ZUMTOBEL

EMERGENCY LIGHTING

PROGRAMME OVERVIEW

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SAFETY FIRST

When it comes to human life, fail-safe performance is essential. Safety lighting must work – at all times and reliably. It must comply exactly with standards to ensure continued safety if damage occurs. That's why each individual luminaire is inspected thoroughly at Zumtobel, and certified by independent authorities. The aim is to ensure long-term, fault-free operation with minimum maintenance, under the wide-reaching Zumtobel guarantee.

QUALITY MADE IN AUSTRIA

Quality begins at the production stage. Safety and escape-sign luminaires from Zumtobel are produced at the company's headquarters in Dornbirn. Before they leave the factory, they go through multiple in-house tests and are then sealed with a label. In addition, independent testing bodies and renowned institutions also confirm the light technology's safety, sustainability and premium quality.

EXTRA-ROBUST DRIVERS

The life time of the safety lighting largely depends on the control gear – which is why the latest EMpower PROset control gear generation is characterised by extreme robustness and durability. In addition to a life time of up to 200 000 hours, the driver has intelligent functions that offer additional protection for the luminaire. Essential parameters, such as operating hours in network and emergency operation or faults, are monitored continuously and stored in the black box. This data is read using the PROset app, providing important information for troubleshooting.

Safety

Sustain-
ability

DIN 4844
500 cd/m²

Best
lighting
technology

BATTERIES WITH A GUARANTEED LIFE TIME

If there is a power failure, the battery is what keeps supplying energy to the LED. Here, Zumtobel relies on sustainability and durability. Instead of batteries containing the heavy metal cadmium, NiMH batteries are used. New batteries are tested for over a year under the most extreme conditions, with only the best batteries subsequently used in the Zumtobel emergency luminaires. With the G5 variants, Zumtobel also offers luminaire models in which the battery is included in the 5-year luminaire guarantee. The standard battery packs of the luminaire portfolio presented here also come with an extended guarantee of 3 years as standard.

EXTRA-EFFICIENT, DURABLE LEDS

Zumtobel uses the latest LED technology and develops optimised lenses and lighting technology for use in its safety lighting. This ensures that signs are perfectly illuminated and that only a minimum number of safety luminaires are required for very large spaces and long corridors. Zumtobel combines this efficiency with extra-long life times. RESCLITE PRO safety luminaires use the latest LEDs to achieve a life time of 100 000 hours with a reduction in luminous flux of just 5 % (L95). This guarantees maximum reliability.

G5 safety luminaires video

SUSTAINABLE EMERGENCY LIGHTING

Being green is in our genes: that's why at Zumtobel not only the safety signs are green, but also the production and the products. With our efficient luminaires, durable components and sustainable materials, we are protecting the environment and taking responsibility for the future.

MAXIMUM EFFICIENCY

The lower the power consumption, the better for the environment. In recent years, it has been possible to continually reduce the connected loads of the Zumtobel safety and escape-sign luminaires thanks to advanced LEDs and drivers. Even in luminaires with high luminous efficacy, the connected load is now under 5 watts. Added to this is modern lighting technology, which means that even a small number of luminaires is sufficient to illuminate large areas. This also brings financial benefits: fewer luminaires means less installation, commissioning and maintenance work.

DURABLE COMPONENTS

A long life time is the largest factor in creating sustainable products. Safety and escape-sign luminaires from Zumtobel have a life time of up to 200 000 hours, equivalent to continuous operation of over 20 years. In addition to the drivers, the robust aluminium housings with excellent thermal management and optimal cooling also make an important contribution to the sustainability of the products. Intensive testing ensures that only the most powerful batteries are used. The result: the G5 models with a 5-year guarantee. Backwards compatibility also makes an important contribution to sustainability. This means that only defective components need to be replaced when necessary, which can be done in a few simple steps.

SUSTAINABLE MATERIALS

Zumtobel safety and escape-sign luminaires are free from environmentally damaging and toxic materials. By using nickel-metal hydride batteries, the heavy metal cadmium, for example, is no longer needed. In cooperation with external institutes, targeted material evaluation studies are carried out to prove the sustainability of the products.

CONSISTENTLY ENVIRONMENTALLY CONSCIOUS

Sustainability encompasses the entire life cycle of a product – from manufacture to transport and operation to disposal. Environmental declarations are available for Zumtobel safety and escape-sign luminaires, listing and assessing the impact on the environment in detail. The company headquarters in Dornbirn also sets an example, by using electricity from its own photovoltaic system and hydroelectricity for production, enabling Zumtobel to reduce its emissions in Austria to net zero.

THE SIMPLEST WAY TO AN OPTIMAL SOLUTION

The range of Zumtobel services and programmes is continually being expanded to help customers achieve their goals quickly and easily. Experts advise and support customers through every stage of the project – from tendering and acquisition to the realisation of the construction phase. Zumtobel maintains direct contact with its customers and helps them on site when necessary. This is made possible by our own worldwide network of sales and service locations.

TENDERING AND PROJECT DESIGN

User-friendly apps help you find the perfect emergency lighting in just a few easy steps. In addition, Zumtobel sales representatives are available to answer any questions.

QR CODE

Zumtobel luminaires come with a handy QR code on the packaging. This links directly to the online data sheets, installation instructions, certificates and other information.

INSTALLATION

Zumtobel products are designed to be installed with as few tools and in as little time as possible. The instructions take you step by step through the installation, configuration and commissioning of all of a system's functions. Zumtobel safety and escape sign luminaires are ready for operation in just a few simple steps.

COMMISSIONING BY ZUMTOBEL

In the case of group and central battery systems such as ONLITE central eBox or CPS, correct commissioning is extremely important. Zumtobel service engineers or special commissioning partners therefore provide full support with all their specialist knowledge. We use a global network of partners who regularly undergo training at our headquarters in Dornbirn.

MAINTENANCE

After the commissioning stage, Zumtobel will also look after the regular maintenance of the emergency lighting system on request, helping to guarantee constant availability and operational safety. This also means that the lighting system can be continually adapted to new circumstances in the building, such as extensions or revised layouts.

zumtobel.com/service

GUARANTEE AND SPARE PARTS

The 5-year guarantee covers the entire Zumtobel product portfolio, including control gears and LED modules. Also available are the G5 variants, which include a 5-year guarantee for the battery. Batteries and control gears are available as spare parts for the entire product range.

5
YEAR GUARANTEE

zumtobel.com/guarantee

APPLICATION AREAS

Lumen Museum, Kronplatz | IT

Recommended products:
COMSIGN, PURESIGN, RESCLITE PRO, ONLITE central eBox, ONLITE central CPS

ART AND CULTURE

Stylish solutions in emergency lighting are created by an innovative interplay of lighting technology and design. Internationally renowned designers such as EOOS have been working on the product portfolio for many years. The various members of the RESCLITE PRO family of recessed luminaires are true champions when it comes to unobtrusive integration into architecture. With a diameter of 85 mm – or just 50 mm in the case of the mini variants – the luminaires are extremely small and, thanks to their impressive performance, only required in small numbers.

Art and culture applications place huge importance on lighting scenes. Single-battery luminaires can be perfectly integrated into the LITECOM lighting control system, which is ideal for this purpose.

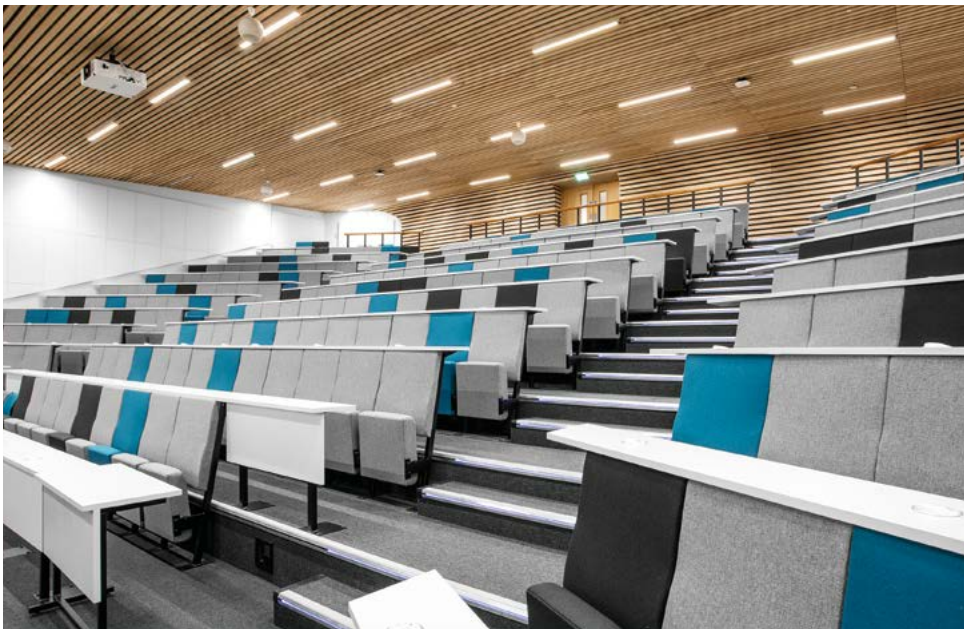
Aerocompact, Satteins | AT

Recommended products:
COMSIGN, PURESIGN, RESCLITE PRO antipanic, ONLITE local emCON, ONLITE central eBox

OFFICES AND COMMUNICATION

A pleasant environment creates a good impression for both customers and employees. Made of precious aluminium, the PURESIGN and COMSIGN escape sign luminaires feature a discreet design that helps them blend perfectly into modern office interiors. There is an economic aspect as well: High quality materials are not only visually attractive, but also durable.

The central monitoring of smaller, locally supplied buildings is taken care of by LITECOM, emCON or the SB 128 controller. Medium-sized and large buildings are centrally supplied and automatically checked via the eBox solution.



University West England, Bristol | UK

Recommended products:
COMSIGN, PURESIGN, CROSSIGN, RESCLITE PRO, ONLITE central eBox

EDUCATION AND SCIENCE

Schools, universities and libraries often cover large areas. Spacious buildings or rows of buildings form medium-sized to large complexes with various different rooms and circulation areas. As a cost-efficient yet effective group and central battery system, eBox ensures a high level of safety.

Escape routes and doors have to be marked and illuminated properly. The introduction of a range with an ERI spot now means that a single luminaire can fulfil both of these functions. The RESCLITE PRO escape wall has rapidly gained a reputation as an optimal solution for stairwells. Luminaires in sports halls are protected with a ball-proof grill – unless the IP65-protected RESCLITE PRO surface-mounted ceiling luminaire is used, they are already ball impact resistant.

Winery & Design Hotel Roxanich, Motovun | HR

Recommended products:
COMSIGN, PURESIGN, ERGOSIGN, RESCLITE PRO, ONLITE central eBox, ONLITE central CPS

HOTEL AND WELLNESS

Unobtrusive in everyday life, safe in an emergency – superior design and high-quality materials ensure a perfect solution every time. Just one of many examples: The COMSIGN escape sign luminaire with transparent acrylic glass and cord suspension seems to simply float in the air.

Another factor is the number of fittings required. Luminaires with ERI spots are safety luminaires and escape sign solutions in one single product. PURESIGN and CROSSIGN illuminate escape routes for up to 13 metres – and therefore make it possible to replace separate safety luminaires in these areas.

Eurospar Schwefel, Dornbirn | AT

Recommended products:
ARTSIGN, COMSIGN, PURESIGN, CROSSIGN, RESCLITE PRO escape, ONLITE local

PRESENTATION AND RETAIL

Emergency lighting in areas used by the public has to comply with a large number of regulations and standards. At the same time, many shop owners are committed to sustainable operation. Zumtobel is a pioneer when it comes to environmentally friendly raw materials. Our luminaires also feature low energy consumption, durable and low-maintenance LED technology, as well as an electronic system optimised for emergency lighting.

Many retail areas are fitted with a TECTON continuous-row system to ensure excellent adaptability. Safety luminaires with adapters can be quickly and flexibly integrated into the solution. ONLITE local provides a self-contained solution for each store, enabling a cost-effective way of configuring and monitoring separate battery luminaires.

Ars Biomedica, Rome | IT

Recommended products:
ARTSIGN, CROSSIGN, CUBESIGN, RESCLITE PRO, ONLITE central eBox, ONLITE central CPS

HEALTH AND CARE

People need more light as they grow older – a fact that also places higher demands on escape sign luminaires. To guarantee optimal visibility and orientation, Zumtobel relies on standards that significantly exceed the European standard. Zumtobel offers a wide range of products for a large variety of zones and areas.

ONLITE central battery systems and the LITECOM lighting control system are the products of choice for large applications. Thanks to the combination of a central monitoring unit and a central battery system, maintenance efforts are reduced to an absolute minimum.

Stöcklin Möbel AG, Aesch | CH

Recommended products:
RESCLITE PRO, RESCLITE PRO TRINOS, ECOSIGN TRINOS, ONLITE central eBox

INDUSTRY AND ENGINEERING

Harsh environmental conditions are often part of daily life in industrial applications. Zumtobel offers emergency luminaires and emergency sing luminaires in IP54 and IP65 for a reliably illuminated way to safety. A complete IP65-protected lighting installation is created if RESCLITE PRO and ECOSIGN luminaires are integrated into the TRINOS continuous-row system.

Central systems are recommended for monitoring and supply. They protect batteries against the high and low temperatures in industrial areas – depending on application – and minimise maintenance requirements.

Fish
Fish
Fish

SAFETY LUMINAIRES

RESCLITE PRO guides people in an emergency safer and smarter than ever before. Thanks to innovative optics, this small powerhouse meets all the requirements of emergency lighting, combining minimalist design with the highest technical standards.

RESCLITE PRO App
The RESCLITE PRO app makes emergency lighting planning a breeze: After only 3 clicks, the chosen mounting distances between two luminaires and those for the wall are displayed for the chosen mounting height. An article number is displayed automatically and linked directly to the data sheet for further information. The app is available as a homepage for laptops or as a dedicated smartphone app (iOS and Android).

resclitewebapp.zumtobel.com

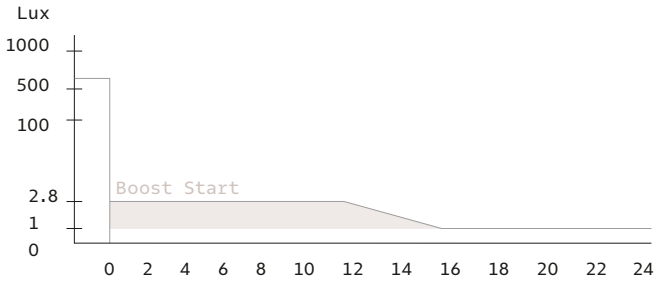
Video RESCLITE PRO

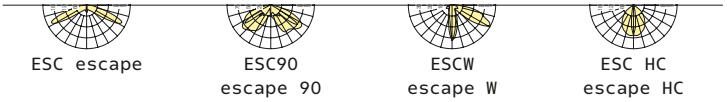
LIGHTING TASKS

Safety lighting has to take over essential tasks in an emergency. It illuminates escape routes, prevents panic and ensures that fire extinguishers and other safety equipment can be found immediately. The RESCLITE PRO product family offers various optics, lenses and light distributions for safety lighting.

Boost Start

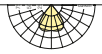
RESCLITE PRO safety luminaires reliably guarantee that escape routes, obstructions and auxiliary equipment can be seen in an emergency. To make sure they are seen as quickly as possible, the Boost Start function helps the human eye adapt more quickly to poorer lighting conditions. In order to do this, the luminaires provide their maximum light level in the initial (and thus crucial) seconds.



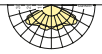


ILLUMINATING ESCAPE ROUTES

People should be evacuated from a building as quickly and as safely as possible in the event of an emergency. Perfect illumination of escape routes is therefore vital. RESCLITE PRO escape covers long corridors with few light points and even illuminate high rooms with ceilings of up to 27 metres (escape HC). If required, innovative optics enable the latest generation to guide the light around the corner (escape 90°) or from the wall to the floor (escape wall).



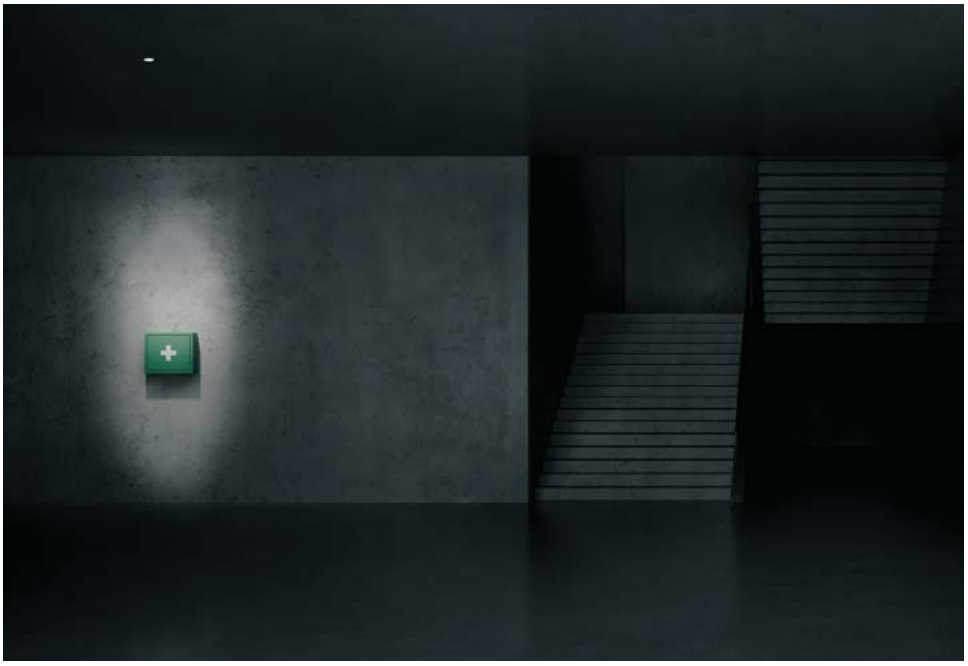
ANT HC
antipanic HC



ANT
antipanic

AVOIDING PANIC

Flat illumination provides orientation in the room and helps minimise panic. Thanks to the rectangular light distribution of RESCLITE PRO antipanic, lighting design is child's play and the room is perfectly lit – right into the corners. The high-performance version (HP) supports higher illuminance levels or wider spacings between two luminaires, enabling large areas to be illuminated with a small number of luminaires.



spot

HIGHLIGHTING OBJECTS

First-aid boxes, fire extinguishers and alarm stations require special attention. All safety-critical objects in a building must be illuminated with at least 5 lux in accordance with EN 1838 – vertically measured on the wall. RESCLITE PRO spot meets this requirement with advanced lens technology that cleverly incorporates a wallwasher function. Compared to a conventional downwards-emitting emergency luminaire, this solution can achieve up to three times higher illuminance levels on a specific object.

RECESSED LUMINAIRES
LOW-KEY DESIGN

RESCLITE PRO RECESSED MINI

An extremely miniaturised form helps the new mini variant practically disappear into the ceiling. The luminaire can therefore be seamlessly integrated into even the most demanding architectural projects – while still offering maximum safety. With an outer diameter of only 50 mm, the inconspicuous ring encloses a powerful LED module that uses unobtrusive lenses for various emergency lighting tasks.

Diameter 50 mm
Ceiling cut-out 40 mm

RESCLITE PRO RECESSED

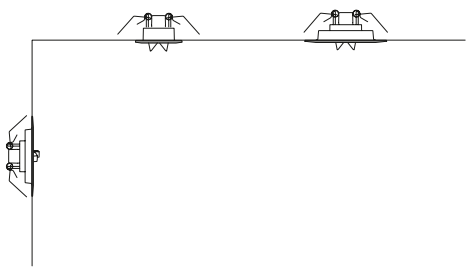
With a diameter of 85 mm, RESCLITE PRO is designed for a standard ceiling cut-out of 68 mm – from a minimum suspended ceiling height of 100 mm. For the ceiling height, 100 mm is already sufficient. Thanks to the flexibly mounted battery pack, the fitting can be pushed easily up into a false ceiling. And the wiring is just as simple, as the terminal allows through-wiring for up to five wires with a diameter of 2.5 mm².

Diameter 85 mm
Ceiling cut-out 68 mm

IP40

Ball-proof
about myResclite

The simple click-on frame gives the round recessed luminaires a square shape that particularly suits the wall-mounted variant.



SURFACE-MOUNTED LUMINAIRES
SIMPLE MOUNTING AND PERFECT PROTECTION

RESCLITE PRO SURFACE-MOUNTED IP40

Surface-mounted versions of RESCLITE PRO can be mounted on the ceiling just as easily as on the wall. Once the base plate is screwed on, the die-cast aluminium lid is simply clicked on – without the need for any tools. The wiring can be inserted from the back or from the side of the fitting. The lens escape wall even makes it possible to achieve the perfect illumination of staircases with an attractive appearance.

Outside dimensions 146 x 146 x 35 mm
Outside dimensions HP variants
E1D, E3D 146 x 146 x 48 mm

RESCLITE PRO SURFACE-MOUNTED IP65

This IP65-protected safety luminaire is optimally protected against dust and water. A special valve also prevents the formation of condensation. This makes RESCLITE PRO suitable for the most demanding surroundings, like those found in industry. In addition, flexible wiring from the back or side of the solution supports easy installation.

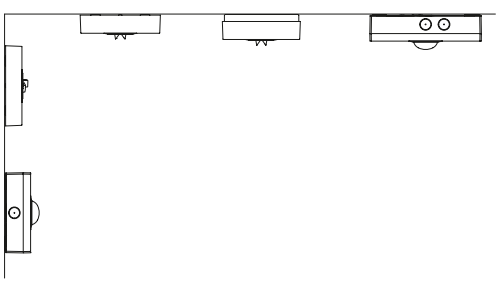
Outside dimensions 200 x 145 x 64 mm

IP40

Ball-proof about myResclite (surface-mounted on the ceiling variant)

IP65

Ball-proof as standard (surface-mounted on the ceiling variant)



CONTINUOUS-ROW LUMINAIRES

PERFECT INTEGRATION

RESCLITE PRO TECTON

Thanks to a handy side lever, RESCLITE PRO can be integrated into the TECTON rail in just a few seconds and without any tools. The light points thereby form an optical unit with the trunking. Simple rotation enables flexible alignment of the light heads, so even transverse escape routes or laterally arranged objects can be illuminated in a targeted manner in a few simple steps. For demanding industrial applications and harsh environments, there is the TECTON continuous-row lighting system and its safety luminaires with higher IP degrees of protection.

Length 800 mm with single-battery power supply and basicDim Wireless module

Length 500 mm with single battery supply

Length 250 mm for centrally supplied luminaires

IP20 IP64 / IP54

RESCLITE PRO TRINOS

RESCLITE PRO and the TRINOS IP65 protected continuous-row system form a hardy and versatile partnership for industrial applications. Safety luminaires are available in all supply variants with a single battery and for central batteries, as well as with a range of optics: antipanic, spot, escape high ceilings and antipanic high ceilings.

Length 1000 mm with single battery supply
Length 500 mm for centrally supplied luminaires

IP65

RESCLITE PROTECT
EXTREMELY ROBUST AND RELIABLE

RESCLITE PROTECT SURFACE-MOUNTED LUMINAIRE (WALL)

The escape route ends at the outside assembly point – not at the outer door. That is why RESCLITE PROtect reliably illuminates the path in the outdoor area according to the relevant standards. With a highly robust, IP65-protected aluminium housing and a heated battery, even the self-contained version can withstand temperatures as low as –20 °C. Optics such as escape wall, escape beam and anti-panic enable this wall-mounted luminaire to consistently offer the right solution.

Dimensions 190 x 190 x 115 mm

RESCLITE PROTECT SURFACE-MOUNTED LUMINAIRE (CEILING)

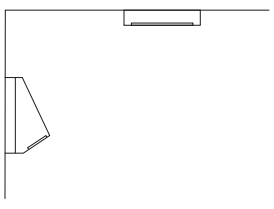
RESCLITE PROtect is ideal for demanding industrial applications – even when central power-supply temperatures are as low as –30 °C. Thanks to battery heating, a self-contained luminaire can withstand temperatures as low as –20 °C, while an IP65 valve prevents any condensation forming inside the housing. With its escape, anti-panic and anti-panic high ceilings optics, the ceiling luminaire offers the range of light distributions needed to perfectly meet the safety requirements of every building.

Dimensions 190 x 190 x 56 mm

IP65

–20 °C for self-contained version
–30 °C for central battery

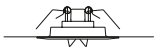
Vandal-resistant



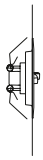
RESCLITE PRO

Recessed

MRCR mini

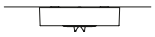


MRCR

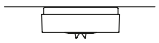


MRWR

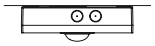
Surface-mounted



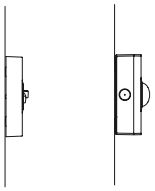
MSC



MSC HP



MSC IP65



MSW MSW IP65

Continuous-row system

TECTON

TECTON IP64/IP54

TRINOS

Optics

escape

escape 90°

escape wall

escape high ceilings

antipanic

antipanic high ceilings

spot

Colours

White RAL9016

Silver[1] RAL9006

Black[1] RAL9005

Types of power supply

Auto test
DALI
Wireless

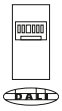
E1D/E1DG5[2]/E1DNM[3]/
E1BC[4]/E1BCG5[4]/E1BCNM[4]
Single battery 1h

Auto test
DALI
Wireless

E3D/E3DG5[2]/E3DNM[3]/
E3BC[4]/E3BCG5[4]/E3BCNM[4]
Single battery 3h

Auto test
DALI
Wireless

E8D/E8BC[4]
Single battery 8h



ECD central battery
DALI

ECP central battery
Powerline

1) via myRESCLITE PRO
2) additional 5-year guarantee on the battery
3) non-maintained mode only
4) for RESCLITE MSC IP65 and RESCLITE TECTON

antipanic wall

escape beam wall

escape wall

antipanic high ceilings

antipanic

escape beam

escape

Graphite grey
RAL 7024
MSW only

White
RAL 9016

ECC central battery
circuit-monitored

ELP central battery
48 V DC Powerline

Auto test
DALI
Battery heating

E1D-H
Single battery 1h

Auto test
DALI
Battery heating

E3D-H
Single battery 3h

Auto test
DALI

E8D
Single battery 8h
Autonomy

MSW IP65

MSC IP65

Surface-mounted **Optics** **Colours** **Types of power supply**

RESCLITE PROTECT

PROPERTIES OF THE RESCLITE PRO PRODUCT FAMILY

Security lighting with high design standards
RESCLITE PRO combines performance with minimalist design. With a choice of white, silver or black finishes, the installed fitting is barely visible – especially when it comes to the new mini version. Even the escape lens now works without a reflector. Inspired by the design flexibility of the TECTON and TRINOS continuous-row lighting systems, RESCLITE PRO offers rotatable light heads that can be aligned individually, ensuring perfect integration.

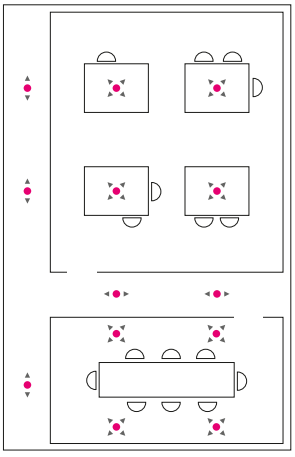
Optics for all cases
Equipped with special lens technology developed by Zumtobel experts, RESCLITE PRO is ready for every requirement and every room type. Escape routes are illuminated both in a straight line and perfectly around corners. The square light distribution of the anti-panic lighting spreads the light evenly in corners, while RESCLITE PRO spot with a wallwasher function precisely highlights essential areas and objects.

Luminaire variety with convenient installation
The RESCLITE PRO range has the right solution for every room situation – from recessed and surface-mounted luminaires for ceilings and walls to miniaturised and IP-protected versions, right through to dedicated luminaires for continuous-row systems. In addition, RESCLITE PRO always impresses with simple assembly that can mostly be completed without tools.

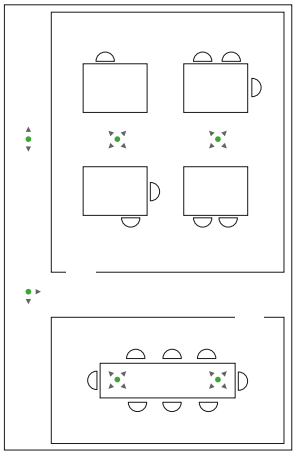
Intelligent technology in the name of safety
Innovative PROset technology enables non-contact addressing, configuration and maintenance of emergency lighting. This means that each luminaire can be programmed via the PROset Pen or with the PROset app via a smartphone.

PLANNING EXAMPLE

Added value through RESCLITE PRO
A high number of light points is required if the emergency lighting is implemented via the general lighting. RESCLITE PRO covers all tasks with significantly fewer luminaires. For this purpose, RESCLITE PRO combines emergency-light-emitting radiance features with high illuminance and high light quality. A smaller number of luminaires means enormously reduced effort on all levels. This makes planning, installation and commissioning much quicker and easier, while maintenance requirements are also minimised. RESCLITE PRO impresses in operation with reduced battery capacity and energy-efficient LED spots that require less than 5 watts of power, helping to cut costs even further.



Emergency lighting implemented via the general lighting.



A solution with RESCLITE PRO requires significantly fewer luminaires.

Mueso del Novecento, Milan | IT

ESCAPE-SIGN LUMINAIRES

Aesthetics are a priority at Zumtobel and the safety lighting is an important part of this. Zumtobel's escape-sign luminaires are the work of renowned designers who focus on consistent clarity and timeless minimalism.

APP ZUMTOBEL ESCAPE-SIGN LUMINAIRES

Finding the perfect solution now quick and easy. With just a few clicks, the app takes you to the best product for the application and enables simple lighting design for the ERI spot. The app is available as a web version or as a dedicated app for iOS and Android.

signwebapp.zumtobel.com

LIGHT IS INNOVATION

ERI-SPOT FOR INTEGRATED SAFETY LIGHTING

The ERI (Escape Route Illumination) spot is an energy-efficient LED spot on the underside of escape-sign luminaires. Combined with a patented lens, this solution focuses the light into powerful light cones. Simply rotating the lens enables the light to be manually adapted to suit the building situation in 90° increments. The light cones can therefore be aligned with the course of the escape routes and adapted for particular architectural conditions, guaranteeing optimal illumination of the escape route.

This animation shows how escape signs and the ERI spot complement each other – for perfectly and evenly illuminated and marked escape routes.
Watch the animation at:

youtube.com/zumtobel

LUMINANCE

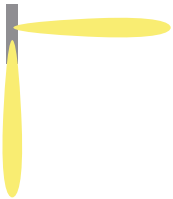
An average luminance of 2 cd/m² is enough to mark escape routes according to the relevant standards in most European countries. Only in Germany is an average luminance of 200 cd/m² or of 500 cd/m² in the white spectrum required in mains operation in accordance with the DIN 4844 standard, and is implemented accordingly in our luminaires (at a standard dimming value of 100 %). In emergency operation, such high luminances are not required and may even dazzle people: at a default dimming value of 10 %, the minimum luminance of 2 cd/m² in accordance with the EN 1838 standard is still far exceeded, while also enabling longer battery runtimes to be achieved.

LIGHT DISTRIBUTION

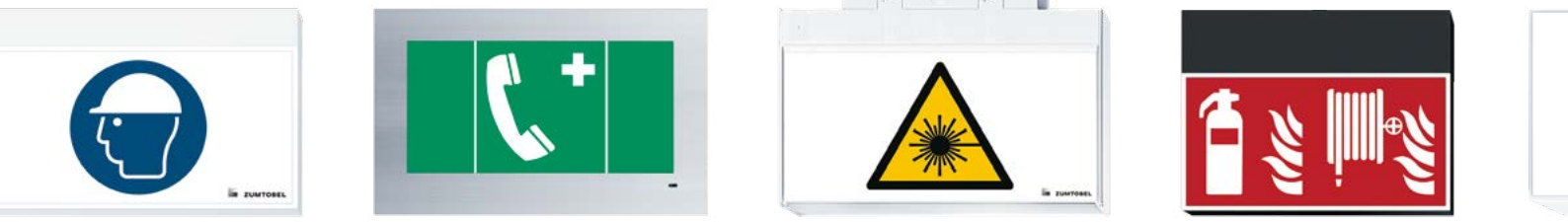
The precise blend of LED lamps, lenses and pictogram creates luminaires that ensure safety in an emergency and deliver a pleasing visual appearance – thanks to their slim design and strong uniformity. The LED is a pinpoint light source that nevertheless perfectly and uniformly illuminates the Zumtobel escape signs. Special optics make sure that the light is distributed efficiently and evenly.

Lenses aligned in the same direction

Lenses aligned in opposite directions – offset by 90°

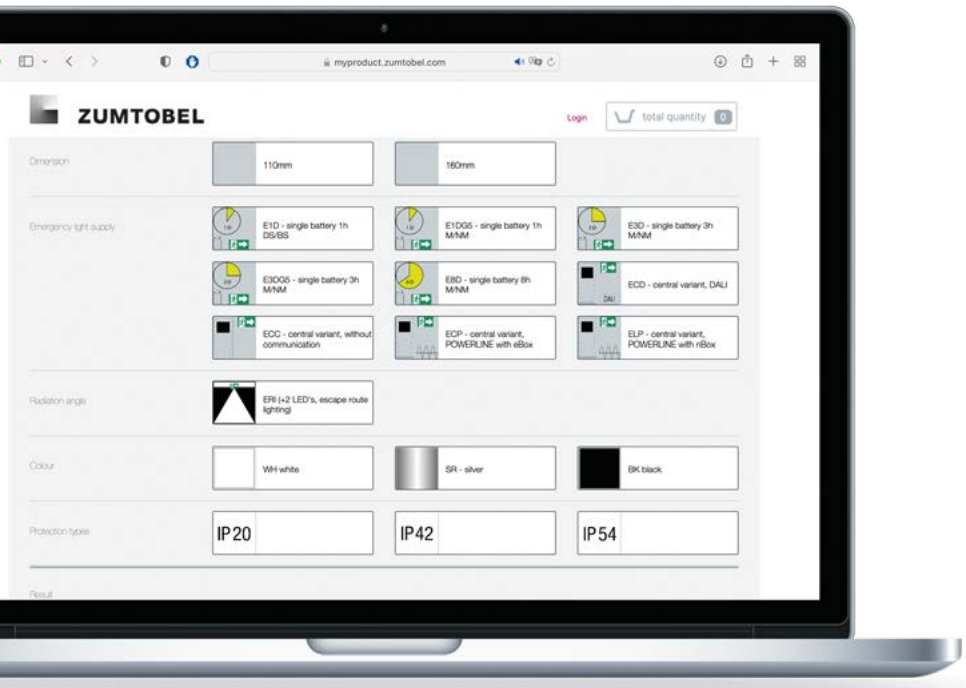


Lenses aligned in opposite directions – offset by 180°



MY PRODUCT VARIANT MANAGEMENT

In order to match every escape-sign luminaire precisely to the spatial and technical conditions, Zumtobel offers an extensive range of custom configuration options. For example, via the myPRODUCT configurator in the online product catalogue, the housing colour can be easily selected: in white, silver or black. Luminaires with ISO 7010 pictograms can also be configured in just a few clicks.



Selecting the right escape-sign luminaire online is quick and easy. Simply access the product area, select the desired product family and open the tab (e.g. myCROSSIGN P). It only takes a few clicks to find the right luminaire.

For the pictograms, the full range of all signs listed in the ISO 7010 standard is offered – for both single- and double-sided signs. It is even possible to combine two different signs within the same category.

ISO 7010 pictograms for Zumtobel escape-sign luminaires (extract)

Category	**E** (Evacuation) Escape signs	**F** (Fire equipment) Fire protection signs	**M** (Mandatory signs) Mandatory signs	**P** (Prohibition) Prohibition signs	**W** (Warning) Warning signs
Safety sign					
Reference number Reference	E001 Emergency exit (left)	F001 Fire extinguisher	M001 General mandatory sign	P001 General prohibition sign	W001 General warning sign
Safety sign					
Reference number Reference	E002 Emergency exit (right)	F002 Fire hose	M002 Read instructions	P002 No smoking	W002 Warning against explosive materials
Safety sign					
Reference number Reference	E003 First aid	F003 Fire ladder	M003 Use hearing protection	P003 No open flames; no fire, open sources of ignition or smoking	W003 Warning against radioactive sub-stances or ionising radiation

ARTSIGN

Design: Matteo Thun

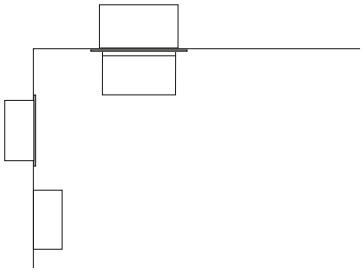
A DESIGN SENSATION IN ITS OWN RIGHT

ARTSIGN is the smallest escape sign luminaire in the Zumtobel portfolio. With a recognition range of 15 m, it is roughly the size of a postcard and blends harmoniously into any room. LED technology supports reliable operation over a long lifetime with absolutely no maintenance. Innovative engineering enables illumination of the escape sign at a standard-compliant luminance of 500 cd/m² in the white light spectrum.

Pictogram dimensions:
150 x 85 x 13 mm (Recessed into the ceiling)
153 x 80 mm (Recessed into the wall)

Protection class:
IP40

Recognition range:
15 m | EN 1838 | DIN 4844



zumtobel.com/artsign

COMSIGN

Design: EOOS

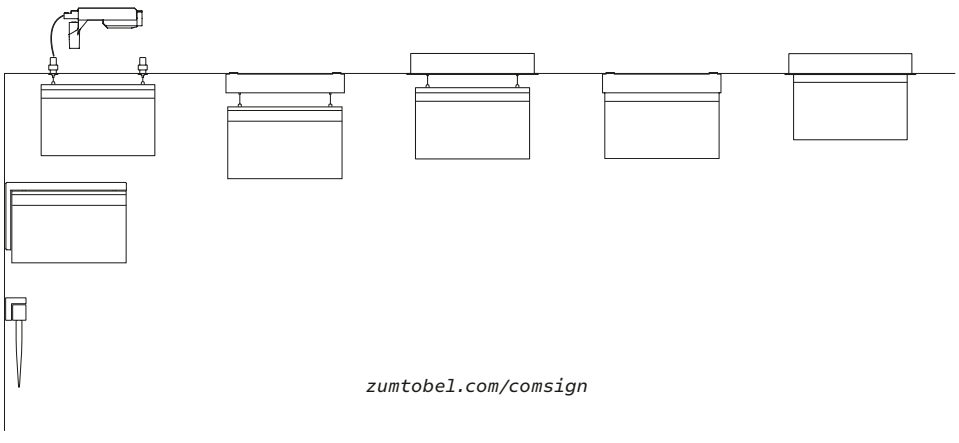
THE PEAK OF LED TECHNOLOGY

COMSIGN is simply perfect – in many ways. Thanks to the transparent acrylic glass, the luminaire appears to float in the room. A surface-mounted element in high-quality aluminium rounds off the delicate design. The gently curved wedge shape takes on both aesthetic and functional tasks. With luminance levels of more than 500 cd/m², COMSIGN achieves a high level of uniformity and a far higher luminance level than required. Combined with the qualities of an innovative LED luminaire – extra-long service life at constant light output – this emergency sign luminaire also delivers the added benefit of low operating costs.

Pictogram dimensions:
300 x 172 x 15,5 mm

Protection class:
IP42

Recognition range:
30 m | EN 1838 | DIN 4844



zumtobel.com/comsign

PURESIGN

product design award 2013

Design: EOOS

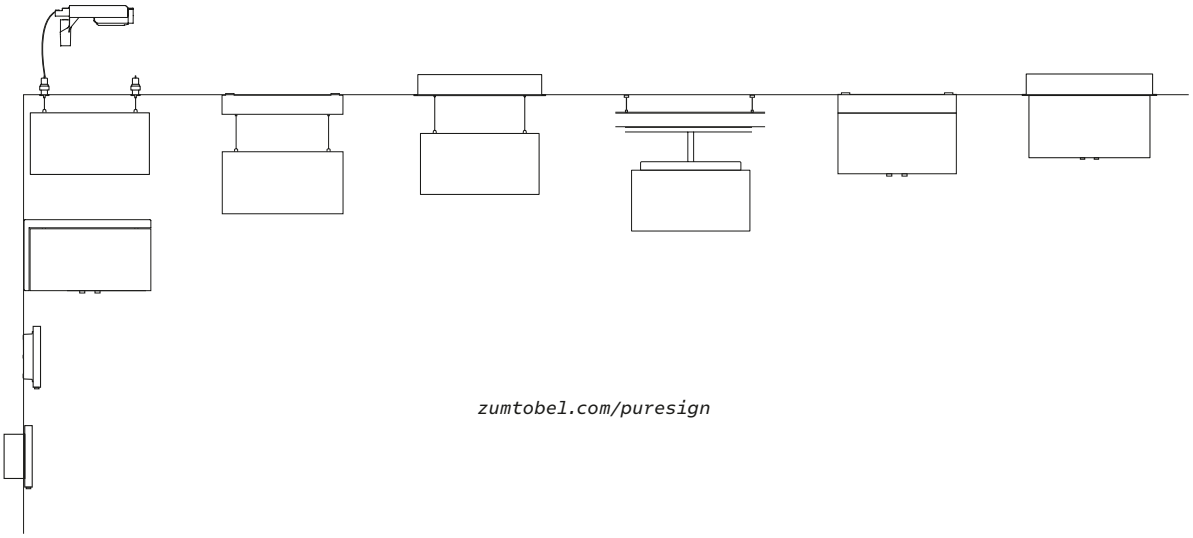
GREAT LIGHTING TECHNOLOGY IN A SLENDER DESIGN

Zumtobel has collaborated with the renowned EOOS design studio to develop emergency sign luminaires that fuse clear functionality with an elegant design – a look so sophisticated that PURESIGN won the iF Design Award. Boasting a width of just 20 mm, this slimline luminaire is strikingly elegant, even in the duplex version. Moving from the outside to the inside, state-of-the-art LED lighting technology provides perfect and extremely uniform backlighting of the pictogram. Rotating ERI spots on the underside mean that PURESIGN emergency luminaires can be specifically adjusted to fulfil the particular requirements of every building.

Pictogram dimensions:
310 x 160 x 20 mm

Protection class:
IP42

Recognition range:
30 m | EN 1838 | DIN 4844



zumtobel.com/puresign

CROSSIGN

Design: EOOS

A MULTITALENT FOR EVERY APPLICATION

Equipped with the latest LED technology, the CROSSIGN all-rounder is fully prepared for a highly efficient future. The specially developed PMMA lens distributes the light uniformly across the entire pictogram, while numerous installation options, two recognition ranges and extremely easy installation demonstrate the application-orientated versatility of this cost-effective LED solution. Two optional rotating ERI lenses on the underside of the fitting turn the emergency sign luminaire into an emergency luminaire as well.

CROSSIGN 110
Pictogram dimensions:
232 x 175,6 x 46 mm

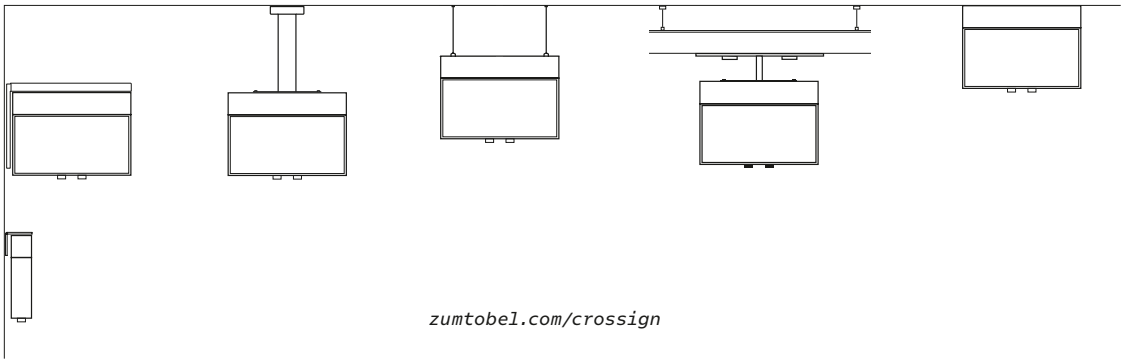
Protection class:
IP42

Recognition range:
22 m | EN 1838 | DIN 4844

CROSSIGN 160
Pictogram dimensions:
332 x 209,6 x 44 mm

Protection class:
IP42/IP54

Recognition range:
32 m | EN 1838 | DIN 4844



zumtobel.com/crossign

ECOSIGN

Design: Matteo Thun

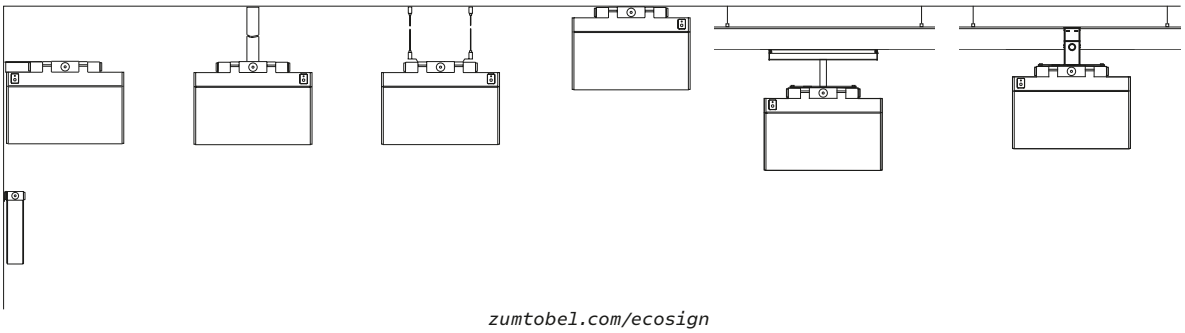
THE HIGHLY FLEXIBLE ALL-ROUNDER

The all-rounder of the Zumtobel escape sign luminaire portfolio combines many different qualities in a single luminaire. Whether in industrial warehouses or car parks, a high degree of protection means that the ECOSIGN is well equipped for any application. With a recognition range of 32 m, a variety of installation options and tool-free maintenance, this solution is flexible in every way.

Pictogram dimensions:
335 x 238 x 55 mm

Protection class:
IP65

Recognition range:
32 m | EN 1838 | DIN 4844



zumtobel.com/ecosign

ERGOSIGN

Design: EOOS

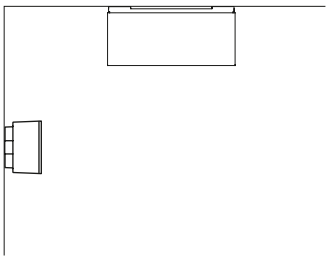
FRAMELESS EMERGENCY SIGN LUMINAIRE

Without LED technology, this combination of small and efficient would never have been possible. Its compact design combined with increased protection of IP54, a recognition range of 16 metres, easy installation and an attractive price make ERGOSIGN a perfect all-rounder that can often be found above escape doors.

Pictogram dimensions:
201 x 87 x 61 mm

Protection class:
IP54

Recognition range:
16 m | EN 1838 | DIN 4844



zumtobel.com/ergosign

CUBESIGN

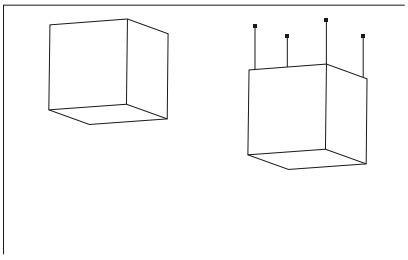
EMERGENCY SIGN CUBE FOR LARGE-SCALE MARKING OF ESCAPE ROUTES

With pictograms printed on three sides, this cube-shaped escape sign luminaire is the ideal solution for high halls and rooms. With a viewing range of 42 metres, CUBESIGN exploits the benefits of modern LED technology for a long-life and economical operation with 100 % output immediately after it is switched on.

Pictogram dimensions:
250 x 250 x 250 mm

Protection class:
IP40

Recognition range:
42 m | EN 1838 | DIN 4844



zumtobel.com/cubesign

CONTINUOUS-ROW LUMINAIRES

PURESIGN: One of several escape sign luminaires for the TECTON continuous-row system

TECTON CONTINUOUS-ROW SYSTEM

One of the reasons for the success of this eleven-pole pre-wired continuous row is the option to integrate emergency lighting. Fitted with special adapters, the escape-sign luminaires are simply clicked into place and – no matter how the trunking is aligned – turned at right angles to the escape route. Even integration in the TECTON IP64/IP54 continuous row with protection can be achieved quickly.

zumtobel.com/tecton

ECOSIGN: In combination with RESCLITE PRO, this escape-sign luminaire enables a fully integrated emergency lighting system to be realised with the TRINOS continuous-row system

TRINOS CONTINUOUS-ROW SYSTEM

This versatile IP65-protected continuous-row system meets the various challenges in a wide range of industrial applications. The integration of either self-contained or centrally powered escape-sign luminaires is achieved by attaching the flexible cable clipper connector and clicking it into the continuous-row lighting system.

zumtobel.com/trinos

	MRC ceiling-recessed	MSC surface-mounted on the ceiling	TEC-GP TECTON continuous-row system	TRINOS TRINOS continuous-row system	MRC-WF15 ceiling-recessed, cord
ARTSIGN IP40 15 m					
COMSIGN IP42 30 m					
PURESIGN IP42 30 m					
CROSSIGN 110 IP42 22 m **CROSSIGN 160** IP42/IP54 32 m also for the IP-protected continuous row TECTON IP64/IP54					
ECOSIGN IP65 32 m					
ERGOSIGN IP54 16 m					
CUBESIGN IP40 42 m					

MSC-WF15 surface-mounted on the ceiling, cord	MRCR-WF15 ceiling-recessed, cord with a remote box	RO5 pendant suspension	MRW wall-recessed	MSW surface-mounted on the wall	MSW 90° surface-mounted on the wall 90°

Marxer-Haus, Active Energy Building, Vaduz | LIE

SAFETY LIGHTING SYSTEMS

Complete systems from Zumtobel not only ensure reliable emergency operation, they also require little planning and significantly reduce the installation involved – safety lighting systems that guarantee maximum reliability with minimum effort.

ADAPTED TO OBJECT SIZE AND USE

For every luminaire, Zumtobel has the right emergency lighting system for addressing, configuring and testing correct functionality. Monitoring and supply systems can also be combined with Zumtobel lighting control systems. This makes monitoring easier: emergency luminaires are configured more quickly and the entire system can be viewed from a central location.

ONLITE LOCAL

Self-contained emergency lighting systems have one feature in common – the battery fitted into every luminaire. In emergency operation, this provides the lamp with power so, for example, it can prevent panicked reactions, ensure the safe evacuation of the workplace and illuminate the escape route. This system is the perfect solution for smaller and medium-sized properties. Economic efficiency and high levels of safety make the single battery power supply system a favourable option. With a running time of one, three or eight hours as required.

LITECOM WITH LITECOM APP FOR EMERGENCY ESCAPE LIGHTING

The LITECOM modular control system is a highly future-proof addition to the distribution board, and saves space too. Together with the LITECOM “emergency escape lighting” app, it makes configuration and maintenance of the emergency escape lighting easier than ever. LITECOM takes over the monitoring of the system and automatically logs the test results in the internal test book. Mixed operation with general lighting is also possible.

EMCON CONTROLLER

Based on the powerful LITECOM architecture, the emCON controller is a specialist tool for monitoring and controlling self-contained emergency luminaires. Up to 192 emergency escape (sign) luminaires can be monitored by each emCON controller.

EMLINK SOFTWARE

For larger systems with more than 192 emergency escape (sign) luminaires, the emLINK software is recommended. This solution allows up to 200 emCON controllers to be connected and centrally managed and monitored.

THE WIRELESS PROBLEM-SOLVER

LITECOM and emCON can also integrate emergency escape (sign) luminaires into the system wirelessly with the basicDIM Wireless DALI gateway. Up to 64 luminaires can be monitored by each gateway.

SB 128 CONTROLLER

The clue is in the name, which refers to the high number of safety and escape-sign luminaires that this tried-and-tested controller can reliably monitor: up to 128 luminaires (and even up to 256 units with a repeater). The LCD display shows the status of the entire system at a glance.

ONLITE CENTRAL

NBOX

A group battery system with dimensions as small as this are rare. Yet the nBox effortlessly outshines similar systems. With 48 V low voltage, state-of-the-art communication technology and handy apps, technical variety is seen in its best light. Safe. Simple. And reliable.

48 V supply of the luminaires, communication via Powerline

Video nBox

EBOX

The ONLITE central eBox is a central battery-operated system optimised for efficient LED technology. Energy consumption and the number of necessary batteries has been reduced to a minimum. The modular design increases the number of possible output circuits and enables maximum flexibility, creating a system that perfectly adjusts the power supply in line with the requirements of the building.

230 V supply of the luminaires, communication via DALI, Powerline or with circuit monitoring

CPS

As a modular solution, this central battery system adapts to suit both the project and the customer requirements – as and when necessary. The system is available with DALI communication or a circuit monitoring system. Further advantages of the ONLITE central CPS: minimum maintenance outlay, fail-safe data communication and no need for additional communication modules in the luminaires.

230 V supply of the luminaires, communication via DALI or with circuit monitoring

ZUMTOBEL
PROSET
BLUETOOTH CONNECTION
NFC CONNECTION
ZUMTOBEL

CONTACTLESS PROGRAMMING WITH THE POWER OFF

PROset technology enables contactless programming using Near Field Communication (NFC). Thanks to a small antenna built into the control gear, the luminaire can be operated without being switched on. As a result, addressing, configuration and maintenance take just a few seconds.

PROSET PEN

Fast. Reliable. Extremely convenient. The PROset pen is a sturdy, simple tool for addressing safety and escape-sign luminaires with an NFC interface, configuring the switching mode and copying configurations from one control gear to another. And thanks to a Bluetooth® interface, these functions are also available when exchanging data with a smartphone.

Video PROset Pen

PROSET APP

The PROset app offers additional features alongside those supported by the PROset pen. Dimming values can be defined and a “black box” provides information about the status of the luminaire. Operating hours, number of tests and potential causes of failure like excessive temperature or excess voltage are also displayed, while there is also the possibility to obtain configurations from a database.

Video PROset APP

ABBREVIATIONS SYSTEM

Safety luminaires

RESCLITE		PRO	MSC	ANT HP	E3D		WH	
Name of the product family	Detection range*	PROset function	Installation version	Light distribution	Emergency power supply/communication	ERI function	Colour	IP

Escape-sign luminaires including safety sign

ARTSIGN	75	P	MRC		ECP		SR		SP2E002R
Name of the product family	Detection range*	PROset function	Installation version	Light distribution	Emergency power supply/communication	ERI function	Colour	IP	Safety signs

*Height of the safety sign in mm
(Detection range = h × 200)

PROset function	Installation version						Light distribution		Emergency power supply/communication		
	Mounting	Installation	Position	Remote box option	Size variant	Suspension	Light distribution	Special options		Exposure time/ standard version	Communication
□ No PROset function	**M** Mounting	**R** Recessed	**C** Ceiling	□ No remote box	□ Standard size	□ No suspension	**ANT** Anti-panic	□ Standard distribution	**E** Emergency lighting	**1** 1 hour with single-battery power supply	□ No communication Manual test
P With PROset function		**S** Surface-mounted	**W** Wall	**R** Remote box	**mini** Compact size	**WFxx** WF = wire feed (cable suspension cord with power supply via cable) xx = length of the cable suspension cord (15 = 1.5 m)	**ESC** Escape route	**HP** Increased light output		**3** 3 hours with single-battery power supply	**T** Automatic test
PRO With PROset function		**SR** Semi-recessed	□ Flexible		**slim** Slim format	**CORDxx** Cable suspension cord with separate power cable xx = length of the cable suspension cord (15 = 1.5 m)	**ESC90** Escape route (90°)	**HC** High ceiling		**8** 8 hours with single-battery power supply	**X** DALI without automatic test
		Sxx Surface-mounted xx° wall				**Cxx** Chain suspension with separate power cable xx = length of the chain suspension (15 = 1.5 m)	**ESCW** Escape route (wall)			**C** Central battery 230 V	**D** DALI with automatic test
						Rxx Rod pendulum suspension xx = length of the rod pendulum suspension (05 = 0.5 m)	**ESCB** Escape route (Narrow light beam)			**L** Low-voltage central battery 48 V	**P** Powerline (eBox, nBox)
	TEC-GP TECTON continuous-row lighting system						□ Escape-sign luminaire				**C** Circuit monitoring
	TRINOS TRINOS continuous-row lighting system										**S** Set009 Powerline (CPS)
	KIT Kit with emergency lighting components for integration in the luminaire										**BC** basicDimWireless (Casambi) wireless protocol
	□ Only for safety signs, if the sign is suitable for all available luminaire installation variants										

Ceiling recessed (visible)

MRCR mini

MRCR

Surface-mounted on the ceiling

MSC

MSC IP65

Suspended installation

TRINOS

TEC-GP

Wall

MRWR

MSW

MSWIP65

Other abbreviations for accessories

BP	Ball-proof
CCS	Concrete casting housing
QC	Quadratic cover
FCC	Frame cable ceiling
FCW	Frame cable wall

Light distribution

ANT antipanic

ESC escape route

ESC90 escape route 90

ESCW escape route W

Spot

ESC HC escape route HC

ANT HC antipanic HC

Single battery

E1D

E3D

E8D

Central battery

ECD

ECP

ECC

ECS

ELP

SAFETY LIGHTING NAMING CONVENTION

Escape-sign luminaires with separate safety sign

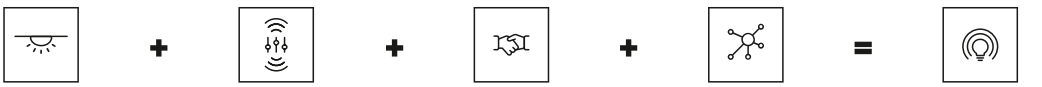
CROSSIGN	160	P	MSC		E3D	ERI	WH	IP54	
Name of the product family	Detection range*	PROset function	Installation version	Light distribution	Emergency power supply/communication	ERI function	Colour	IP	

Safety signs

CROSSIGN	160								SP2E001DLR
Name of the product family	Detection range*	PROset function	Installation version	Light distribution	Emergency power supply/communication	ERI function	Colour	IP	Safety signs

		ERI function	Colour	IP	Safety signs					
Special options	**Battery guarantee**		**Colour**	**IP classification**	**Type of sign**		**Visibility**	**First character**	**Second character**	**Branding**
M Maintained light	☐ Standard guarantee	☐ No ERI function	**WH** White	☐ Below IP54	**S** Safety sign according to ISO 7010	**P** Printed	**1** Single-sided	**Exxx** Safety signage pursuant to ISO 7010	**UP** Arrow pointing upwards	☐ With Zumtobel logo
NM Non-maintained light	**G5** 5-year guarantee	**ERI** Escape route illumination	**BK** Black	IP54		**M** Mounted	**2** Double-sided	**Fxxx** Fire fighting equipment sign pursuant to ISO 7010	**D** Arrow pointing downwards	**nL** No Zumtobel logo
☐ M and NM possible			**SR** Silver	IP65		**D** Dynamic display	☐ Single- and double-sided possible (only in combination with SM)	**Mxxx** Mandatory action sign pursuant to ISO 7010	**L** Arrow pointing left	
S Switchable with L'								**Pxxx** Prohibition sign pursuant to ISO 7010	**R** Arrow pointing right	
H Battery heating								**Wxxx** Warning sign pursuant to ISO 7010	**UPL** Arrow pointing upwards to the left	
								S Set of pictograms (E001 and E002 with arrow pointing upwards, downwards, left, right, white film)	**UPR** Arrow pointing upwards to the right	
									DL Arrow pointing downwards to the left	
									DR Arrow pointing downwards to the right	
									LR One side: arrow pointing left; opposite side: arrow pointing right	
									UPLR One side: arrow pointing upwards and to the left; opposite side: arrow pointing upwards and to the right	
									DLR One side: arrow pointing downwards and to the left; opposite side: arrow pointing downwards and to the right	
								E001	**Exxx** Safety signage pursuant to ISO 7010	
								F001	**Fxxx** Fire fighting equipment sign pursuant to ISO 7010	
								M001	**Mxxx** Mandatory action sign pursuant to ISO 7010	
								P001	**Pxxx** Prohibition sign pursuant to ISO 7010	
								W001	**Wxxx** Warning sign pursuant to ISO 7010	
									☐ Only 1 sign	

T H E L I G H T



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