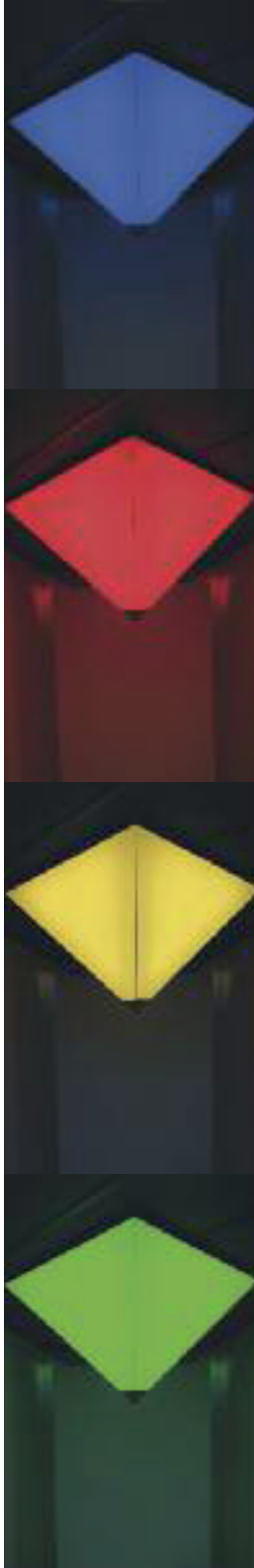




CILING®
Räume neu erleben

CILING®-projects
for commercial and private use



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CILING® main office in Oftersheim near Heidelberg



Left and top: the imposing entranceway to the CILING® showrooms – here the wide variety of CILING®-ceilings will amaze you.

CILING® – the company

„Along with our stretched ceilings, we sell a special feeling for rooms“, according to Bernhard Müller, owner and General Manager of CILING® Deckenvertrieb GmbH.

Quality in the CILING® company is constantly being improved and checked. No standard products but rather practical concepts that are tailored to the individual customer's needs – that is part of the philosophy for sustainable corporate success. CILING® Deckenvertrieb GmbH is the modern service provider for its customers. From product innovations to assembly and optimizing of creative marketing strategies, this family business in Oftersheim near Heidelberg provides extra value beyond mere sales. This holistic service standard is appreciated and honored by new and old customers alike.

With the support of his skilled team Bernhard Müller built up a comprehensive distribution network of specially trained craftsmen from various trades. In the meantime, specialized companies, which take in orders from architects, interior decorators, planners and home-builders, can be found both nationwide and in many European countries. In 2008 the first CILING®-CENTER opened – center for expertise, innovation and showrooms of CILING®-ceilings as well as for all innovative products related to the main motto: "A new experience for your rooms." Only specialized companies with long-time experience and the highest professional competence can become CILING-CENTER.

Technical Data

Flammability	DIN 4102 Teil 1, Class B1 (low flammability) EN ISO 11925-2 + EN 13823 Bs2d0 (Europeanorm/European reaction to fire class.)
Surface weight	ca. 240g/qm
Thickness	DIN 53353; 0,18mm \pm 10%
Density	bei/at 23°C ca. 1,4g/ccm
Reflectometer brightness measure	DIN 67530; ME >60
Cold crack temperature	DIN EN 1876-2; >-5°C
Tear strength	DIN EN ISO 527-3 / 1B / 200: lengthwise 25Mpa; diagonally 23Mpa
Elongation at break	DIN EN ISO 527-3 / 1B / 200: lengthwise 200%; diagonally 250%
Odour	faint smell

Production and technology

CILING®-ceilings are quality products crafted with Swiss precision work so they can carry the SWISSMADE seal of approval.

The tailor-made unique products are environmently friendly and are made out of a high performance vinyl that reflects the newest technology and a harmless synthetic material which is also used in medical technology, in food packaging and drinking water pipes. CILING®-ceilings are guaranteed to be free of: lead, cadmium, mercury, PCP, PCB and silicon.

CILING guarantees quality and provides a 10-year warranty on the workmanship of the high frequency welded seems and the rim-reinforcement. CILING®-ceilings are tear-proof, waterproof, anti-static and totally low-maintenance.



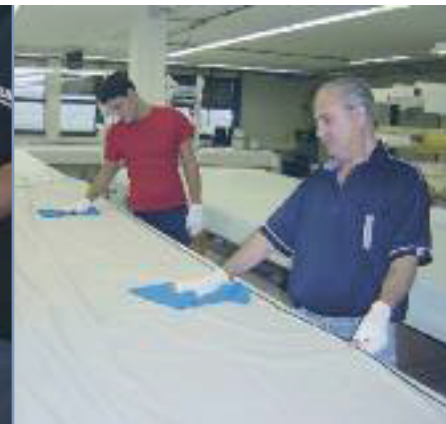
Preparing the rim-reinforcement



Welding the rim-reinforcement with the vinyl



Checking the rimmed stretched ceiling



Final check and cleaning



Ceilings ready to be sent off

The CILING®-system for stretched ceilings

The stretched ceilings from CILING® are a „ceiling-under-the-ceiling-system“, in which the old ceiling is fully covered but remains completely untouched. Just as every room looks different, each ceiling is also unique, tailor-made and custom-built for each individual room.

CILING®-ceilings are mounted within a few hours. First a profile system is installed at the desired height around the circumference of the walls. This serves as the mounting. The stretched ceiling is made malleable by heating the air in the room. The heated stretched ceiling can be mounted by a professional craftsman in the profiles – using the rim-reinforcement.

Aside from a bit of dust from the drilling machine, there is no mess from installation. The rooms can be used again immediately; all the furniture can stay in the room. CILING®-ceilings can be taken down and installed by a qualified craftsman without difficulty as needed (i.e. when replacing the transformer).





Bolting the profiles



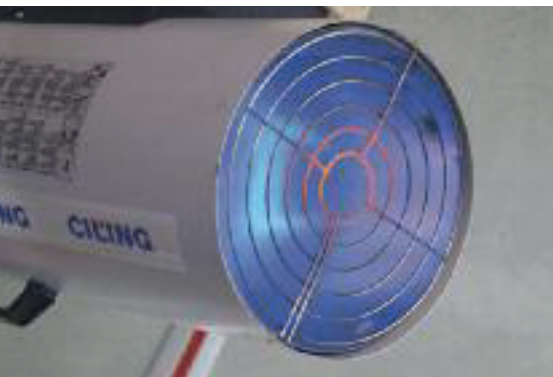
Sub-construction for the built-in lighting are fitted



Installing the wires for the lighting



The stretched ceiling is clamped at all corners



CILING®-gas-burner for heating up the room



Fitting the ceiling with the CILING®-spatula



Fitting the ceiling



Attaching the ring for the lighting with CILING®-glue



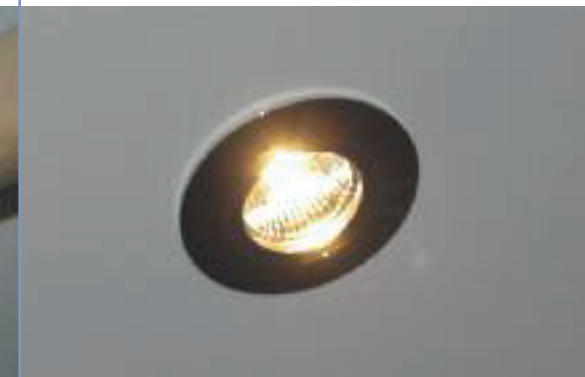
Cutting away the vinyl on the inside of the ring



Opening for installation of lighting



Installing the lighting

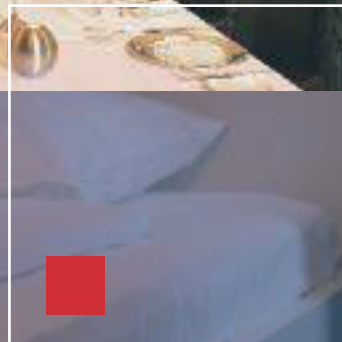


Completed built-in spotlight

Restaurant – two large canvas ceilings, demounted, size: 750 x 180 cm, CILING®-ceiling burgundy glossy



Banquet room – 3 CILING®-ceilings on different levels: white matt with lighting, yellow matt with spot lights and a starry sky, white matt for the renewable air conditioning box sections.



Construction and design

CILING®-ceilings offer countless design possibilities: you can choose between glossy or matt ceilings as well as between bright or subdued color tones. Glossy ceilings give a special effect: they reflect and thus enlarge every room optically – an effect that cannot be achieved with other materials.

In addition the CILING®-ceiling is attractive because of its flexibility in shape. These ceilings can also be produced with a wave or even in a zigzag: the imagination can run riot! Slanted ceilings as well as stairwells can be covered with no problem. Even wires and pipes can be hidden and old ceilings simply disappear under the new ceiling.

Fitting requires little space. A built-in height of 0,5 cm is possible; if lighting elements, fans or air conditioning are to be integrated, the built-in height changes. To optimize the lighting conditions, CILING® offers a wide-range of appropriate lighting components (see pages 16 and 17). Of course it is also possible to use available designer lights or even a chandelier.

With a combination of light and ceiling design as well as the easy installation, CILING®-ceilings are a professional solution for every room – in both old and new buildings.

Bridging system construction

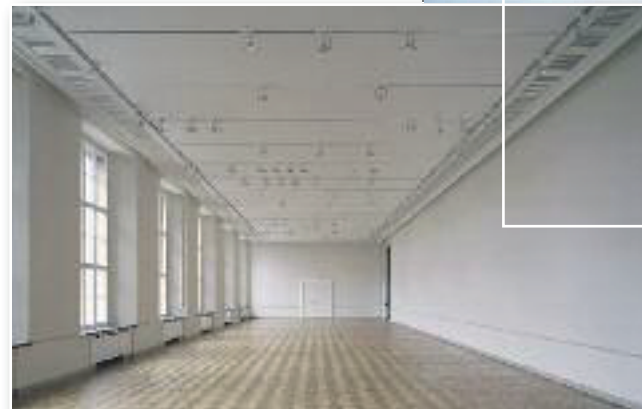


Before – with a glass ceiling

CILING®-ceilings matt

Commercial building – the Egyptian Museum

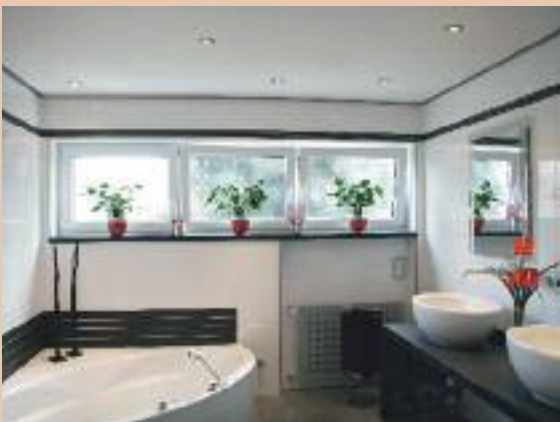
The Egyptian Museum in Berlin has one of the most significant collections of ancient Egyptian cultural artifacts in the world, which can be viewed on the top floor of the Old Museum since 2005 until 2009. In order to protect the Nefertiti and the other busts from too much light during this time, a gigantic structure was built under the already installed glass ceiling, which holds the 1200 sq m large white matt stretched ceiling from CILING®. A special profile was developed for this and a connector was built. The special feature: a creation of a self-supporting ceiling cover with little weight of its own under a glass lighted ceiling.



Afterwards – with the stretched ceiling from CILING® in white matt

Fitting the CILING®-ceiling





Private rooms

High-class modernization in a private home – complete house modernization with little effort and mess. In contrast to the 20-year old dark wood ceilings, the effect of a white matt CILING®-ceiling comes across as very luxurious.

CILING®-ceilings glossy



Commercially used
buildings



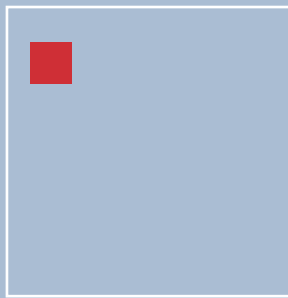


Private Objekte
Private rooms



Lighting

Light is the basis of our life and influences on our well-being. Mood lighting and colors affect our feelings and perceptions directly and indirectly. In addition they support the regeneration and healing processes in our bodies. Thanks to modern controlled technology artificial light makes it possible to create lighting situations which offer us the atmosphere we need or want.



*Design line starburst sky mit AMP recessed lighting fixtures „the original“
gold (left), chrome (right). Further colors: white, premium steel, aluminum optic*



*CILING® round line with AMP recessed lighting fixtures
High-quality aluminum lights with bayonet closure, middle part pivotable
chrome (left), stainless steel (right)
Further colors: white, gold matt, gold glossy, aluminum optic, graphite*



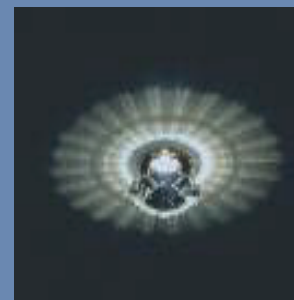
*„Dream Light Melody“
Swarovski spot with crystals*



*„Dream Light Ice Color“
Swarovski spot with crystals*



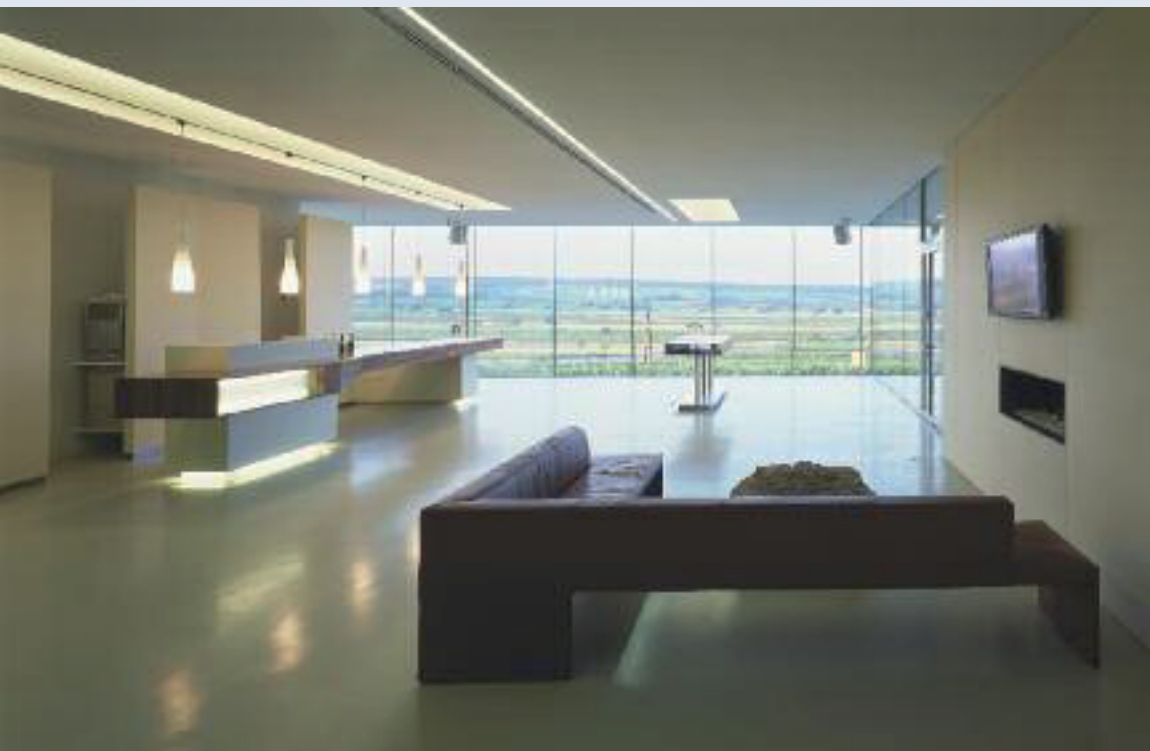
*CILING® square line with AMP recessed lighting fixtures
High-quality aluminum lights with bayonet closure, middle part pivotable
aluminum optic (left), gold glossy (right)
Further colors: white, chrome, gold matt, stainless steel, graphite*



*„Dream Light Atlas“
Swarovski spot with crystals*



*„Tabea“
Swarovski spot*

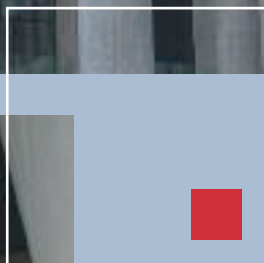


CILING® lighted ceilings and lighted walls

Lighted ceilings and lighted walls represent the perfect combination of maximum functionality and minimal dominance: light instead of lamps. A tailor-made lighting solution for ceilings and walls is discrete in order to enable concentration on the essentials. CILING® offers completely coordinated and adapted solutions. The variety of profiles and fittings enable the construction of lighted ceilings in every imaginable form.

The back-lit lighted ceilings from CILING® are an alternative to the conventional glass-lighted ceiling. The secret of the lighted ceiling lies in the translucent diffusion foil LUXELL. This means that the foil used here is not transparent but rather light-permeable. Special lights (white, colored, or with changing colors) behind the ceiling ensure uniform, two-dimensional illumination. Here the illuminated surface is seen but the light source behind it is not seen. In order to give lighted ceilings and lighted walls a color illumination the red, green and blue colored fluorescent lamps are mixed. They can be programmed and individually controlled. Fascinating colors result from this principal of color mixing; more than 1.6 million color nuances are possible from the visible light spectrum. This way the sunset and the course of the day can be easily imitated through different techniques. The lighted ceiling not only need high design standards but also the requirements for suitable lighting for the place of work.

The possibilities for control and homogeneous lighting are divers. Light management tailored to individual needs can therefore be developed. CILING® lighted ceilings are more than just a ceiling: They are ideally suited for special lighting ideas. Thanks to the high elasticity of the materials, unconventional two and three dimensional forms are possible. The sky's the limit!



Palace of Arts
 Ludwig-Museum Budapest
 Highlight: 6 hanging lamps,
 Outer skin Luxell foil,
 upper ϕ 2,50 m, lower ϕ 1,65 m,
 funnel height 4 m,
 RGB-Control.
 The lower sides can be removed for maintenance.



Manufacturer of the lighted ceilings: CILING Deckenvertrieb GmbH, Oftersheim
 Contractor: LITE-LICHT GmbH, Herzebrock-Clarholz



Miele showroom, headquarter Gütersloh – ca. 20 RGB-lighted ceilings create a light atmosphere in every color desired.
 Adjustable rim construction with a pull-out rope and RGB-T5 light control via a BUS system

Exhibition stand basell, Düsseldorf – Design Ralf Becker
 Lighted walls with two switchable colors (blue + white)



IHK Westerham – Hinged space construction, shingle-type form, 2-color back lighting, blue and white. Each frame was made to order due to the trapezoidal form of the building.





CILING® lighted ceiling modules – elegant design in square and round

The back-lit lighted ceiling modules by CILING® point the way. They are available as a square or a round module – built-in, built-on or as a free-hanging solution. The latter variation is height-adjustable with a cable glider system attached to the ceiling. In addition quadro lights are also available in a free-standing version.

The overall height here is only 200 mm; with rondo lights a mere 150 mm. Both the square and round modules are available in three different sizes and with a variety of mountings.

The dimmable lighted ceiling modules from CILING® are ready to connect and thus easy to install. They are attached directly or via three or four (depending on the construction) height-adjustable cable glider systems. Afterwards only the electrical connection and insertion of the light source are needed. Thanks to the click system (quadro light) and the bayonet switch (rondo-light) the lighted ceiling modules are easy in maintenance.

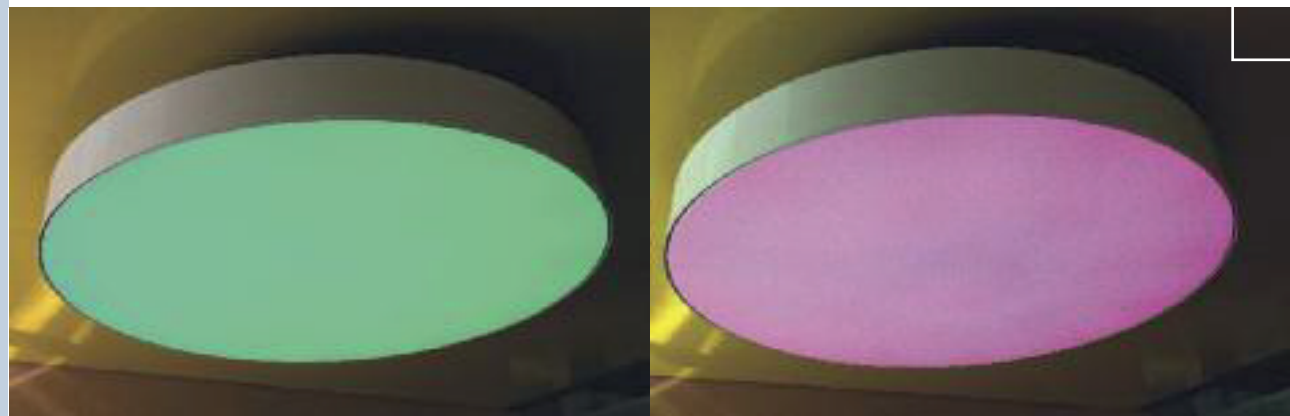
Whether in showrooms, foyers or offices, whether in wellness or living areas, the back-lit lighted ceiling modules can be installed almost everywhere.

The rondo-light with RGB-LED tiling serves one of the newest RGB technologies. With just a few tiles (even distribution of the LED on the tiles) even lighting on surfaces or stretched ceilings can be achieved. The surface lighting achieved in this way is not enough for work place, but it is very interesting and usable as effect lighting and colorful space lighting.

A comprehensive color-play with over 12 million color combinations and an affordable, easy to use light control technology (i.e. via a modern infrared remote control device) gives a complete room, an entrance or wellness area the desired individual color nuance.

Even colorful effects and “colored clouds” are possible through the use of active RGB-LED tiles.

The quadro series can also be fitted with this innovative RGB technology. In the process, the special advantages of the low construction and the easy maintenance of the rondo and quadro series still apply with no restrictions.



Rondo light with passive RGB-LED tiles

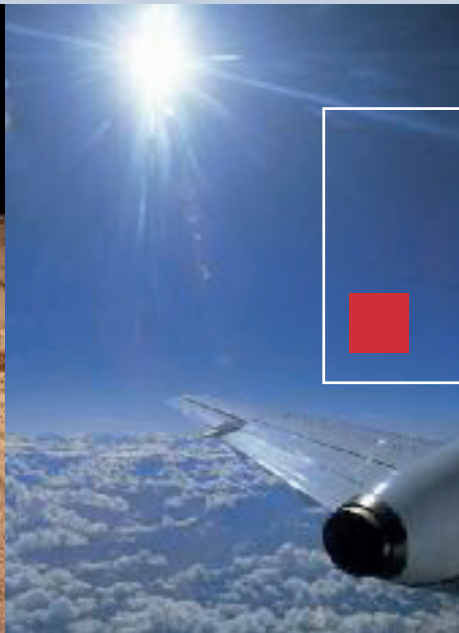


Lighted ceilings from CILING® with photo-print

The Luxell foil can be printed – with any motif desired. Thanks to the back lighting the optical results are incredible.

If a cloud-covered sky with a treetop is used as a motif, you have the feeling that you are looking into the sky.







Wellness

Wellness is the market of the future and a unique design will be indispensable. Trompe d'oeil paintings on walls and ceilings as well as colorful or neutral glossy or matt stretched ceilings, including lighted ceilings with photo-print, give the wellness area the final touch. This produces gorgeous rooms that are imaginative and atmospheric. It applies to all rooms whether the swimming pool, the sauna area, the therapy or quiet room.

In cooperation with the company Sodares, a „VitaReturn“ wellness oasis combines 5 different kinds of therapies in just 10 square-meters of space. The octagonal-shaped room takes every detail into consideration from the slate-colored floor to the sparkling black adobe walls to the lighted ceiling with photo-print that changes colors according to the different moods.



Relaxation room with a lighted stretched wall with photo-print

Profiles for built-in installation

CILING® offers reinforced high-quality synthetic profiles as well as a variety of aluminum profiles so that, depending on the function or the form desired, different profile types are available. Also depending on the specifications of the project, there are countless possibilities for combinations among the profiles as well as integrating special elements. Basically there is a choice between smaller profiles for built-in installation and – determined by the statics – larger profiles for self-supporting structures.

Profiles for built-in installation

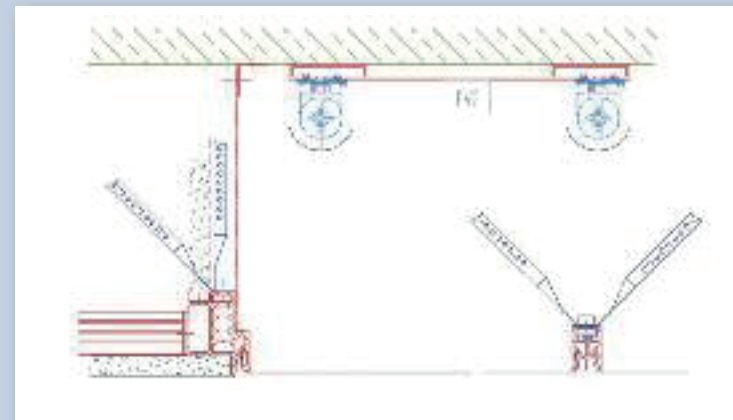


- ◀ Synthetic profiles with decor profiles for a visible attachment to the wall.



- ▲ Dividing profile for CILING ceilings with a large total surface.

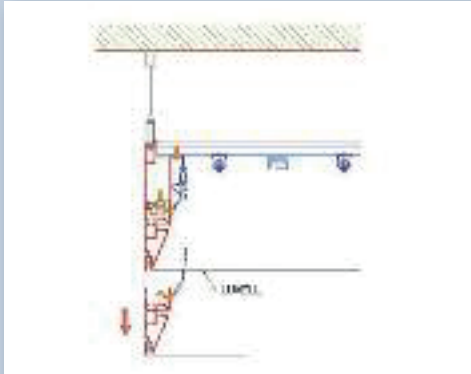
- ◀ Aluminum profile with shadow gap for invisible attachment to the wall: a standard profile that, in long lengths, is permanently built-in. The rim-reinforcement of the CILING®-ceiling is hung around the circumference in the groove.



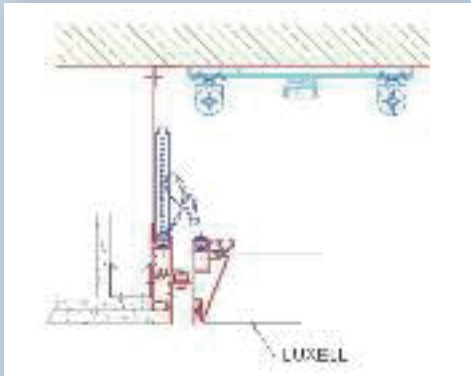
- ◀ Standard profile for direct attachment of a drywall ceiling with a width of 12,5 mm.

Profiles for CILING®-ceilings and CILING® lighted ceilings

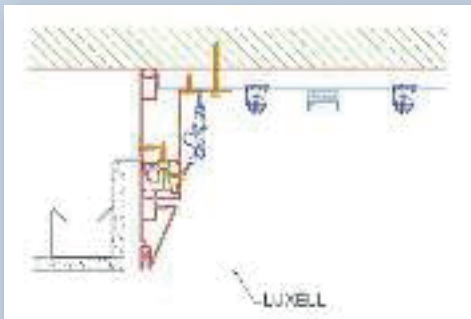
Profiles for self-supporting construction



- ◀ Profile construction set for hanging light units with removable mechanism.



- ◀ System detail for large-scale CILING®-ceilings with detachable construction.



- ◀ Detachable profile unit for the fitting of lighted modules.

