THORN
LIGHTING

OMEGA PRO 2

Connect to the future

COMFORT, CUSTOMISATION

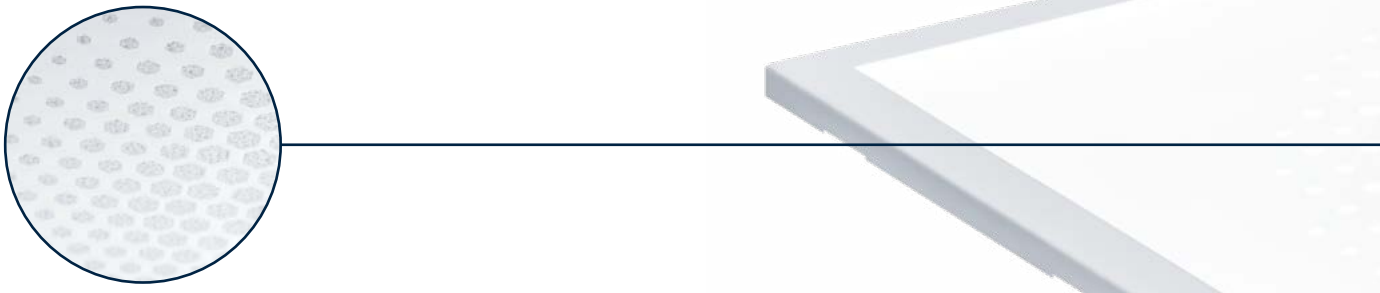
AND A WORLD OF CONNECTIVITY

Thorn's Omega Pro 2 LED panel range offers a unique combination of comfort and connectivity. It's ready for any type of installation in office and education settings: recessed, surface-mounted or suspended. Omega Pro 2 also comes with the option of innovative optics to give your installation a dynamic edge, and interchangeable modules for additional functionality.

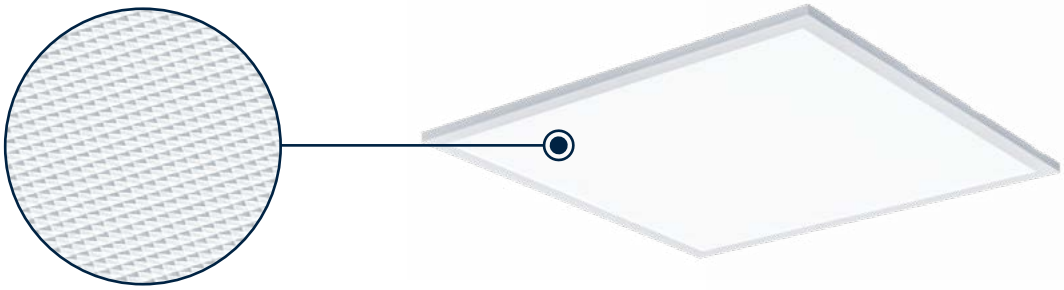
Office

Education

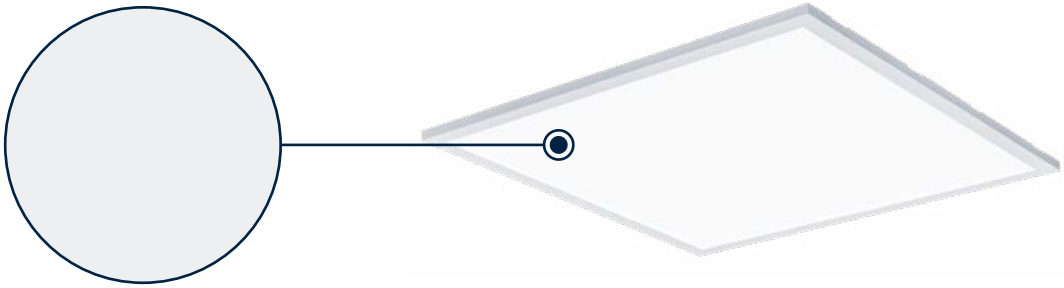
HEXAGONAL OPTIC



MICROPRISMATIC OPTIC



OPAL OPTIC



O-PEC

OPTICS FOR EVERY APPLICATION

Omega Pro 2's O-PEC optical range is all about performance, efficiency and comfort – giving you an optical solution for every application:

- The **HX optic** creates a brilliant dynamic effect
- The **MPT optic** provides best in class spacing
- The **Opal optic** gives a gentle, uniform appearance, with an easy-to-clean surface

HX: DISTINCTIVE, DYNAMIC AND COMFORTABLE

The new HX optic for Omega Pro 2 transforms your lighting into a dynamic experience. Thorn has developed a geometric pattern that creates a subtle sparkling effect when viewed from different angles. The hexagonal surface adds a distinctive, dynamic look to any installation with no compromise on efficiency or glare and with an easy-to-clean surface.

LUMINAIRE SPACING: EXAMPLE

With its three lumen packages and three different optics, Omega Pro 2 ensures great flexibility for different applications and guarantees the right light for every task.

LEGEND

- 4400 lm – 500 lux on the task level
- 3800 lm – 500 lux on the task level
- 3000 lm – 300 lux on the task level
- 3000 lm – 150 lux on the floor level

C-KIT

CONFIGURE YOUR FUTURE

C-Kit is an innovative accessory that plugs into the back of Omega Pro 2, bringing smart connectivity, sensors and other optional functionality.

CONNECTIVITY

- Use C-Kit for wired (DALI V2) or wireless communication (BM, BC)

DIGITAL SERVICES

- Combine C-Kit with PIR sensors and benefit from digital services (Desk & Space management, remote monitoring, energy metering, positioning services, etc.

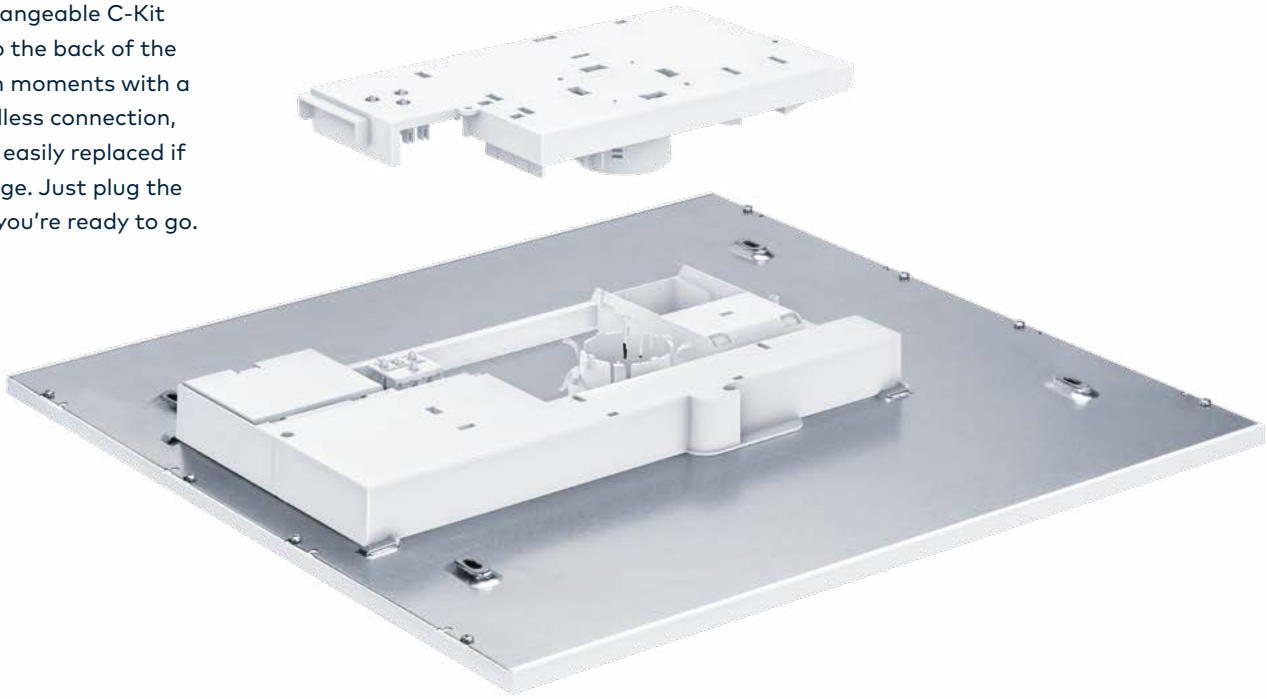
SENSORS

- C-Kit with sensors caters for presence detection & daylight depending dimming (MWS, PIR, HFSX)
- Can be used with connectivity modules / DALI V2

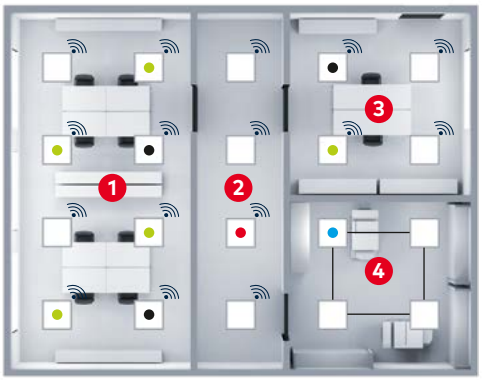
SAFETY

- Turn your luminaire into an emergency solution with dedicated optics for corridor and open space escape route illumination (E3, E3D)

The interchangeable C-Kit attaches to the back of the luminaire in moments with a simple, toolless connection, and can be easily replaced if needs change. Just plug the box in and you're ready to go.



C-KIT: APPLICATION EXAMPLE



APPROACH 1

If the function and layout of spaces in a building is not yet decided, no problem – luminaires can still be prefitted. C-Kit can be added or replaced later, equipping each luminaire with the desired functionality.

APPROACH 2

The different C-Kit functionalities provide dedicated solutions for a variety of challenges.

1. Daylight dimming and presence detection (PIR)
   Wireless communication (BC)
   Stand alone emergency (E3)

2. Wireless communication (BC)
   Stand alone emergency (E3) with Escape optic

3. Daylight dimming and presence detection (PIR)
   Wireless communication (BC)
   Stand alone emergency (E3)

4. Presence detection sensor for master / slave configuration, wired (MWS)

Get in touch with us to discover the smart solutions we can provide you (Space and desk management, indoor navigation, environmental sensing)

AND MORE TO COME

C-Kit can incorporate new sensors and technologies as they become available.

TUNE THE COLOUR OF LIGHT

AND TRANSFORM YOUR SPACE

VARIABLE COLOUR TEMPERATURE (VCT)

Omega Pro 2's Variable Colour Temperature (VCT) option uses high-quality LEDs to tune colour temperature from a warm 2700 K up to a very cool 6500 K.

The VCT functionality is best used in combination with our basicDIM Wireless app.

SIMPLE WIRELESS CONTROL VIA BLUETOOTH

basicDIM Wireless is Thorn's Bluetooth-based wireless lighting control technology, integrating sensors, switches and luminaires that can be controlled and configured from a tablet or a smartphone using our dedicated app.

Use pre-defined lighting scenarios or adjust the level – and even the colour temperature – of light manually or automatically to suit your mood and requirements.

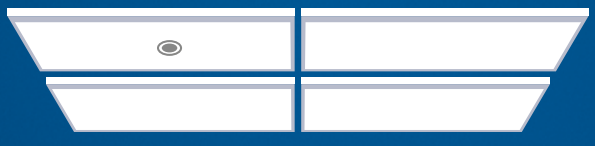
Because it's wireless, basicDIM is just as well suited to existing installations as to newly built ones. And installation couldn't be easier, as all the technology needed is built into the luminaires – with no extra wiring.

VCT KIT

- 4 x Omega Pro 2 C-Kit BC VCT
- basicDIM Wireless remote sensor (article 28002801)

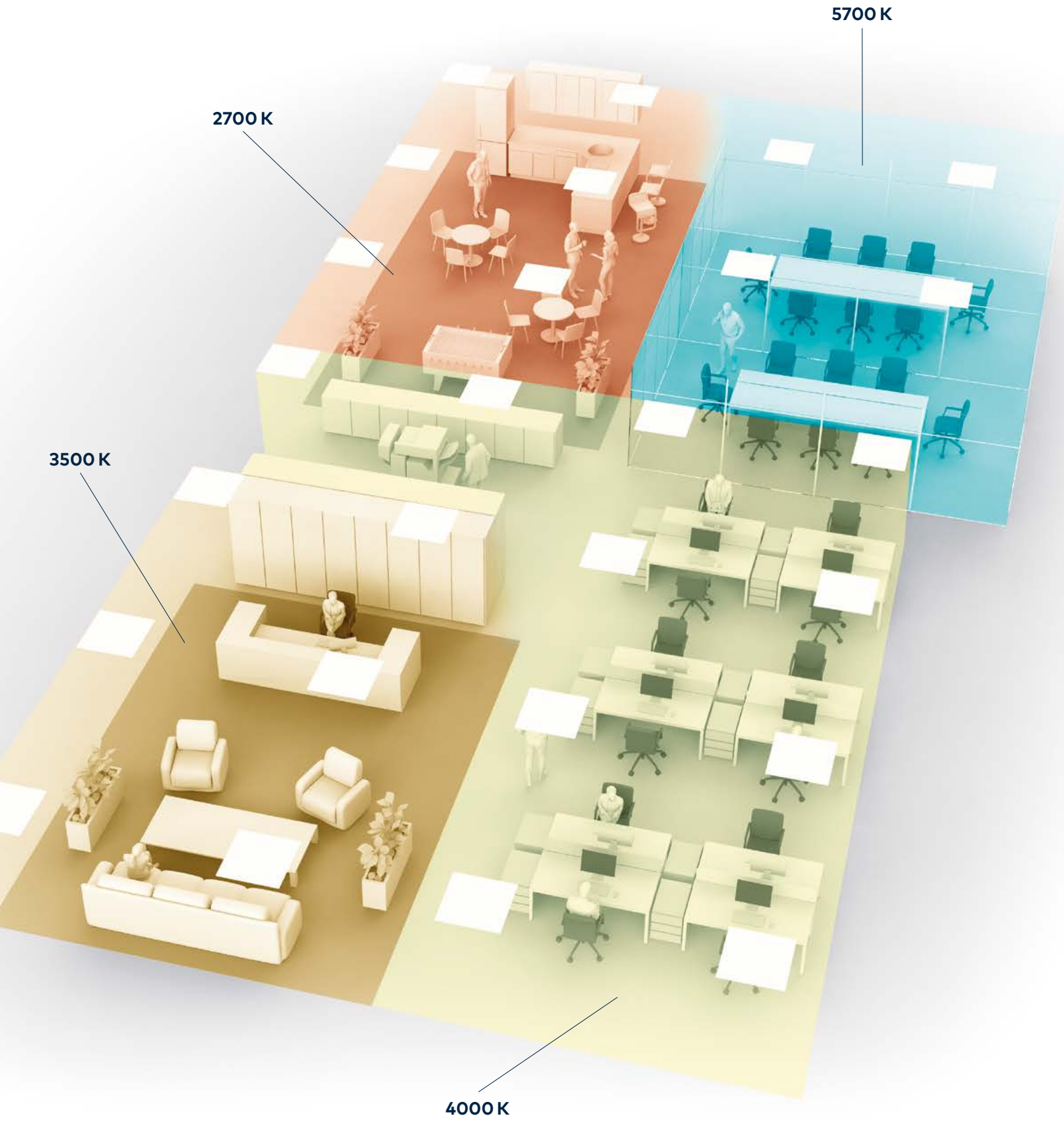
VCT from 2700 K to 6500 K, CRI 90

- 1 x Omega Pro 2 C-Kit+ BC VCT
- 3 x Omega Pro 2 C-Kit BC VCT
- C-Kit equipped with basicDIM Wireless sensor for presence detection and daylight harvesting



VCT from 2700 K to 6500 K, CRI 90

With VCT you can now set dedicated colour temperatures for specific areas of your office, ranging from 2700 K to 6500 K.



CONFIGURE YOUR C-KIT HERE

OMEGA PRO 2 C-KIT +

Enables modular and effective interoperability.

HFIX (DALI dimmable)
HFSX (Presence and daylight detection master / slave PIR, wired)
BM (Wireless communication for BMS*)
BC (Wireless communication not for BMS*)
MWS (Presence detection sensor for master / slave configuration, wired)
PIR (Presence and daylight sensor, with BC and BM)
E3 (Stand alone emergency, manual test)
E3D (Stand alone emergency, self test or auto test)
ECD (Central battery system)

*Building Management System

OMEGA PRO 2 C-KIT

Made for simple and less flexible solutions, where integral sensors are not required.

HFIX (DALI dimmable)
BM (Wireless communication for BMS*)
BC (Wireless communication not for BMS*)
E3 (Stand alone emergency, manual test)
E3D (Stand alone emergency, self test or auto test)
ECD (Central battery system)

*Building Management System

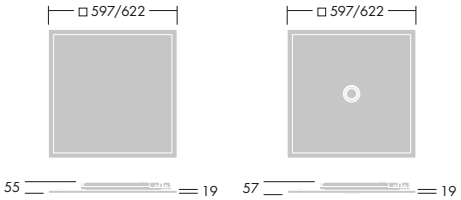
Get in contact with us to check how to add further sensors

OMEGA PRO 2 FAMILY

A complete range

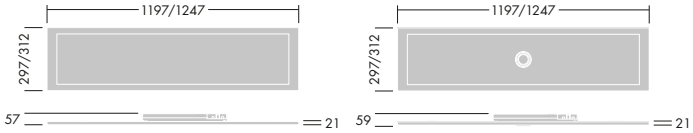
SQUARE M600 Q, M625 Q

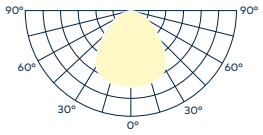
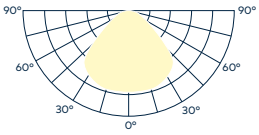
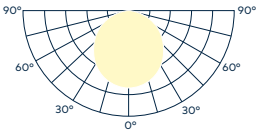
M600 Q (cut-out: 625 x 625)
M625 Q (cut-out: 650 x 650)



RECTANGULAR M600 L, M625 L

M600 L (cut-out: 325 x 1225)
M625 L (cut-out: 337 x 1272)



	HX	MPT	OPAL
		3000 lm 3800 lm 4400 lm	
		Up to 140 lm/W	
		3000 K 4000 K 6500 K VCT (2700–6500 K)	
CRI		80, 90	
UGR	<19	<19	<22
	IP40 / IP20	IP40 / IP20	IP44 / IP20
	50 000 h L90@25°C	50 000 h L85@25°C	50 000 h L85@25°C
			
		HF (switchable) HFIX (DALI dimmable) C-Kit, C-Kit+	
		Loop in / loop out as standard ML4, ML6, WL4, WL6, EN5, WO5 ML4 = mains lead, 4core / ML6 = mains lead, 6core / WL4 = Wieland 3core / WL6 = Wieland 5core / EN5 = Ensto 5core / WO5 = Wago 5core	
		ECD, E3, E3D	
		Standard lay-in Surface mounted Suspended Concealed grid ceiling*	*The concealed grid system can fit into the following ceiling types: Armstrong 1800 Armstrong 30 000 Armstrong 30 005 Burgess A bar Burgess clipin type Burgess clipin type C SAS 150 SAS 120

Check out the available accessories in our e-catalog

GET IN TOUCH

www.thornlighting.com/OMP2 www.thornlighting.com/offices

5 YEAR GUARANTEE

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
thornlighting.com/guarantee

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.
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WE MAKE LIGHT WORK