

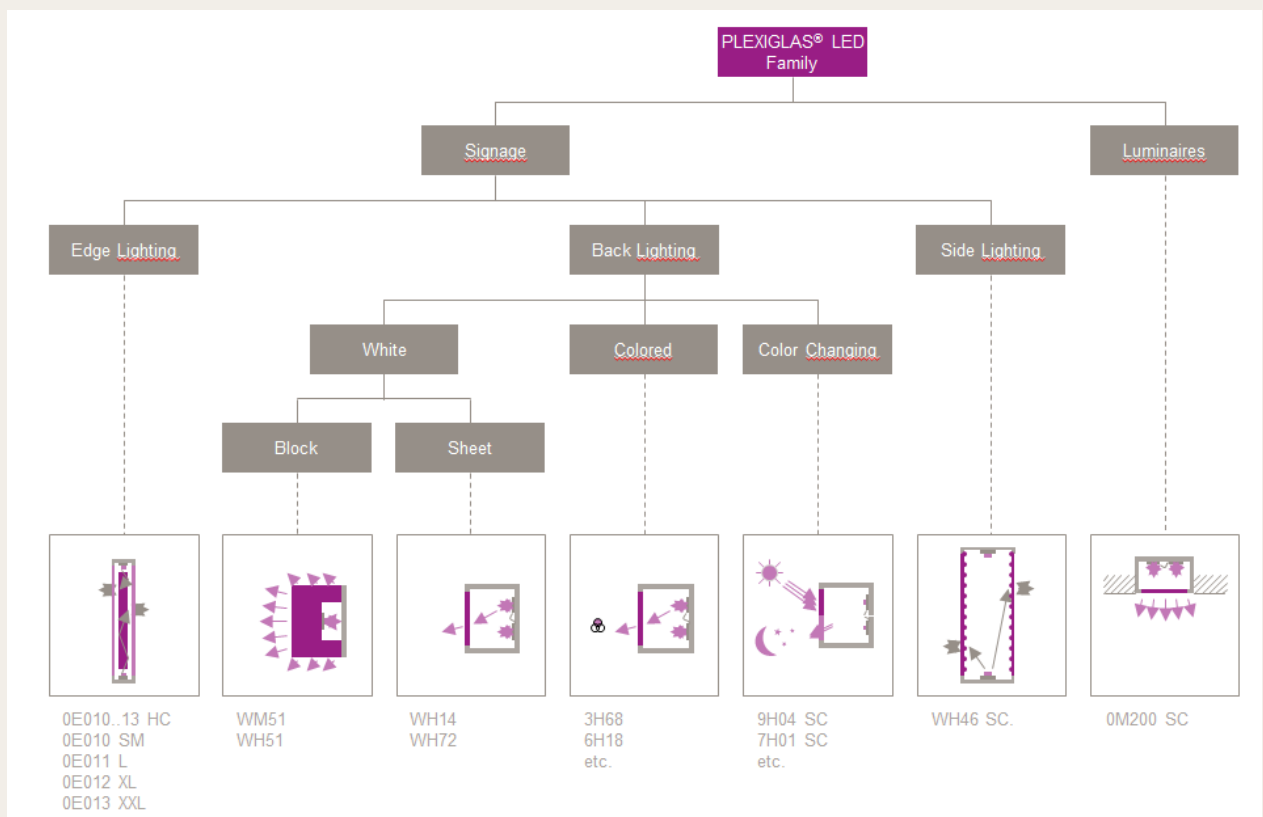
PLEXIGLAS® LED

Product Family – Overview

Product family

The PLEXIGLAS® LED product family contains all grades that take full advantage of the lighting benefits offered by LEDs. Versatile light-emitting diodes (LEDs) provide new options for lighting design combined with energy savings and low maintenance.

For further details, please consult the PLEXIGLAS® Sales Handbook and the data sheets on the individual grades.



Applications

The different materials were mainly developed for the following applications:

Light fixtures

- Backlighting with high light transmission and balanced light diffusion:
PLEXIGLAS® LED for light fixtures (Ref. No. 232–22)

Illuminated signs

- Edge lighting for ultra-slim luminous surfaces:
PLEXIGLAS® LED for edge lighting (Ref. No. 212–15)

- Direct backlighting with various effects:
PLEXIGLAS® LED for backlighting
 - White: Ref. No. 222–25
 - Colored: Ref. No. 222–26
 - Color-changing: Ref. No. 222–27
- Side lighting in light-box signs for optimized illumination using special LED modules:
PLEXIGLAS® LED for side lighting (Ref. No. 222–28)

These LED lighting techniques are of course also used for related applications, such as exhibition booths and store fixtures, as well as in other markets.

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Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment)

Evonik is a worldwide manufacturer of PMMA products sold under the PLEXIGLAS® trademark on the European, Asian, African and Australian continents and under the ACRYLITE® trademark in the Americas.

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