SCHOTT NEXTREMA® 712-8 – opaque grey
Zero visible light and good heating performance

NEXTREMA® 712-8 blocks all visible light and still transmits in the infrared spectrum. Compared to common zero-light radiant heaters that use a metal surface, this material enables faster heat-up times.

Material benefits
• Opaque material that blocks all visible light
• Good transmission in the IR-B and IR-C range
• Easy cleaning due to robust, smooth surface

Overlay of NEXTREMA® transmission with heating element emission spectra

*Transmission graphs are based on data from individual measurements. Deviations may result from manufacturing process.

Material data sheets are available for download at:
www.schott.com/nextrema
SCHOTT NEXXTREMA® 712-8 – opaque grey
Appearance in combination with different heating elements

Short wave emitter

Carbon emitter

Medium wave emitter