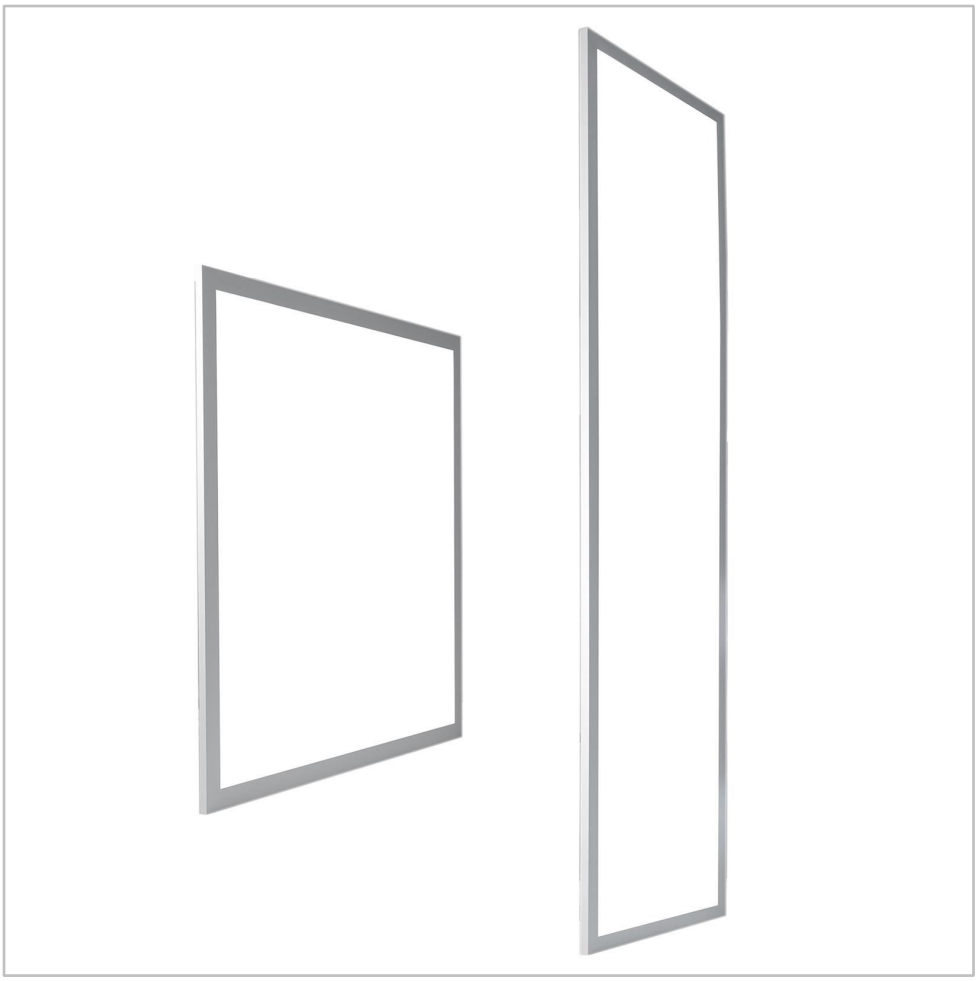
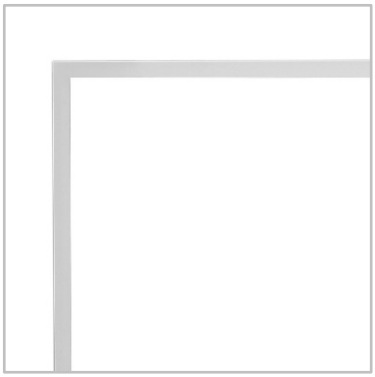
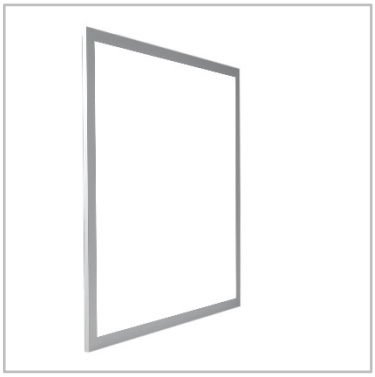
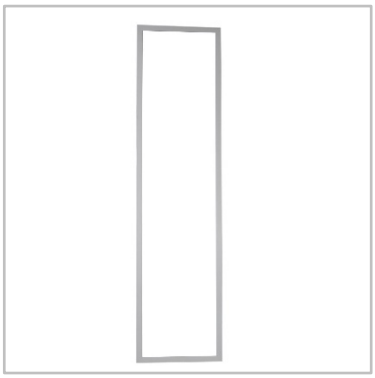
INDU PANEL









IP 20

IK 02

For a comfortable, safe yet energy-efficient indoor lighting

INDU PANEL provides a beneficial LED alternative to luminaires with fluorescent lamps. With its square or rectangular shape, it offers a uniform and comfortable lighting for typical professional indoor venues such as reception areas, offices, conference rooms, corridors and lifts.

This well-designed LED system has the potential to replicate sunlight more accurately than fluorescent bulbs.

INDU PANEL provides managers with the right tool to boost people as it provides a light that helps to stimulate the brain and subsequently improve accuracy. It contributes to a brightly-lit environment that creates a happier, healthier workforce, which is in turn more productive and likely to stick around.

RAILWAY STATIONS & METROS

INDUSTRIAL HALLS & WAREHOUSES

SPORT FACILITIES

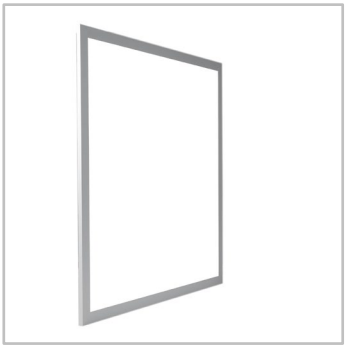
Concept

Made of aluminium and equipped with a polycarbonate protector, INDU PANEL is designed for recessed or pendant mounting. The electrical connection to the driver is made at the back of the luminaire. As an option, INDU PANEL can be controlled via the DALI protocol and integrate a Building Management System (BMS).

This modern lighting solution complies with the strictest indoor safety regulations. It is a fireproof solution with a high flammability resistance (650°C for the standard version or 850°C for the HF variant) to keep providing light during a fire and to prevent any smoke or fumes as well as hot drops of plastic falling onto people.

INDU PANEL also stands out as it provides high visual comfort. It offers a low UGR: UGR 19 for the standard version and UGR 16 for the low-glare version. UGR (Unified Glare Rating) is a method for calculating the glare from luminaires. The UGR rating helps to determine how likely a luminaire is to cause discomfort to those around it. This classification goes up to 40, with low numbers indicating low glare.

The precise and final UGR value will depend on the environment where the luminaire is installed (installation height, colour of the walls...). Please refer to your lighting study or your sales representative.



INDU PANEL provides a very comfortable lighting with a low UGR.

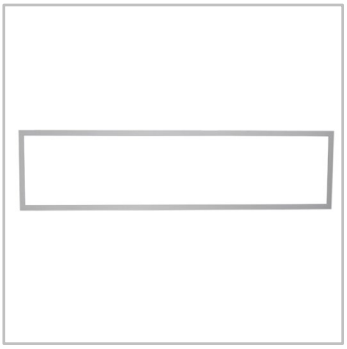
The electrical connection is performed at the back of the luminaire.

TYPES OF APPLICATION

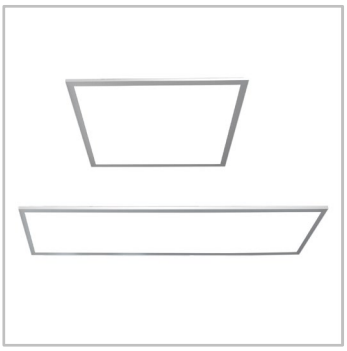
- RAILWAY STATIONS & METROS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

KEY ADVANTAGES

- White light with a high colour rendering index
- 2 sizes for flexibility
- Elegant design for low height installation
- Low power consumption
- Easy installation and maintenance free
- Efficient, uniform and glare free light



The fire-resistant INDU PANEL complies with the strictest indoor safety regulations.



INDU PANEL is available with a square or rectangular shape.

INDU PANEL | CHARACTERISTICS

Schréder

GENERAL INFORMATION

Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes

HOUSING AND FINISH

Housing	Aluminium
Protector	Polycarbonate
Tightness level	IP 20
Impact resistance	IK 02

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C up to +40°C / -4°F up to 104°F

ELECTRICAL INFORMATION

Electrical class	Class II EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	3
Control protocol(s)	DALI

OPTICAL INFORMATION

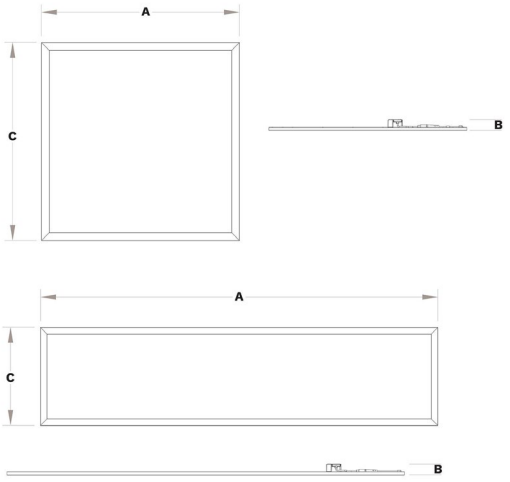
LED colour temperature	4000K (Neutral White 840)
Colour rendering index (CRI)	>80 (Neutral White 840)

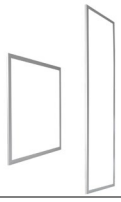
LIFETIME OF THE LEDS @ TQ 25°C

All configurations	50,000h - L90

DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	INDU PANEL 1 - 595x8.8x595 | 23.4x0.3x23.4 INDU PANEL 2 - 1195x8.8x295 | 47.0x0.3x11.6
Weight (kg | lbs)	INDU PANEL 1 - 2.1 | 4.6 INDU PANEL 2 - 2.3 | 5.1
Mounting possibilities	Suspended mounting Surface mounting Ceiling-recessed

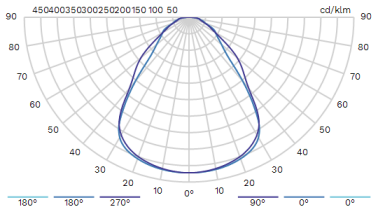


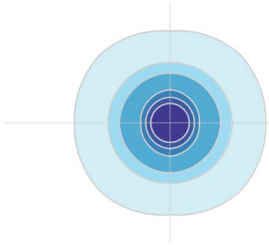


			Luminaire output flux (lm) Neutral White 840		Power consumption (W)		Luminaire efficacy (lm/W)
Luminaire	Number of LEDs	Current (mA)	Min	Max	Min	Max	Up to
INDU PANEL 1	180	50	3400	3600	30	30	120
INDU PANEL 2	180	50	3300	3600	30	30	120

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

6558 Low Glare





6559 Standard