



The superior quality of LED lighting is now more accessible thanks to a benchmark product that offers, at reduced costs, the ideal light for offices, shopping malls, hotels and in general all those spaces that need constant lighting.

Its shape guarantees uniform light distribution, while the white-light LEDs (**3000/4000K**) generate high light quality, ensuring the best visual comfort and perfect colour rendering (**CRI>80 and CRI 93**).

All this comes with significant energy savings. Savings are even more significant if we consider the long life of LEDs (**50,000 hours**) and no maintenance after installation. In addition to practical advantages, the product's very slim and low-profile design combined with a housing in polycarbonate offers attractive aesthetics. A simple solution to have the most updated technology in terms of interior lighting.

840 LED PANEL:

has obtained the certification of photo-biological safety.
Exempt group.

Evaluation of the Risk Group and graphical presentation of value:



IEC 62471: 2006+IEC/TR 62471-2:2009



Flicker-Free: uniform light with no flicker for greater eye protection.

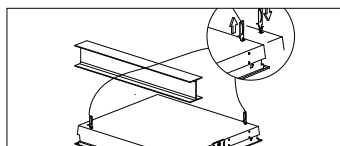
**FLICKER
FREE**



acc. 320 safety cord

998004-00

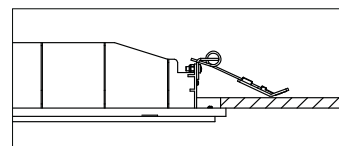
Steel safety cord.



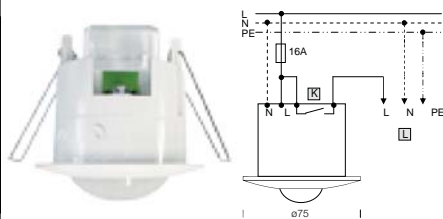
acc. 904 springs

998016-00

Springs for recessed non-surface mounting on plasterboard.



This new energy-saving, super sensitive product is an automatic sensor that is easy, safe and practical to use.



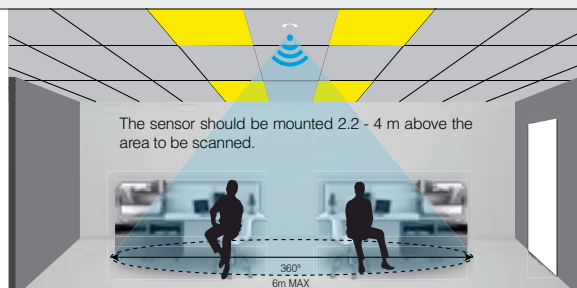
acc. 587 presence and light detector

white 986598-00

Ceiling presence and light detector.

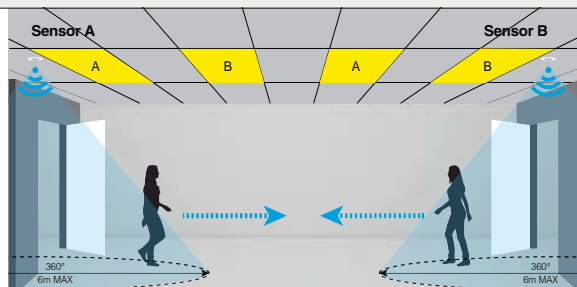
Presence detector - 1

Mount the sensor directly above the area to be scanned. It uses infrared light to capture the movement of people. It immediately detects any presence within its range.



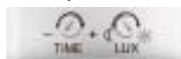
Presence detector - 2

When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

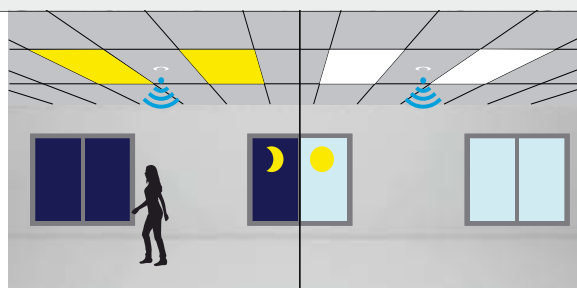


Ambient light sensor

It adjusts the ambient light level at which the sensor operates. If set to ☀, the sensor will operate night and day.



If set to 🌙, the sensor will operate only at night when movement is detected.





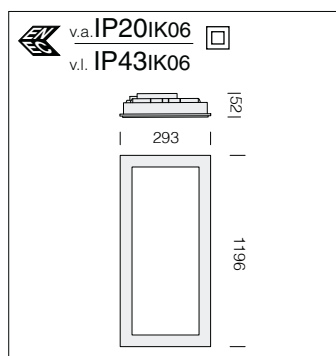
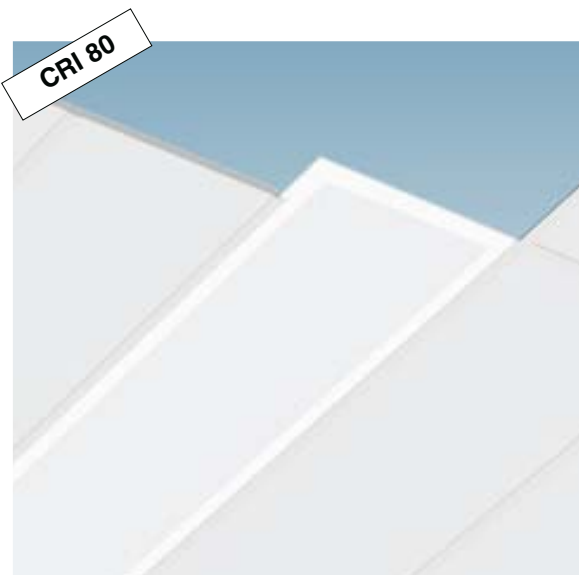
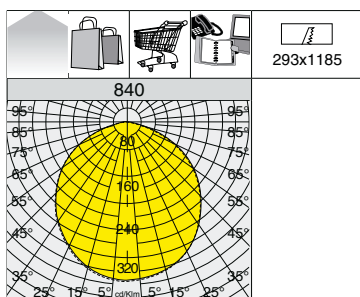
Housing and frame: injection moulded in white polycarbonate, shatterproof and self-extinguishing.
Diffuser: extruded in opal engineering plastic with high thermal transmittance.

Wiring: rapid wiring connection, the fixture does not need to be opened. Standard 1-10V dimmer, dimmable from 10% to 100%.

UGR glare index:

- **Art. 840:** compliant with applicable standards * (reflection coefficient: ceiling 0.7 - walls 0.5).
- **Art. 842:** UGR<19 (in any situation). - EN 12464

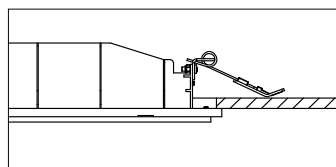
Power factor: 0.96
 Luminous flux maintenance 80% 50000h (L80B20)
 Power consumption art. 840 CRI 80 / 840 CRI 93: 31/46W
 Power consumption art. 740 / 740 R / 840 CRI 93 / 840 R / 842: 36W
 Photobiological safety class: exempt group



Energy savings: save over 30% energy compared to T5 lamps.

On request subcode 0080: versions with bracket (to be ordered separately) for ceiling structure or for plasterboard.

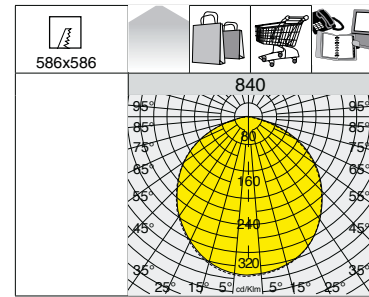
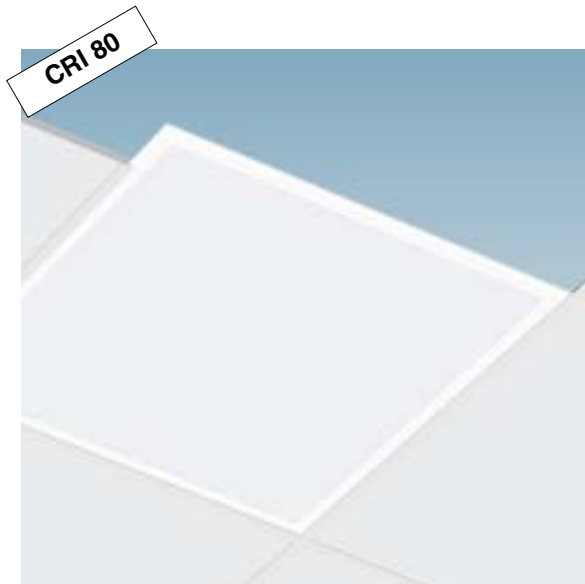
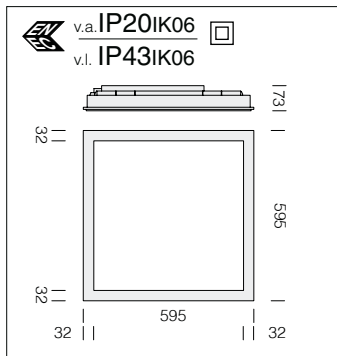
840 LED Panel R - CRI 80 - DIMM					
		CLD CELL-D (1-10V)		LED (Tj=25°C)	
wattage/W	colour	weight	code	W	K - ølm - CRI
LED	white	4.00	150202-00	31	4000K - 3700lm - CRI 80



acc. 904 springs

998016-00

Springs for recessed non-surface mounting on plasterboard.

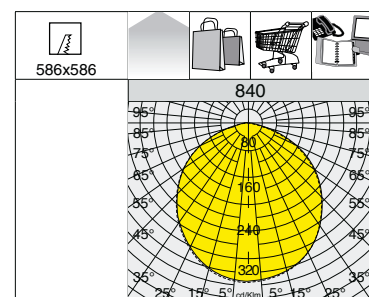
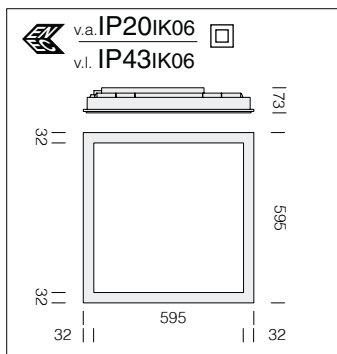


Energy savings: save over 30% energy compared to T5 lamps.

On request subcode 0080: versions with bracket (to be ordered separately) for ceiling structure or for plasterboard.



840 LED Panel - CRI 80 - DIMM					
		CLD CELL-D (1-10V)		CLD CELLD-E	LED (Tj=25°C)
wattage/W	colour	weight	code	code	K - ølm - CRI
LED	white	3.00	150204-00	150204-07 (90 min.)	4000K - 3700lm - CRI 80
LED	white	3.00	150204-39	150200-0739 (90 min.)	3000K - 3500lm - CRI 80



Energy savings: save over 30% energy compared to T5 lamps.

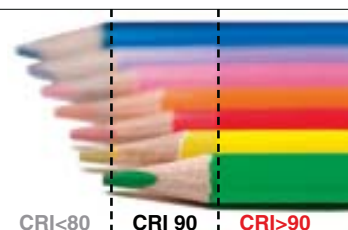
On request subcode 0080: versions with bracket (to be ordered separately) for ceiling structure or for plasterboard.

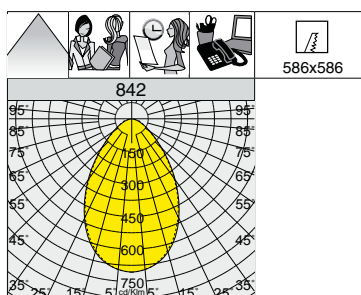


840 LED Panel - CRI 93 - DIMM					
		CLD CELL-D (1-10V)		CLD CELLD-E	LED (Tj=25°C)
wattage/W	colour	weight	code	code	K - ølm - CRI
LED	white	3.00	150200-00	150200-07 (90 min.)	4000K - 3700lm - CRI 93
LED	white	3.00	150200-39		3000K - 3500lm - CRI 93
LED	white	3.00	150203-00		4000K - 4900lm - CRI 93

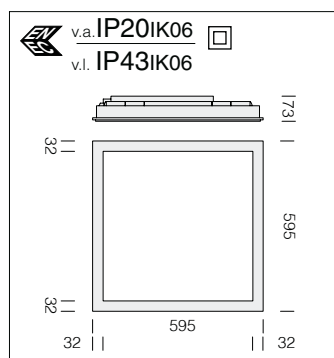
Code 150203-00: high-performance version suitable in places with high ceilings.

The **CRI** indicates how truthfully the artificial light source is able to reproduce the colours of objects. It varies from a range of **0 to 100**, where **0 represents the minimum and 100 is the maximum**. Daylight is the best source of light from a physiological point of view because it contains the full colour spectrum. Therefore, a lamp with a **high colour rendering index is very important** to ensure the wellbeing and comfort of the occupants of a room and it is absolutely necessary in rooms where good visibility is required.





UGR<19



Energy savings: save over 30% energy compared to T5 lamps.

842 LED Panel - Open space					
		CLD CELL-D (1-10V)		LED (Tj=25°C)	
wattage/W	colour	weight	code	W	K - ølm - CRI
LED	white	3.00	150201-00	31	4000K - 3700lm - CRI 80

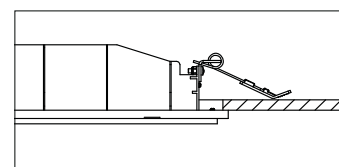
The UGR (unified glare rating) is an international unified measure developed by the CIE (Commission Internationale de l'Eclairage) to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (UNI-EN 12464-1) recommends a specific UGR value for different applications ranging between **10 and 30; the lower the UGR value, the lower the glare.** The exact value of this index differs by project type because it depends on the position of the luminaires, room characteristics (dimensions, reflections) and on the point of observation of viewers.

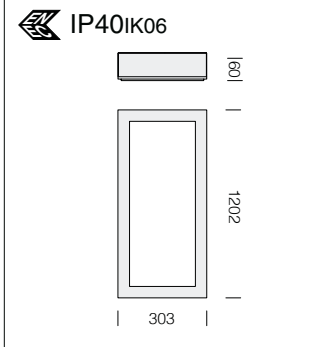
Classification of UGR values by applications		
UGR		
≤ 16		Very demanding applications (technical drawings)
≤ 19		Offices and schools (reading, writing, business meetings, computer work)
≤ 22		Industrial applications, craftsmen
> 28		High glare

acc. 904 springs

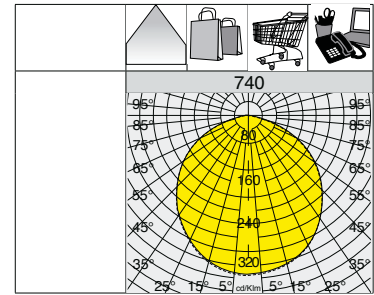
998016-00

Springs for recessed non-surface mounting on plasterboard.



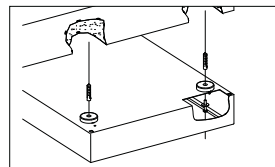
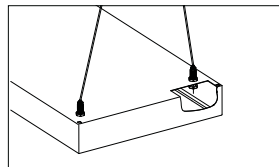


Energy savings: save over 30% energy compared to T5 lamps.

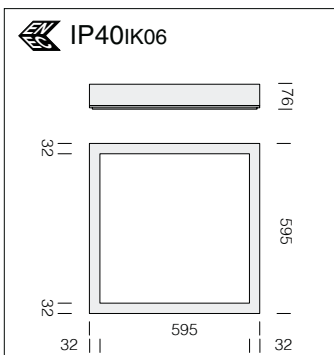


740 - LED Panel R - ceiling fixture - CRI 80					
		CLD CELL-D (1-10V)		LED (Tj=25°C)	
wattage/W	colour	weight	code	W	K - ølm - CRI
LED	white	7.00	140202-00	31	4000K - 3700lm - CRI 80

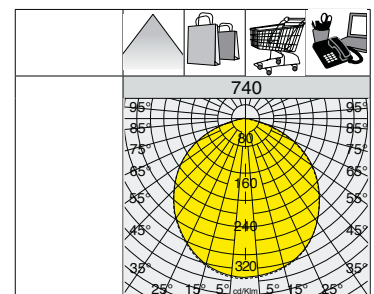
Suspension mount with wires.
Acc. 2519/2608 supplied separately.



Ceiling mount application, accessory-free.



Energy savings: save over 30% energy compared to T5 lamps.

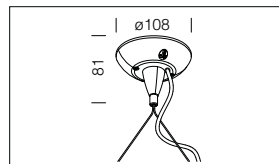


740 - LED Panel - ceiling fixture - CRI 93					
		CLD CELL-D (1-10V)		LED (Tj=25°C)	
wattage/W	colour	weight	code	W	K - ølm - CRI
LED	white	6.00	140200-00	31	4000K - 3700lm - CRI 93

acc. 2519 powered suspension

m. silver 993909-00

Suspension supplied with steel wire, 1.75 m long with millimetric adjustment and power cable. Max load 20 kg. **5 poles.**



acc. 2608 electrified suspension

white 994617-00

Nylon cover and steel brackets. With steel wire Ø1,5mm; L=1,5m - 30Kg, and millimetric adjustment.

