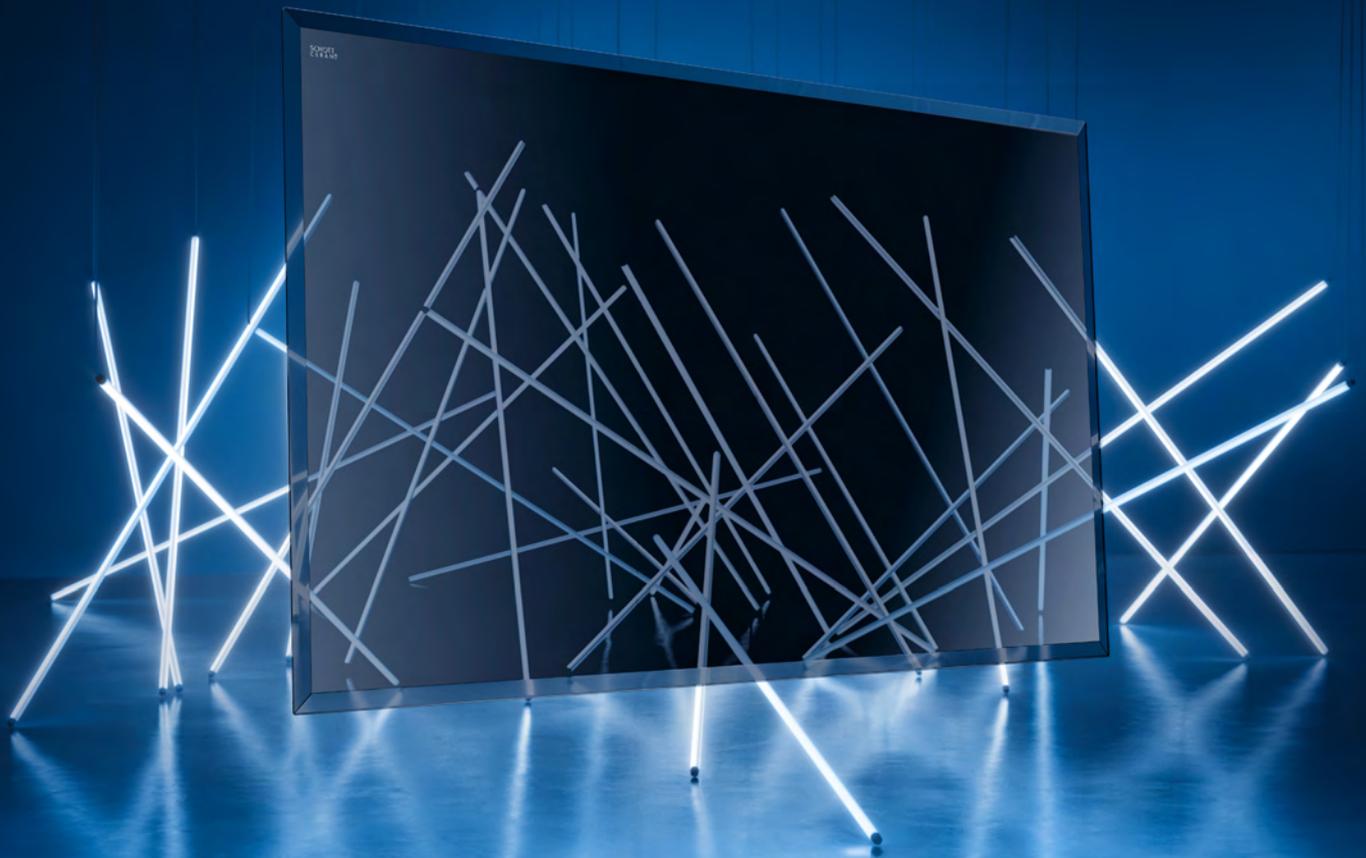


SCHOTT
CERAN®



CERAN EXCITE®

The **new joy** of cooking.



Light. It's been touching us since time began. Providing security and confidence, inspiration and enchantment. A source of life and vitality – it's an essential part of both our days and our nights. And now, more than ever, light is a symbol of a modern lifestyle that luminesces the way into the future.



Inspiring light solutions.



The kitchen of today is already a part of tomorrow thanks to innovative CERAN EXCITE® lighting solutions. We offer the industry a comprehensive lighting portfolio, packed with products and system solutions that open up completely new possibilities in usage concepts. With its unique deep-black appearance and state-of-the-art light transmission characteristics, we present to you the latest addition to our glass-ceramic portfolio: CERAN Luminoir™. A new dimension of experience starts here: True black. Bright light. Pure joy.

Our customers desire creative yet efficient ideas. The CERAN Luminoir™, alongside our other innovations, fulfills these desires. The result is awe-inspiring cooktop lighting solutions that are affordable for more and more end users. Whether functional elements, atmospheric accents, or groundbreaking user interfaces – CERAN EXCITE® solutions are easier to integrate, more diverse, and more exciting than ever before. Turning cooking into a visual event and simply making cooking more fun.

New materials



The four base materials make it possible to implement functional and aesthetical lighting options for cooktops – in combination with, and also entirely without, special coatings.

CERAN Luminoir™

This material, developed with a completely new formula, has a deep-black appearance and shows a perfect dead-front effect. At the same time, it also features a never-before-seen constant transmission over the entire spectrum of visible light. White light, for example, shines five times brighter than through conventional glass-ceramics. All this without any additional filters or coatings.

CERAN Luminoir™ S

Variant without nubs, with a smooth underside. Enables the integration of bright and clear light elements in the control panel and cooking zone area.

We invite you to experience more about SCHOTT CERAN Luminoir™ in a virtual showroom – focusing on technical details and all your advantages. Please click, log in and step into your experience.



CERAN HIGHTRANS® eco S

Material enables bright and clear red light elements in the cooking zone area. It has a smooth underside (no nubs). Offers new possibilities in user-experience, and supports aesthetic cooking functions.



CERAN CLEARTRANS® CLEAR luna black

Black cooktop panel based on transparent glass-ceramics. Small and multicolor high-resolution displays can be realized. Applying smart luna allows a premium dead-front effect in the user interface area.

World of Innovations



Smart coatings and solutions

CERAN® Opacifier Coating

A black light-blocking backside coating that prevents the visibility of heating elements and electronics inside the cooktop to intensify the dead-front effect in the on and off modes.

CERAN® Light Proof Coating

Light-blocking backside coating that enables light to form through fine printed spare-outs (Pure Light) for cooktop illumination. Ensures a dead-front effect in the off mode.

CERAN® Pure Light

Finely printed spare-outs for clear light contours (light forming) in the Light Proof Coating. Available for CERAN HIGHTRANS® eco S and CERAN Luminoir™ S.

CERAN® Diffusing Coating

A backside-coating that enables homogeneous light extraction for cooktop illumination. Available for CERAN HIGHTRANS® eco S and CERAN Luminoir™ S.



Your guiding light

“Light is the visual link between people and the cooktop. It transmits information, connects appliances to each other, and makes the cooking process more interactive, emotional, and intelligent.”

Dr. Jörn Besinger, Director Product Management & New Business Development Cooking

Light is becoming increasingly important in cooking. Especially for induction cooktops, where so far, there hasn't been much visual feedback. While light is both beautiful and puristic, its main purpose is guidance. Innovative technologies like monochrome or high-resolution TFT displays guide eyes and hands.

This means light can take over some of the necessary tasks in the heated area, making cooking more intuitive, smarter, and, above all, safer. With light-rimmed cooking zones offering more control and bringing the experience of cooking to life, cooking will never be the same again.



AESTHETICS

“ I value **exclusive** ambience.

My cooktop is the heart of the kitchen and should be a high-end appliance that satisfies our high visual demands.”



SENSUALITY

“ Cooking is my **passion**.

I originally began cooking with gas. That's why cooking for me has to be a sensual, elemental experience.”



HIGH-TECH

“ I'm a **tech** fan.

My induction cooktop isn't intelligent enough for me yet. I want it to be as full of innovative functions as a smartphone.”

FLEXIBILITY

“ I **love** to cook and do it a lot.

I want the flexibility to use many different pots at the same time when preparing several meals.”



SAFETY

“ I have a **family**.

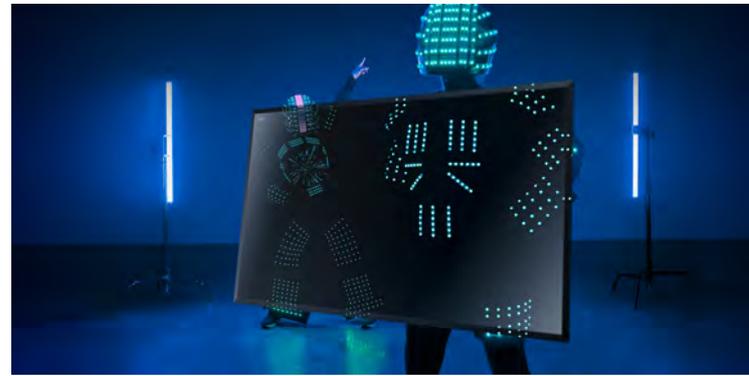
That's why it's important to me to know when the cooktop is hot.”



Benefits at a glance

CERAN EXCITE® lighting solutions enable home appliance makers to create exciting products that take kitchens a step further into the future.

- Bright and clear 7-segment displays
- Bright and clear multicolor light solutions in the cool zones, e.g. edge area of the cooktop
- Bright and clear multicolor light solutions in the cooking zone area



- Monochromatic TFT displays
- High-resolution TFT displays (only CERAN CLEARTRANS®)
- Strong partner: Customers can rely on our support in product development and application

Touch the future



CERAN Luminoir™:
Fewer layers, but more
light transmission.

“Less is more” has never been truer. Decoration is replaced by light, with more possibilities than ever before. With modern lighting solutions, the design of glass-ceramics can now be minimalistic and incredibly diverse at the same time.

This is especially true for CERAN Luminoir™. It's a perfect example of how with less effort, more people can enjoy creative lighting ideas. It doesn't require any additional coatings or filters, saving production efforts and materials while reducing complexity in development.

This is how CERAN Luminoir™ always creates new solutions for broader user groups and does so in a whole new dimension: from functional control elements, to atmospheric accents, to smart home concepts.



DESIGN
AWARD
2022



GOLD
AWARD
2019



AWE
AWARD

BEST
INNOVATION
AWARD
2021

SCHOTT CERAN® receives awards for its products time and time again. For example, the AWE Best Innovation Award 2021. Or the iF DESIGN AWARD, which is one of the most recognized in the world. In 2019, CERAN EXCITE® won gold in the category “Product / Kitchen”. In the same category, SCHOTT CERAN® was again successful in convincing the jury of renowned design experts in 2022: This time, the innovative CERAN Luminoir™ glass-ceramic was honored with an iF DESIGN AWARD.

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