

*This document supports sales in assessing the chemical resistance of LED2WORK luminaires in food and hygienic environments.*

## INROLED 50 CleanPro – Ecolab Material Resistance

### Food & Hygienic Environments

#### Compatibility (Traffic Light Overview)

- **Alkaline Cleaning:** Topactive 200 – 2–5 %, 15 min, up to 50 °C
- **Acid Cleaning:** Topactive 500 – 2–5 %, 15 min, up to 50 °C
- **Disinfection (Peracetic Acid):** P3-topactive OKTO – 0.5–1 %, 10–30 min, up to 50 °C
- **Disinfection (Neutral):** P3-topax 990 – 1–3 %, 15–60 min, up to 50 °C

#### Simple Classification in Customer Discussions

- **Alkaline** = Strong grease remover / oven cleaner (production residues)
- **Acidic** = Descaler / bathroom cleaner (limescale & milkstone)
- **Peracetic acid** = Medical disinfectant / bleaching agent (contains H<sub>2</sub>O<sub>2</sub>, very aggressive)
- **Neutral** = Surface disinfection like in hospitals (frequent use)

#### Do & Donts in Customer Discussions

- Refer to the tested Ecolab products
- Follow specified concentrations and exposure times
- Recommend rinsing with potable water
- Contact LED2WORK if different chemicals are used
- Do not claim approval for other chemicals
- Do not promise higher temperatures or concentrations
- Do not recommend hot steam cleaning without verification
- Do not recommend mixing different cleaning agents

**Note ❶:** Material resistance applies exclusively to the tested media and specified operating conditions (concentration, time, temperature). Deviations must be tested separately.

**Note ❷:** Peracetic acid = a very potent disinfectant used in the food and medical technology industries (contains H<sub>2</sub>O<sub>2</sub>, acts as a bleaching agent, and can be highly corrosive to materials)