

kreon inti



Henry van
de Velde
Awards

winner of the
Habitat Gold Award



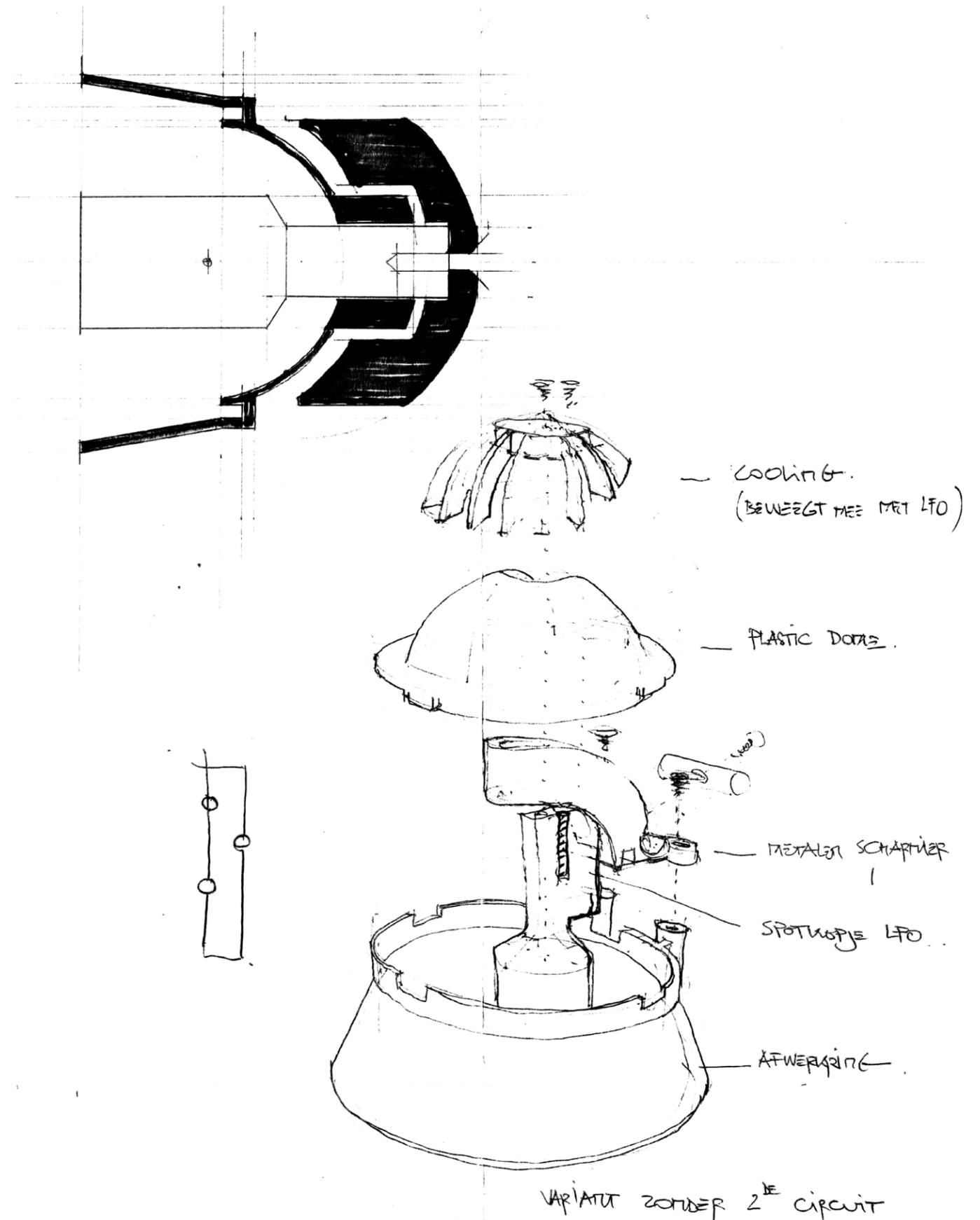
The new simplicity

kreon inti sets out to give the lighting designer a tool to create different atmospheres within the architecture with one single downlight without creating unnecessary "noise" within the space.

Two different light patterns are created from a single light point: directional point illumination and diffuse illumination. By combining the two opposing lighting effects in the same luminaire, kreon inti is a renewed choice for unity, regardless of the dual function.

kreon inti is the result of patiently building on a knowledge of lighting technology and carefully exploring the characteristic design of kreon: simplicity, clarity and unity.

This simplicity and uniformity are not the result of a formal frugality but are the concentration of complexity in one decisive part in which the high recess dome does not want to be merely transparent and neutral, but translucent and soothing thanks to its facets referring to 1950's glass design.



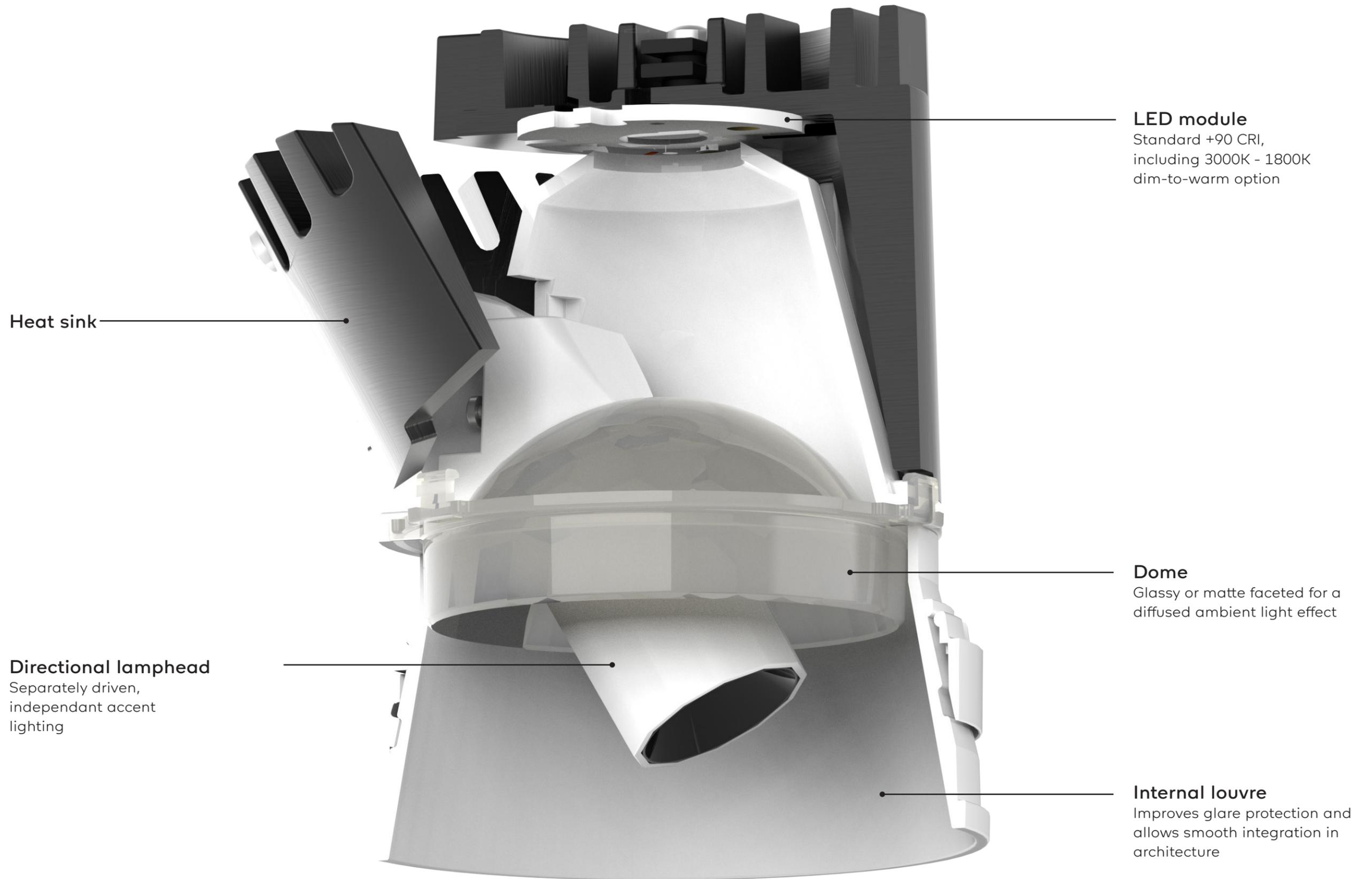
kreon inti is a fully recessed premium downlight with a refined patented* optical system. Its **matte dome** provides an equally beautifully diffused light effect, is less present and blends more with the architecture of the space; while the glassy dome is a shiny dome that makes kreon inti even more eye-catching and adds a slightly more luxurious and vintage touch.

kreon inti fixed downlight has a built-in dome set above the black or white internal louvre. The faceted dome adds a scattering play of brilliance and creates a first layer of ambiance.

kreon inti directional combines the dome effect of the downlight with a decentralized directional spotlight that has an angular adjustment of 30°. The diffused light from the dome neutralizes the shadow of the directional spotlight in the light effect. The directional light creates the second layer of focused light.

The unique combination of a diffused downlight with a directional projector make kreon inti a two-in-one recessed ceiling luminaire.





LED module
Standard +90 CRI,
including 3000K - 1800K
dim-to-warm option

Heat sink

Directional lamphead
Separately driven,
independant accent
lighting

Dome
Glassy or matte faceted for a
diffused ambient light effect

Internal louvre
Improves glare protection and
allows smooth integration in
architecture



Light quality

Downlight offers
diffused ambient light
Directional spot
offers focused light.
Great colour rendering and
colour consistency



Optical system

3 optics available for directional lamphead
(SP, DL, WDL)
2 optics for dome
(matt or glassy)
dim-to-warm option
(1800K–3000K)



Anti-glare

Glare free optic



Light distribution

Precise focused light
and ambient light



Applications

Residential
Hospitality
Shops



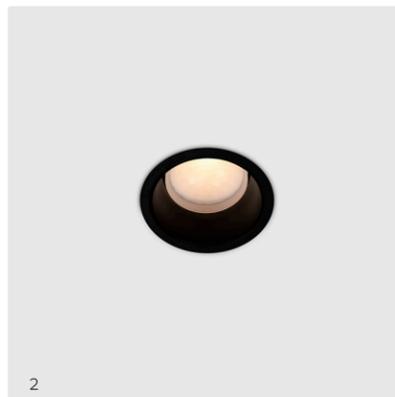
Colours

Black & white
other RAL colors
on request





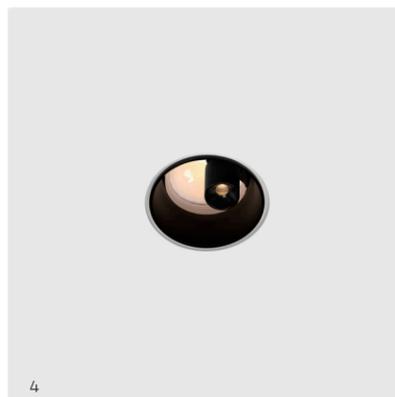
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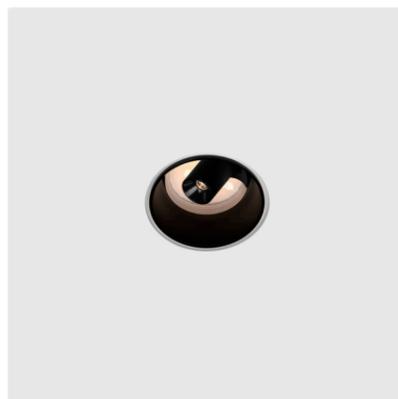
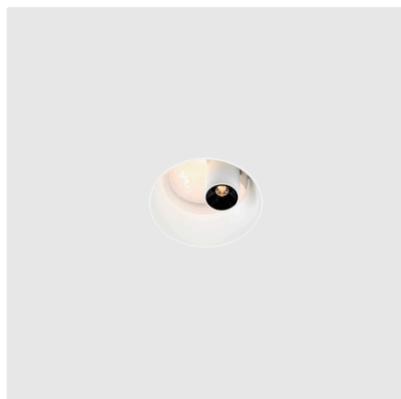
3



4

1. inti downlight inclined, trim, matte dome, white louvre
2. inti downlight inclined, trim, matte dome, black louvre
3. inti directional inclined, shadowgap, matte dome, white louvre
4. inti directional, trimless, matte dome, black louvre





1. inti downlight inclined, trim, glassy dome, white louvre
2. inti downlight inclined, trim, glassy dome, black louvre
3. inti directional inclined, shadowgap, glassy dome, white louvre
4. inti directional, trimless, glassy dome, black louvre





kreon inti

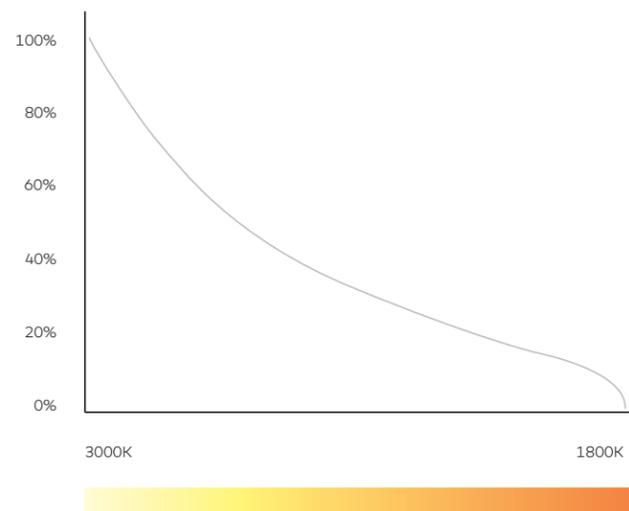
Dim-to-warm technology

kreon inti is available with dim-to-warm technology. This dim-to-warm technology allows kreon inti to dim down to a warmer colour temperature, allowing for the natural dimming of warm white light. Which makes kreon inti an ideal tool for homes, hotels and restaurants.

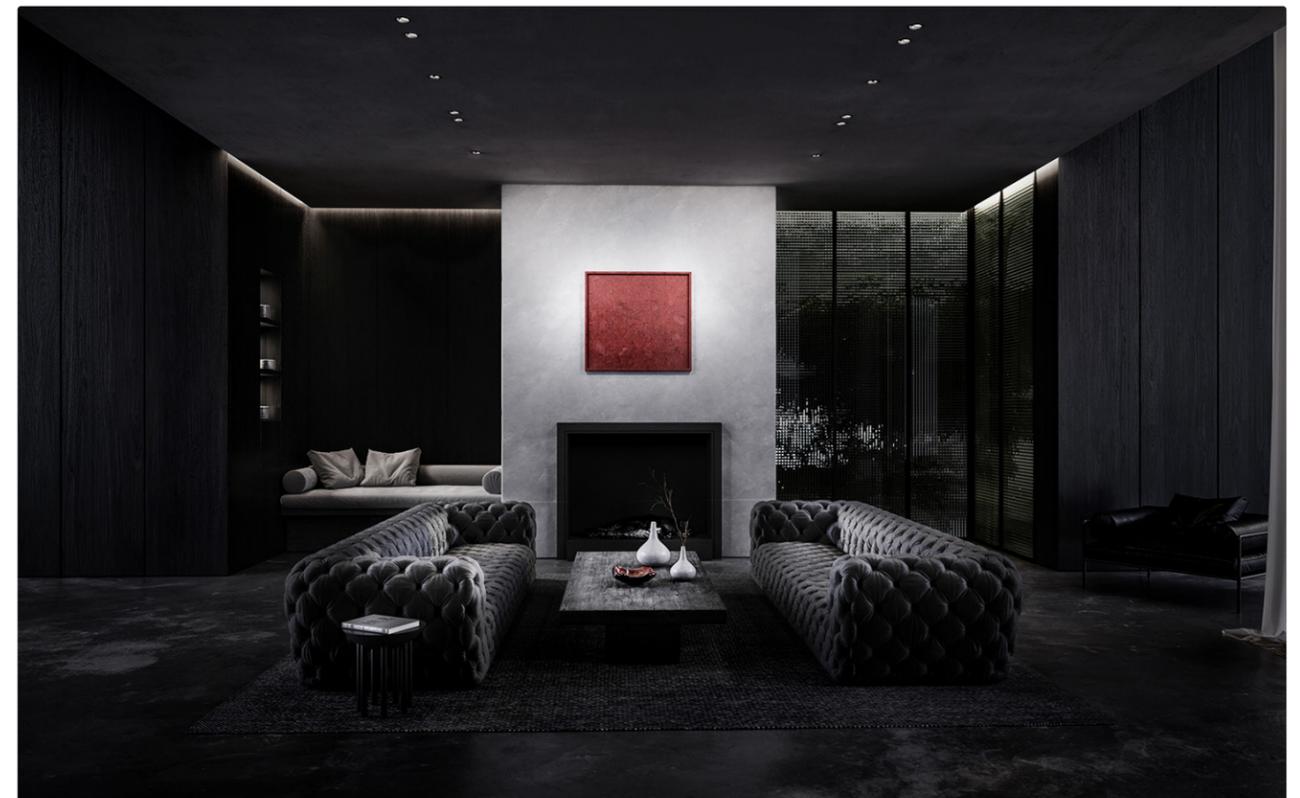
By allowing easy transitions between warm colour temperatures, the technology lets rooms adjust the look and mood of its space, at any time.

Dim-to-warm uses a predefined dimming curve to simulate the natural dimming of an incandescent lamp.

The technology requires no additional programming and allows to use standard dimming systems as 0/1-10V and DALI to provide sophisticated control and smooth, natural dimming.



directional spot 100% + dim-to-warm 30%



directional spot 100% + dim-to-warm 100%



downlight

- 637lm - 12,6W
- diffuse light that brings atmosphere



downlight + spot 20°

- downlight: 576lm or 400lm (DTW) - 12,6W
- spot 100lm - 1W
- the spot puts the focus on individual objects with a narrow light distribution of 20 degrees



downlight + darklight 33°

- downlight: 576lm or 400lm (DTW) - 12,6W
- darklight: 250lm - 4W
- wide light distribution for homogeneous lighting
- ideal tool for shelf lighting



wide darklight 56°

- downlight: 576lm or 400lm (DTW) - 12,6W
- darklight: 250lm - 4W
- uniform light distribution on vertical surfaces
- generates a contemplative atmosphere and gives a space a broader impression
- create light effect comparable to diffused daylight

The directional spot and the dome can be switched separately or together.



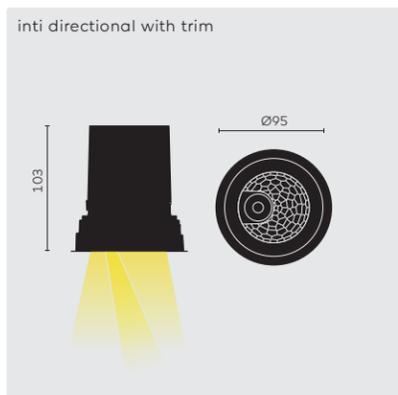
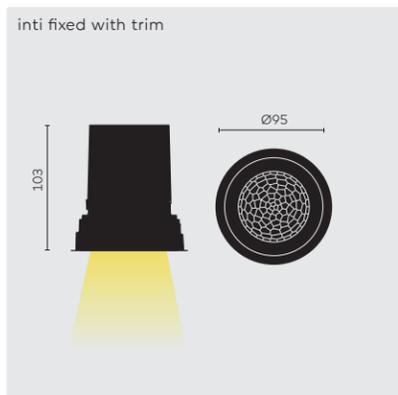
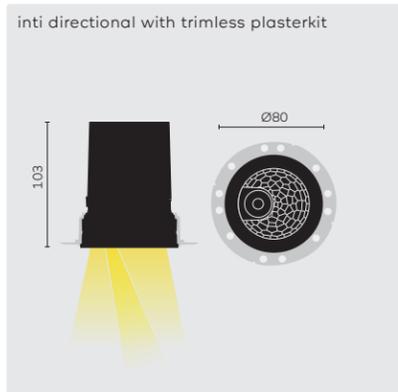
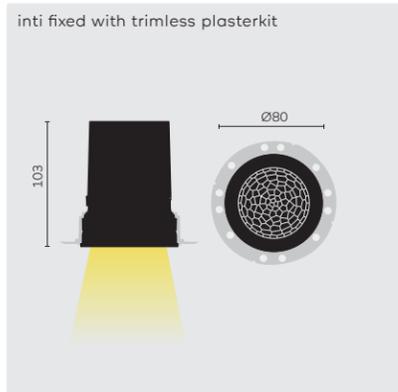
spot 20° without downlight



darklight 33° without downlight



wide darklight 56° without downlight



| | Colour | KR-code | Light sources | 9027 2700K, CRI90+ | 9030 3000K, CRI90+ | SP spot (20°) | DL dark light (33°) | MDL wide dark light (56°) | D1 dome, glossy | D3 dome, matt | Required accessories | Optional accessories |
|--|--------|----------|---------------|-----------------------|-----------------------|------------------|------------------------|------------------------------|--------------------|------------------|----------------------|----------------------|
| inti 80 fixed Gear: excl., IP44 | ○ | KR997111 | ① | ● | ● | | | | ● | ● | ■ | ■ |
| | ● | KR997112 | ① | ● | ● | | | | ● | ● | ■ | ■ |
| inti 80 fixed dim-to-warm (3000K to 1800K) Gear: excl., IP44 | ○ | KR997611 | ② | | | | | | ● | ● | ■ | ■ |
| | ● | KR997612 | ② | | | | | | ● | ● | ■ | ■ |
| inti 80 directional Gear: excl., IP40 | ○ | KR997121 | ③ | ● | ● | ● | ● | ● | ● | ● | ■ | ■ |
| | ● | KR997122 | ③ | ● | ● | ● | ● | ● | ● | ● | ■ | ■ |
| inti 80 directional dim-to-warm (3000K to 1800K) Gear: excl., IP40 | ○ | KR997621 | ④ | ● | ● | ● | ● | ● | ● | ● | ■ | ■ |
| | ● | KR997622 | ④ | ● | ● | ● | ● | ● | ● | ● | ■ | ■ |

■ Required accessories

| | | | |
|---------------------|---|----------|---|
| plasterkit | ○ | KR717104 | Plasterkit, no shadowgap, trimless finishing Ø 102 D 110 |
| | ● | KR717108 | Plasterkit, with shadowgap, trimless finishing Ø 102 D 110 |
| installation kit | ○ | KR717021 | Installation kit with trim, white Ø 90 D 110 |
| | ● | KR717022 | Installation kit with trim, black Ø 90 D 110 |
| Plasterkit concrete | | KR717101 | Plasterkit for concrete installation, no shadowgap (430x430) |
| | | KR717102 | Plasterkit for concrete installation, no shadowgap, small (200x200) |
| | | KR717109 | Plasterkit for concrete installation, shadowgap (430x430) |
| | | KR717107 | Plasterkit for concrete installation, shadowgap, small (200x200) |

■ Optional accessories

| | | | |
|---|--|----------|--|
| Driver | | KR747064 | LED driver, 350mA, 19W, ON/OFF ① |
| | | KR739102 | LED driver, 350mA, 15W, 0/1-10V |
| | | KR747266 | LED driver, 350mA, 15W, DALI ① |
| | | KR747163 | LED driver, 350mA, 18W, 0-10V/1-10V, dim-to-warm ① |
| | | KR747267 | LED driver, 350mA, 17W, DALI, dim-to-warm |
| | | KR747966 | LED dual driver, 2x 350mA, 20W, DALI |
| | | KR772219 | LED driver, 350mA, 18,5W, Casambi |
| Distance ring (for plasterkit concrete) | | KR717307 | Distance ring 2mm (set of 5 pcs.) |
| | | KR717308 | Distance ring 3mm (set of 5 pcs.) |
| | | KR717309 | Distance ring 5mm (set of 5 pcs.) |

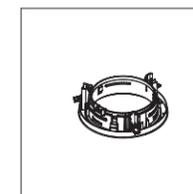
| | CRI | CCT | Wattage | Drive current | Fixture lumen |
|--------------------|--------|-------------|---------|---------------|---------------|
| ① LED dome | CRI90+ | 2700K/3000K | 12W | 350mA | 576lm |
| LED dir. 33° / 56° | | | 4W | | 250lm |
| 20° | | | 1W | | 100lm |
| ② LED dome | CRI90+ | 2700K/3000K | 12,6W | 350mA | 400lm |
| LED dir. 33° / 56° | | | 4W | | 250lm |
| 20° | | | 1W | | 100lm |

REMARKS

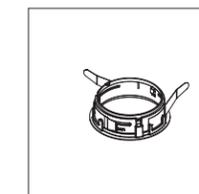
- ① Tool is for use with kreon inti 80 fixed. One per project is recommended.
- ② The dome and directional spot need to be driven separately
- ③ Driver suitable for directional spot and dome combined.
- ④ Driver suitable for directional spot.

Thickness boardmaterial: 9-26mm
Gear excluded
IP40 (fixed) - IP44 (directional)

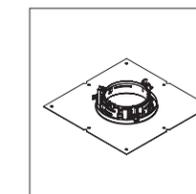
Plasterkit



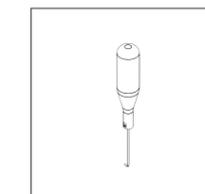
Installation kit



Plasterkit concrete



Removal tool







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