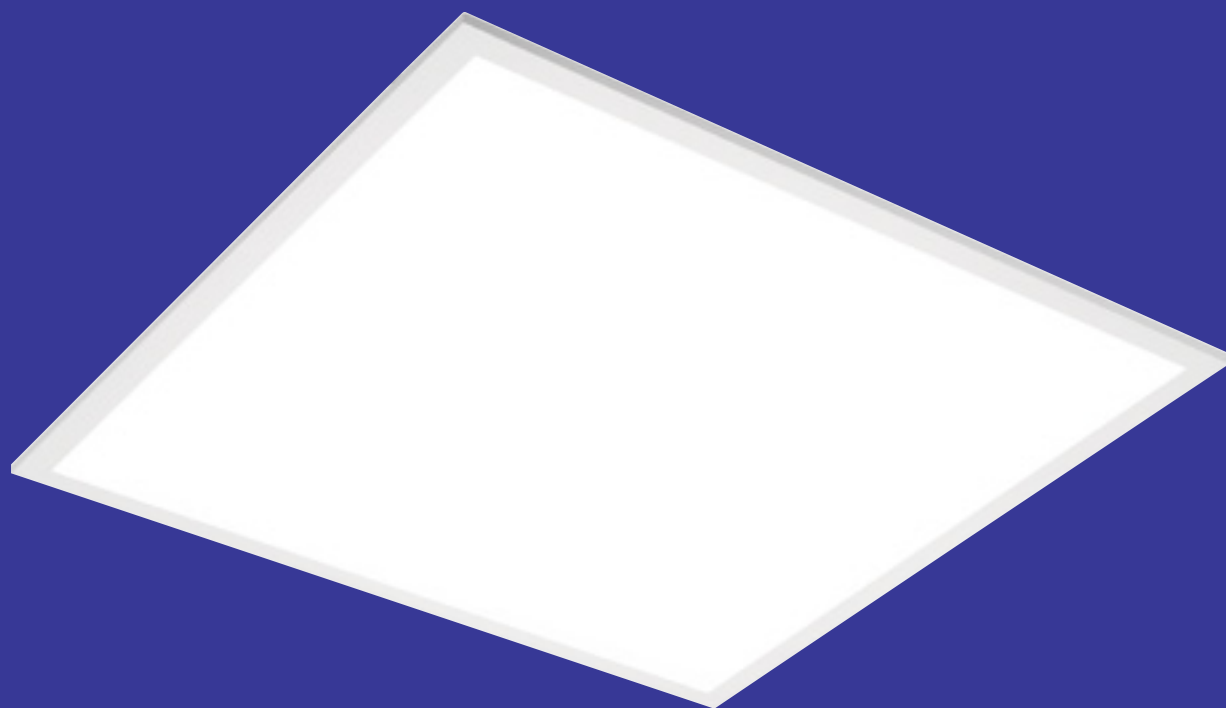


LED modules

Module ELA

For panel luminaires in system ceilings



TRIDONIC

Applications and product portfolio

Extra flat, ready-to-install LED panels



Product portfolio

Tunable White (ADV2)

Dynamic light color

2,700 k - 6,500 k
3,000 lm, 3,800 lm, 4,300 lm
600 x 600 mm module

Advanced series (ADV2)

Best performance

830, 840, 865
2,800 lm - 4,300 lm
600 x 600 mm, 625 x 625 mm
and 1,200 x 300 mm modules

essence series (SNC2)

Cost-efficient

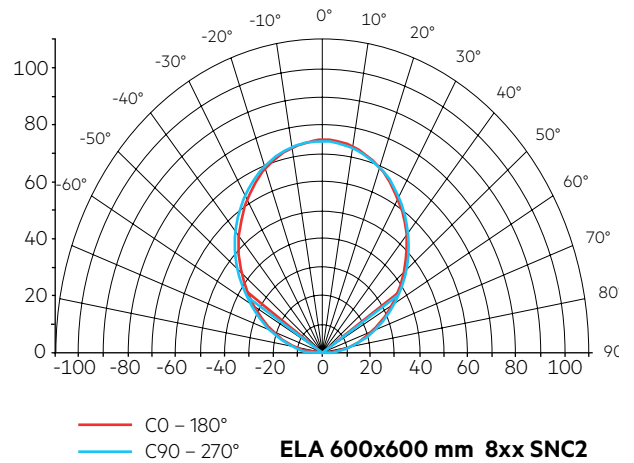
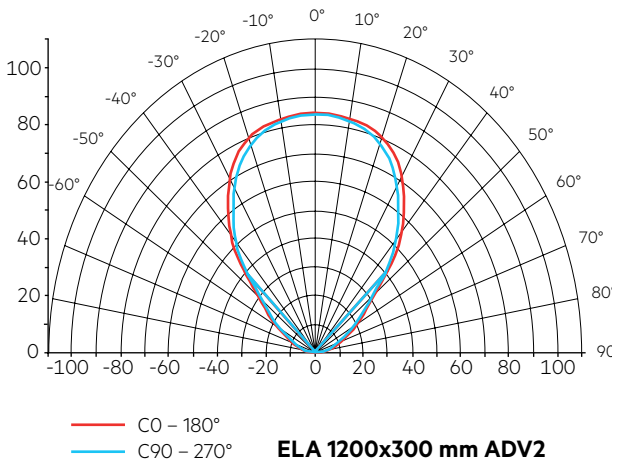
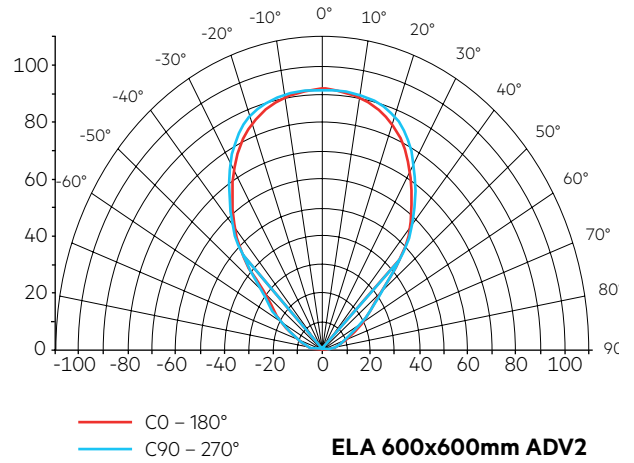
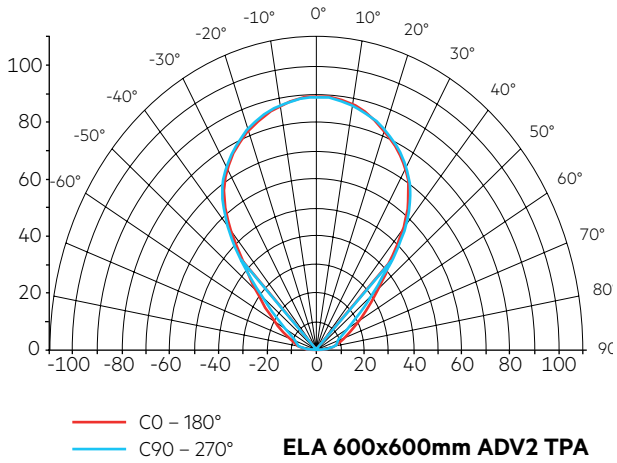
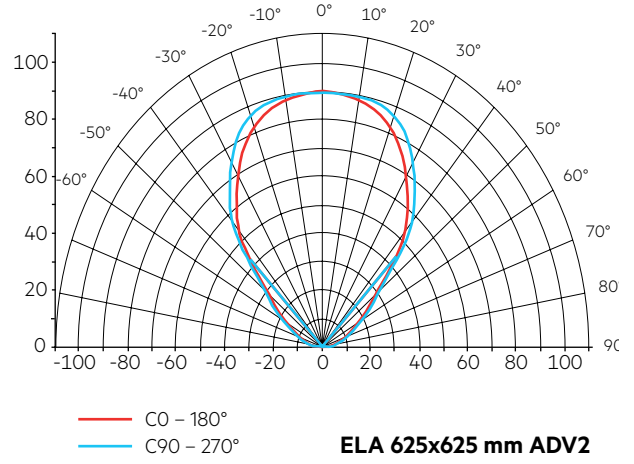
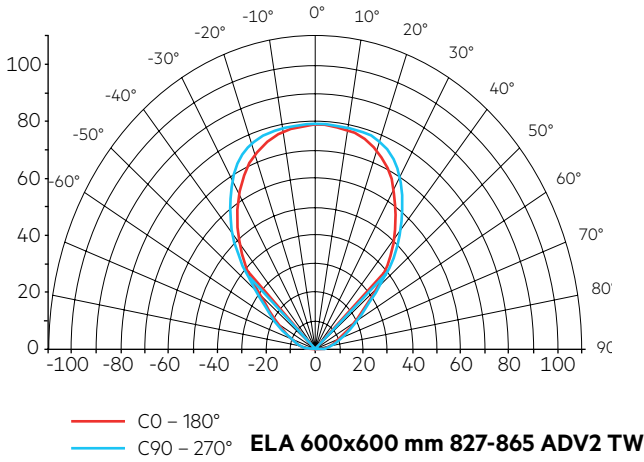
830, 840, 865
600 x 600 mm module



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

The Edgelit panel ELA is available in three 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.

ELA Light distribution



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

Guarantee and logistics

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

LED panels with a good lighting technology

- Highly space saving and powerful combination of LED light source, light guide and diffuser
- Three selectable light fluxes in each panel: 3,800 lm (NM), 2,800 lm (HE), 4,300 lm (HO)
- 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

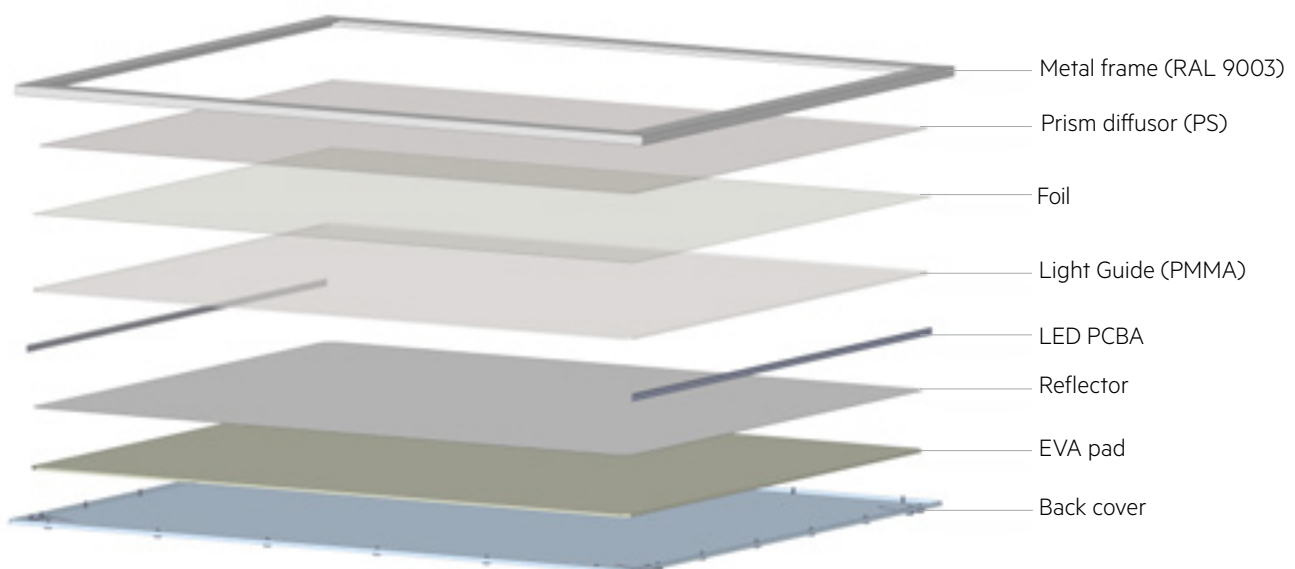
Flat luminaire design

- 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





Module ELA G2 Tunable White



Module ELA G2 Tunable White: 600 x 600 mm

At a glance:

ELA G2 Tunable White

- Tunable White LED module with 2,700 K and 6,500 K SMT packages
- Edgelit panel for direct recessed mount and surface or suspended mount with accessories
- With pre-installed connection cable and integrated plug
- For suspended ceiling grid measure of 600 mm
- Diffusor material: PS
- Lightguide material: PMMA
- 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.

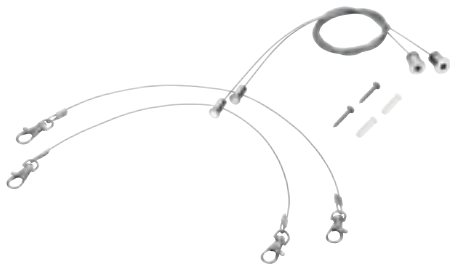
Combined with ADV drivers, the LED panel is also ideal for use in offices. It meets all necessary requirements for computer workstation lighting, such as UGR < 19 and a low flicker value below 5 percent. When replacing conventional lighting solutions, the Edgelit panel ELA also provides an energy saving 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.

ELA TW ADV2

Type	Size LED Module (mm)	Forward current (mA)	Colour temperature (K)	Luminous flux ¹⁾ (lm)	Typ. power consumption ²⁾ (W)	Module Efficacy ³⁾ (lm/W)	Order No.
Operating mode NM at 900 mA							
ELA 600x600mm 3800lm 827-865 ADV2	600x600	900	2,700	3,490	31.1	112	28003282
	600x600	900	3,000	3,600	31.1	116	
	600x600	900	4,000	3,880	29.5	132	
	600x600	900	6,500	3,880	31.1	125	

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

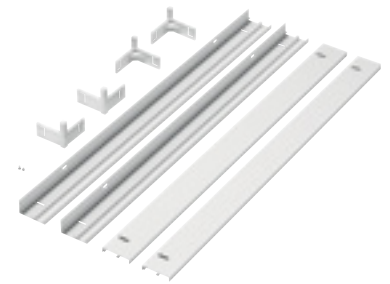
LED accessory



ACE Suspension kit



ACE 3way CCT-SWITCH 400mm WH



ACE Surface mount kit

Type	Order No.
ACE Surface mount kit 600mm AL WH G2	28003372
ACE Suspension kit 600-625mm STL SI G2	28003374
ACE 3way CCT-SWITCH 400mm WH	28003294

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

advanced series (ADV2)



ELA ADV2 600x600 mm, 625x625 mm, 1200x300 mm

At a glance:

ELA ADV2

- Edgelit panel for direct recessed mount and surface or suspended mount with accessories
- With pre-installed connection cable and integrated plug
- For suspended ceiling grid measure of 600, 625 mm and 1,200 x 300 mm
- Diffusor material standard article: PS, diffusor material TPA article (fulfills the TPA requirements): PS
- Lightguide material: PMMA
- Long life-time: 50,000 hours
- 5-year guarantee

In the advanced category (ADV2), the LED panel convinces with three sizes and a Tunable White variant. Thanks to the very good glare control, ELA ADV2 can also be used for screen workstations.

Depending on requirements, ELA ADV2 can be used with different types of drivers. For perfect Tunable White applications it is recommended to combine the appropriate ELA version with DT8 drivers from Tridonic. The LED panel is optionally available with a color switch function. This allows the desired color temperature to be set directly before delivery. ELA ADV2 is available in two square versions for common grid ceilings and as a rectangular version.

ELA ADV2

Type	Size LED Module (mm)	Forward current (mA)	Colour temperature (K)	Luminous flux ⁹⁾ (lm)	Typ. power consumption ⁹⁾ (W)	Module Efficacy ⁹⁾ (lm/W)	Order No.
ELA 600x600mm 3800lm 830 ADV2	600x600	600	3,000	2,750	23.0	120	28003274
ELA 600x600mm 3800lm 840 ADV2	600x600	600	4,000	2,960	23.0	129	28003275
ELA 600x600mm 3800lm 865 ADV2	600x600	600	6,500	2,960	23.0	129	28003276
ELA 600x600mm 3800lm 830 ADV2 TPA	600x600	600	3,000	2,750	23.0	120	28003283
ELA 600x600mm 3800lm 840 ADV2 TPA	600x600	600	4,000	2,960	23.0	129	28003284
ELA 625x625mm 3800lm 830 ADV2	625x625	600	3,000	2,750	23.0	120	28003277
ELA 625x625mm 3800lm 840 ADV2	625x625	600	4,000	2,960	23.0	129	28003278
ELA 1200x300mm 3800lm 830 ADV2	1200x300	600	3,000	2,750	23.0	120	28003279
ELA 1200x300mm 3800lm 840 ADV2	1200x300	600	4,000	2,960	23.0	129	28003280
ELA 1200x300mm 3800lm 865 ADV2	1200x300	600	6,500	2,960	23.0	129	28003281

⁹⁾ Tolerance range for electrical and optical data: ±10 %

LED accessory



ACE Suspension kit



ACE 600 x 600 mm ADV2 with connector

Type	Order No.
ACE Surface mount kit 600mm AL WH G2	28003372
ACE Suspension kit 600-625mm STL SI G2	28003374
ACE Surface mount kit 1200x300mm AL WH	28003391
ACE Suspension kit 600-625mm STL SI G2	28003374
ACE Suspension kit 1200x300mm STL SI	28003392
ACE Lead connector 250mm 22AWG	28003371

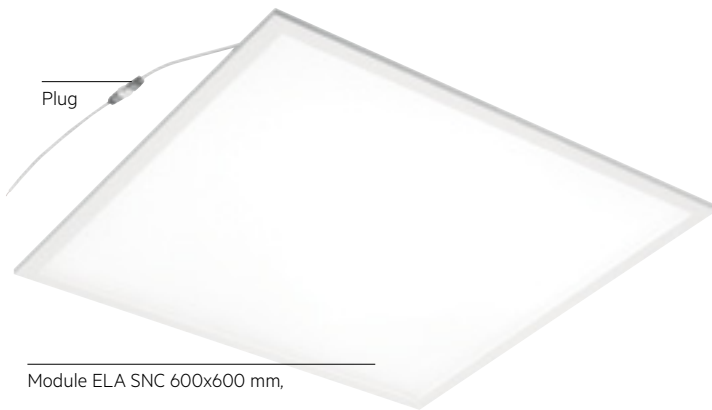
ACE Surface mount kit

- Aluminum frame for easy surface mounting

ACE Suspension kit

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

ELA essence series (SNC2)



At a glance:

Module ELA SNC2

- For suspended ceilings with grid dimension of 600 mm
- Three luminous flux variants 2,800 lm, 3,800 lm or 4,300 lm
- Efficiency up to 120 lm/W
- High color rendering CRI > 80
- UGR < 22
- Color temperatures 3,000 K, 4,000 K and 6,500 K
- Diffuser material Standard article: Polystyrene (PS)
- Lifetime: 30,000 hours
- 3 years 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.

ELA SNC2

Type	Size LED Module (mm)	Forward current (mA)	Colour temperature (K)	Luminous flux ⁹⁾ (lm)	Typ. power consumption ⁹⁾ (W)	Module Efficacy ⁹⁾ (lm/W)	Order No.
Operating mode NM at 800 mA							
ELA 600x600mm 3800lm 830 SNC2	600x600	800	3.000	3.800 lm	31,7	112 lm/W	28003285
ELA 600x600mm 3800lm 840 SNC2	600x600	800	4.000	3.800 lm	31,7	120 lm/W	28003286
ELA 600x600mm 3800lm 865 SNC2	600x600	800	6.500	3.800 lm	31,7	120 lm/W	28003287

⁹⁾ Tolerance range for electrical and optical data: ±10 %

LED accessory



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

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

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