

U2

Flat panel diffusers





Flat panel diffusers

Diffuser lighting has become an absolute must for the general illumination of offices, schools, health care facilities 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.

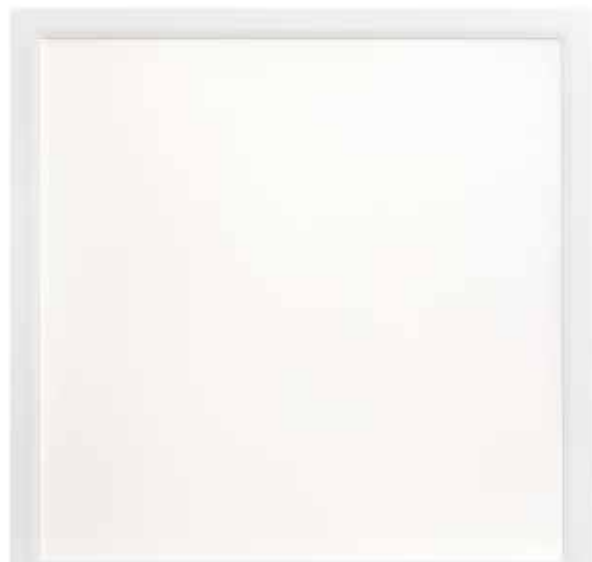
High efficiency

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.

U23



U25

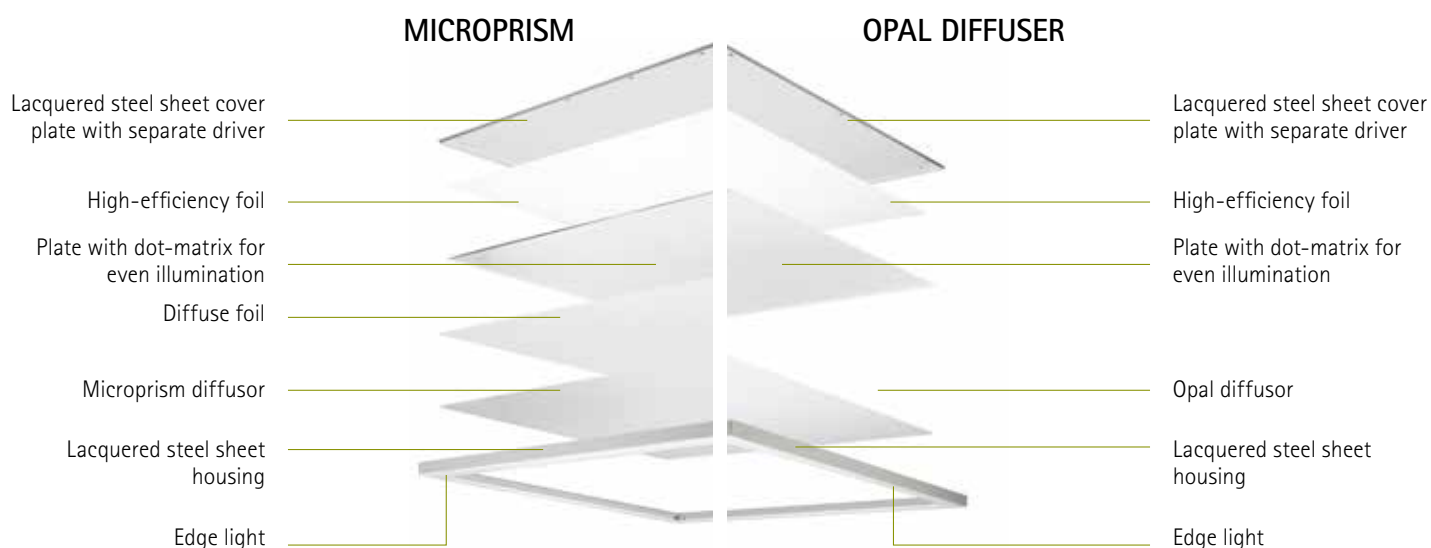


Comfort as well as efficiency

The U2 series is now available in two versions. U23 luminaires, with very shallow built-in height, are available with opal optics or with a microprism. The U25 combines the MesoOptics™ diffuser with a clear glass cover plate.

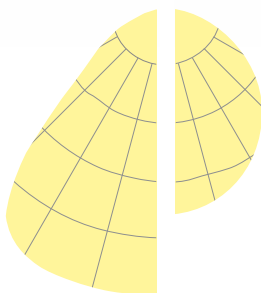
U23

The U23 lends itself perfectly to the lighting of spaces where clearance is limited and, in addition, combines high output and lumen maintenance. Light distribution on luminaires with opal optics has been optimised to achieve pleasant, even lighting, in corridors or stairwells, for example. The luminaires with microprism provide greater visual comfort (UGR < 19) in reception halls and offices. U23 luminaires are also available in an IP54 version (on bottom), as a result of which the luminaires can also be applied in demanding environments such as kitchens and sanitary spaces.



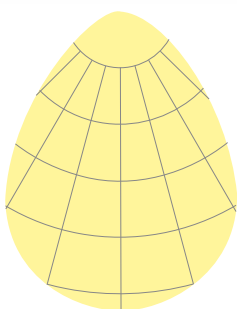
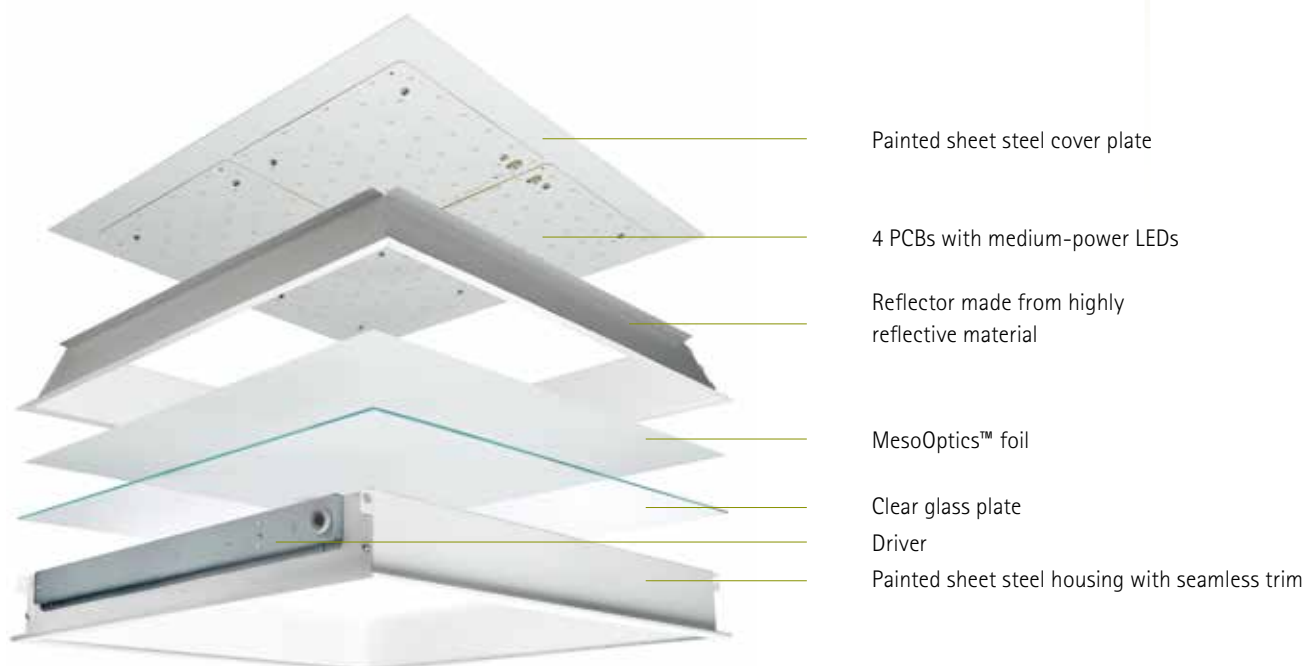
	U23
Shielding	Polymethylmetacrylate (PMMA) (650°C)
UGR	≤ 19 for the microprism diffuser ≤ 22 for the opal diffuser
Specific luminous flux	up to 106 lm/W
LLMF*	90%

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



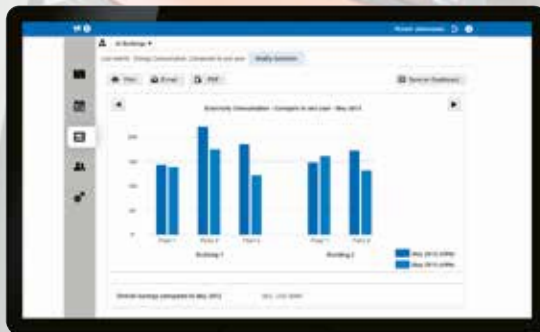
U25 with MesoOptics™

The U25 combines the MesoOptics™ diffusor 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-concept offices with the fewest possible luminaires. The U25's high-quality LEDs ensure high lumen maintenance, thus guaranteeing that you will approximately have the same amount of light even after 50,000 burning hours.



	U25
Shielding	Clear glass plate (3 mm thick)
UGR	≤ 19
Specific luminous flux	up to 143 lm/W
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

U2 luminaires are available with the ELS sensor for daylight-dependent control.

The U25 can also be fitted with the EMD multisensor, which combines daylight and motion-dependent light control with infrared remote control, thus saving a lot of energy.

Combine with emergency lighting

Do you also need emergency lighting and would you like to save on installation costs?

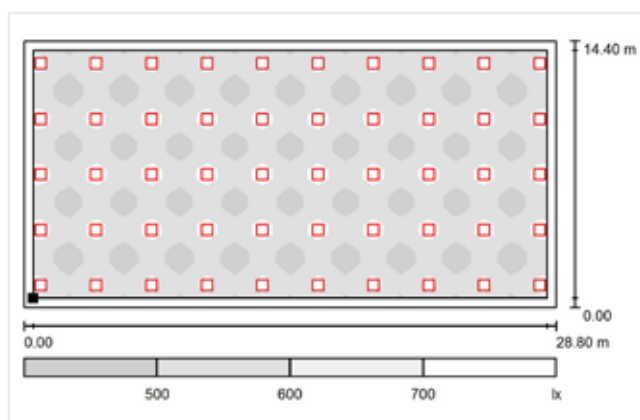
Upon request, U25 luminaires can be fitted with an LED module for emergency lighting or ETAP's emergency units, which allows you to combine general and emergency lighting within the same unit.

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/m²/100 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. With a mounting depth of 13.5 mm the U23 is suitable for ceilings with limited clearance. U25 luminaires have a built-in height of 85 mm and can be easily connected using a Wieland plug.

Optimal maintenance

The U2 luminaires with a smooth cover plate are 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.




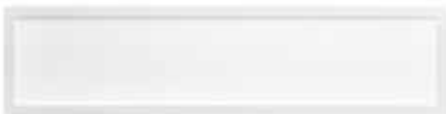




The luminaires are easy to clean thanks to their smooth cover plate.



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

	SQUARE (M600 – M625)	LINEAR (M300)
U23	<p>Colour temperature:</p> <ul style="list-style-type: none"> • 3000 K • 4000 K <p>Lumen output:</p> <ul style="list-style-type: none"> • 3500 lumen 	
		
	opal*	opal
		
	microprism*	microprism
U25	<p>Colour temperature:</p> <ul style="list-style-type: none"> • 3000 K • 4000 K <p>Lumen output:</p> <ul style="list-style-type: none"> • 2500 lumen • 4000 lumen • 5000 lumen 	
		
	MesoOptics™	MesoOptics™

* Also available in IP54 version (IP54 from below)

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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