



R3

UNIQUE DESIGN

Due to its high degree of finish, R3 adds architectural value in applications such as offices, reception areas, showrooms and public spaces.

VISUAL COMFORT

The innovative Shielded Lens technology shields the LED light and prevents glare. With this, R3 also offers the necessary comfort in demanding applications.

LONG-TERM INVESTMENT

With R3 you invest wisely in LEDs with a long lifetime and high lumen maintenance. Thanks to the sophisticated light distribution, your rooms are lit with a minimum of luminaires.

WIDELY APPLICABLE

The series consists of surface-mounted luminaires (square & rectangular) and suspended luminaires (individual and in-line), with white or evaporated aluminium shielding units.

LIGHTING WITHOUT WORRIES

One technician can install the R3 quickly and easily, with a minimum of tools.



ORIGINAL CONCEPT

The R3 luminaires are characterized by the seamless rounded corners. Thanks to a specially developed tooling, the luminaires are formed in one piece, resulting in a unique design.

COMPACT DESIGN

Thanks to an intelligent design, the visible housing of the luminaires is only 20 mm high.

HIGH DEGREE OF FINISH

The range is available in white textured paint and white or evaporated aluminium shielding units that are seamlessly integrated into the housing.





EVEN IMAGE AND LOW GLARE

- Thanks to the innovative Shielded Lens technology, the LED light is shielded. This ensures an evenly calm image, even with versions with high luminous flux. This advantage is most noticeable with R3 luminaires with evaporated aluminium shielding units.
- The luminaires have a low glare level, versions with $UGR \leq 16$ are suitable for specific applications such as training rooms for technical drawing (schools) and spaces where reading and color tests are conducted (health care sector), versions with $UGR \leq 19$ are suitable for the lighting of offices and meeting rooms, schools, etc.

The lenses shield the LED light and determine the light distribution: medium wide beam or very wide beam.

Lengthwise shielding

Crosswise shielding

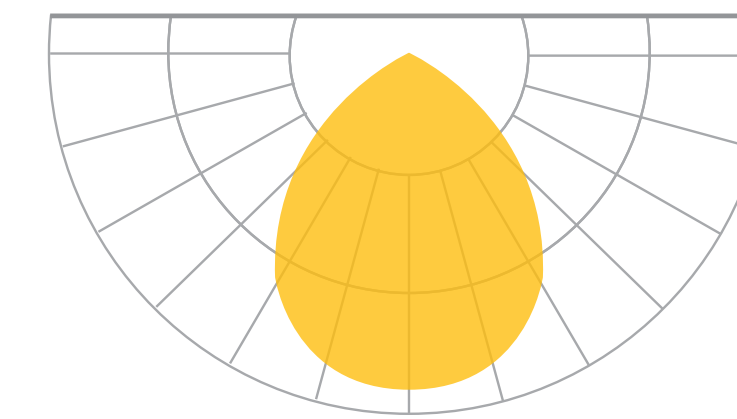


Lenses are recessed and are screened off by the shielded lenses.

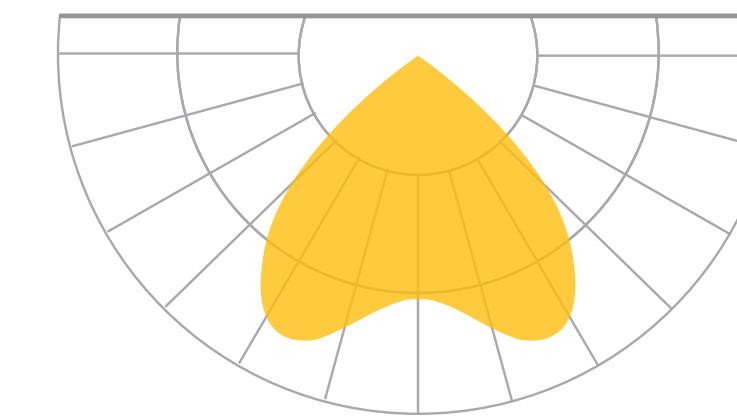
HIGHLY EFFICIENT AND COST SAVING

- Thanks to the use of high-quality LEDs, efficient lenses and an optimal thermal design, the luminaires have a high specific luminous flux that can even rise to 160 lm / W.
- Thanks to the wide choice of lumen packages (from 2150 to 5450 lumen) and the choice between medium wide-beam and very wide-beam light distribution, you can work out an optimum solution for every application with the R3 luminaires. In this way you keep both the investment cost and the energy consumption low.
- Due to the choice of the light source and the thermal design, the luminaires have a high maintenance factor. The LLMF of the R3 is still 98% after 50,000 hours.

SURFACE MOUNTED

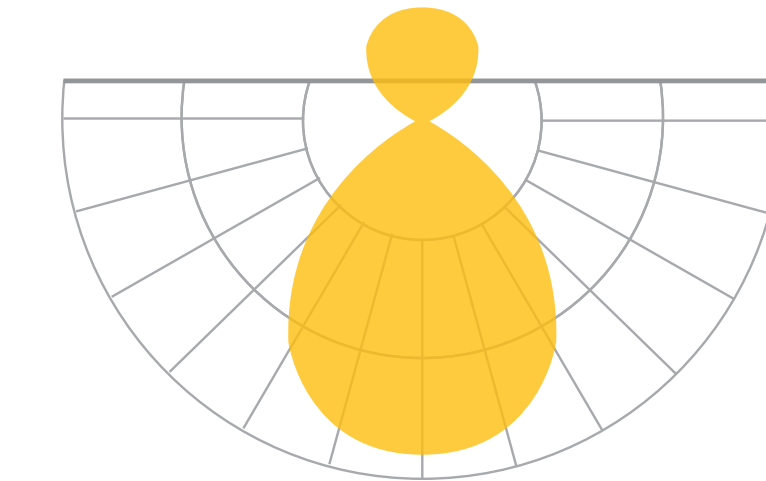


Medium wide-angle light distribution

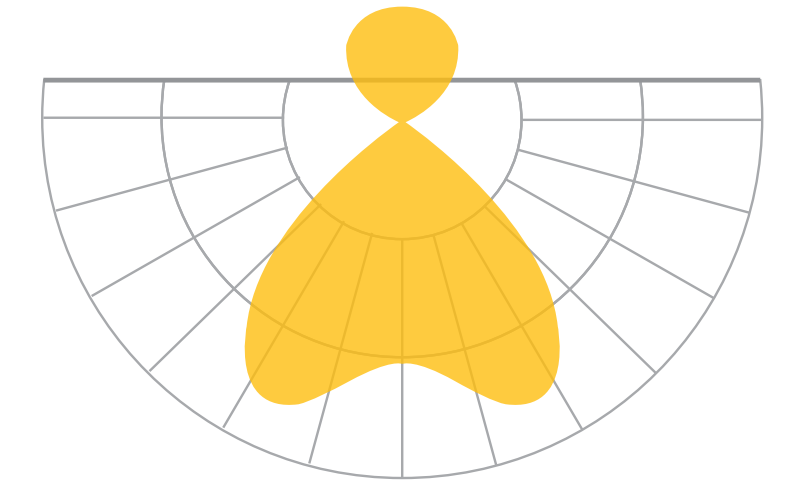


Wide-angle light distribution

SUSPENDED

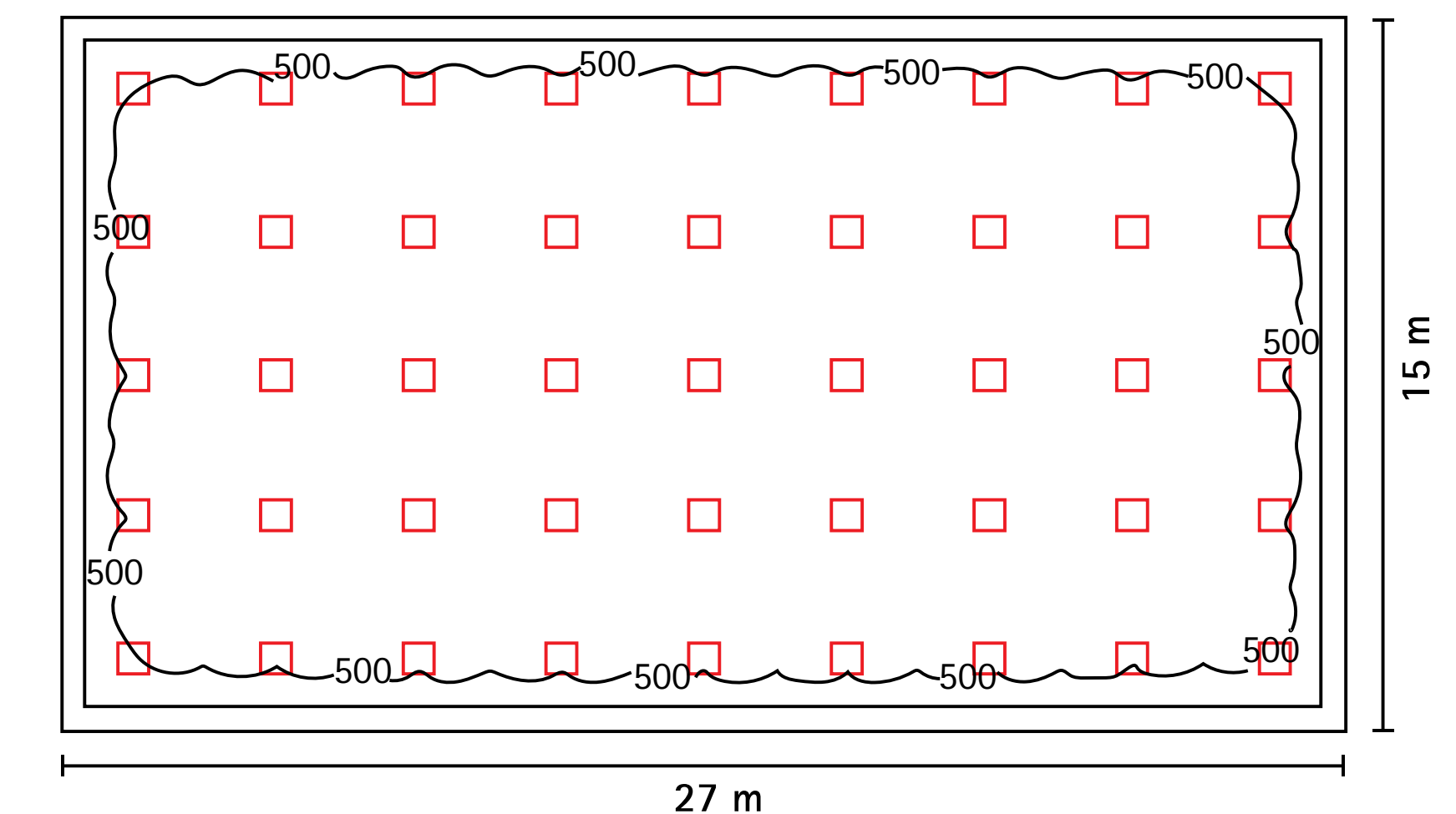


Medium wide-angle light distribution with uplight

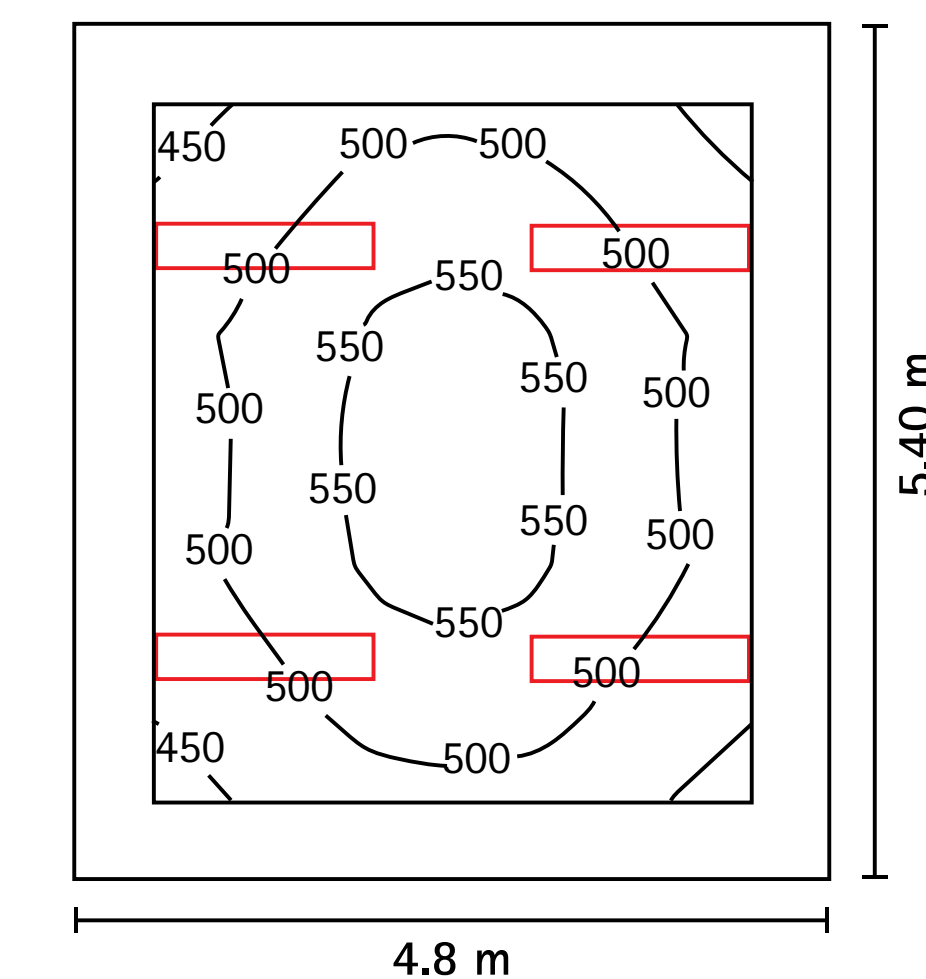


Wide-angle light distribution with uplight

In this 27 x 15 m open-plan office, 45 R3 luminaires are sufficient for an average illuminance of 535 lux. The specific power is only 0.64 W/m²/100 lux.



A small office, 5.4 x 4.8 m: 4 luminaires produce an average illuminance of 514 lux with a specific power of 0.84 W/m²/100 lux. Suspended R3 luminaires provide 30% uplight as standard: a balanced distribution between direct and indirect lighting.





AN EXTENSIVE RANGE: SURFACE MOUNTED LUMINAIRES

RECTANGULAR

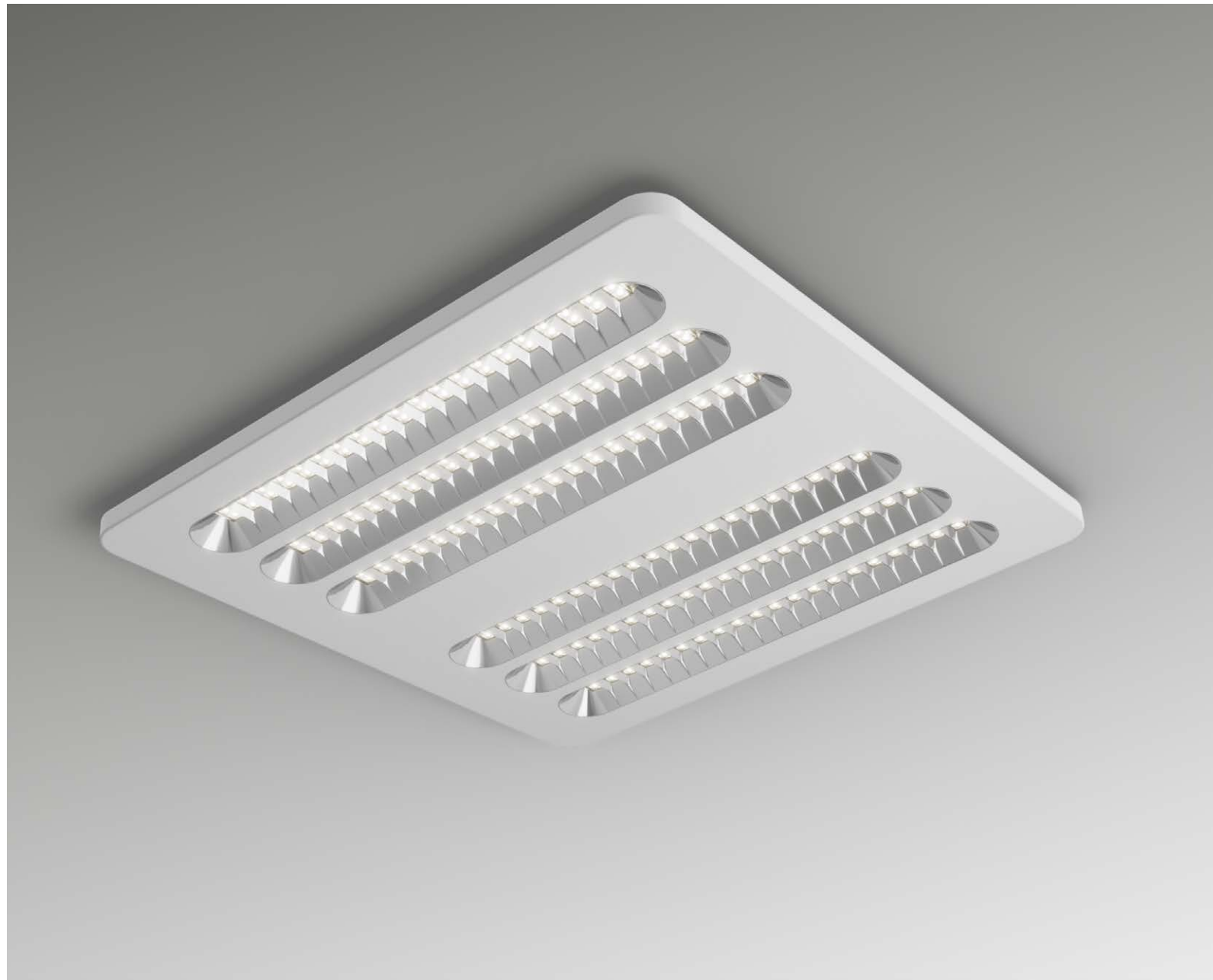


4 shielding units
Available in 2 different lumen packages

SQUARE



4 shielding units
Available in 2 different lumen packages



6 shielding units
Available in 1 lumen package

AN EXTENSIVE RANGE: SUSPENDED LUMINAIRES

INDIVIDUAL

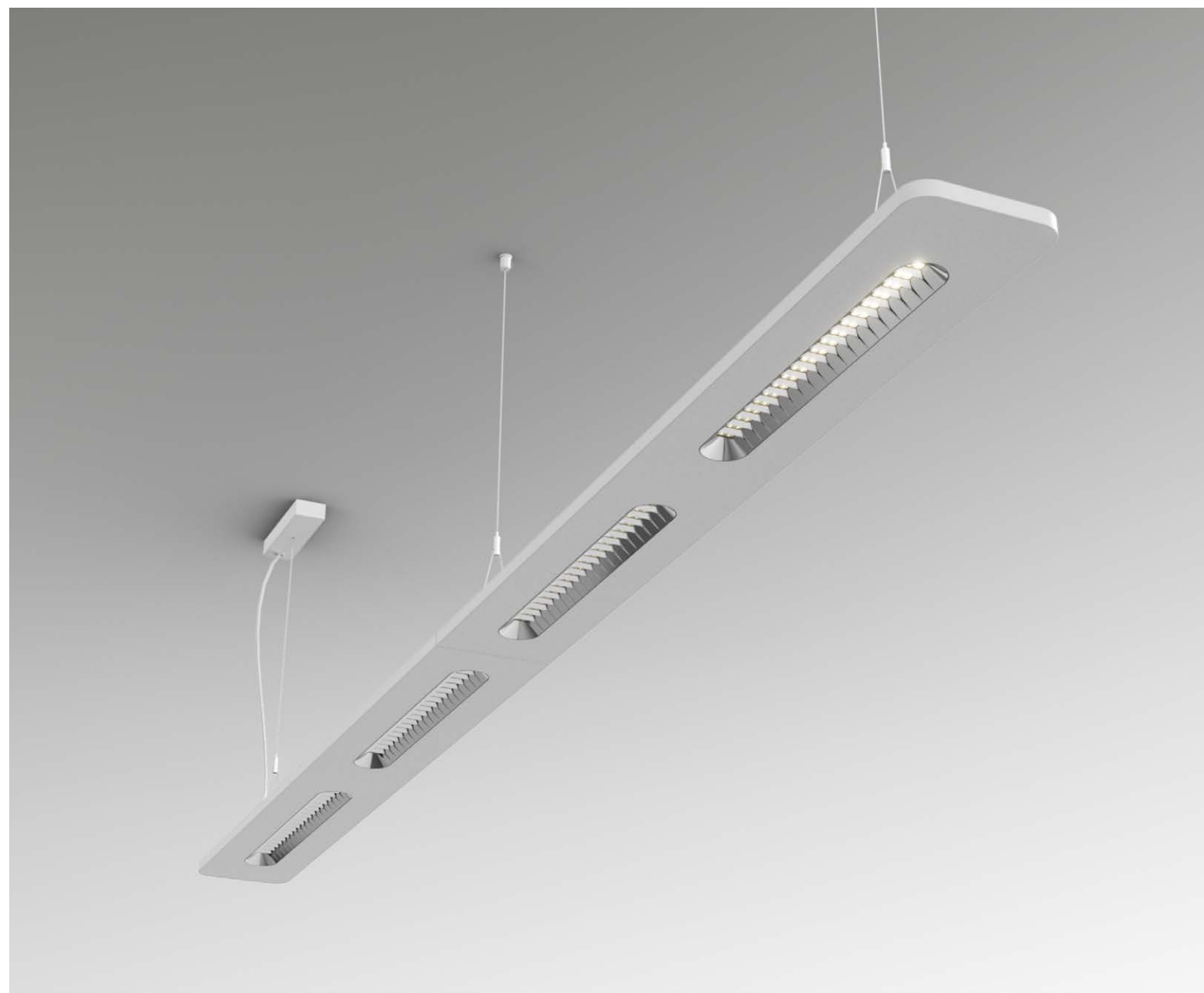


Rectangular - single row of shielding units
Available in 1 lumen package

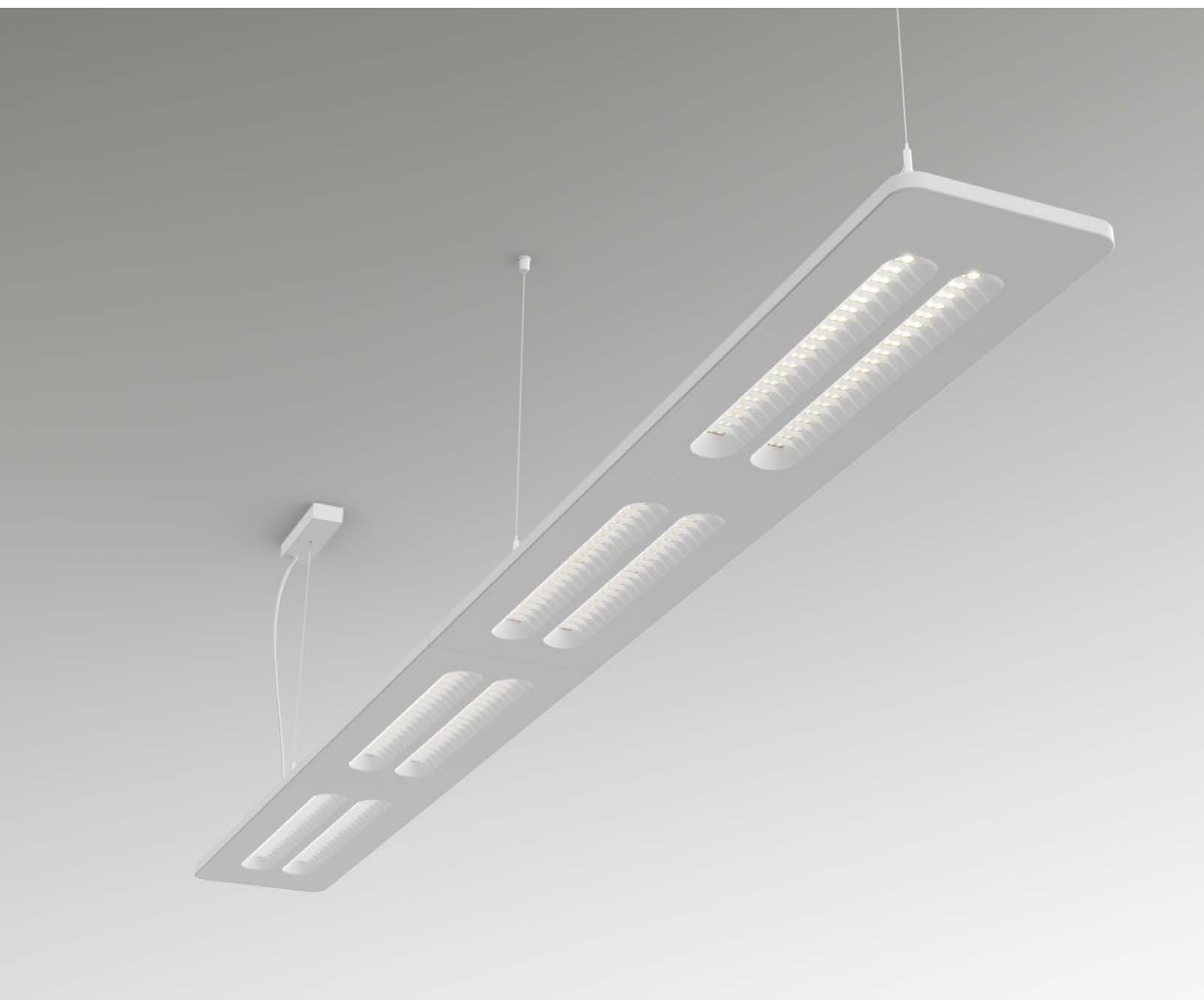


Rectangular - double row of shielding units
Available in 2 different lumen packages

IN-LINE

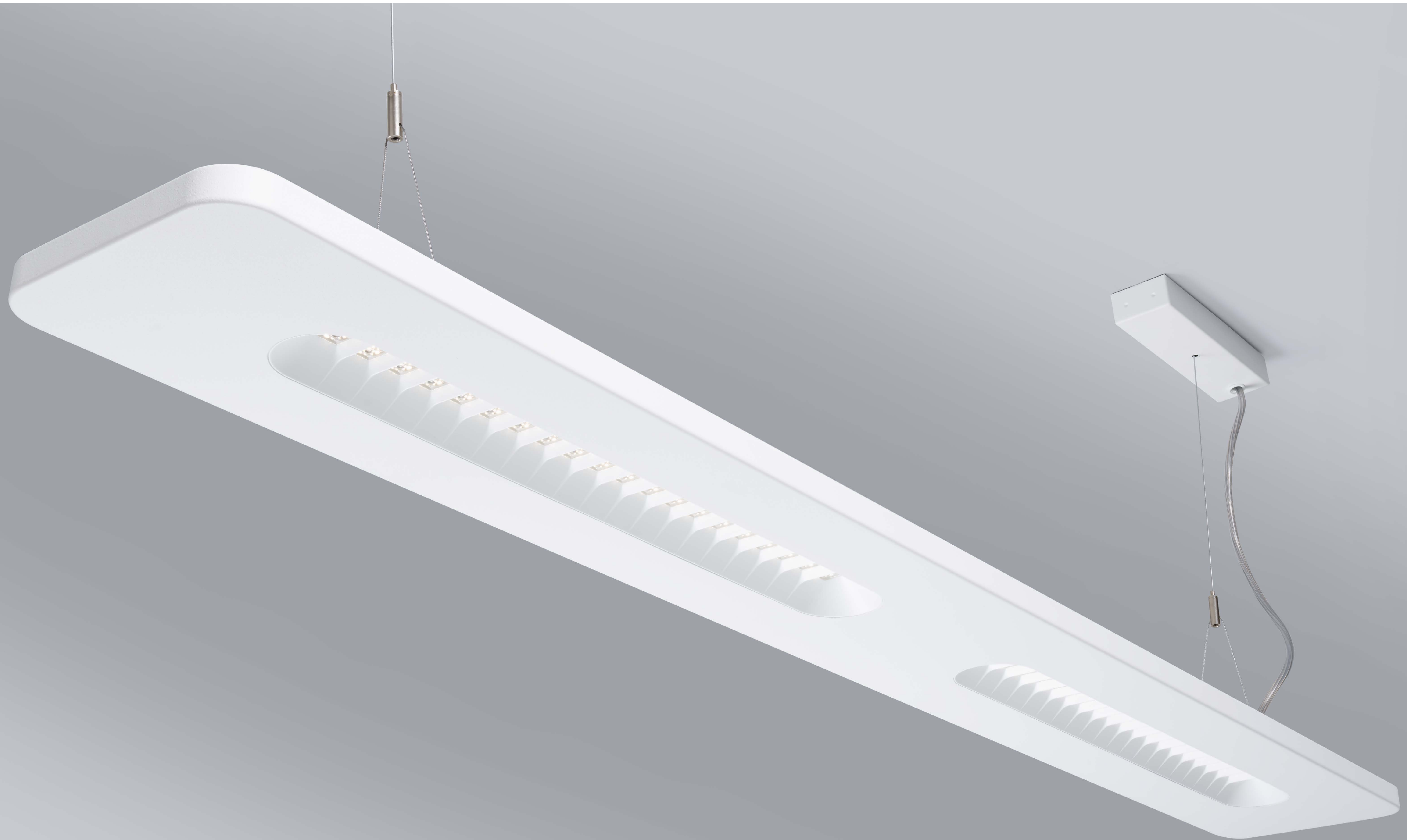


Rectangular - single row of shielding units
Available in 1 lumen package



Rectangular - double row of shielding units
Available in 2 different lumen packages

R3



TAILORED TO YOUR NEEDS

R3 luminaires can be adjusted on demand according to the needs of the project.

- All R3 luminaires can be combined with an integrated daylight sensor ELS
- All luminaires can be painted in a specific RAL color.
- The dimensions and luminous flux can be adjusted.
- The direct and indirect components of the suspended luminaires can be switched separately.



R3 with integrated daylight sensor ELS



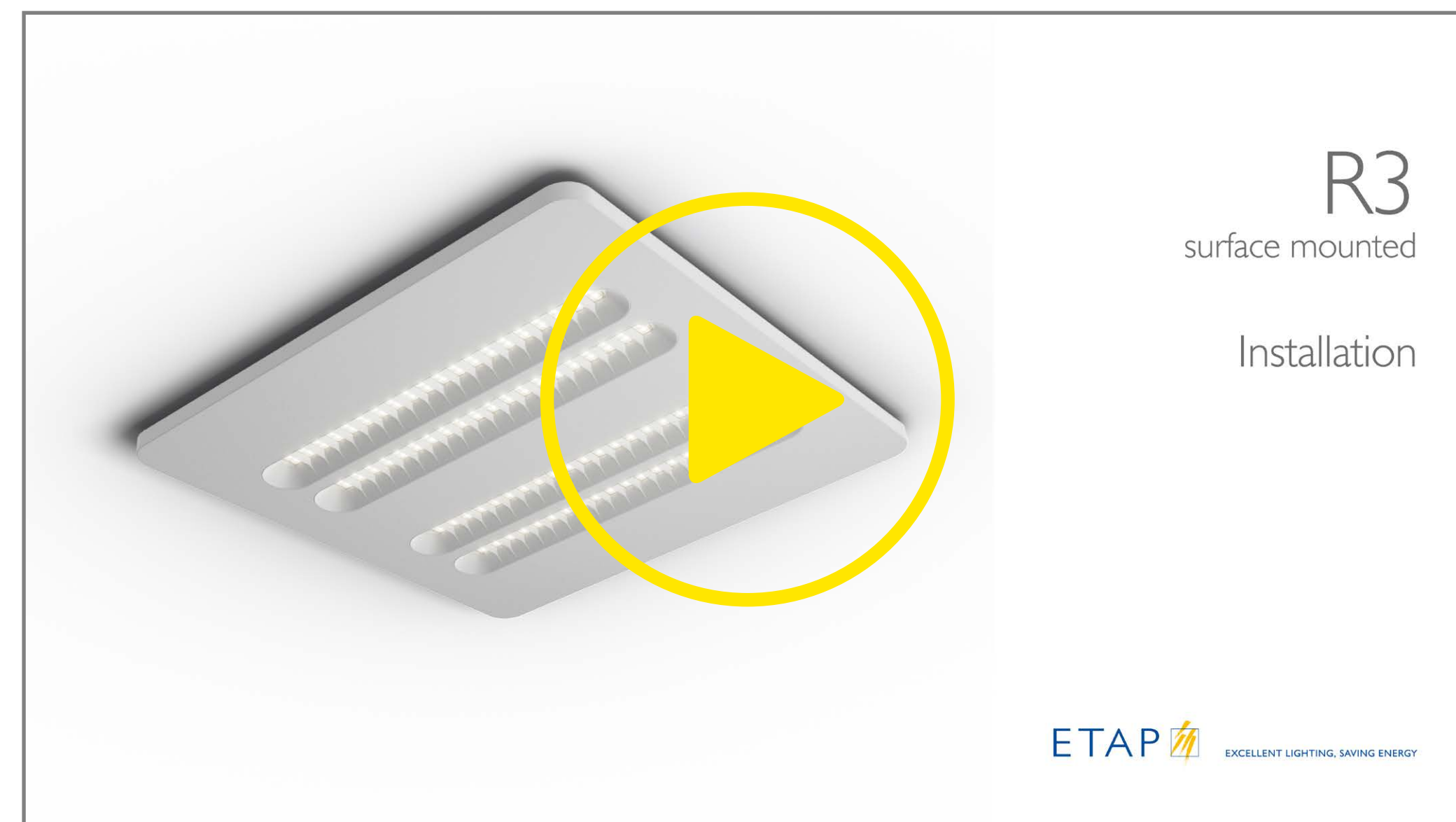
R3 special in RAL9005 jet black, evaporated aluminium shielding units.

EASY INSTALLATION

The installation of the R3 luminaires is quick and easy:

- The design is set up in such a way that the luminaires can be installed by 1 technician.
- The installation proceeds in clear steps with only a minimum of tools.

SURFACE MOUNTED LUMINAIRE



Click on the photo to view the installation video.

SUSPENDED INDIVIDUAL LUMINAIRE



Click on the photo to view the installation video.

SUSPENDED IN-LINE LUMINAIRE



Click on the photo to view the installation video.

