

# U2

## Flat panel diffusers



EXCELLENT LIGHTING, SAVING ENERGY



## Flat panel diffusers

Diffuser lighting has become an absolute must for the general illumination of offices and public buildings, which makes sense since diffusers provide comfortable and pleasant lighting. With the U2 series, ETAP teams these intrinsic advantages with superior performance, minimalist look and long service life.

### Brightly and evenly illuminated spaces

U2 recessed luminaires guarantee brightly and evenly illuminated spaces in which it is pleasant to work or stay. They are also finished to a high standard. U2 luminaires also create uniform light incidence on the ceiling with the diffuser's homogeneous illumination.

### High efficiency

U2 luminaires provide well-thought out light distribution with particularly high efficiency. This will allow you to keep energy consumption under control and illuminate your spaces with the fewest possible luminaires – even where stringent requirements are imposed in terms of lighting level and comfort.

### Smart investment

The LEDs' long service life and high lumen maintenance turn the U2 series into a smart investment for the long term. With the smooth cover plate luminaires are furthermore easy to clean. They form a compact, sealed unit, thus keeping dirt and insects at bay. The U2 is furthermore designed in such a way that LEDs and driver can be effortlessly replaced after potential defects.



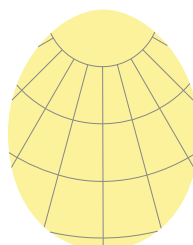
## Comfort as well as efficiency

The U2 series is available in two versions. The U21 with HaloOptics® was designed for the bright and even lighting of corridors and reception areas, whilst the U25 with MesoOptics™ offers high visual comfort for the most demanding office environments.

### U21 with HaloOptics®

The U21 uses a matte plastic HaloOptics diffuser. This light distribution lends itself perfectly to the bright and even lighting of corridors and reception areas, among others. The U2 combines high efficiency with low glare, allowing the U21 to provide efficient and comfortable lighting.

- Painted sheet steel cover plate
- 4 PCBs with medium-power LEDs
- HaloOptics® diffuser
- Driver
- Painted sheet steel housing with seamless trim



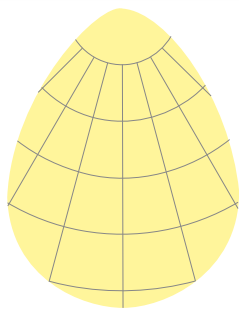
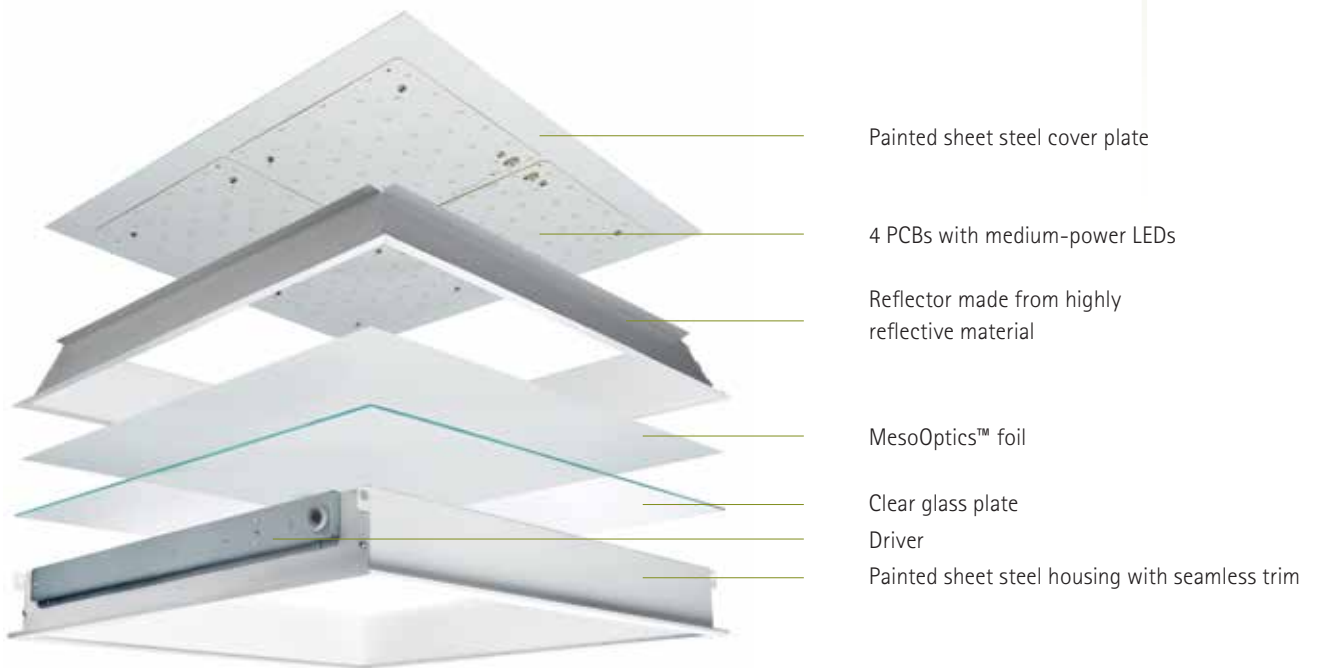
	U21
<b>Shielding</b>	Polycarbonate (PC) (850°C) or Polymethylmetacrylate (PMMA) (650°C)
<b>UGR</b>	≤ 19 for 2000 lumen (PC) and 2500 lumen (PMMA) ≤ 22 for 2500 lumen (PC) and 4000 lumen (PMMA - PC)
<b>LLMF*</b>	90%

\* LLMF = Lamp Lumen Maintenance Factor after 50,000 burning hours



## U25 with MesoOptics™

The U25 combines the MesoOptics diffuser with a clear glass cover plate. High efficiency and low glare ensure superior visual comfort for the most demanding office environments. Thanks to sophisticated light distribution you will be able to illuminate larger spaces such as open-plan offices using the fewest possible luminaires. The high-quality LEDs in the U25 ensure high lumen maintenance: you can be sure that even after 50,000 burning hours you will practically retain the same light output.



	U25
Shielding	Clear glass plate (3 mm thick)
UGR	≤ 19
LLMF*	98%

\* LLMF = Lamp Lumen Maintenance Factor after 50,000 burning hours



U2 can be connected to Excellum2, which will allow you to manage and control the lighting centrally within your building. The software allows to create overviews of energy consumption and savings.

## Flexible and efficient lighting

The U2 luminaires are designed to easily integrate light control and emergency lighting, which will enable you to save energy and perfectly gear your lighting to your needs.

### Save energy

The U2 luminaires are available with the ELS sensor for daylight-dependent control and hidden microwave motion sensor, allowing you make significant energy savings. Upon request, the U2 series can also be fitted with the EMD multisensor, which teams daylight and motion-dependent light management with infrared remote control.

### Combine with emergency lighting

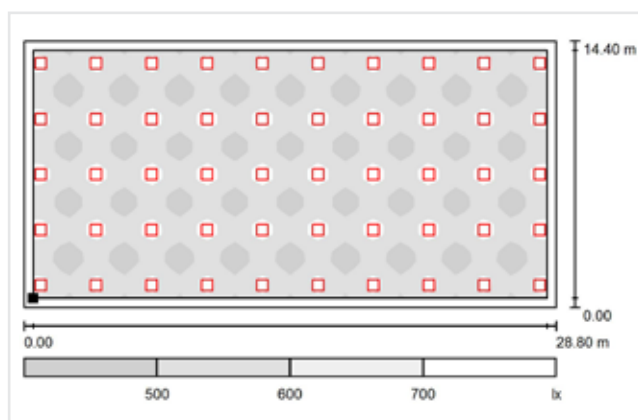
Do you also need emergency lighting and would you like to save on installation costs? Upon request, U2 luminaires can be fitted with ETAP's solutions for emergency lighting, so you can combine general and emergency lighting within the same unit.

### Central management

U2 luminaires are compatible with Excellum2, ETAP's light control system, which will allow you to manage and control the lighting centrally within your building. The system allows you to gear your lighting to your specific needs at any time and minimise consumption.



U2 luminaires contribute to your energy savings with the integrated daylight sensor (ELS)



With the U25 you will light your office spaces with the lowest possible energy consumption.

Specific power: 0.9 W/m<sup>2</sup>/100 lx  
Maintenance factor 0.88





## Hassle-free lighting

The U2 series is easy to install and maintain. In this way you will enjoy your lighting installation without a care for many years to come.

### Easy installation

The U2 luminaire consists of a simple, sealed module that is placed on the T-profiles in your ceiling. Connect to the Wieland plug and you're good to go! With a mounting depth of 85 mm the U2 series is suitable for the majority of ceiling types.

### Optimal maintenance

The cover plate on the U2 luminaires is easy to clean. The luminaire forms a single compact and sealed unit, thus completely keeping dirt at bay. The luminaire is also fly-proof. Are you still unexpectedly faced with defects? The U2 is designed in such a way that LEDs and driver can be effortlessly replaced.

### You can count on us

ETAP's standard warranty covers 5 years. The warranty on your luminaires can be extended upon request. Any replacements or repairs of the luminaires take place quickly and easily thanks to ETAP's repair policy.



A special mounting frame is available for plasterboard ceilings.



The luminaires are easy to clean thanks to their smooth cover plate.

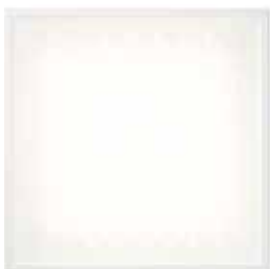


## Geared to your needs

The U2 series is available in various sizes, lamp colours and lumen packages. With our flexible bespoke solutions the luminaires can be further geared to your specific needs.

### Range

The U2 series is available in square and linear versions.



M600 - M625



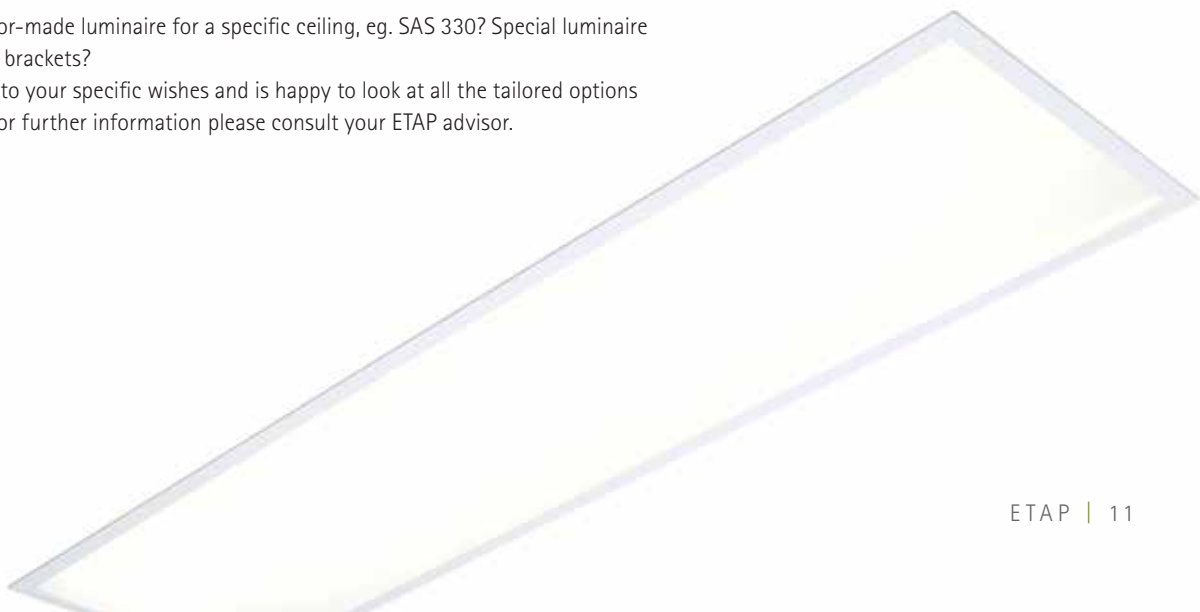
M300

The U2 luminaires are available with different lamp colours and lumen packages.  
Colour temperature: 3000K or 4000K  
Lumen output: U21 - 2000, 2500 or 4000 lumen  
U25 - 2500, 4000 or 5000 lumen

### Flexible and bespoke luminaires

Would you like a tailor-made luminaire for a specific ceiling, eg. SAS 330? Special luminaire lengths or mounting brackets?

ETAP is always open to your specific wishes and is happy to look at all the tailored options together with you. For further information please consult your ETAP advisor.





## U2

- Brightly and evenly illuminated spaces
- Perfectly even lighting of the diffuser
- High efficiency
- Long lifetime
- Easy to clean
- Low glare (up to UGR < 19)



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