



pure 2

**REFURBISHMENT
KIT**

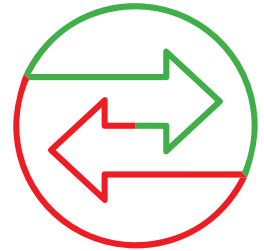
LIGHT MEETS SUSTAINABILITY

PURE 2 REFURBISHMENT KIT



Sustainability is a top priority at PLANLICHT. An LED refurbishment kit has been developed for the **pure 2 profile luminaire (direct)**, which has been used in many projects in the past with conventional fluorescent lamps and has now been replaced by the next generation - pure 3.

By replacing it with the LED retrofit luminaire insert including through-wiring and LED diffuser, pure 2 undergoes an upgrade in every respect: increased service life, optimised visual comfort, rising energy efficiency and falling energy costs.



ADVANTAGES OF UPGRADING TO LED



Increased service life

Additional applicability of the PLANLICHT guarantee 66 to the LED supports



Decreasing energy costs

Electricity cost savings



Optimised visual comfort & improved, homogeneous light pattern



Latest technology

- Conversion from tubular luminaires to LED for pure 2 in all mounting types
- New one-click Coex pure 2 cover



Increased energy efficiency

- Generation of the same amount of light with half the power consumption
- Various subsidies available (energy efficiency > 120 lumens/watt)



Reuse

- Reuse of the profile as well as the feed-in terminal with strain relief and earthing
- Existing blind cover can be reused with linear versions

THE SOLUTION OF PLANLICHT	Reduction of power consumption (W)*	Efficiency increase (lm/W)*	Electricity cost savings (per metre)**
pure 2 Refurbishment Kit high efficiency (FH/HE --> upgrade to LED LO)	43 - 51 %	65 - 109 %	49 %
pure 2 Refurbishment Kit high output (FQ/HO --> upgrade to LED HO)	39 - 55 %	85 - 146 %	55 %

FH = „Fluorescent High Efficiency“/HE = „High Efficiency“, FQ = „Fluorescent Quintron“/HO = „High Output“

* Depending on cover/optics

** Calculation based on the upgrade of a pure 2 profile luminaire with a 1,149mm long tube to LED (each with satin diffuser)

UPGRADE YOUR LUMINAIRE IN THREE STEPS

1. INVENTORY

Compile the information on the existing luminaire:

- Mounting type
- Diffuser/optics (satiné, microprismatic)
- Fluorescent tube type (FQ/FH)
- Length of existing luminaire

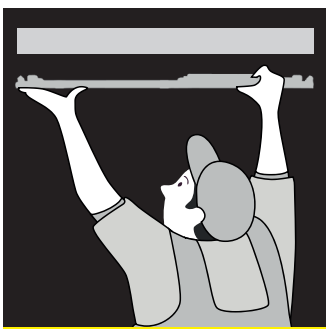
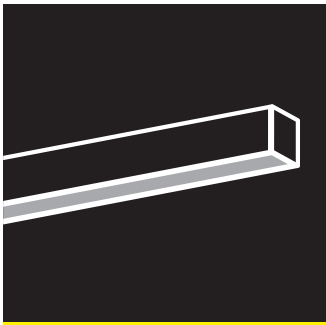
2. CONTACT & OFFER

Contact PLANLICHT and provide all information about your existing luminaire.

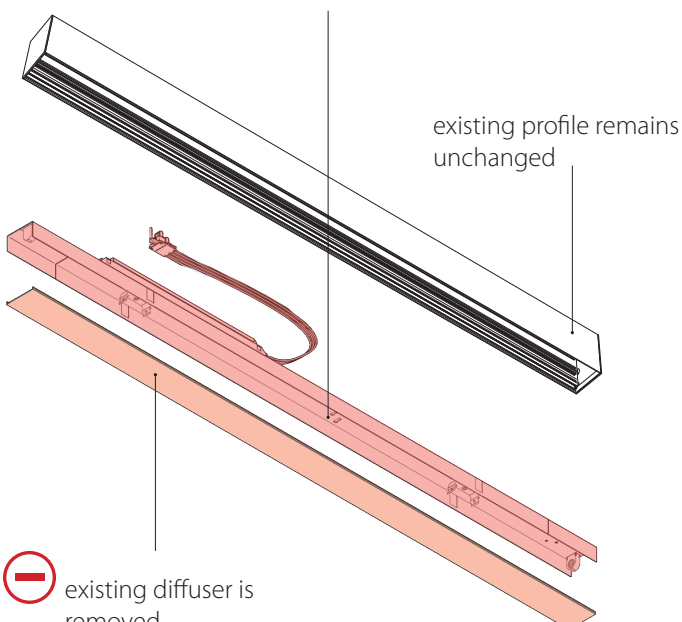
PLANLICHT will then prepare a quotation for the appropriate refurbishment kit for your existing luminaire.

3. DISASSEMBLY OR ASSEMBLY OF THE KIT

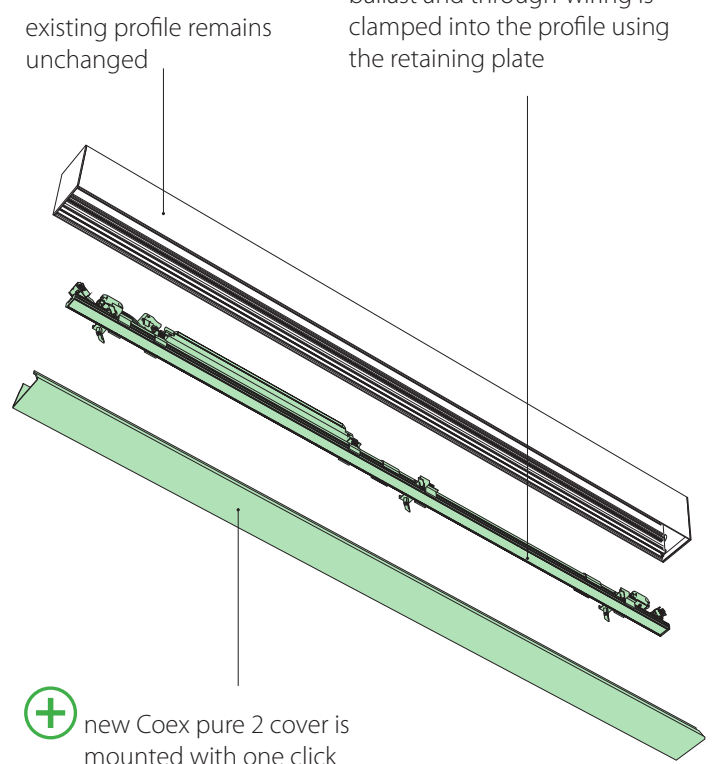
Once the refurbishment kit has been ordered and delivered, it can be dismantled or installed.



⊖ existing light insert for fluorescent tube with electronic ballast and through-wiring is removed



⊕ new light insert for conversion, including LED strip, electronic ballast and through-wiring is clamped into the profile using the retaining plate



BYE-BYE FLUORESCENT LAMP

Fluorescent and halogen lamps are on the brink of extinction: the RoHS Directive of the European Union (2011/65/EU) and the Ecodesign EU Regulation 2019/2020 ensure that no more lamps and tubes of this type can be sold in the near future.

LED lamps and luminaires are the perfect alternative and score points for their energy efficiency, long service life and resulting sustainability.

ALL DATES AT A GLANCE

Placing fluorescent lamps on the market will be banned in various phases during the year.



Phase 1
25.02.2023

- Ban on compact fluorescent lamps (with plug-in base, CFLni)
- Ban on ring-shaped fluorescent lamps (T5, T9)



Phase 2
25.08.2023

- Ban on linear fluorescent lamps (T5, T8)



Phase 3
01.09.2023

- Ban on high-voltage halogen pins (G9)
- Ban on low-voltage halogen pins (G4; GY6.35)

OFFER FROM PLANLICHT

With PLANLICHT, switching to LED lighting is no problem:

- **PURE 2 REFURBISHMENT KIT:** PLANLICHT offers a refurbishment kit for the pure 2 profile luminaire (direct).
- **LIGHT BULB REPLACEMENT | RETROFIT:** In the PLANLICHT catalogue „PLANTech Edition 2023“ (from page 84) you can find suitable LED retrofit bulbs.
- **CONVERTING TO LED LUMINAIRES:** All architectural lighting solutions & luminaires from PLANLICHT are based on state-of-the-art LED technologies. cosmo and leda from PLANLICHT, for example, are perfect replacements for downlights with a ceiling cut-out of Ø 200mm.



6134 Vomp, Austria, Au 25
Tel. +43-5242-71608, Fax +43-5242-71283
info@planlicht.com
WWW.PLANLICHT.COM

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