm
- **optical:** multi facet optics for asymmetric light distribution
- **optional:** concrete anchor or floor anchor





kreon rokko is a semi-recessed wall luminaire that requires minimal installation depth. kreon rokko produces a soft gradient light and is ideal for pathway and orientation lighting. Whether used indoors or outdoors kreon rokko can generate a formal continuity in architecture from the interior to the exterior.

- **type:** semi-recessed guide light
- **features:** square (gear incl.) or rectangular (gear incl. or excl.)
- **finishing:** IP65, black or white
- **fixture lumen:** 72lm (mini); 226lm (mini square)
- **optical:** glare free, indirect side light
- **optional:** installation set & concrete pouring moulds





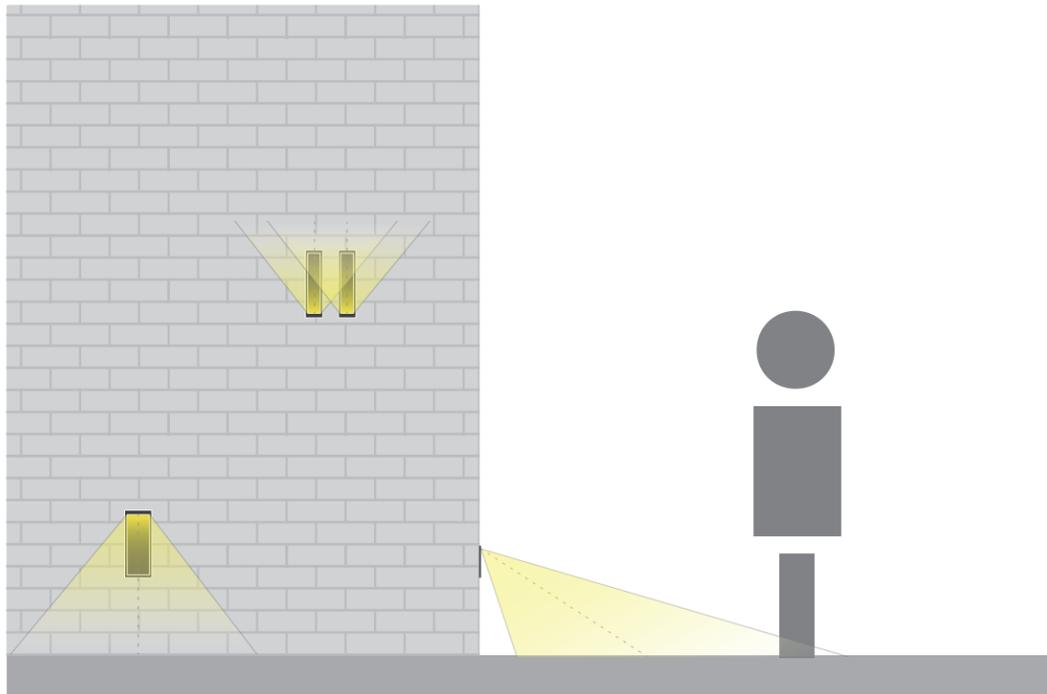
kreon side & side in-line

The kreon side and kreon side in-line concept originated from the need to provide ambient and placement lighting from within vertical surfaces.

The faceted reflectors ensure a uniform asymmetrical beam without sharp edges or hotspots. They also provide a wash of light that can provide orientation through spaces.

kreon side for outdoor use, available in widths of 40 and 80mm, can be merged perfectly into the architecture and combined with other kreon luminaires.

- **type:** outdoor recessed mounted orientation light
- **features:** ambient and placement lighting
- **finishing:** IP55, white or black louvre, back plate in various materials
- **fixture lumen:** 242lm (size 40); 613lm (size 80)
- **optical:** uniform asymmetrical beam
- **optional:** interchangeable backplates, trim or trimless finish



kreon up is a range of IP67 rated luminaires characterised by its minimal appearance and optical functionality. The range is offered in three sizes in square or circular, is finished with black or white backed toughened glass with a satin stainless steel trim. LED modules are deep-set within the luminaires and are controlled by a choice of anti-glare louvres for precise uplighting; brightness limiting diffuser for ambient or orientation lighting; wallwash optic for vertical luminance. kreon up 40 is also available as a surface mounted fixed downlight.

- **type:** recessed and surface mounted, round or square
- **features:** 3 sizes, two shapes
- **finishing:** IP67, marine grade steel housing, black or white toughened glass
- **fixture lumen:** up to 149lm (size 40); up to 341lm (up80); up to 1099lm (size 165)
- **optical:** symmetrical spot or flood & asymmetrical wall-washer
- **optional:** matchbox for installation in poured concrete







kreon up in-line is a range of floor recessed up lighters characterised by its minimal appearance and optical functionality. The range offered in two sizes in both square and circular forms, is finished with black or white backed toughened glass. LED modules are deep-set within the luminaires and are controlled by a choice of anti-glare louvre for precise uplighting; brightness limiting diffuser for ambient or orientation lighting; and wallwash optic for vertical illuminance.

- **type:** recessed and surface mounted, round or square, trimless
- **features:** 2 sizes, two shapes
- **finishing:** IP67, marine grade steel housing, black or white toughened glass
- **fixture lumen:** up to 341lm (size 80); up to 1099lm (size 165)
- **optical:** symmetrical spot or flood & asymmetrical wall-washer
- **optional:** matchbox for installation in poured concrete





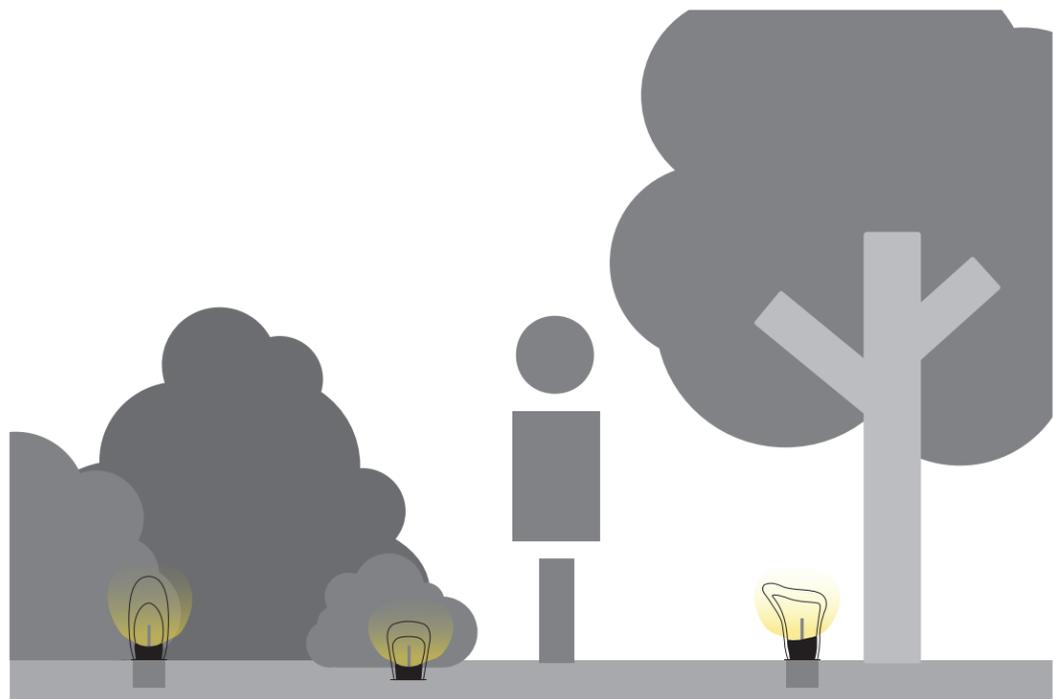
up in-line outdoor lighting



kreon up glass

The stunning design of kreon up 80 outdoor glass has been successfully created to marry the soft contours of the glass with a modified version of the existing kreon up 80 outdoor fixture. Light is elegantly distributed through the sculpted glass thanks to the crystal-clear, satined light guide at the top. The range consists of three different styles (circular stub, circular gherkin and circular free-form stub) that can either be combined or used individually. This sculpted yet simple play on form creates a bridge between art and design, between functionality and emotion.

- **type:** decorative in-ground beacon
- **features:** 3 different handblown organic glass shapes
- **finishing:** IP67, glass and marine grade steel housing
- **fixture lumen:** 152lm
- **optical:** frosted glass light pipe
- **optional:** matchbox for installation in poured concrete

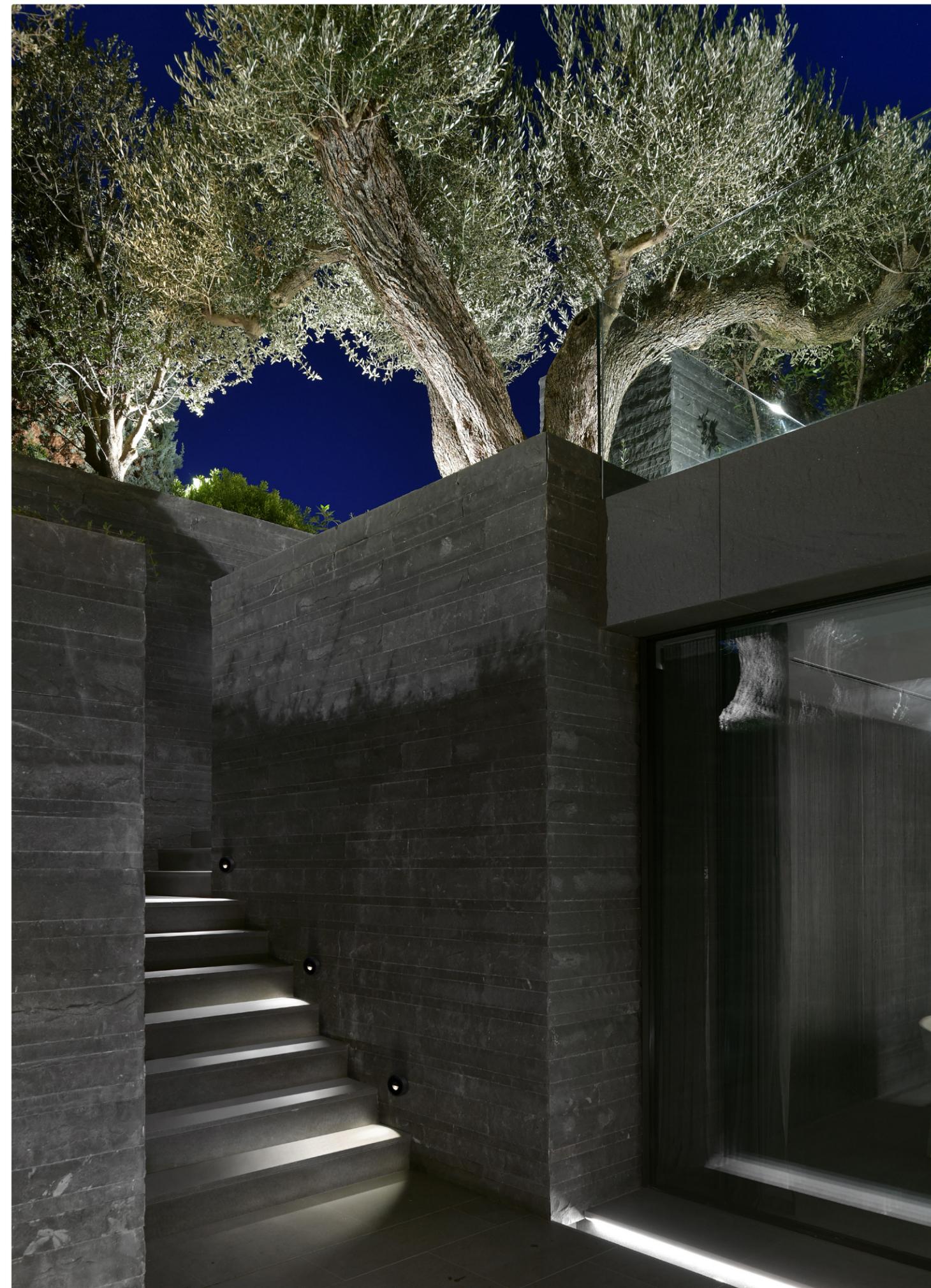
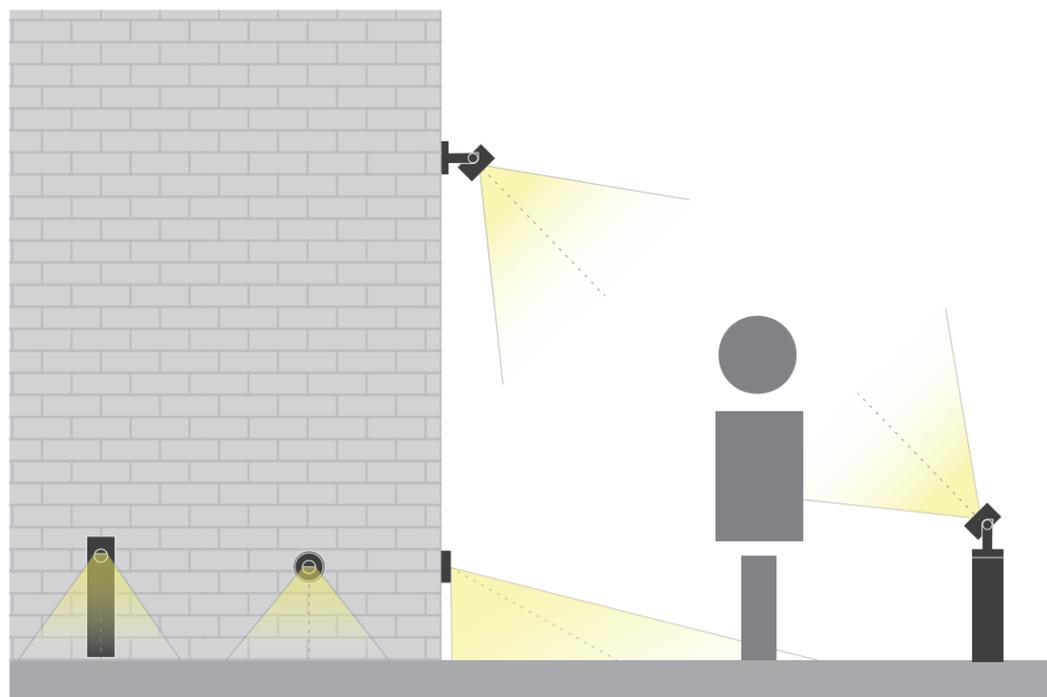




kreon wabi is an IP65 external spotlight. This compact luminaire is available with an LED light source, a 30° beam angle and a colour temperature of either 2700K or 3000K. kreon wabi comes as a single based or bollard mounted spotlight, as a fixed wall light or as a freestanding pathway pillar.

The spotlight luminaire head can be rotated 360° and tilted up to 90°. kreon wabi wall and kreon wabi pillar have a fixed asymmetrical beam suitable for guiding illumination.

- **type:** outdoor surface mounted projector light
- **features:** fully adjustable (360°/90°) and lockable
- **finishing:** IP65, black powdercoated
- **fixture lumen:** up to 770lm (wabi, gear excl.); 240lm (wabi wall)
- **optical:** flood (wabi); floorwasher (wabi wall)
- **optional:** ground pin or concrete anchor







kreon offices

kreon HQ

Industrieweg Noord 1152
3660 Oudsbergen
Belgium
T +32 89 81 97 80
belgium@kreon.com
www.kreon.com

kreon Austria

Kärntner Ring 4
1010 Vienna
Austria
T +43 1 715 44 25
austria@kreon.com

kreon China / The Belgian House

Changle Road Lane 672, No. 33,
Building No. 5,
Jingan, Shanghai
China
china@kreon.com
T +86 183 1711 3541

kreon France

5, rue d'Aboukir
75002 Paris
France
T +33 1 44 50 53 54
france@kreon.com

kreon Germany

Brühler Straße 11-13
50968 Cologne
Germany
Tel +49 221 937 22 0
germany@kreon.com

kreon Italy

Via V. Forcella 5
20144 Milano
Italy
T +39 02 89 42 08 46
italy@kreon.com

kreon Middle East & India

Dubai Airport Free Zone Area (DAFZA)
West Wing 6
Office 6 WA 634
P.O. Box 293889
Dubai
United Arab Emirates
T +971 56 705 2522
middle.east@kreon.com

kreon Inc.

North America & Canada
20 Murray Hill Parkway
Suite #180
East Rutherford NJ 07073
United States of America
+1 (201) 298-44 48
usa@kreon.com

kreon Poland

T +48 504 788 355
poland@kreon.com

kreon Scandinavia

T +45 (0)7137 0239
hassan.elhindi@kreon.com

kreon South East Asia

63a Club Street
Singapore 069 437
Singapore
T +65 62 22 33 93
singapore@kreon.com

kreon Spain & Portugal

Ángel Guimera 7-9 local C
Barcelona 08017
Spain
T +34 600 462 551
spain@kreon.com

kreon Switzerland

Neufeldweg 6
5103 Möriken
Switzerland
T +41 61 316 74 01
switzerland@kreon.com

kreon The Netherlands

Danzigerbocht 39
1013 AM Amsterdam
The Netherlands
T +31 6 52 391 680
the.netherlands@kreon.com

kreon Turkey

Sehit Murat Demirli Cad. Resadiye Yolu 76
Alemdag-Ümraniye 34794
Istanbul
Turkey
T +90 216 430 86 00
turkey@kreon.com

kreon UK

67 Maltings Place
169 Tower Bridge Road
London
SE1 3LJ
United Kingdom
T +44 (0)20 7740 2112
uk@kreon.com