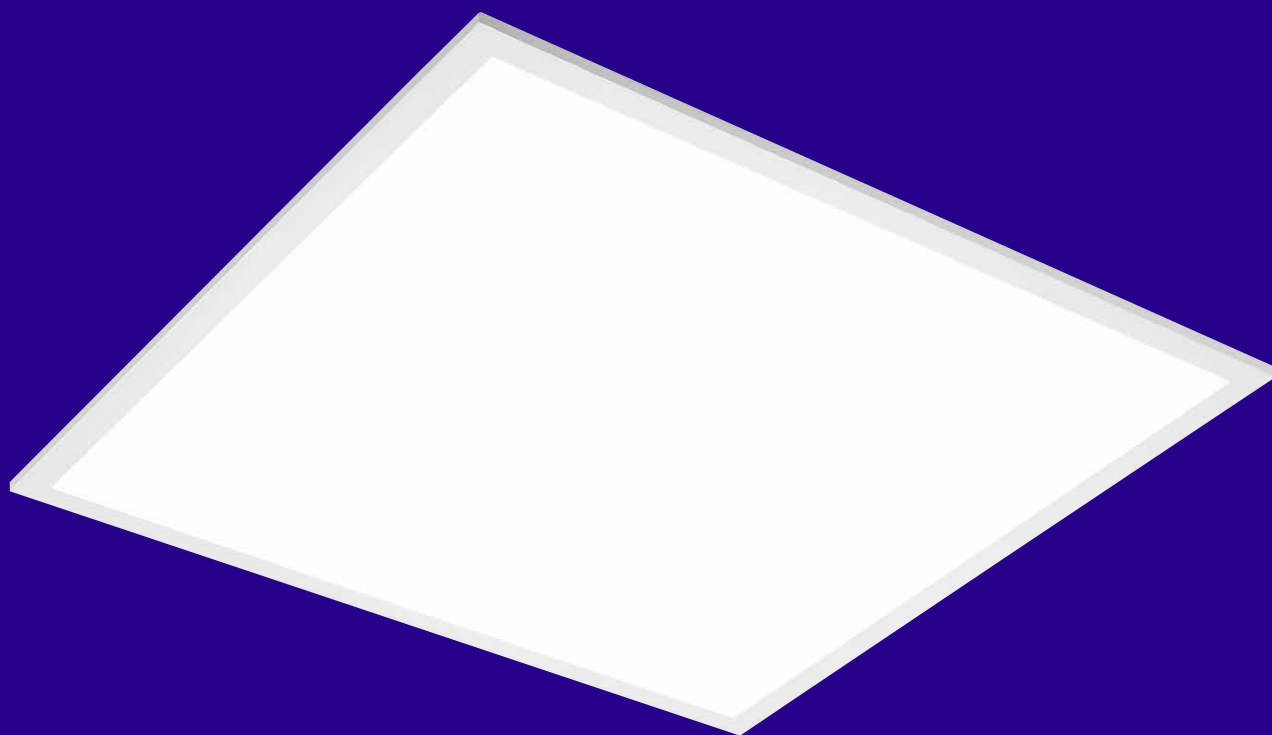


LED modules

Module ELA

For panel luminaires in system ceilings



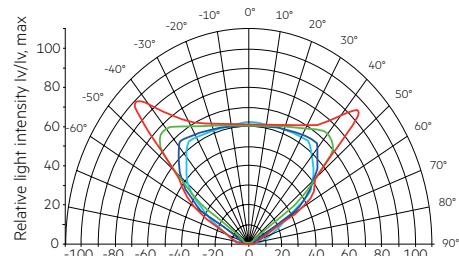
TRIDONIC

Applications and product portfolio

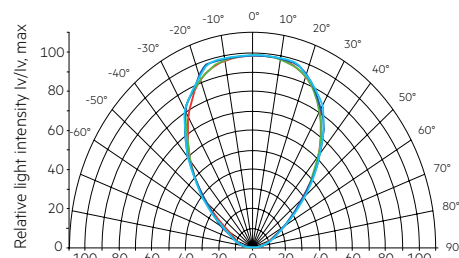
Extra flat, ready-to-install LED panels



ELA G1 SNC for homogeneous illumination



ELA G1 SNC TPA:



Product portfolio

essence series (SNC)

Cost-efficient

830, 840, 850, 865

2,800 or 3,800 lm

600x600 and 625x625 mm modules



The uncomplicated and highly versatile LED panel adapts to its surroundings perfectly.

The Edgelit panel ELA is available in two sizes and can be turned into a range of different luminaire types quickly and easily. For example, the luminaire can be built directly into the ceiling. LEDs, light guide and diffuser form a compact, perfectly harmonised unit.

Perfect in every way thanks to Tridonic's usual high quality

Guarantee and logistics

- Service life of 50,000 h, 5-year guarantee
- 650°C glow wire test
- Logistical advantage: warehouse in Europe, available in small quantities
- End tests far exceed standards
- TPA versions for more stringent fire safety requirements

Inlaid LED panels with good lighting technology

- Highly space saving and powerful combination of LED light source, light guide and diffuser
- Self-cooling thanks to innovative aluminium frame

Homogeneous appearance

- High-quality LED lines for side injection
- Prismatic cover made of polystyrene (PS)
- High-quality BAP blend control, UGR ≤ 19 thanks to PMMA light guide

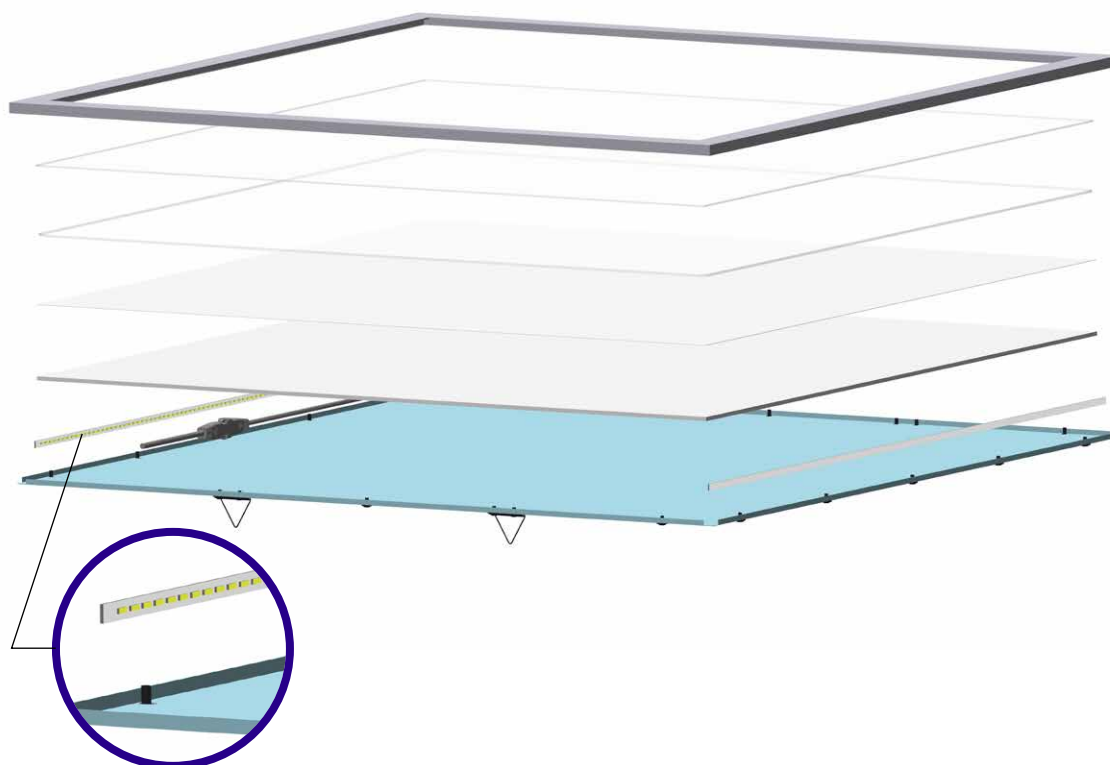
Flat luminaire design

- Extremely flat construction
- Discreet aluminium frame integrated into the ceiling
- Slim design with low installation depth

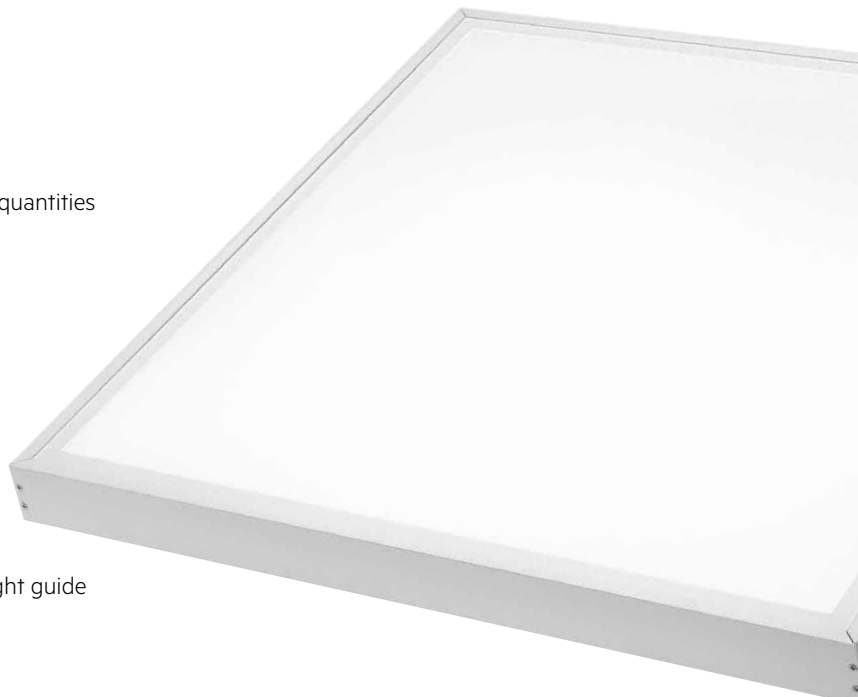
Installation made easy

- Installation flush with the ceiling, even for low installation heights
- Separate white aluminium frame for simple surface mounting (ACE surface mount kit)
- Steel cable system for suspended mounting up to max. 1.2 m (ACE suspension kit)
- Electrical connection: plug

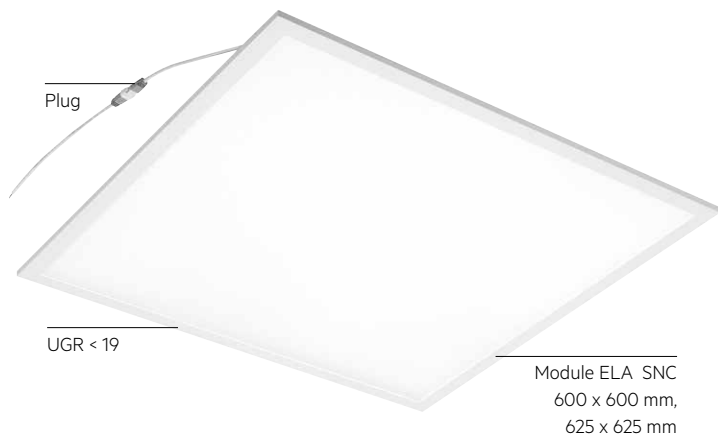
Technical design



- Metal frame (RAL 9003)
- Prism diffusor (PS or TPA)
- Light Guide (PMMA)
- Reflector
- EVA pad
- SMD LED lines
- Back cover



essence series (SNC)



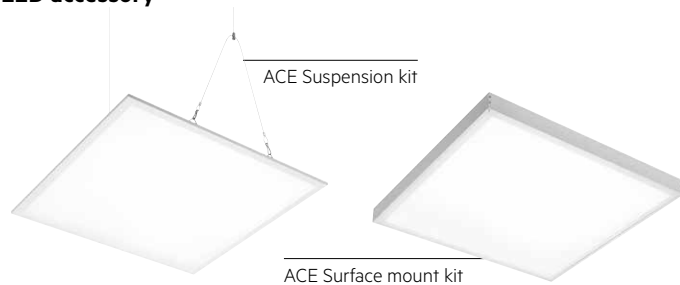
At a glance: Module ELA SNC

- Edgelit panel for direct recessed mount and surface or suspended mount with accessories
- For suspended ceiling grid measure of 600 or 625 mm
- Two luminous flux range variants 2,800 or 3,800 lm
- Efficacy of the module up to 125 lm/W
- High colour rendering index CRI > 80
- Small colour tolerance MacAdam 4
- UGR < 19 low glare for working places
- Colour temperatures 3,000, 4,000 and 6,500 K
- Diffusor material standard article: PS, diffusor material TPA article: PC
- Long life-time: 50,000 hours
- 5-year guarantee

The flat, ready-to-install LED panel combines high-quality Tridonic LED technology with side injection, light guide and diffuser material. This creates an extremely homogeneous ceiling effect.

Combined with ADV drivers, the LED panel is also ideal for use in offices. It meets all necessary requirements for computer workstation lighting, such as UGR < 19 and a low flicker value below 5 percent. When replacing conventional lighting solutions, the Edgelit panel ELA also provides an energy saving of up to 50 percent. Optional accessories also make the surface-mounted or pendant solution very easy to install. In addition to Tridonic's proven service, ELA also meets all quality standards.

LED accessory



ACE Surface mount kit

- Aluminum frame for easy surface mounting

ACE Suspension kit

- Steel wire system for suspended mounting
- Suspension height up to 1.2 m

NEW	Description	Order No.
	ACE 600 Surface mount kit Al white	28002368
	ACE 625 Surface mount kit Al white	28002376
	ACE Suspension kit Steel silver	28002369

essence series (SNC)

NEW	Type	Size LED Module (mm)	Order No.	Forward current (mA)	Colour tempertaure (K)	Luminous flux ¹⁾ (lm)	Typ. power consumption ¹⁾ (W)	Module Efficacy ¹⁾ (lm/W)
	ELA G1 600x600mm 2800lm 830 SNC	600x600	28002338	700	3.000	2.660 lm	23,8	112 lm/W
	ELA G1 600x600mm 2800lm 840 SNC	600x600	28002339	700	4.000	2.800 lm	23,8	118 lm/W
	ELA G1 600x600mm 2800lm 865 SNC	600x600	28002340	700	6.500	2.800 lm	23,8	118 lm/W
	ELA G1 600x600mm 3800lm 830 SNC	600x600	28002341	800	3.000	3.550 lm	32,4	108 lm/W
	ELA G1 600x600mm 3800lm 830 SNC TPA	600x600	28002423	800	3.000	3.550 lm	32,4	108 lm/W
	ELA G1 600x600mm 3800lm 840 SNC	600x600	28002342	800	4.000	3.800 lm	32,4	117 lm/W
	ELA G1 600x600mm 3800lm 840 SNC TPA	600x600	28002424	800	4.000	3.800 lm	32,4	117 lm/W
	ELA G1 600x600mm 3800lm 865 SNC	600x600	28002343	800	6.500	3.800 lm	32,4	117 lm/W
	ELA G1 625x625mm 2800lm 830 SNC	625x625	28002344	700	3.000	2.660 lm	23,8	112 lm/W
	ELA G1 625x625mm 2800lm 840 SNC	625x625	28002345	700	4.000	2.800 lm	23,8	118 lm/W
	ELA G1 625x625mm 3800lm 830 SNC	625x625	28002346	800	3.000	3.550 lm	32,4	108 lm/W
	ELA G1 625x625mm 3800lm 840 SNC	625x625	28002347	800	4.000	3.800 lm	32,4	117 lm/W

¹⁾Tolerance range for electrical and optical data: ±10 %

Matching Driver

NEW	Designation	Output current (mA)	Output power (W)	Output voltage range (V)	Input voltage (V)	Efficiency (%)	Size (mm)	Order No.
	LC 21/500/42 fixC SR ADV2*	500	21	33-42	220-240	88	127 x 43 x 30	87500863
	LC 25/600/42 fixC SR ADV2*	600	25	33-42	220-240	89	127 x 43 x 30	87500864
	LC 30/700/42 fixC SR ADV2*	700	30	33-42	220-240	90	127 x 43 x 30	87500865
	LC 35/800/44 fixC SR ADV2*	800	35	33-44	220-240	89	127 x 43 x 30	87500866
	LC 38/900/42 fixC SR ADV2*	900	38	33-42	220-240	88	127 x 43 x 30	87500867
	LC 44/1050/42 fixC SR ADV2*	1,050	44	33-42	220-240	90	127 x 43 x 30	87500868

*Preliminary technical data, coming in Q1/19. Further details can be found in datasheet.

Support and advice

From a single source



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Engine QLE

We will help you to create lighting solutions that are unbeatable in terms of economy and functionality, according to the slogan:
We devote all our energy to your light.

As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries.



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Light you want to follow.

