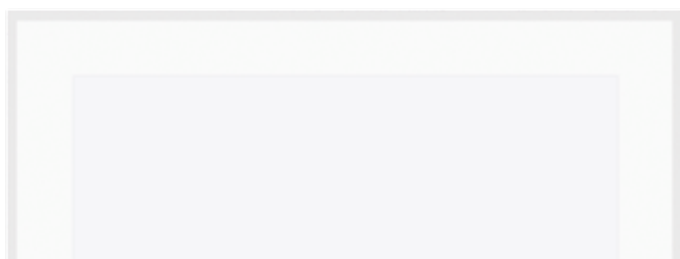




The ideal light to innovate

LED PANEL

Save 60% on energy costs. Find out how



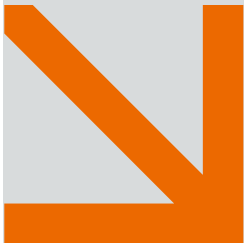
Efficiency

Energy saving

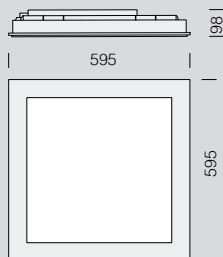
No maintenance

disano 
illuminazione

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Dimensions

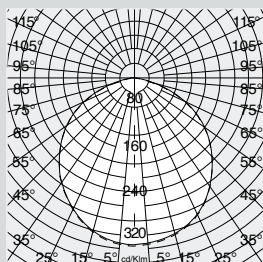


v.a. **IP20IK06**

v.l. **IP40IK06**

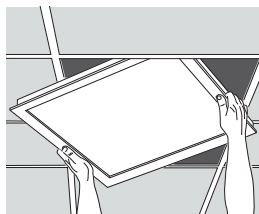
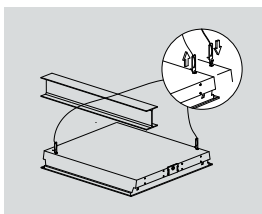


Photometric distribution



Efficiency, energy saving and security

- Photobiological safety class: exempt group
- UGR glare index: compliant with applicable standards * (reflection coefficient: ceiling 0.7 - walls 0.5)
- Power factor >0.9
- Standard 1-10V dimmer, dimmable from 10% to 100%
- Quick connection with plug and socket, no need to open the fixture
- Allowable ambient temperature -10°C to +40°C
- Mounting on false ceiling beams



acc. 320 safety cord

998004-00

Steel safety cord.

Easy installation

Rapid wiring connection, the fixture does not need to be opened, it can be easily embedded into a ceiling, and almost no need for maintenance.

840 LED Panel

LED technology with excellent comfort in a low profile fixture

The superior quality of LED lighting is now more easily available and accessible, thanks to a revolutionary product, which offers, at convenient prices, the ideal light for offices, shopping centres, hotels, healthcare facilities and to generally any kind of space where diffuse light is required.

The luminous flux of 3700 lm is obtained thanks to a total consumption of only 36W, which means that average consumption is lower compared to a conventional lighting fixture.

Further savings can be achieved thanks to the fixture's long service life (50,000 hours) and almost no need for maintenance.

Housing and frame: injection moulded in white polycarbonate, shatterproof and self-extinguishing.

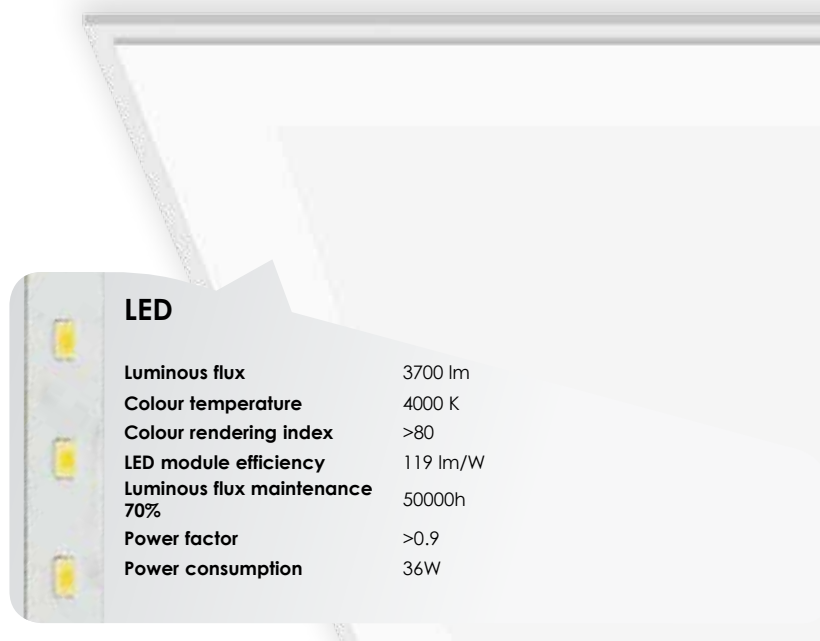
Diffuser: extruded in opal engineering plastic with high thermal transmittance.

Wiring: rapid wiring connection, the fixture does not need to be opened.

840 LED Panel - DIMM

wattage/W (520mA)	colour	CLD CELL-D		W tot	LED (Ta=25°C)
		weight	code		K - ølm (520mA) - Ra
LED white	white	2.90	150200-00	31W	4000K - 3700lm - Ra≥80

W total nominal: 31



LED

Luminous flux	3700 lm
Colour temperature	4000 K
Colour rendering index	>80
LED module efficiency	119 lm/W
Luminous flux maintenance 70%	50000h
Power factor	>0.9
Power consumption	36W



Design

A thin and light-weight design thanks to a low-profile and polycarbonate housing.

Uniformity and quality

Its shape guarantees an even distribution of light, while the white-light LEDs (4000 K) emit high quality light, ensuring maximum visual comfort and perfect colour rendering (Ra≥80).

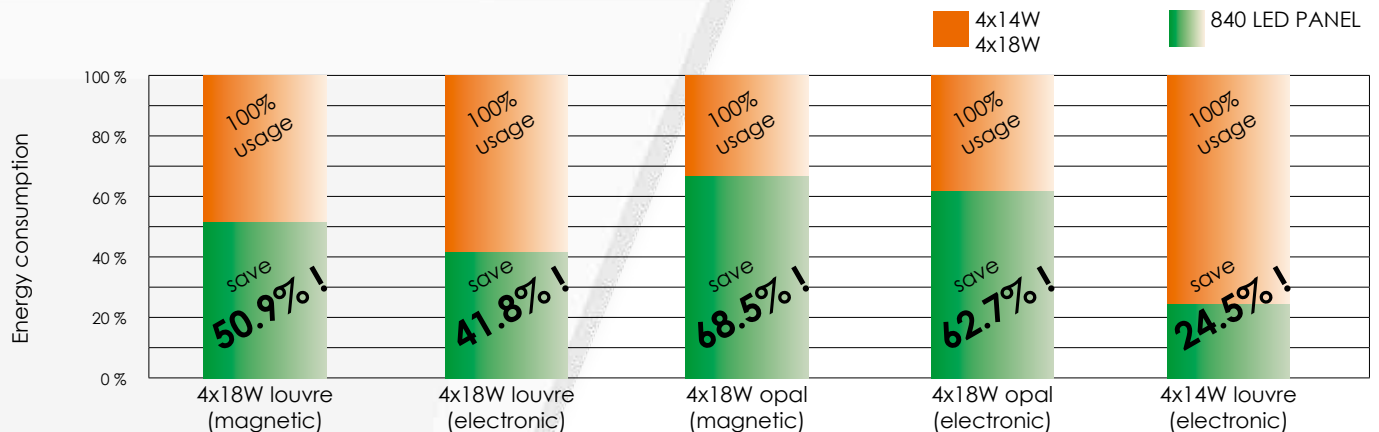
Project comparison: how to save over 40% on energy costs !

Example of lighting calculation

Fixture	power supply	Room	LUX	Tot power input W	Qty	Ptot	Longitudinal UGR *	Transverse UGR *
840 LED PANEL	electronic	5mx3.6mx2.7m	500	36	4	144	compliant	compliant
T5 4x14W louvre	electronic	5mx3.6mx2.7m	650	62	4	248		
T8 4x18W louvre	magnetic	5mx3.6mx2.7m	614	90	4	360		
T8 4x18W louvre	electronic	5mx3.6mx2.7m	614	76	4	304		
T8 4x18W opal	magnetic	5mx3.6mx2.7m	394	90	4	360		
T8 4x18W opal	electronic	5mx3.6mx2.7m	394	76	4	304		

* The UGR index measures the direct glare in every specific application.

Energy saving (comparison with 840 LED PANEL)					
4x18W louvre (T8)		4x18W opal (T8)		4x14W louvre (T5)	
magnetic	electronic	magnetic	electronic	magnetic	electronic
50.9%	41.8%	68.5%	62.7%	-	24.5%



The percentage rates shown in this chart are not the result of a mathematical calculation, but indicate the values assessed between the absorption and emission of light.

Energy saving: comparisons point out that LED Panel ensures greater energy savings compared to ceiling fixtures with opal plates or optical louvre.



The others LED fixtures manufactured by Disano

LED



Milano



Minicomfort LED



Comfort LED



Emergency



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