

# Luminaire cleaning instruction

Luminaires should normally be cleaned in connection with relamping. Reflective surfaces ought to be cleaned when dust and other grime is discovered.

## Notice:

Electrical components or cabling must not be exposed to cleaning agent or water. It is important to always disconnect the voltage before cleaning the luminaire body.

At the washing of specular surfaces (reflectors and louvres) the following should be taken under consideration to ensure a good result:

- Use clean cotton gloves when handling parts to be cleaned.
- A clean environment. This is to avoid contamination after washing.
- Use clean (not powdered) latex gloves to avoid fingerprints during washing.
- Rinse all surfaces with plenty of lukewarm water before cleaning to avoid scratches.
- Wash with a soft clean cleaning cloth, without micro fiber (micro fibers may in some cases cause scratches) or cotton cloth. Change the water and cloths often!
- Reflectors can be lightly wiped with cleaning leather, while louvres should be blown dry with compressed air.
- At self drying can (depending on water quality) drying spots occur. Tension funds should then be added in the rinsing water.
- There are a variety of detergents on the market that are suitable for use. Therefore, we can not provide a complete list.

	Normally fouled – cleaning approaches	Very fouled (oil, grease, fingerprints) – cleaning approaches	Drying approaches
<b>Bodies</b>			
Enamelled	• Vacuum with soft brush.	• Use detergent (without baste effect or abrasive effect) in lukewarm water. Clean with damp cleaning cloth.	• Wipe with a dry, soft and clean cleaning cloth or cotton cloth. • Let it dry by itself, at room temperature.
Aluzink	• Use neutral detergent in lukewarm water. Clean with damp cleaning cloth.		
Aluminium			
Brass	• Dust with a soft and clean cotton cloth.	• Use detergent (without baste effect or abrasive effect) in lukewarm water. Clean with damp cleaning cloth.	• Wipe with a dry, soft and clean cleaning cloth (without microfibre) with a gentle touch. • Let it dry by itself, at room temperature.
Copper	• Vacuum with soft brush.		
Chromium	• Blow dust off with compressed air.		
Burnished aluminium	• Use neutral detergent in lukewarm water. Clean with damp cleaning cloth.		
Natural copper	Natural copper oxidizes when aging. This creates a natural patina which shouldn't be polished. Natural copper is chemical resistant to detergents. Use lukewarm water and clean with damp cleaning cloth.		• Wipe with a dry, soft and clean cleaning cloth or cotton cloth. • Let it dry by itself.
ABS	• Vacuum with soft brush.	• Use detergent (without baste effect or abrasive effect) in lukewarm water. Clean with damp cleaning cloth.	• Wipe with soft, clean cleaning cloth (without microfibre) or cotton cloth with a gentle touch. • Let it dry by itself.
PC	• Blow dust off with compressed air.		
PMMA	• Use neutral detergent in lukewarm water. Clean with damp cleaning cloth.		
PP			
<b>Reflectors</b>			
Anodised aluminium, matt or specular.	• Blow dust off with compressed air.	• Rinse carefully with lukewarm water before cleaning. Use detergent (without baste effect or abrasive effect) in warm water (40-50°C). Clean gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Change water and cloth often. Rinse carefully with lukewarm water.	• Dry with compressed air. • Wipe with a dry, soft and clean cleaning cloth (without microfibre) with a gentle touch. • Let it dry by itself, at room temperature. (Note: After drying spots can occur, depending on water quality)
Metallized PC	• Rinse carefully with lukewarm water before cleaning. Use neutral detergent with pH 7 in lukewarm water. Clean gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Change water and cloth often. Rinse carefully with lukewarm water.		
Metallized			
<b>Louvres</b>			
Enamelled surfaces.	• Vacuum with soft brush.	• Rinse carefully with lukewarm water before cleaning. Use detergent (without baste effect or abrasive effect) in warm water (40-50°C). Clean gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Change water and cloth often. Rinse carefully with lukewarm water.	• Dry with compressed air. • Wipe with a dry, soft and clean cleaning cloth (without microfibre) with a gentle touch. • Let it dry by itself, at room temperature. (Note: After drying spots can occur, depending on water quality)
Anodised aluminium, matt or specular.	• Blow dust off with compressed air. • Rinse carefully with lukewarm water before cleaning. Use neutral detergent with pH 7 in lukewarm water. Clean gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Change water and cloth often. Rinse carefully with lukewarm water.		
<b>Plastic covers</b>			
PC	• Blow dust off with compressed air.	• Use neutral detergent (without baste effect or abrasive effect) in warm water, max 55°C. Wash gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Rinse with lukewarm water.	• Dry with compressed air. • Wipe with soft, clean cleaning cloth (without microfibre) or cotton cloth with a gentle touch. • Let it dry by itself, at room temperature.
PMMA	• Use neutral detergent in warm water, max 55°C. Wash gently with a soft and clean cleaning cloth (without microfibre) and plenty of water. Rinse with lukewarm water.		
PP			