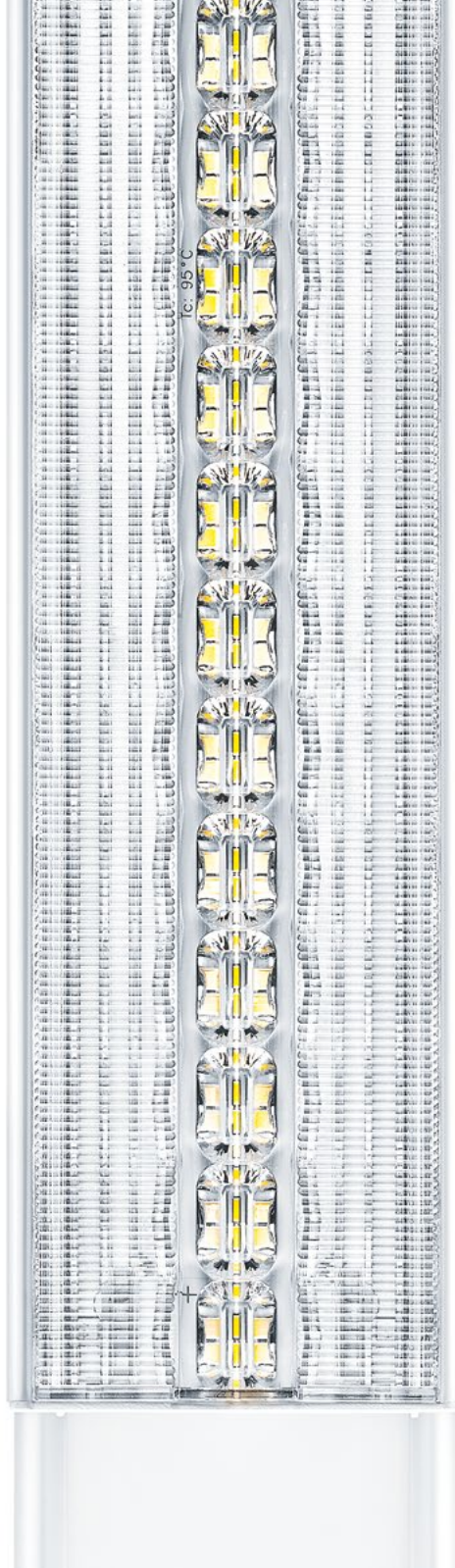




ZUMTOBEL



TECTON

Continuous-row LED lighting system

A versatile and efficient continuous-row lighting system providing intelligent solutions for any lighting task, from LED light lines to emergency lighting.

[linked](#)

All order numbers in the PDF are linked to the Zumtobel online catalogue.



HAWE Hydraulik, Kaufbeuren | DE

Architects: Barkow Leibinger Architekten, Berlin | DE

Lighting design: Christian Kaindl Elektroplanung, Nandlstadt | DE



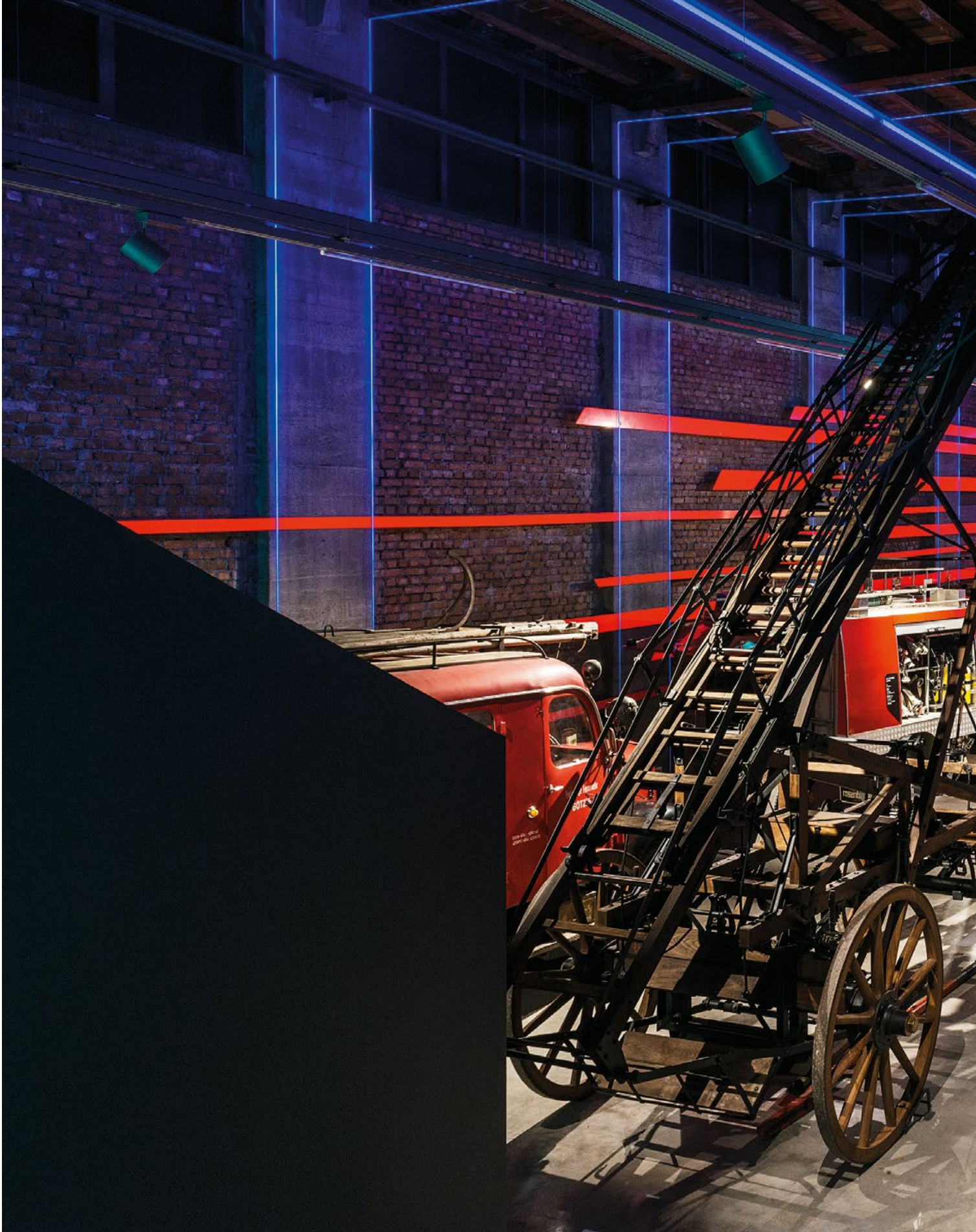


Eurospar Schwefel, Dornbirn | AT

Architects: Dipl. Ing. Christian Lenz ZT GmbH, Schwarzach | AT

Electrical consultants: Müllner Energieberatung & Haustechnik GmbH, Dornbirn | AT





County Fire Brigade Museum in the Vorarlberg Museum World, Frastanz | AT

Architects: raumhochrosen Architekturerzeugnisse, Bregenz | AT

Lighting Solution Partner: Elektrizitätswerke Frastanz GmbH, Frastanz | AT

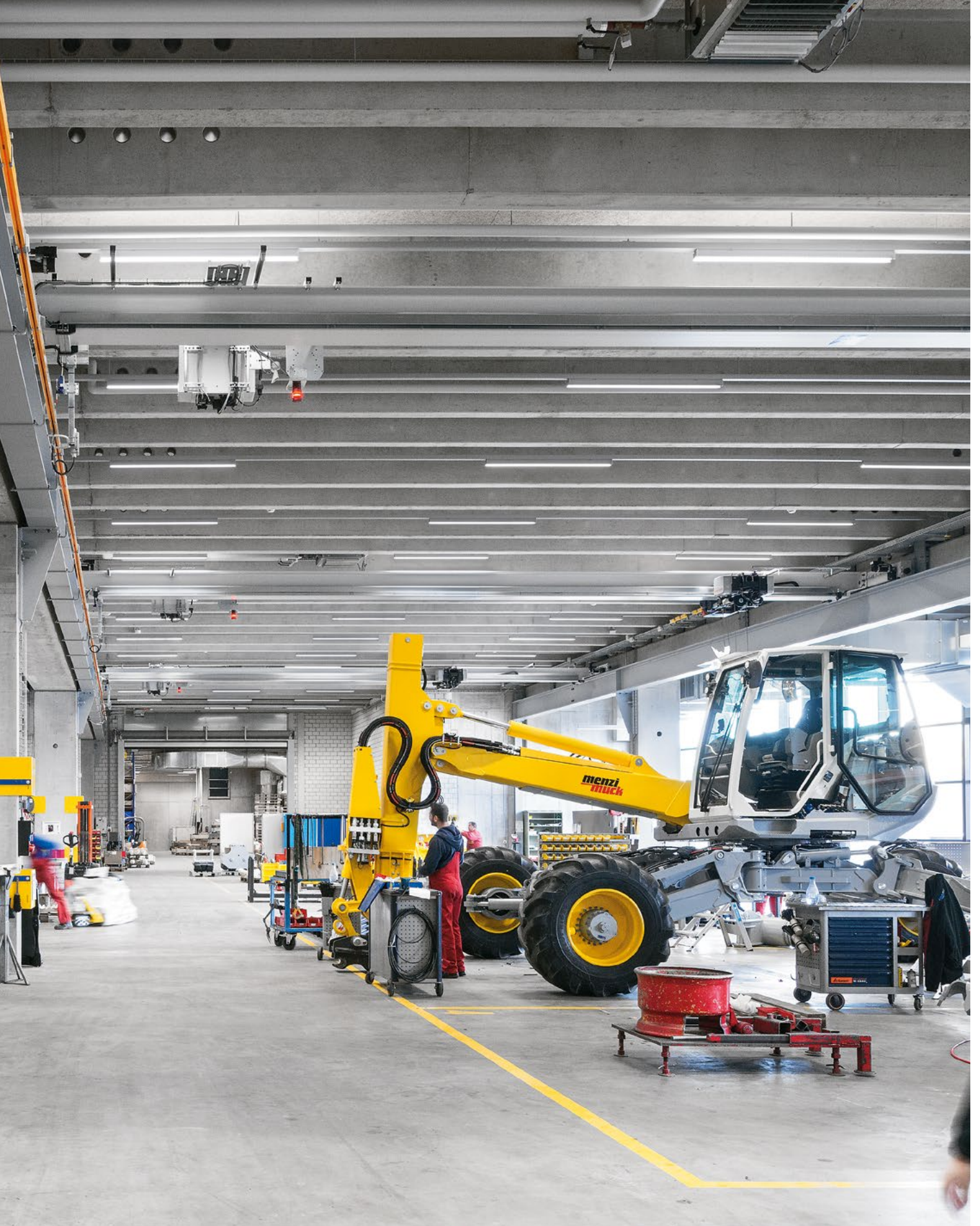




Menzi Muck, Schützenwiese | CH

Architects: Carlos Martinez, Berneck | CH

Lighting design and electrical consultants: Schmidheiny Engineering AG, Widnau | CH





1 *Trunking*

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- 18** Node connectors
- 20** Installation options

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System overview

TECTON Continuous-row lighting system

1 *Trunking*

2 *Continuous-row LED system*

3 *Luminaire elements*

Office and industrial luminaires

Spotlights

4 *Emergency /
Lighting management*

Emergency lighting

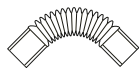
Sensors / Lighting management



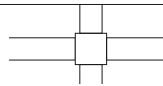
TECTON
trunking



TECTON
electric feed



TECTON
flexible connector



TECTON
node connector



TECTON LED
Wide Beam
Narrow Beam
Shelf Beam



TECTON LED
Wallwasher



TECTON LED
Controlled glare
optic kit



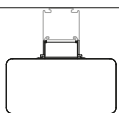
TECTON MIREL LED



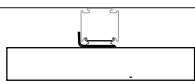
TECTON MPO LED



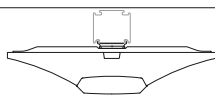
TECTON BASIC LED



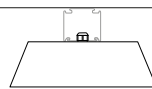
ECOOS LED
micro-pyramidal
optic



MIREL evolution
LED lens optic



MELOW LIGHT evo/inf
Surface-mounted
luminaire for office
applications



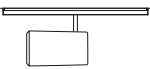
CRAFT
High-bay luminaire



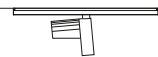
PERLUCE
Moisture-proof
luminaire



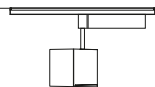
LINCOR
Surface-mounted
luminaire for office
applications



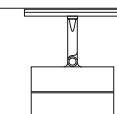
IYON
LED spotlight



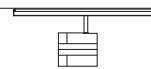
INTRO
LED spotlight



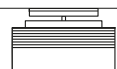
VIVO
LED spotlight



ONICO
LED spotlight



FACTOR
LED spotlight



KATALYST
LED spotlight



RESCLITE escape
escape route lighting



RESCLITE escape H180
escape route lighting



RESCLITE spot
object lighting



RESCLITE anti-panic
anti-panic lighting



ONLITE
escape-sign lighting



ED-SENS
presence detector



ED-EYE
daylight sensor



PST
presence detector



LITECOM
lighting
management



DIMLITE
lighting
management

1

TECTON trunking

The floating base



TECTON is the world's first continuous-row luminaire to have an 11-pole current conducting section built into its trunking. This means that the system comes ready equipped to meet tomorrow's needs. All functions such as power supply, lighting control and connection to emergency lighting are seamlessly integrated into this multifunctional trunking. Luminaires can be positioned flexibly and the system can be adapted to suit structural alterations at any time. TECTON copes effortlessly with various lighting requirements – at the time it is installed and whenever there are changes. The TECTON trunking remains unchanged and forms the functional backbone of the system. It is simply a matter of replacing or adding luminaire elements, light sources or optics as required.



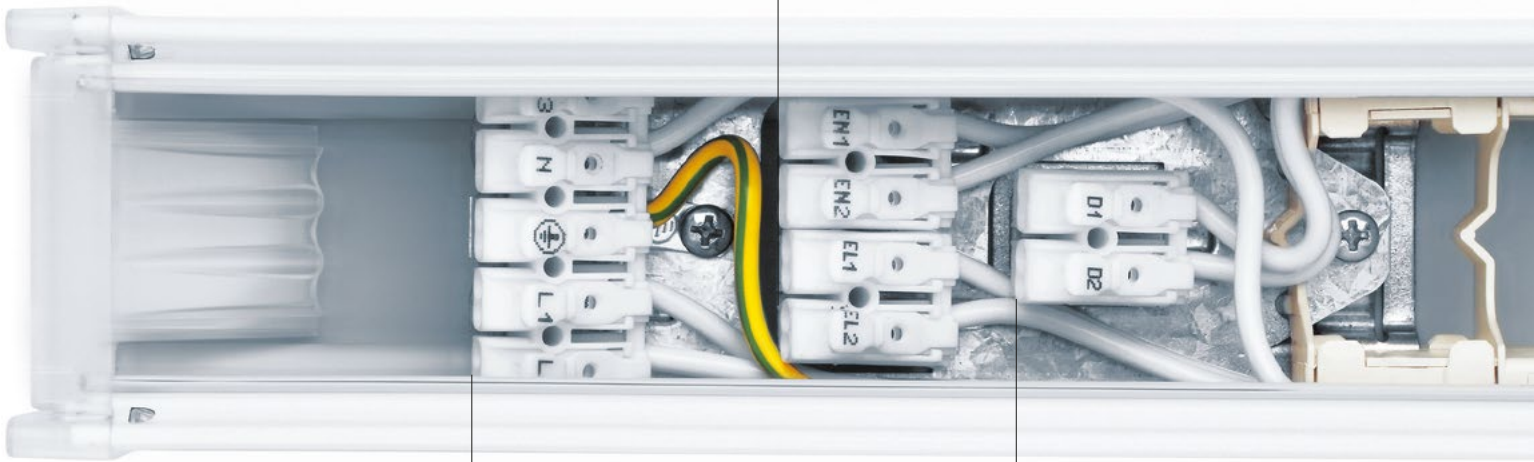
-55%

In a comparison of eight different continuous-row LED systems regarding the time required for installation of a continuous-row LED system (15 m), independent refaconsult GmbH found that TECTON LED can be installed considerably faster than comparable products.

1

TECTON trunking

11-pole current conducting section included



TECTON TE feed-in | 1:1 scale

4 poles for two independent emergency lighting circuits (4 x 1.5 mm²)

- Two independent emergency lighting circuits allow optimal integration of emergency lighting into general lighting
- High degree of design reliability, flexibility and adaptability after commissioning

5 connections for power supply (5 x 2.5 mm²)

- Load sharing allows triple continuous-row length
- Separately switchable circuits for extremely easy light control in triple circuit

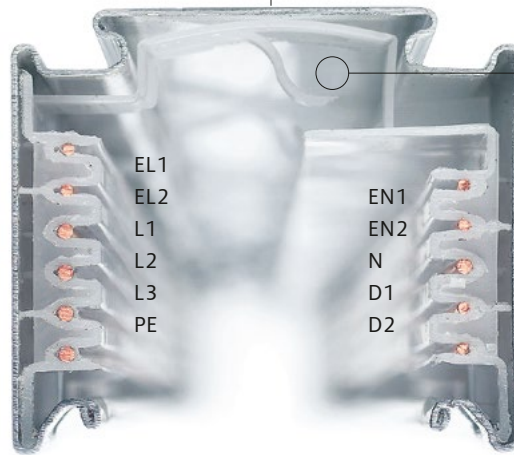
2 control lines with DALI control signal for brightness control (2 x 1.5 mm²)

- Efficient, flexible, customised lighting for industrial and commercial buildings
- Purposefully staged lighting scenes in shops and retail areas
- Intelligent lighting management system reports all faults (e.g. electronic ballast or lamp failure)



Surface in white or silver finish

- Roll-formed sheet steel with option of white or silver polyester resin enamel finish



Optional cable duct

- Additional cable duct for running cable on rear side
- No adverse effect on trunking suspension

Cable duct

- Additional cable can be accommodated if required

1:1 scale

Continuous butt joint connector

- Thanks to the continuous butt joint connector (patent pending), power can be tapped into over the entire length of the trunking (11 poles)
- Preassembled connector makes it possible to join trunking units without the use of any tools
- Electrical and mechanical connections are established without any tools with a simple turn of the wrist

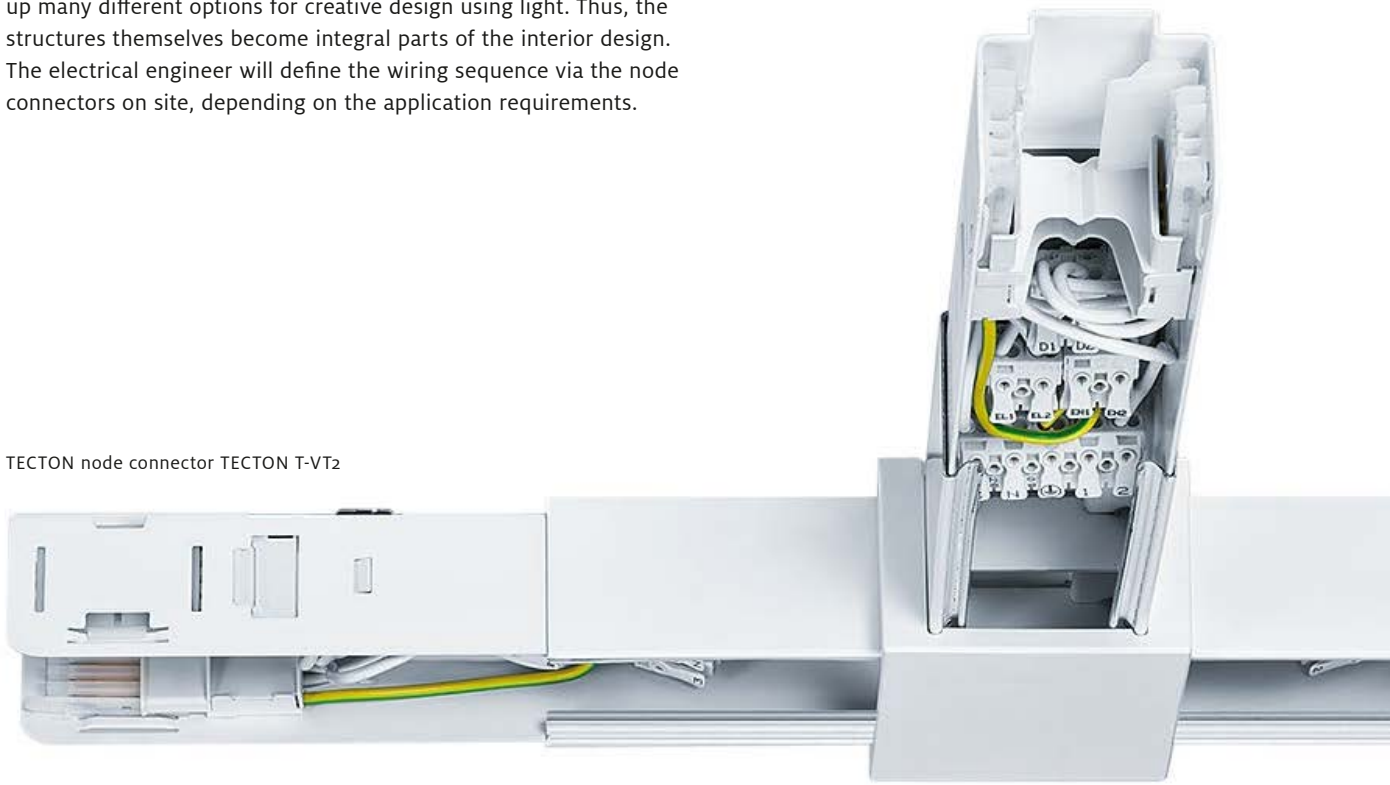
1

TECTON trunking

Node connector

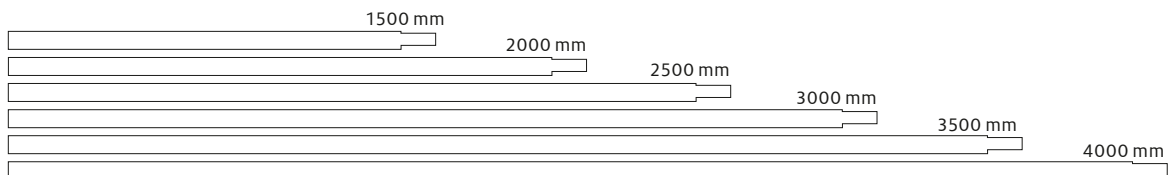
Using various node connectors, the TECTON continuous-row lighting system can be assembled and combined in a myriad of variants, fully meeting the respective requirements in terms of design and lighting technology. TECTON L-, T-, X- and flexible connectors open up many different options for creative design using light. Thus, the structures themselves become integral parts of the interior design. The electrical engineer will define the wiring sequence via the node connectors on site, depending on the application requirements.

TECTON node connector TECTON T-VT2



Wide range of trunking options

Design and implementation are made easy thanks to gradation in 0.5 m increments.



Trunking kit

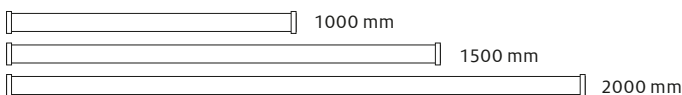
Pre-assembled trunking unit which comprises T-trunking and TE electrical feed with end caps and protective covers.

5000 – 29 500 mm



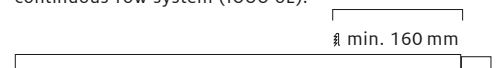
Individual trunking units in two lengths

This means that individual luminaires have the same appearance as the continuous-row system.

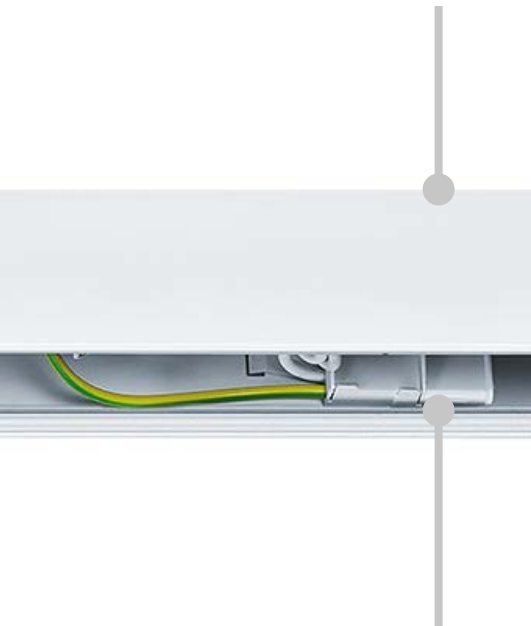


Blank end trunking

Can be cut to length by the customer, at the end of the continuous-row system (1000 oE).



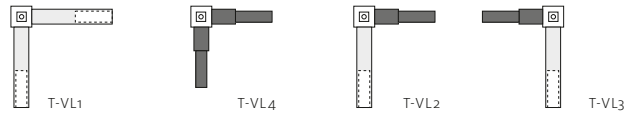
View from ABOVE



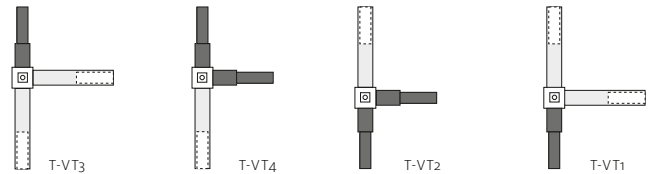
View from BELOW

View from above

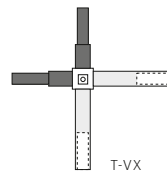
L node connector



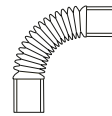
T node connector






X node connector



FLEX – flexible connector



For installation examples, see zumtobel.com/tecton

-  Fixing point
-  Electric feed
-  Feed-out

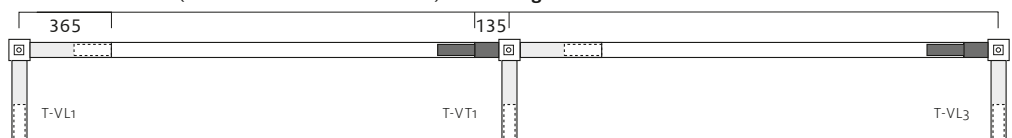
Calculating axial dimensions with node connectors

The axial dimension can be calculated very easily: two connectors together give 0.5 m. The trunking units are also provided in increments of 0.5 m. Therefore the axial dimension is always the trunking length plus 0.5 m.

Example: (view from above):

Axial dimension (mm) = length of trunking + 500 mm

Axial dimension (135 mm + 365 mm = 500 mm) + trunking T 1500 – T 4500

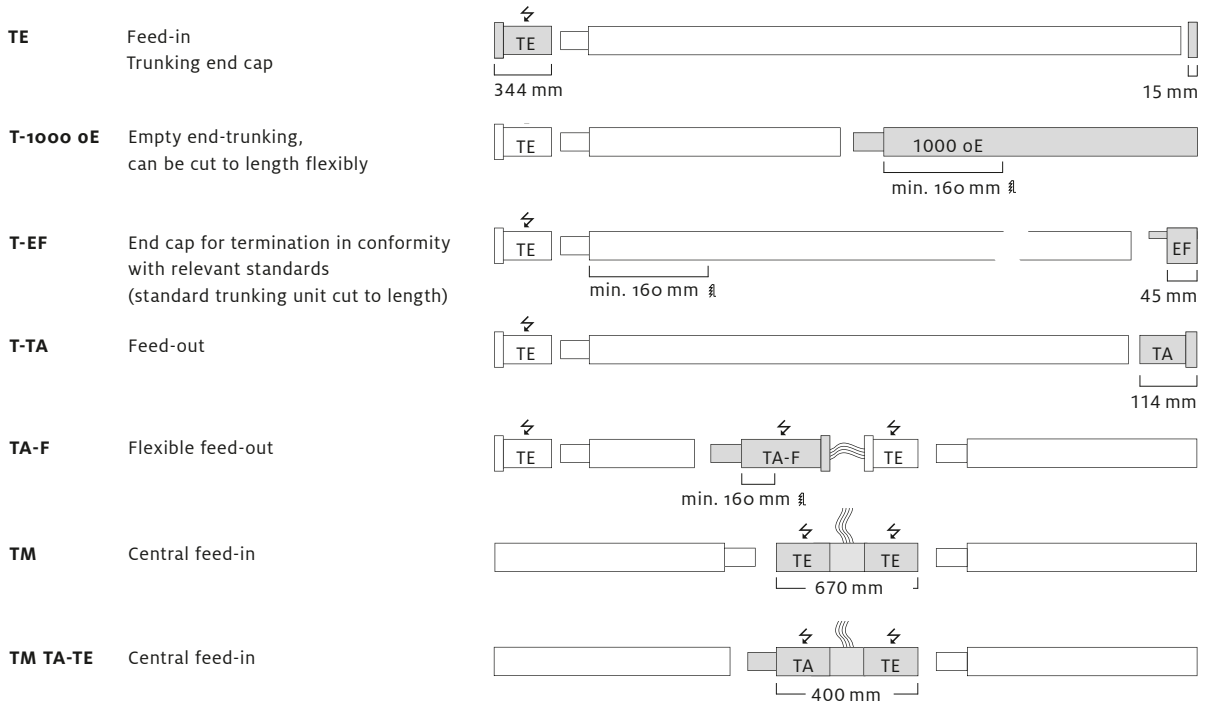


1

TECTON trunking

Installation options

Possible feed-in and feed-out points



Possible feed-in and feed-out points

TECTON provides a wide variety of possible feed-in and feed-out points to cope with customer-specific requirements and conditions. An additional feed-in point is recommended for continuous-row systems which are longer than 50 m. TECTON central feed-ins are perfect for this purpose, especially since they do not disrupt the visual continuity of a continuous-row system.

Note: TECTON LED battens in lengths of 1000 mm, 1500 mm and 2000 mm fully conceal the input/output feeder (no ONLITE emergency luminaires). This is not possible with spotlights, sensors and RESCLITE emergency luminaires due to the close rotary toggle spacing.

Fixing options

Cord suspension using Clix mechanism

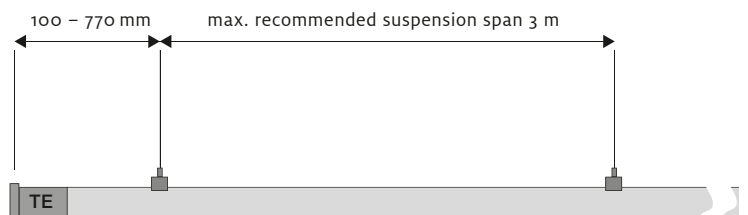
Nothing is easier than fixing TECTON trunking. An ingeniously functional mounting bracket provides a clever link between the wall or ceiling and the trunking. The cord suspension can be fixed to the trunking without the use of any tool by exerting slight pressure, and it can also be moved as required. Pendant height adjustment is also entirely tool-free.



TECTON cord suspension | 1:1 scale

From left to right:

- Wall fixing**
- Ceiling fixing**
- Caddy fastener**
- Cord suspension**
- Chain suspension**



Suspension spans

A maximum suspension span of 3 m ensures quick and easy installation with fewer suspension points.

May be installed by qualified personnel only.

2 *TECTON LED continuous row*

Overview



TECTON C LED

Available in four beam characteristics, TECTON C LED performs a wide variety of tasks in surface and shelf lighting, in the fields of both industry and technology as well as in presentation and sales.



TECTON MIREL LED

The TECTON MIREL LED extends the field of application of the LED continuous row to include the education and office sector. TECTON MIREL LED also guarantees a high visual comfort in industrial applications with higher glare control requirements.



TECTON MPO LED

Thanks to the very good glare control, TECTON MPO LED also satisfies the most demanding visual tasks that occur in the areas of industry and technology, presentation and sales or education and knowledge.



TECTON BASIC LED

The basic model of the LED continuous row satisfies a broad range of visual tasks from a wide variety of application areas



HAWE Hydraulik, Kaufbeuren | DE

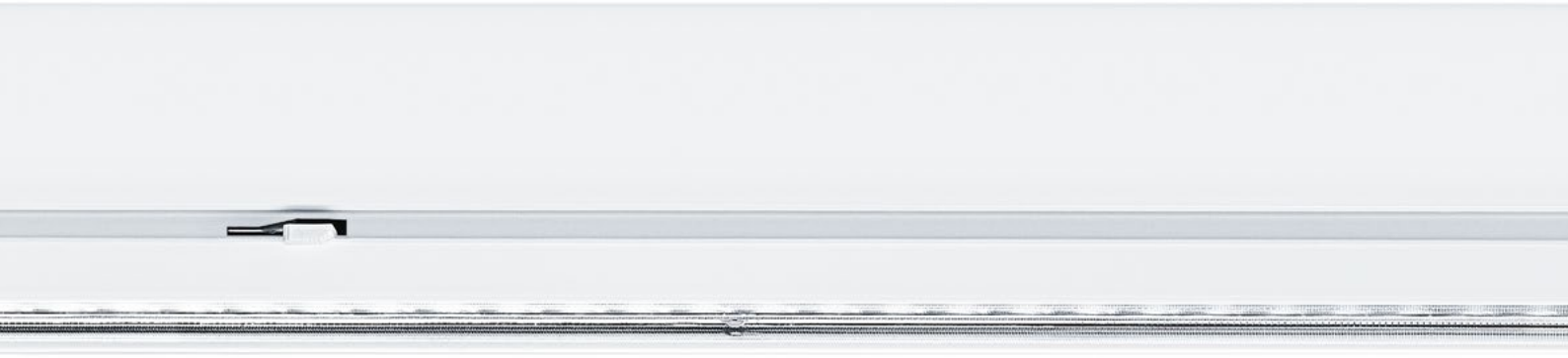
Architects: Barkow Leibinger Architekten, Berlin | DE

Lighting project design: Christian Kaindl Elektroplanung, Nandlstadt | DE

Different areas can come together in an industrial building – from production or storage areas and high-level racks, through offices, staff rooms and canteens, right through to underground car parks. This results in a multitude of requirements on the lighting, all of which are fully satisfied by the LED continuous-row lighting system. Consistent design is thus combined with enormous flexibility.

2 *TECTON LED continuous row*

Efficiency combined with outstanding lighting quality



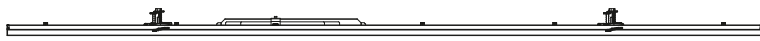
- Split lens technology
- 2 m LED batten luminaire to save 40 % of assembly time
- IP50 for LED and optic as standard

The new generation of the TECTON continuous-row LED lighting system features improved energy efficiency on the one hand, and a significantly pared-down stylistic idiom on the other hand. All that is needed to create a continuous-row LED lighting system is a trunking unit and an LED luminaire. Even where various different distribution characteristics are placed next to each other, TECTON LED appears as a consistent continuous-row system, without any visual interruption or different reflectors. As the LED system is 100% compatible with the entire TECTON product range, T16 and T26 luminaires already in place can be replaced easily and without any tools by the new continuous-row LED system. Thanks to an audible and visible fastening system, the luminaire and the pre-wired 11-pole trunking are quickly and securely connected.

Design of TECTON LED: Zumtobel



module lengths



2000 mm, up to 16 000 lm



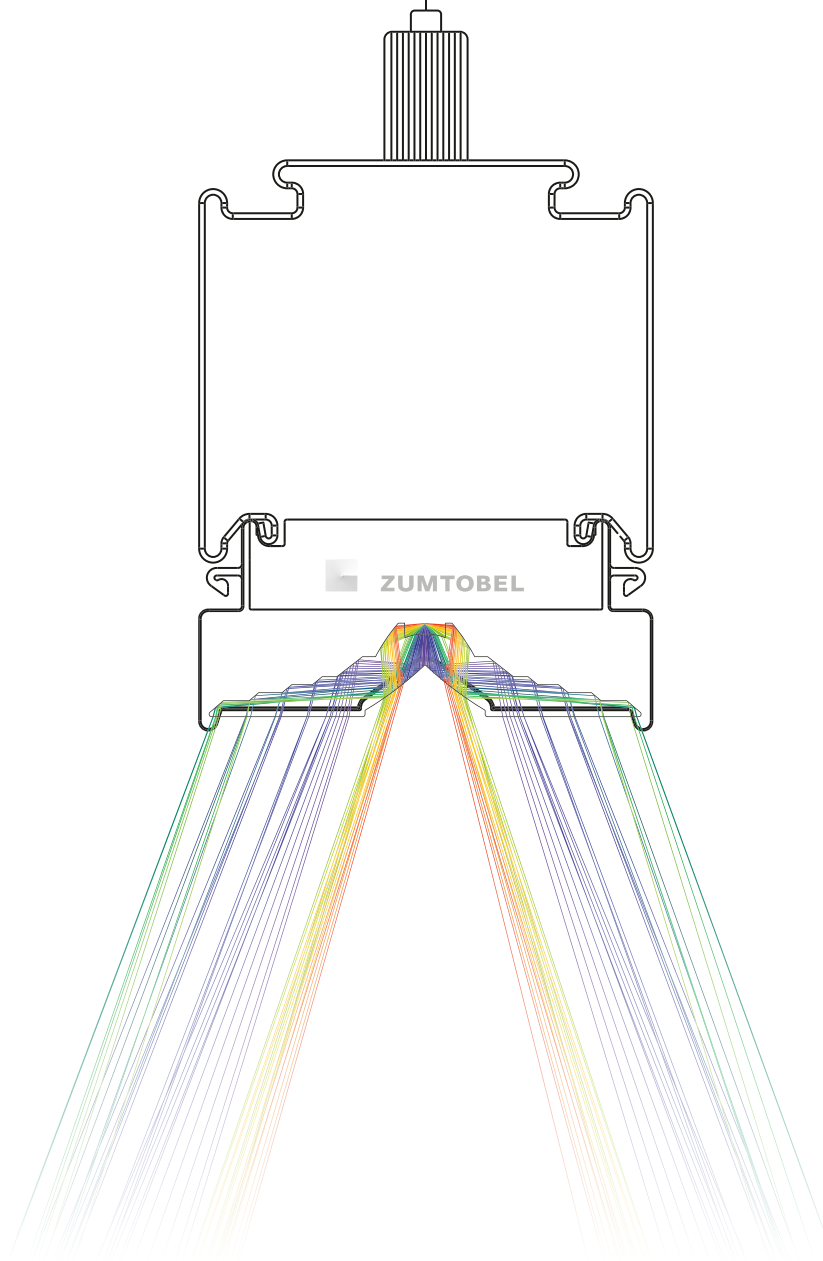
1500 mm, up to 12 000 lm



1000 mm, up to 8000 lm

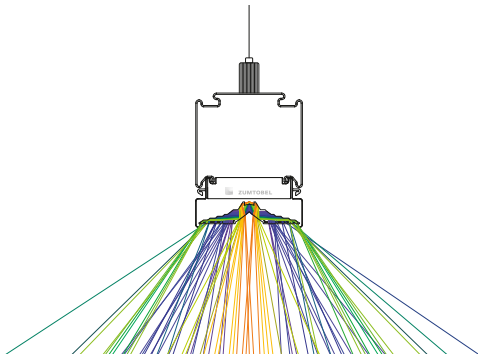
2 *TECTON LED continuous row*

Split-lens technology



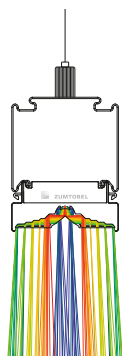
Split-lens technology

The split lens directs the light in a targeted, efficient manner from the centre to the lateral areas. Accordingly, the lighting pressure in the middle is reduced, and the luminaire causes much less glare – without any negative effects on the light distribution curve. With the split-lens concept, all known beam patterns can be realised. The position of the LED remains visible, but in contrast to conventional lenses, the luminaire surface can be extended to the entire width, thus clearly gaining in homogeneity.



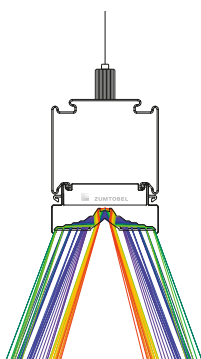
TECTON LED **Wide beam**

The wide-beam optic is equally suitable for handling decorative as well as technical tasks. Its medium-wide light distribution is ideal for lighting shelf surfaces and aisle zones. It also illuminates surfaces without shelves, e.g. manufacturing areas, uniformly.



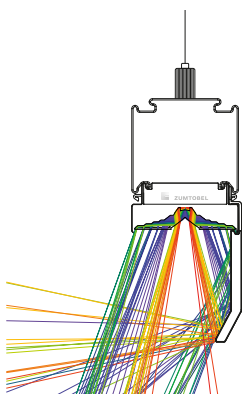
TECTON LED **Narrow beam**

Specially developed for use in industrial and engineering applications, the narrow-beam optic ensures efficient, uniform illumination of the vertical fronts of shelving. With a maximum mounting height of around 18 m, it easily copes with medium and large room heights.



TECTON LED **Shelf Beam**

The shelf beam optic really comes into its own in presentation applications and retail spaces. Its symmetrical light distribution focuses on shelf surfaces; aisle zones are not as brightly lit. This way, customers' attention is directed to the goods that are on display.



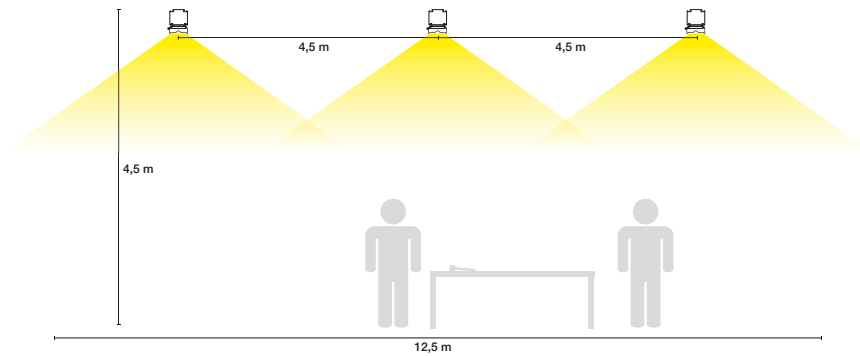
TECTON LED **Wallwasher**

The wallwasher's asymmetric light distribution is specially designed for presentation and retail areas where there are one-sided shelf surfaces. An unobtrusive reflector that can be clicked into place quickly and without any tools presents goods in the right light.

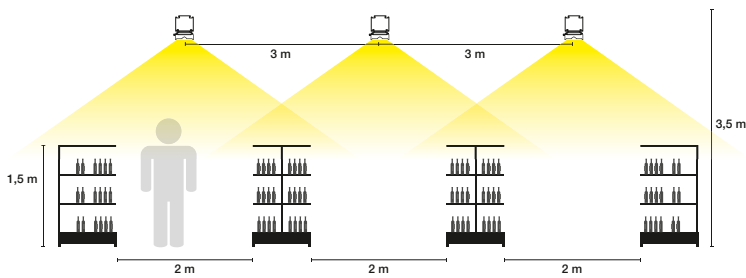
2 TECTON LED continuous row

Typical applications

TECTON LED Wide beam

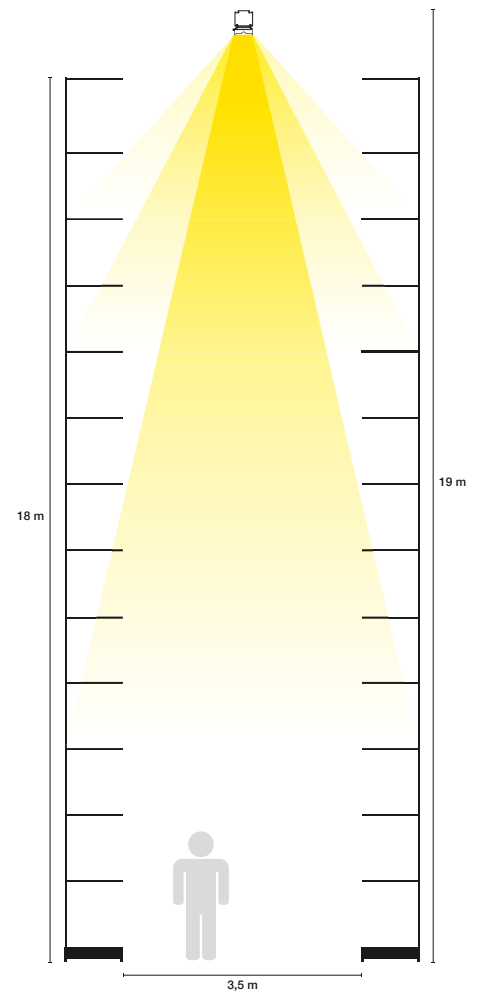


- Emphasis is placed on uniform illumination of aisle zones, shelf surfaces and larger surfaces.
- The lighting solution can be designed and deployed regardless of the positioning of the individual shelves.
- This allows subsequent alteration of the positions of shelves – without the need to modify the placement of luminaires.



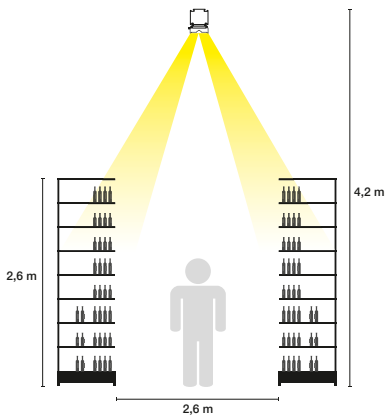
- Emphasis is placed on uniform illumination of manufacturing areas.
- The lighting solution can be designed and deployed regardless of the positioning of the respective machines and production areas.
- This allows subsequent repositioning of machines and production areas – without the need to modify the placement of luminaires.

TECTON LED Narrow Beam



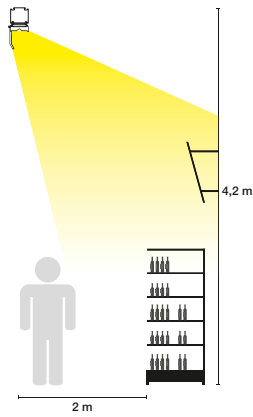
- Illuminance levels are optimised for medium to-high shelving, emphasis is placed on aisle zones.
- The lighting solution is specifically designed and fitted to match the relevant shelving situation.
- This results in optimised lighting of the aisle zones in question.
- Uniform illumination of shelf surfaces.

TECTON LED Shelf Beam



- Emphasis is placed on high-intensity, uniform illumination of one-sided shelf surfaces.
- The lighting solution is specifically designed and fitted to match the relevant shelving situation.
- An unobtrusive reflector is used to direct customers' attention directly to the shelf surfaces and products that are on display.

TECTON LED Wallwasher



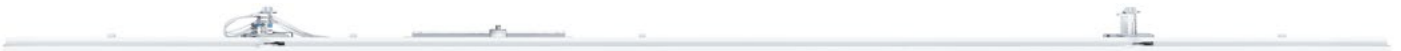
- Emphasis is placed on high-intensity, uniform illumination of shelf surfaces.
- The lighting solution is specifically designed and fitted to match the relevant shelving situation.
- This directs customers' attention directly to the shelf surfaces and products that are on display.

2 TECTON LED continuous row

Lumen packages

TECTON LED **High Output** and **Extreme High Output** allow for extended luminaire spacings on the continuous row without reducing the quality or the amount of light, thanks to innovative lighting technology and high lumen packages. Even the distance between continuous rows can be significantly increased. In summary, fewer luminaires are required and the investment will pay off over a shorter period of time.

2 metre LED batten



High Efficiency		7400 lumens (up to 149 lm/W)
High Output		10 500 lumens (up to 142 lm/W)
Extreme High Output		16 000 lumens (up to 138 lm/W)

1.5 metre LED batten



High Efficiency		5500 lumens (up to 148 lm/W)
High Output		8000 lumens (up to 142 lm/W)
Extreme High Output		12 000 lumens (up to 137 lm/W)

1 metre LED batten



High Efficiency		3700 lumens (up to 141 lm/W)
High Output		5200 lumens (up to 140 lm/W)
Extreme High Output		8000 lumens (up to 131 lm/W)



Product features

LED perfection

With a colour rendering index of up to $R_a > 80$ and colour temperatures of 3000 K, 4000 K and 6500 K, TECTON LED demonstrates its excellent lighting quality

Chemical resistance

Only carefully selected materials with increased chemical resistance are used for all TECTON luminaires and components.

Split-lens technology

Light that is dispersed directly within the split lens increases the homogeneity of the light-emitting panel, reducing glare and lighting pressure at the same time – in all four optics. This versatility and precision perfectly prepares the TECTON LED luminaire for the manifold tasks in industrial facilities and retail settings; their light control fully displays the benefits of LED by optimising horizontal and vertical illuminance levels and avoiding spill light.

As standard: IP50 rating

In all optical variants, TECTON LED continuous-row luminaires dispose of the increased IP50 rating for LEDs and optics. Overlapping lenses and end pieces provide protection against soiling, eliminating cleaning effort and resulting in high mechanical stability. The thus extended maintenance cycle is very convenient, especially in the case of major exposure to soiling.

Quick installation

The LED continuous-row system is compatible with the entire TECTON product range. The luminaire and trunking are attached to each other quickly and securely thanks to a system that provides an audible and visible indication of locking. Familiar, tried-and-tested features, such as Plug & Play and no-tool installation, have been retained. TECTON LED is therefore also time-efficient.

TRIDONIC

Optional control gear

Upon request, TECTON LED continuous-row luminaires are available with industrial control gear from Tridonic, which offers an extremely long service life of 100 000 hours.

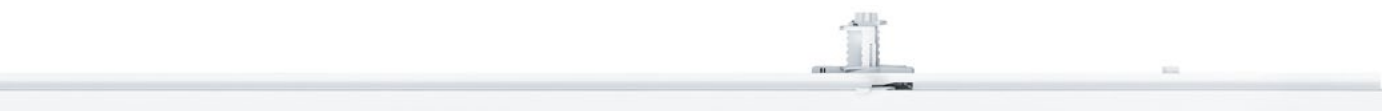
2 *TECTON LED continuous row*

The new standard at the installation site: 2 m continuous-row luminaires



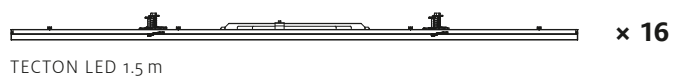
- up to 40 % shorter installation times
- up to 25 % fewer individual luminaires
- luminous intensity levels of up 16 000 lm

Regardless of conventional lamp lengths, TECTON LED is now available as a 2 m continuous row, presenting itself in the best light right from the start: quicker assembly, fewer individual luminaires, and an increase of efficiency by 5 per cent into the bargain. As compared to continuous-row systems featuring a length of 1.5 m, the new 2 m continuous-row luminaire also means less individual packaging and fewer parts at the installation site. Nevertheless, the 2 m unit comes with the advantages of the conventional length: the lightweight continuous-row LED system is perfectly fit to be mounted by one person.



Example of a 24 m continuous-row system

Lower investment and quicker installation: as compared to conventional continuous-row luminaires with a length of 1.5 m, the number of luminaires required when using 2 m continuous-row luminaires is reduced by some 25 per cent. Mounting can be accelerated by a full 40 per cent.



2 TECTON LED continuous row

Typical application: presentation and retail

Supermarket

LED compared to fluorescent lamps

A conventional supermarket uses T16 continuous-row systems to illuminate its shelving. A direct comparison with TECTON LED Wide Beam makes the strengths of the practically maintenance-free LED solution obvious: taken over a period of 15 years, total costs of ownership are reduced by 39% and 43% for the 1.5 m LED batten and the 2 m LED batten, respectively. The reduction in energy costs by up to 52% is another persuasive argument in favour of using LED lighting in environmentally responsible retail operations.

Underlying conditions

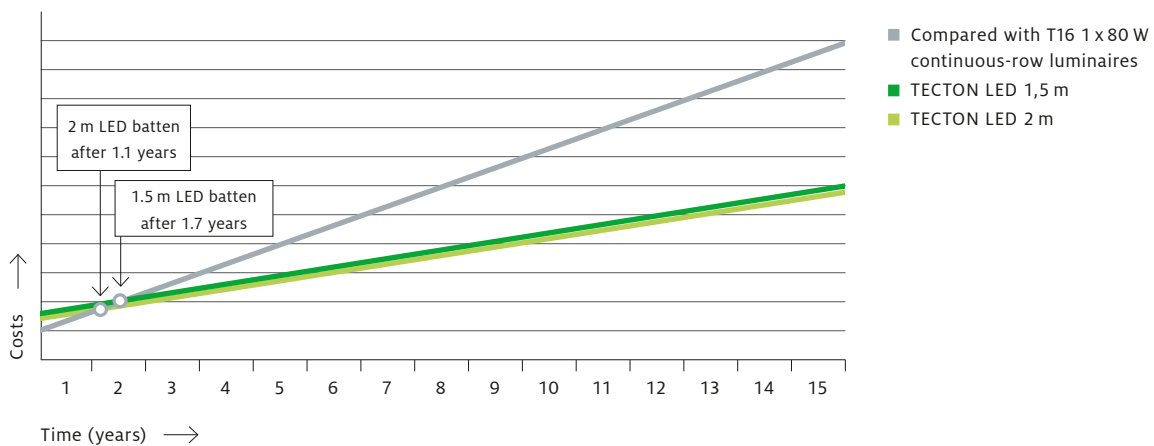
Conventional T16 luminaires
 240 T16 1 x 80 W continuous-row luminaires with shop reflector
 Luminous flux of luminaires: 5941 lm
 Luminous efficiency of luminaires: 69 lm/W

TECTON LED 1.5 m LED batten
 240 TECTON LED 36.4 W continuous-row LED luminaire
 Luminous flux of luminaires: 5400 lm
 Luminous efficiency of luminaires: 148 lm/W

TECTON LED 2 m LED batten
 180 TECTON LED 48.4 W continuous-row LED luminaire
 Luminous flux of luminaires: 7200 lm
 Luminous efficiency of luminaires: 149 lm/W

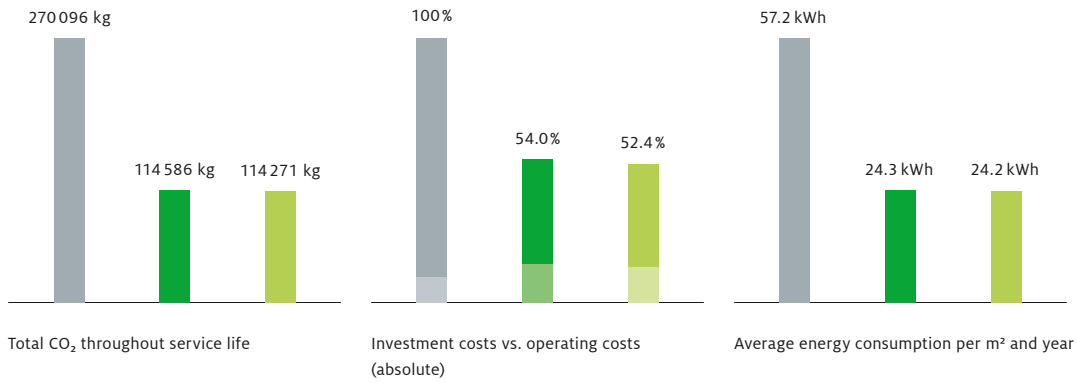
Calculation period
 15 years

Amortisation of costs

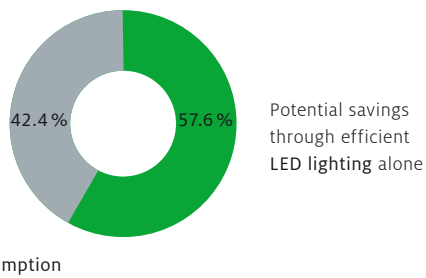


All calculations are based on an annual increase in energy and operating costs of 5%.

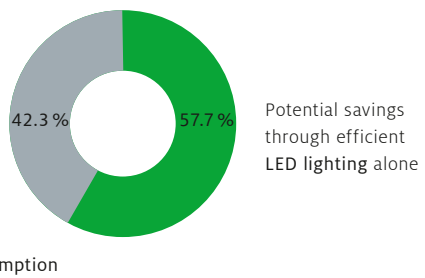
Energy consumption and costs:



Energy savings achieved with the 1.5 m LED batten



Energy savings achieved with the 2 m LED batten



ecocalc

The comparative calculation was made using ecoCALC. zumtobel.com/ecocalc

2 TECTON LED continuous row

Typical application: industry and engineering

Production areas

LED compared to fluorescent lamps

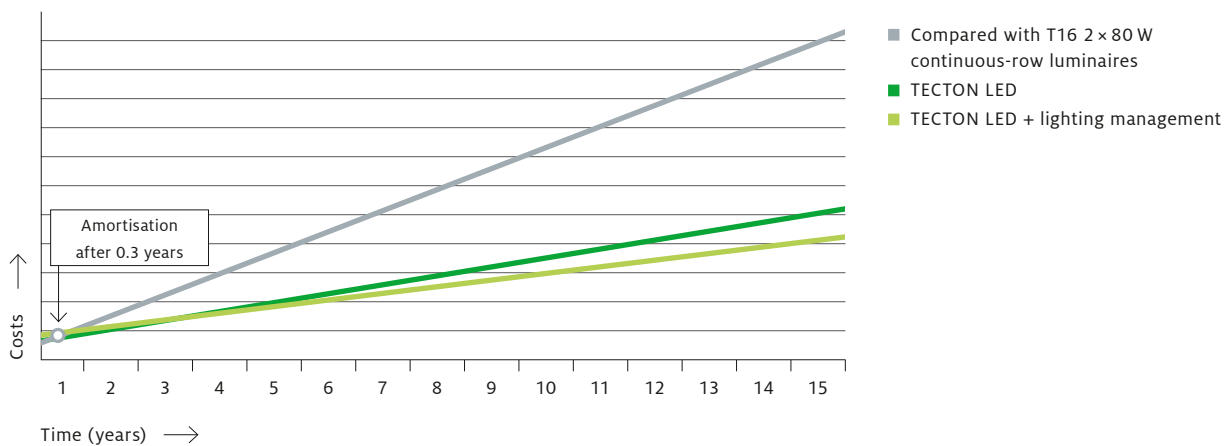
Conventional lighting for manufacturing areas is a T16 continuous-row system. If, however, the decision is made to opt for a TECTON LED Wide Beam continuous-row system, it is not just lighting quality that improves markedly. Thanks to higher light output ratio levels, fewer luminaires are required, and energy consumption will drop by 54 per cent, and when combined with daylight-based control, even by 68 per cent.

Taken over a fifteen-year period, the costs of the continuous-row LED system are 47 per cent less than that of T16 lighting, and for a lighting solution controlled by DIMLITE, even up to 56 per cent less.

Underlying conditions

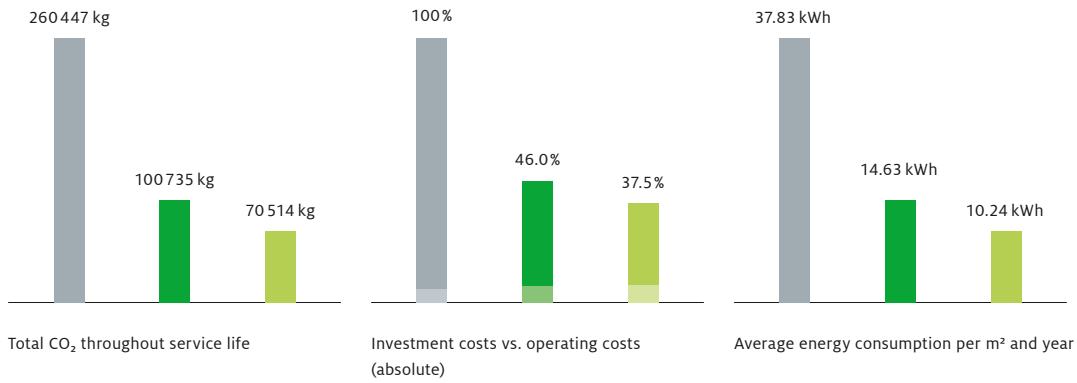
Conventional T16 luminaires	
110 T16 2 × 80 W continuous-row luminaires	
Luminous flux of luminaires: 12 300 lm	
Luminous efficiency of luminaires: 71 lm/W	
LED luminaires	
64 TECTON LED EHO 118 W continuous-row LED luminaires	
Luminous flux of luminaires: 16 000 lm	
Luminous efficiency of luminaires: 137 lm/W	
Lighting management system	
DIMLITE multifunction with daylight-based control	
zumtobel.com/dimlit	
Calculation period	
15 years	

Amortisation of costs

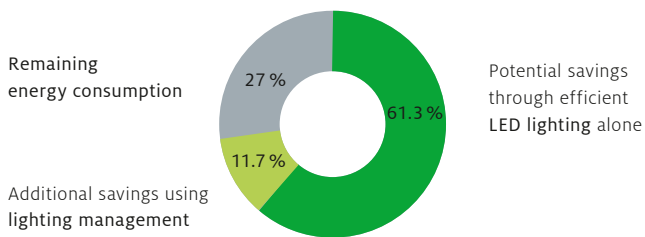


All calculations are based on an annual increase in energy and operating costs of 5%.

Energy consumption and costs:



Energy consumption and costs:

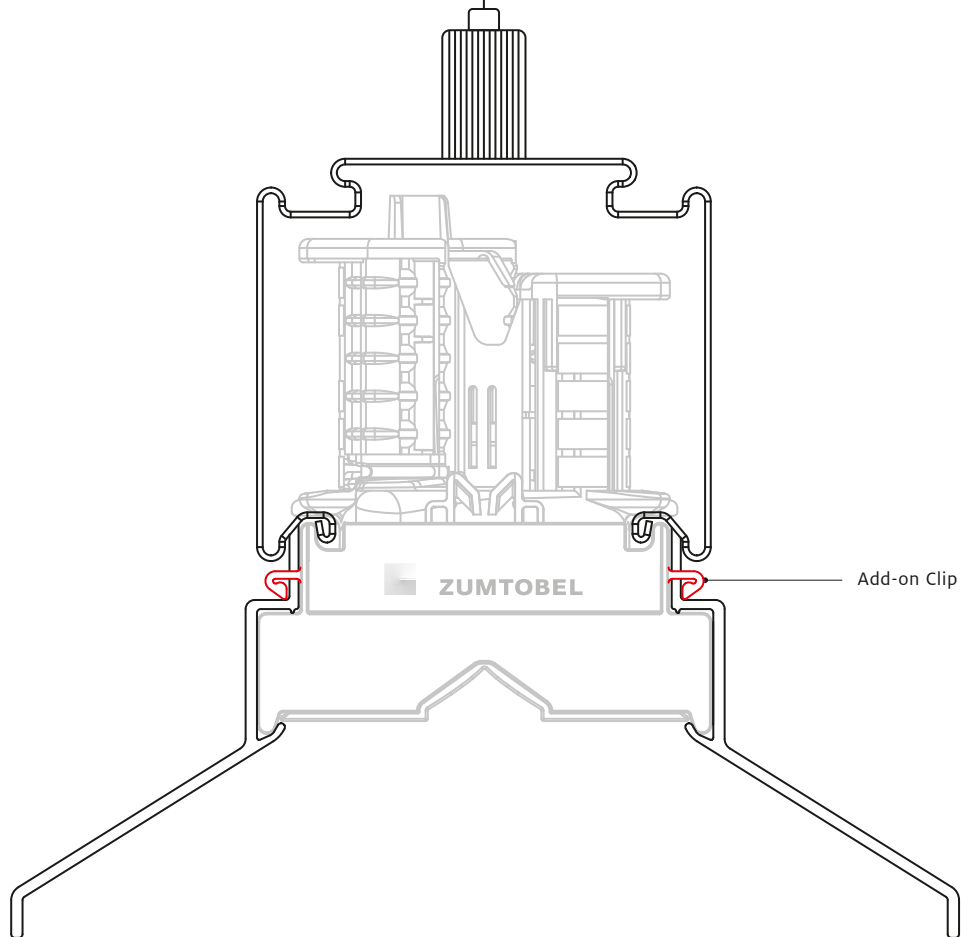


ecocalc

The comparative calculation was made using ecoCALC. zumtobel.com/ecocalc

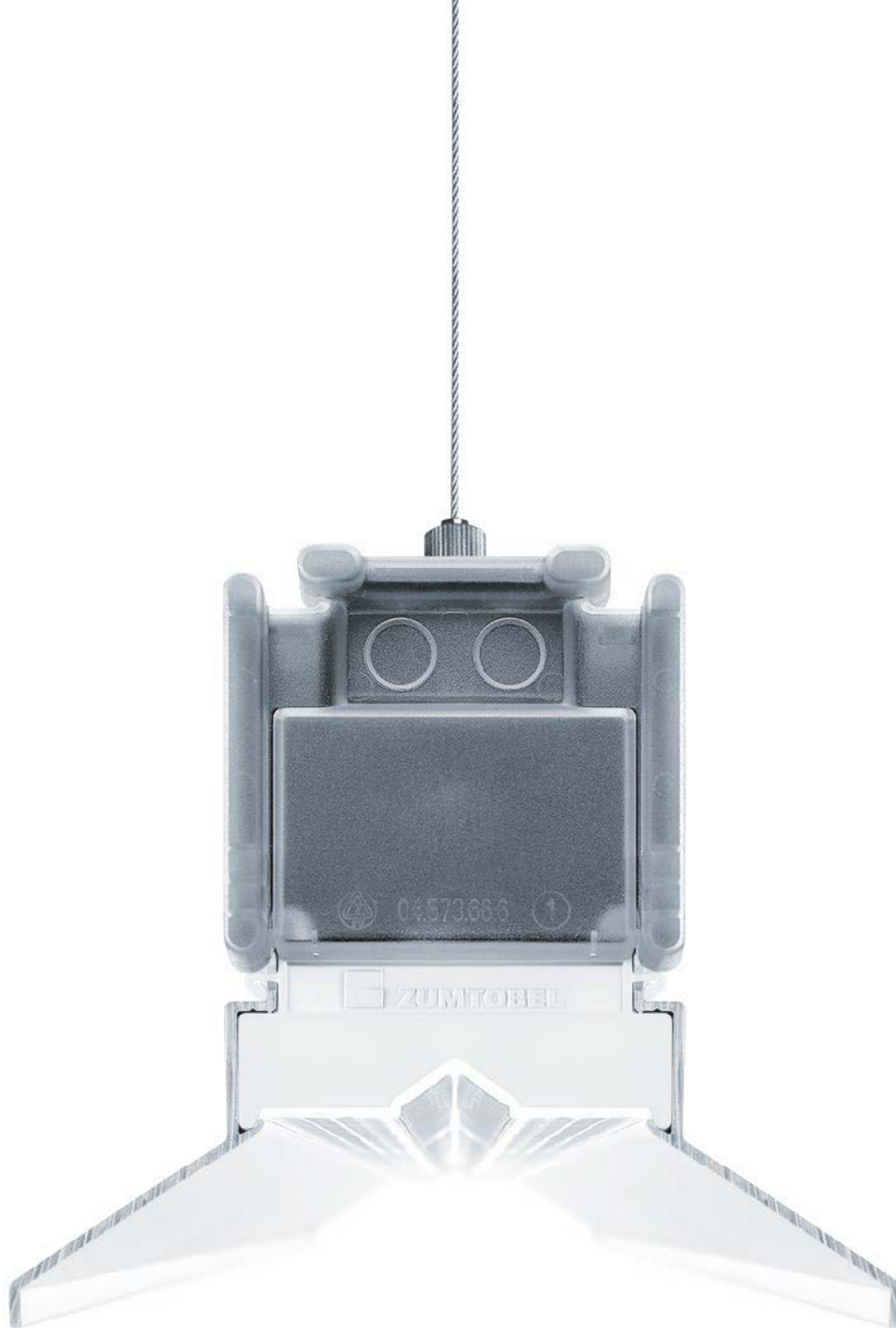
2 *TECTON LED continuous row*

Express assembly of individual reflectors



Add-on clip

This small mounting clip provides for a lot of creative leeway. Reflectors designed according to the customer's needs will change the lighting effect and the geometry of a TECTON LED luminaire, thus allowing for an individual stylistic idiom. The big advantage on site: using the add-on clip, the extra attachment can be mounted quickly and comfortably.



TECTON LED CG reflector

As the name indicates, a so-called CG (Controlled Glare) reflector reduces glare. The TECTON LED CG reflector decreases the UGR index to below 19*. In this way, the requirements with respect to standard-compliant glare control are met for applications such as the checkout area of supermarkets. Assembly takes place quickly and easily with the add-on clip.

* Reflector in combination with TECTON LED **HE**: UGR < 19
 Reflector in combination with TECTON LED **HO** and **EHO**: UGR < 22

2 *TECTON LED continuous row*

TECTON MIREL LED



- ideal for education and office applications (UGR < 19 and L65 < 3000 cd/m²)
- same slim design as the TECTON C LED continuous-row luminaire
- as part of the TECTON product group, as flexible and comfortable to install as usual

TECTON MIREL LED brings together the best of two worlds. Whereas the slim continuous row stands out above all by its enormous flexibility, the MIREL evolution office luminaire guarantees high visual comfort, even with demanding visual tasks. The continuous-row lighting system that is rounded off in this way satisfies a wide variety of requirements in a uniform design.

Factbox TECTON MIREL LED

Glare control: UGR < 19 and L65 < 3000 cd/m² at 4000 lm
UGR < 19 at 5500 lm

Lumen packages: 4000 lm, 5500 lm

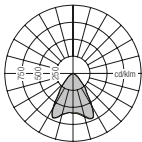
System efficiency: up to 130 lm/W

Colour temperature: 3000 K, 4000 K

Colour rendering: Ra 80

Service life:

50000 h at a reduction in luminous flux to 90%



The visible LED lenses combine a directed light distribution with a brilliant appearance. The high lighting quality is manifested on the one hand by the good glare control and on the other in the batwing light distribution and high luminaire efficiency.

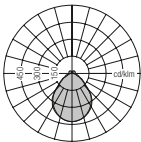
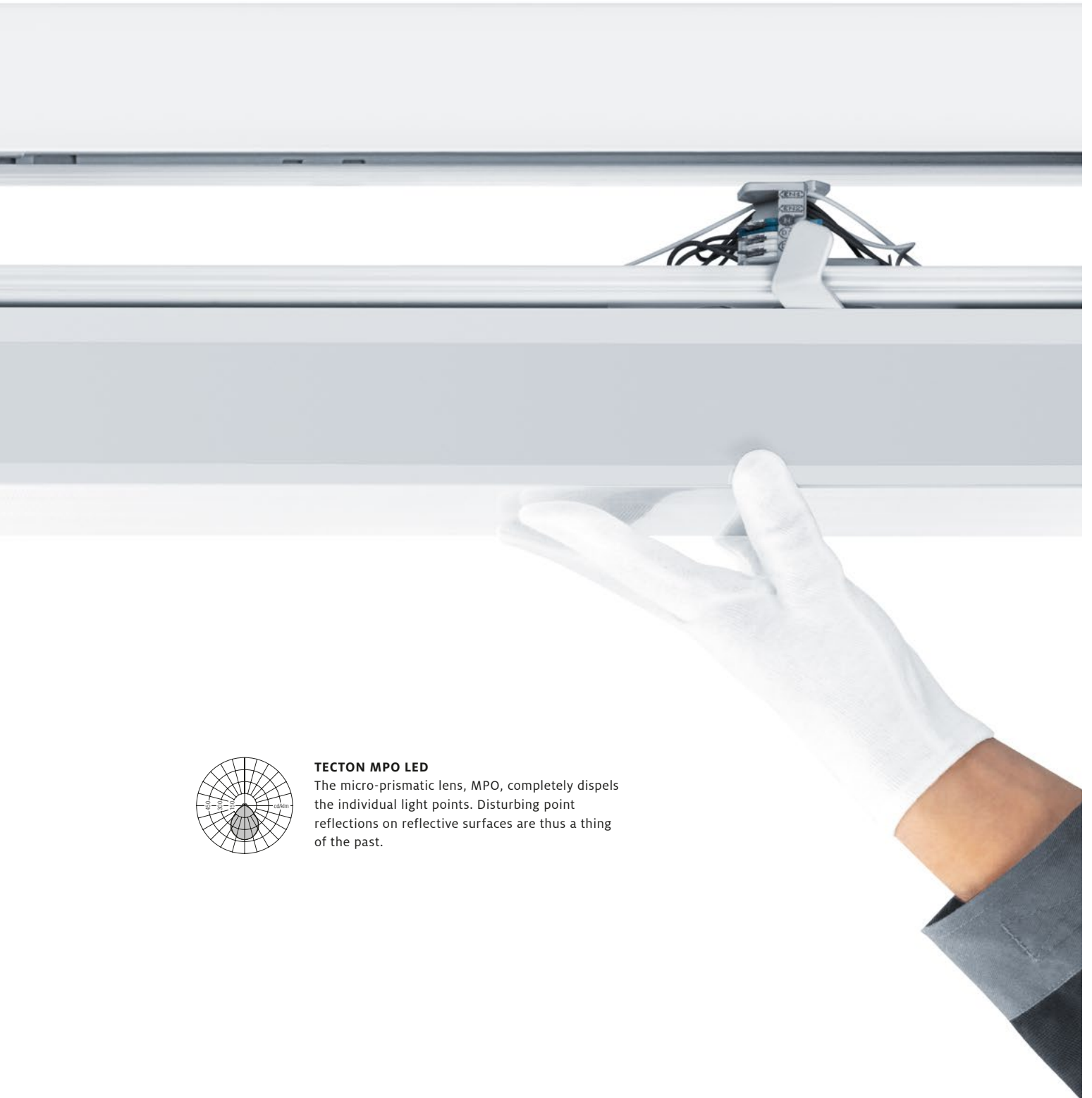
2 *TECTON LED continuous row*

TECTON LED with micro-prismatic lens for challenging visual tasks



Workplaces for precise mechanical assembly, in laboratories, schools, supermarket checkouts or offices, impose increased requirements of the light quality. With minimised glare and reduced reflection on the work area, the 1.5 m long TECTON light bar with MPO lens fulfils such challenging visual tasks outstandingly well. Because the micro prismatic lens ensures even light distribution without the LEDs appearing as individual light points. No LED light points can be recognised even when directly looking at the luminaire. Further attractive features are the gentle ceiling brightening and the lateral translucent lens whose translucence promotes wide light distribution with soft contours.

Design TECTON MPO LED: Zumtobel



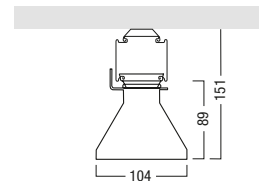
TECTON MPO LED

The micro-prismatic lens, MPO, completely dispels the individual light points. Disturbing point reflections on reflective surfaces are thus a thing of the past.

2 TECTON LED continuous row

TECTON LED with micro-prismatic lens for challenging visual tasks

LED and MPO form a unique combination: the strong LED light packages of 5500 lm, 6500 lm and 8000 lm gain unique quality thanks to the lens: Micro-prisms free the luminaire from disturbing reflections due to visible light points and minimise the subjective feeling of glare in the real application. The large, homogeneous light-emitting surface enables significantly lower UGR values with a comparable high luminous flux. TECTON MPO LED provides application-specific solution competence by means of a colour temperature of 4000 K with colour rendering of Ra 80 as well as dimmable and non-dimmable variants. The luminaire is optionally available with robust Tridonic industrial control gear. With a high degree of protection and impact resistance, LED modules and lens are ideally prepared for use in industrial environments.



Factbox TECTON MPO LED

Glare suppression: UGR at 5500 lm and 6500 lm < 19

UGR at 8000 lm < 22

Light emission: 5500 lm, 6500 lm, 8000 lm

System efficiency: up to 134 lm/W

Colour temperature: 4000 K

Colour rendering: Ra 80

LED and lens: IP50 degree of protection

Shock resistance: IK05

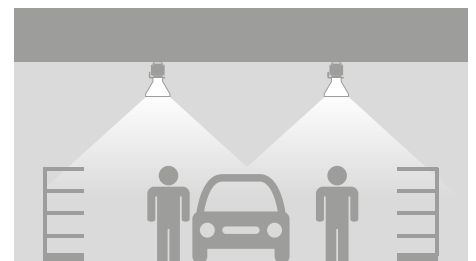
Lamp life: 50000 h with reduction in luminous flux to 90%

Ambient temperature: up to 35 °C

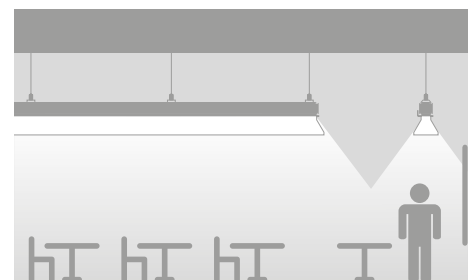
Optional industrial control gear with a very long

lamp life of 100000 hours

Luminaire has halogen-free and silicon-free wiring



Reflection-free light for challenging workplaces in industry, including production lines for cars.



High-quality light and a pleasant room atmosphere enable classroom users to concentrate better.

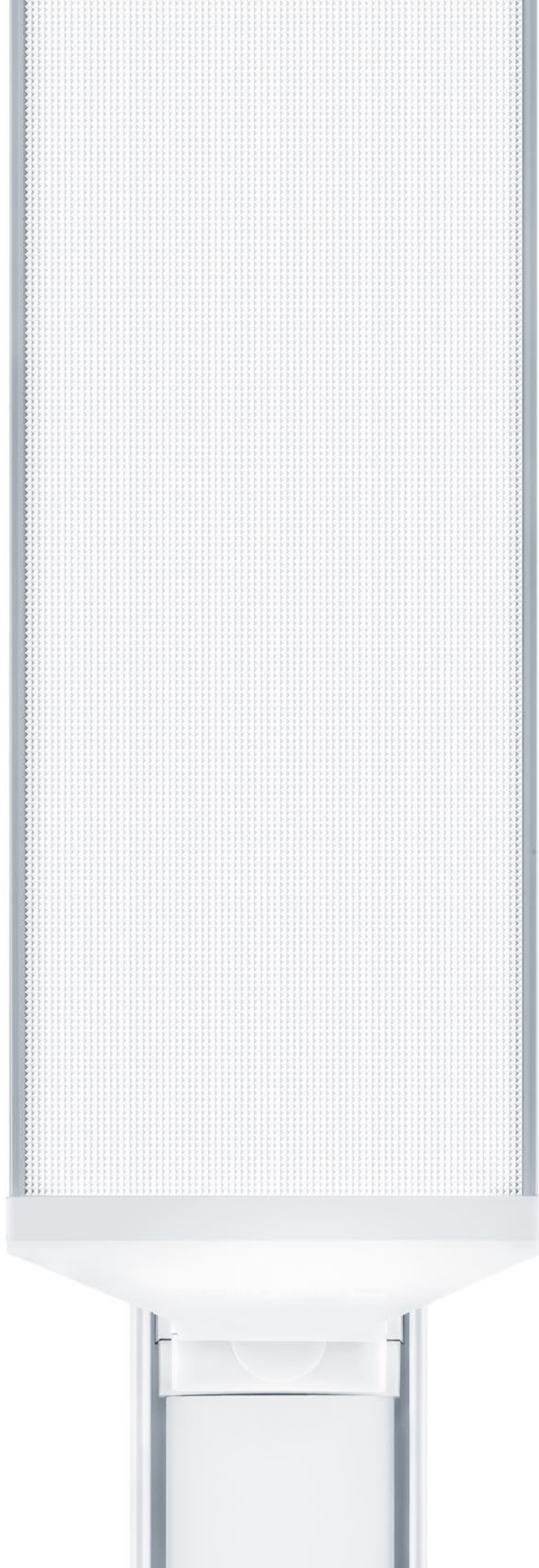
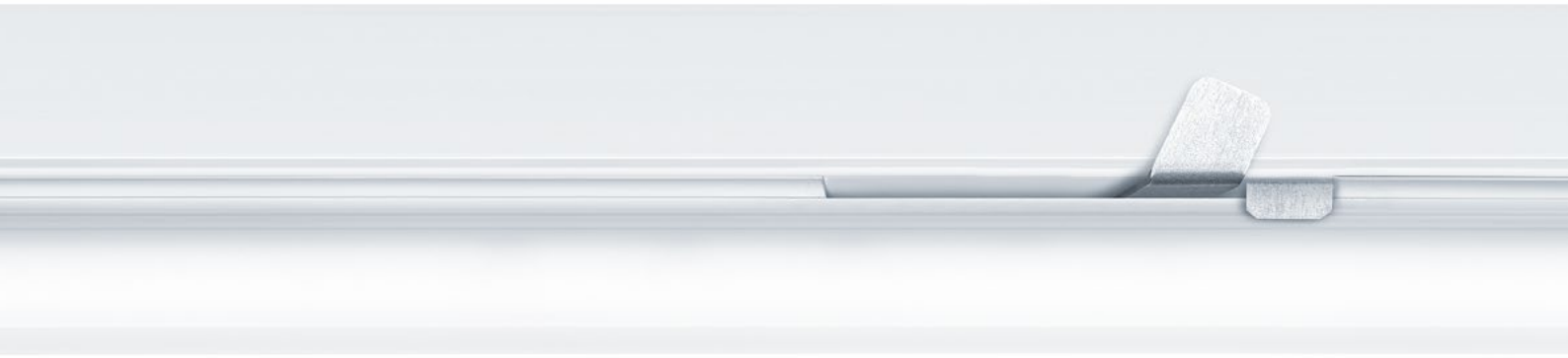


Figure
in original size

2 *TECTON LED continuous row*

TECTON BASIC LED continuous row for simple lighting tasks



TECTON BASIC LED 1.5 metre

High Efficiency



5200 lumens (up to 146 lm/W)

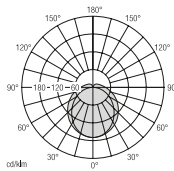
High Output



8000 lumens (up to 133 lm/W)

With the introduction of the BASIC model, an LED version is added to TECTON, probably the most versatile continuous-row lighting system available on the market. TECTON Basic was especially developed for specifications with reduced requirements, thus allowing the use of Zumtobel LED technology in areas in which conventional solutions had to be used until now.

With an LED batten luminaire that has been simplified in terms of technology and optics, TECTON BASIC features a luminous flux of more than 8000 lm and an efficiency of about 146 lm/W, and is especially suitable for less complex lighting tasks in industry and retail. The luminaire is based on the tried-and-tested TECTON trunking, which ensures easy installation, flexible use and virtually unlimited upgrading options.



TECTON LED BASIC combines the tried-and-tested TECTON trunking and Zumtobel LED technology with an LED batten luminaire simplified in terms of optics for use in areas with reduced requirements.

3 *Luminaire elements*

Office and industrial luminaires



The advantages of being mounted on TECTON trunking are now also available for the fully assembled MIREL evolution and ECOOS LED luminaires. Trunking and luminaires are perfectly prepared for integration of emergency lighting and lighting management. For TECTON, the new luminaires open up new applications such as offices, meeting rooms or classrooms, which can now be illuminated easily using efficient LED technology and a classy, discrete look. Both MIREL evolution and ECOOS LED meet maximum requirements with respect to design, energy efficiency and visual comfort. In doing so, MIREL evolution relies on the brilliance of visible lenses, ECOOS LED on the innovative combination of MPO+ and pearl diffuser with 360° light distribution. In this way, both office and industrial luminaires create a maximum of visual comfort and glare control.



MIREL evolution
LED lens luminaire



ECOOS LED
Luminaire with
micro-pyramidal optic
MPO+



MELLOW LIGHT evo/inf
Surface-mounted
luminaire for office
applications



3 *Luminaire elements*

Office and industrial luminaires



The CRAFT model suitable for installation on TECTON trunking can be assembled particularly quickly and allows for easy electrical installation. Only one trunking unit is sufficient to firmly secure the compact high-bay LED luminaire and connect it to the power supply and the lighting control system. With a simple turn of the wrist, additional products for emergency lighting can also be integrated into the reliable TECTON trunking with 11-pole current conducting section. Another benefit: luminaires already installed can be easily moved; additional luminaires can be clicked into place at the required position. In this way, the system can be adjusted to a new situation at any time.



CRAFT
High-bay luminaire



PERLUCE
Moisture-proof luminaire



LINCOR
Surface-mounted luminaire for office applications



Easy installation is a major benefit of the compact, light-weight CRAFT industrial luminaire.

3 *Luminaire elements*

Spotlights



By allowing integration of Zumtobel's IYON, INTRO, VIVO, ONICO and FACTOR spotlight ranges, the TECTON continuous-row lighting system is able to create impressive lighting accents while fulfilling all other tasks as well. Thus, the lighting requirements for shops and retail spaces – ranging from uniform illumination to impressive lighting effects using high-precision reflectors – can be mastered with high efficiency. Here, too, installation is considerably facilitated by CLIX and plug-and-play mechanisms.



IYON
LED spotlight



INTRO
LED spotlight



VIVO
LED spotlight



ONICO
LED spotlight



FACTOR
LED spotlight





Azienda Agricola Zýmè di Celestino Gaspari, San Pietro Carian | IT

Architects: Zurlo Moreno, Verona | IT

Lighting design: Bettiol Dott. Dario / Perin Enrico, Mailand | IT



4 *Emergency lighting*

TECTON and ONLITE



The way TECTON interacts with ONLITE emergency lighting systems ensures optimum lighting and orientation, even in the event of a power failure. As well as making it possible to use every general lighting luminaire for emergency lighting, ONLITE offers an extensive range of emergency and escape sign luminaires with TECTON adapters. A wide variety of separate-battery, group-battery and central-battery systems are available, as well as two independent emergency lighting circuits in the TECTON trunking. Emphasis is placed on integrating emergency lighting into general lighting under ideal visual and functional conditions. All systems provide a central monitoring capability and the ability to control each individual luminaire. General lighting and emergency lighting are combined in a single highly functional, integrative lighting solution.

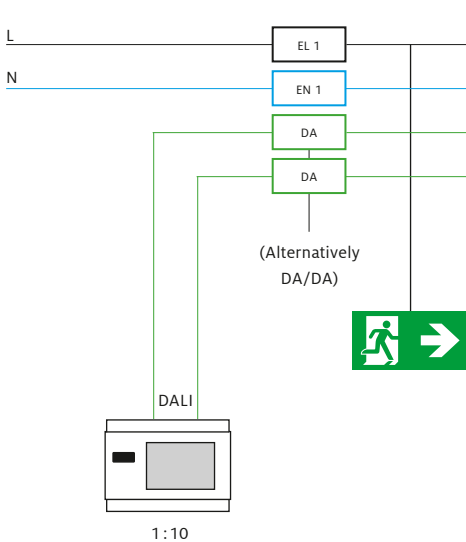


4 Emergency lighting

TECTON and ONLITE

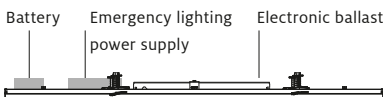
Onlite local Self contained battery supply

In the case of self contained luminaires, the battery is fitted in the actual luminaire. Such luminaires operate as completely self-contained units and are easy to install. There is no need for expensive structural measures or fire-resistant wiring accessories. Self contained luminaires are rated NT1 or NT3 depending on whether they provide 1 hour or 3 hours of operating time.



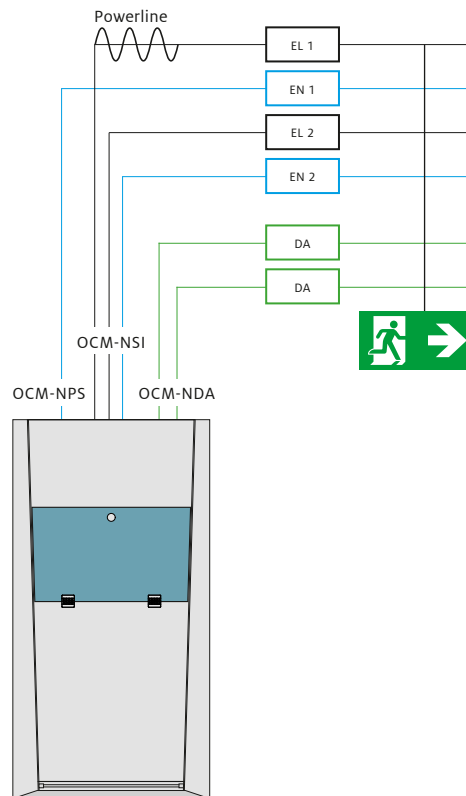
Function tests and annual system tests are performed automatically. The system is centrally monitored where an SB 128 Controller is used (optional).

SB 128 Single battery controller

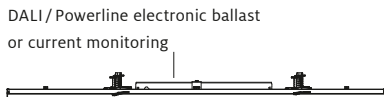


ONLITE central eBox Central battery system

The centrally supplied emergency lighting system is perfectly adjusted to the specifics of LED luminaires and features double energy efficiency: if energy-saving luminaires are connected, ONLITE central eBox scores high on low system output. The emergency lighting system supplies luminaires with a total installed load of 1500 W with power for one hour, luminaires with a total of 500 W for three hours. Several systems can be linked quite easily.

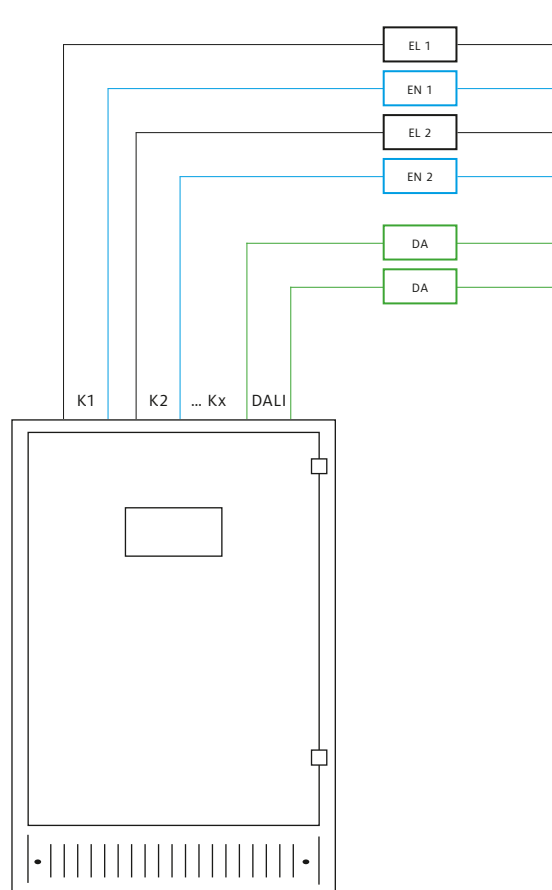


eBox Central battery system

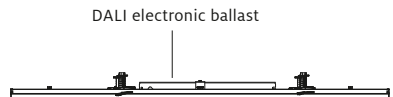


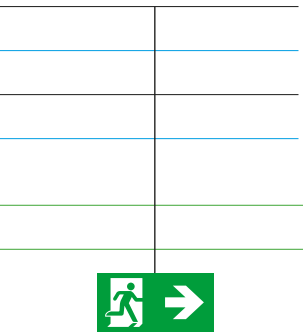
Onlite central CPS Central battery system

Based on a modular system, each central battery system is perfectly customised to the client's requirements. The central battery system communicates via DALI. This way, each DALI luminaire can be used as a separately monitored emergency luminaire and be individually controlled. Other benefits include minimal maintenance effort and interference-free data communication.



CPS Central battery system





Increased safety with four circuits

- Two independent circuits for emergency lighting (4 x 1.5 mm²)



PURESIGN 150



CROSSIGN 110



CROSSIGN 160

Escape sign luminaires with TECTON adapter

- Every escape sign luminaire is available as a self contained, group battery or centrally powered version. These products are equipped with a TECTON adapter as standard. This ensures the TECTON installation concept is implemented consistently across the product range.

4 *Emergency lighting*

TECTON and ONLITE RESCLITE

Figure in original size



RESCLITE escape
rotates through 180° and can be locked

ONLITE RESCLITE escape

Illuminates escape routes at every turn

The EN 1838 standard specifies a minimum level of illuminance of 1 lx for escape routes on the central floor axis. RESCLITE escape uses the special combination of lens and reflector to focus this light onto a long, narrow area. Its illumination range – and maximum distance between the two luminaires is up to 26 metres. High-quality lighting technology reduces glare and ensures optimum visual conditions in emergency operation as well. This characterises RESCLITE escape as a specialist for escape route lighting in rooms with ceiling heights of between 2.2 and 7 metres. The new RESCLITE high ceilings also enables safety to a height of up to 20 metres.



h Mounting height (m)	a1			a2		
	wall	ceiling	luminaire	wall	ceiling	luminaire
	max. distance (m)			max. distance (m)		
	IP20			IP20		
	NT1	NT3	Nxx	NT1	NT3	Nxx
2.2	6.80	6.75	7.20	16.00	15.85	16.80
2.5	7.25	7.20	7.70	17.15	17.00	18.05
3.0	8.05	7.95	8.45	18.90	18.75	19.95
3.5	8.65	8.55	9.20	20.50	20.30	21.65
4.0	9.15	9.05	9.75	22.05	21.90	23.20
4.5	9.60	7.00	10.25	23.45	23.20	24.80
5.0	5.45	5.15	10.70	23.30	22.60	26.15
5.5	4.20	3.95	6.30	22.20	21.70	26.30
6.0	3.40	3.15	5.05	21.80	21.25	25.10
6.5	2.40	2.10	4.15	18.15	17.05	24.65
7.0	1.00	–	3.35	15.65	14.70	24.00
7.5	–	–	2.15	13.10	12.25	19.00

Nxx = NDA, NSI, NPS

Light source	LED
Installed load	≤ 5 W
Power supply	NT1, NT3 (DALI, separate battery) NDA (DALI, central) NSI (Powerline, central) NPS (no communication, central)
Protection type	IP20
Housing material	Die-cast aluminium
Housing colours	White RAL 9016 Aluminium RAL 9006
Dimensions W x H x D	85 × 85 × 2.2 mm (recessed) 145.7 × 145.7 × 34.3 mm (surface-mounted)
Application EN 1838	Escape route lighting

Factors of spacing table:

Minimum illuminance: 1 lx on central floor axis, 0.5 lx on half of escape route width | Escape route width: 2 m Maintenance factor: 0.8 | Reflection factor: 0 | Uniformity: max 40:1 Luminous intensity distribution: cd/1000lm

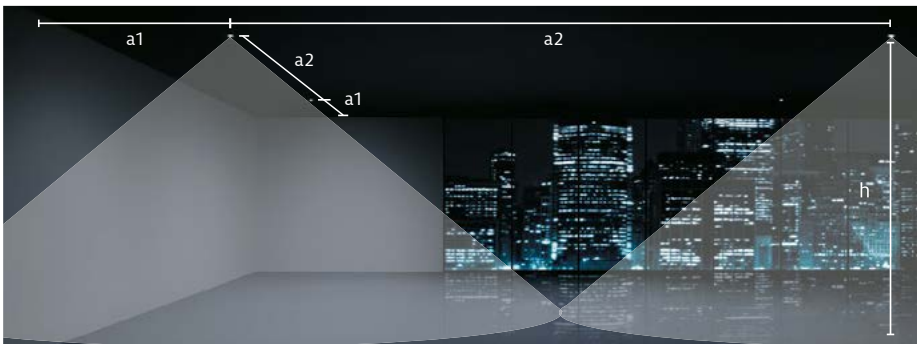
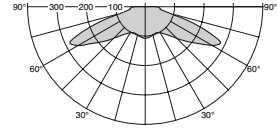
4 Emergency lighting

TECTON and ONLITE RESCLITE

ONLITE RESCLITE antipanic

Ensures good orientation in the room

According to EN 1838, at least 0.5 lx on the free floor area is required to avoid panic in emergency situations. With its wide-angle and rotationally symmetrical light emission, the RESCLITE antipanic luminaire is able to illuminate very large areas in an uniform way. Just one single luminaire is enough to provide orientation for an area of 220 m² or make escape routes and obstacles visible. Due to the high colour rendering index and ideal glare control, visual conditions are optimised in an emergency. As a new high ceiling luminaire, RESCLITE antipanic ensures vision in rooms with ceiling heights of up to 29 metres.



h Mounting- height (m)	a1			a2		
	wall	ceiling	luminaire	wall	ceiling	luminaire
	max. distance (m)					
	IP20			IP20		
	NT1	NT3	Nxx	NT1	NT3	Nxx
2.2	3.95	3.95	4.15	9.50	9.35	9.55
2.5	4.20	4.15	4.45	10.45	10.40	10.65
3.0	3.05	3.00	3.45	11.95	11.85	12.40
3.5	3.15	3.10	3.45	13.05	12.95	13.70
4.0	2.80	2.70	3.55	12.30	12.10	14.80
4.5	2.65	2.55	3.15	12.70	12.55	13.75
5.0	2.35	2.20	2.95	13.20	13.05	14.15
5.5	1.85	1.70	2.70	12.15	11.90	14.75
6.0	1.50	1.40	2.20	12.20	12.00	13.70
6.5	1.20	1.05	1.80	12.30	11.85	13.60
7.0	0.55	0.20	1.55	11.90	11.65	13.80
7.5	-	-	1.15	11.70	11.20	13.45
8.0	-	-	0.15	10.95	10.60	13.30
8.5	-	-	-	10.50	10.20	12.85
9.0	-	-	-	10.00	9.45	12.25

Nxx = NDA, NSI, NPS

Light source	LED
Installed load	≤ 5 W
Power supply	NT1, NT3 (DALI, separate battery) NDA (DALI, central) NSI (Powerline, central) NPS (no communication, central)
Protection type	IP20
Housing material	Die-cast aluminium
Housing colours	White RAL 9016 Aluminium RAL 9006
Dimensions W x H x D	85 × 85 × 2.2 mm (recessed) 145.7 × 145.7 × 34.3 mm (surface-mounted)
Application	Antipanic lighting
EN 1838	

Factors of spacing table:

Minimum illuminance: 0.5 lx | Maintenance factor: 0.8

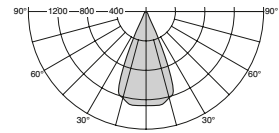
Reflection factor: 0 | Uniformity: max 40:1

Luminous intensity distribution: cd/1000lm

ONLITE RESCLITE spot

Rescue and alarm facilities are shown in the right light

First aid facilities, fire-fighting tools and fire-alarm systems off escape routes and outside antipanic lighting systems require special attention according to EN 1838. Measured at ground level, they must be illuminated with at least 5 lx. RESCLITE spot complies with these demands along with high safety and low energy consumption. The LED spot can thus be installed anywhere where emergency lighting with higher lighting intensity levels is required. Such applications also include danger areas and safety facilities.



h	Ø		
	Diameter (m)		
	IP20		
	NT1	NT3	Nxx
2.2	2.70	2.60	2.80
2.5	2.90	2.90	3.00
3.0	3.10	3.10	3.30
3.5	3.20	3.20	3.50
4.0	3.30	3.30	3.60
4.5	3.40	3.30	3.70
5.0	3.30	3.20	3.80
5.5	2.90	2.60	3.70
6.0	0.90	0.70	3.50
6.5	-	-	1.40
7.0	-	-	0.60

Nxx = NDA, NSI, NPS

Light source	LED
Installed load	≤ 5 W
Power supply	NT1, NT3 (DALI, separate battery) NDA (DALI, central) NSI (Powerline, central) NPS (no communication, central)
Protection type	IP20
Housing material	Die-cast aluminium
Housing colours	White RAL 9016 Aluminium RAL 9006
Dimensions W x H x D	85 × 85 × 2.2 mm (recessed) 145.7 × 145.7 × 34.3 mm (surface-mounted)
Application EN 1838	Object lighting

Factors of spacing table:

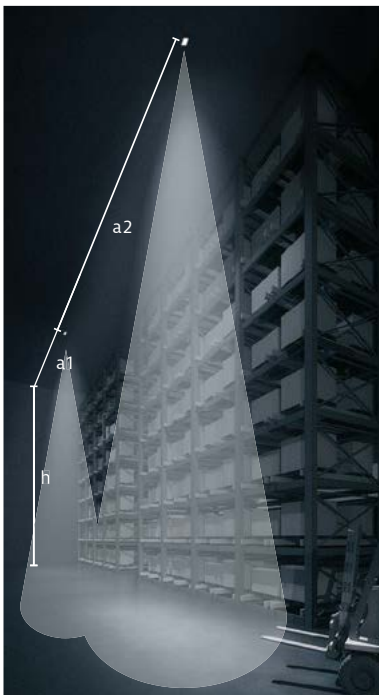
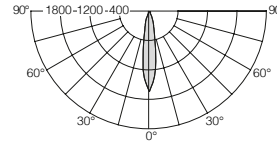
Minimum illuminance: 5 lx | Maintenance factor: 0.8
Reflection factor: 0 | Uniformity: max 40:1
Luminous intensity distribution: cd/1000 lm

4 Emergency lighting

TECTON and ONLITE RESCLITE

RESCLITE escape high ceilings ensures maximum safety for escape routes in areas with high ceilings

The EN 1838 standard specifies a minimum level of illuminance of 1 lux on the central floor axis for a 2 m wide escape route. RESCLITE escape high ceilings uses a special combination of lenses and reflectors to focus its light onto a long, narrow strip, resulting in coverage of up to 22 m – which is the maximum distance allowed between two luminaires. It is a unique selling proposition of RESCLITE escape high ceilings that it is able to provide illumination in compliance with relevant standards, even at mounting heights of up to 23 m.



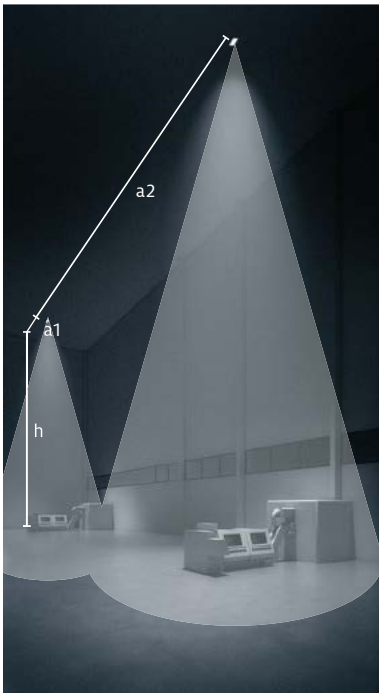
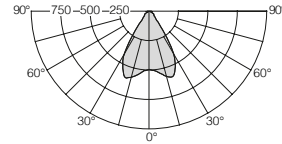
RESCLITE escape high ceilings*

h	a1*	a2*
Mounting height (m)	wall / luminaire max. distance (m)	luminaire / luminaire max. distance (m)
	NDA, NSI, NPS	NDA, NSI, NPS
7.0	7.45	17.75
8.0	8.00	19.10
9.0	8.50	20.35
10.0	8.35	21.20
11.0	5.95	22.30
12.0	6.00	21.90
13.0	6.00	22.15
14.0	5.25	21.10
15.0	4.20	20.35
16.0	2.90	16.80
17.0	-	17.05
18.0	-	16.15
19.0	-	14.80
20.0	-	10.45
21.0	-	9.65
22.0	-	7.10
23.0	-	4.00

Light source	LED
Installed load	≤ 5,5 W
Power supply	NDA (DALI, central) NSI (Powerline, central) NPS (no communication, central)
Protection type	IP20 (IP65 für RESCLITE-luminaire housing)

RESCLITE antipanic high ceilings ensures safe orientation in areas with high ceilings

In order to reduce the risk of panic in an emergency, EN 1838 requires 1 hour of antipanic lighting with at least 0.5 lux for halls or large conference rooms without clearly defined escape routes. The new RESCLITE antipanic high ceilings luminaire meets this requirement even in rooms with ceilings that are up to 30 m high. Thanks to its rotationally symmetrical wide-angle lighting pattern, a single RESCLITE antipanic high ceilings luminaire is sufficient to uniformly illuminate a surface of 290 m², provide orientation and ensure that escape routes can be safely reached.



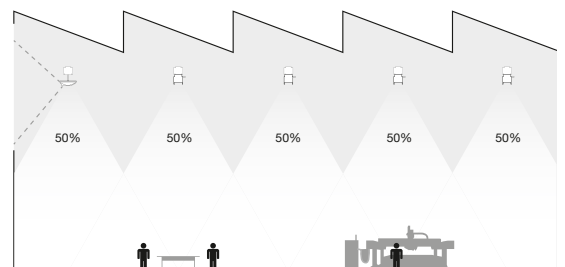
RESCLITE escape high ceilings*

h	a1*	a2*
Mounting height (m)	wall / luminaire max. distance (m)	luminaire / luminaire max. distance (m)
	NDA, NSI, NPS	NDA, NSI, NPS
9.0	4.55	11.65
10.0	4.80	12.45
11.0	5.00	13.25
12.0	5.10	14.05
13.0	5.10	14.90
14.0	4.85	15.65
15.0	4.30	16.40
16.0	-	17.05
17.0	-	15.85
18.0	-	14.50
19.0	-	14.00
20.0	-	13.80
21.0	-	13.85
22.0	-	14.00
23.0	-	14.15
24.0	-	14.10
25.0	-	13.95
26.0	-	13.25
27.0	-	12.60
28.0	-	11.95
29.0	-	11.25
30.0	-	9.85

Light source	LED
Installed load	≤ 5,5 W
Power supply	NDA (DALI, central) NSI (Powerline, central) NPS (no communication, central)
Protection type	IP20 (IP65 für RESCLITE-luminaire housing)

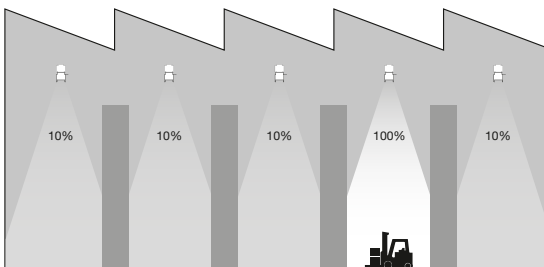
4 *Lighting management*

Sensors



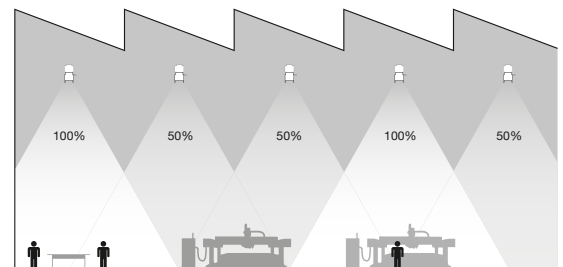
Daylight-based control

Most energy can be saved by integrating a DALI light sensor directly into the TECTON trunking. The daylight entering the room is continuously monitored by this sensor, and – in combination with the appropriate LUXMATE control modules – these measuring values provide the basis for adding just the necessary amount of artificial lighting that is required to ensure the desired level of illuminance.



Presence detector

The TECTON presence detector combines energy saving with high user convenience. It ensures a sufficient level of brightness whenever people or vehicles enter a room or specific areas and, after a defined period of time, automatically switches to a light level of 10%. In terms of mounting height, the presence detector is also highly flexible: it detects movements from heights ranging from 2.5 m to 10 m. Its installation does not require addressing or commissioning.



IR multi-sensor with presence detection

To ensure that the lighting is operated at a level of 100% only if this level of brightness is actually required, the multi-sensor monitors the presence of persons in the rooms and also accepts commands given via the IR-TOUCH infrared remote control. It is also possible to use the remote control for programming individual lighting scenes for presence and absence. The multi-sensor is designed for use with DALI-based LUXMATE lighting control systems such as DIMLITE, EMOTION and LITECOM.

4 *Lighting management*

For convenience and efficiency

Plug & Play lighting management

DIMLITE

DIMLITE is a simple lighting management system, which nevertheless features the most important convenience and energy-saving functions and is ideal for small applications involving up to 100 DALI luminaires.

zumtobel.com/dimlite

System limitations:

– 25 DALI- or 50 DSI luminaires per channel

Energy saving:

- Uses indoor sensor to take daylight into account
- Presence detectors
- No-load disconnection of electronic ballasts by relay switching

Initial operation:

– Auto setup requires relatively little commissioning effort

Add-on functions:

- User-configurable lighting scenes
- CIRCLE control point and conventional momentary-action switches
- Switches

Lighting management for luminaires, blinds and emergency lighting

LITECOM

The scalable LITECOM system offers customised state-of-the-art bus technology for any size of installation. Lighting system and blinds are controlled on the basis of the current lighting and weather conditions. Energy consumption is sustainably optimised through daylight-based management, central time settings and presence detectors. LITECOM is suitable for installations with a medium number of DALI luminaires and blinds.

zumtobel.com/litecom

System limitations:

– max. 250 addresses per LITECOM CCD

Energy saving:

- Uses indoor light sensor to take account of daylight
- Automatic control of blinds
- Presence detectors
- Flexible calendar and timer functions

Initial operation:

– Commissioning via Zumtobel Service staff or wizard software

Notlichtintegration:

– ONLITE eBox

Add-on functions:

- User-configurable lighting scenes
- Various local control options (CIRIA, CIRCLE, EnOcean radio etc.)
- Graphic user interface
- Touch panel integration
- Optional remote maintenance

LITENET

For installations with more than 250 addresses, the LITENET lighting management system must be used.

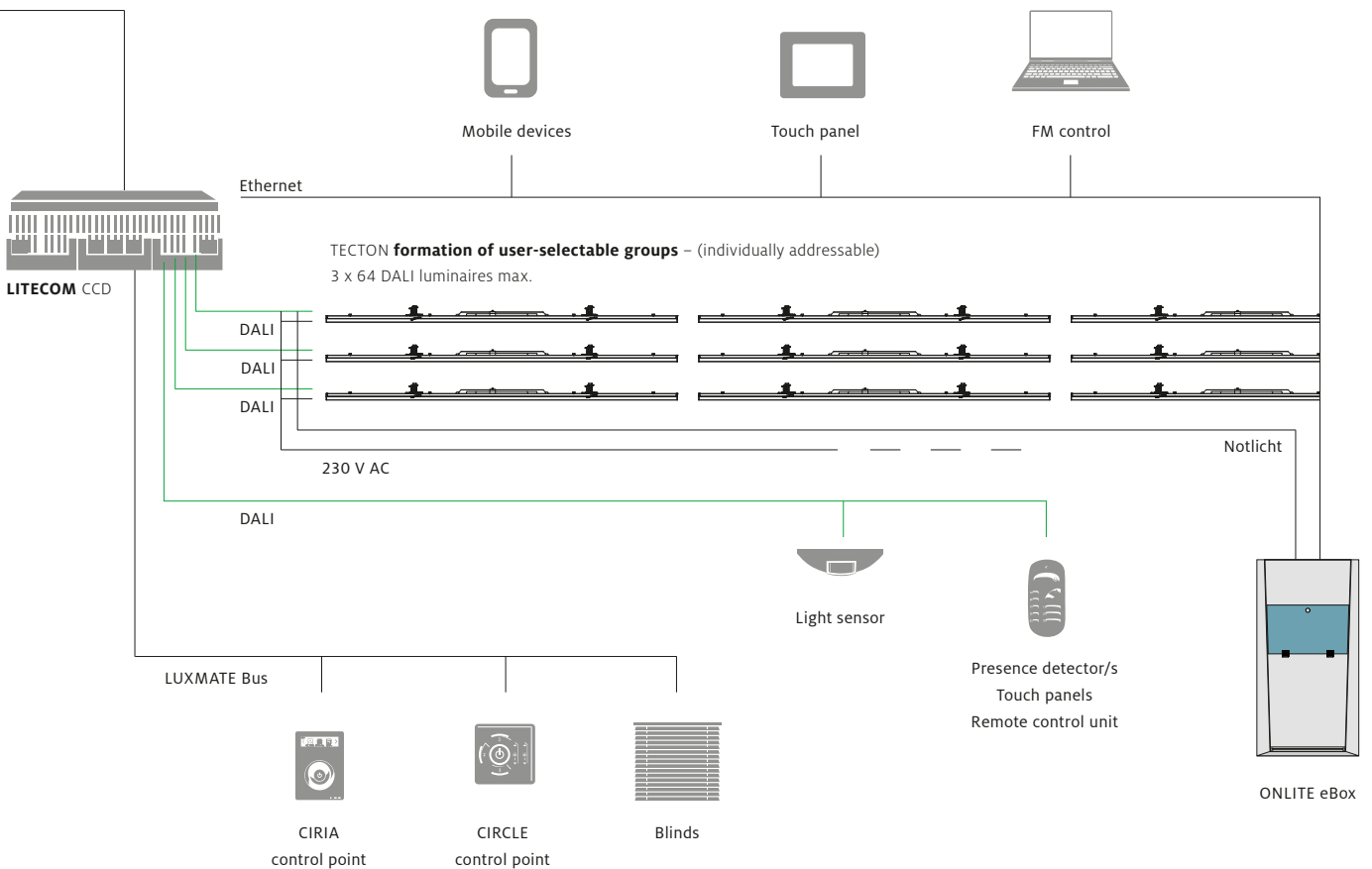
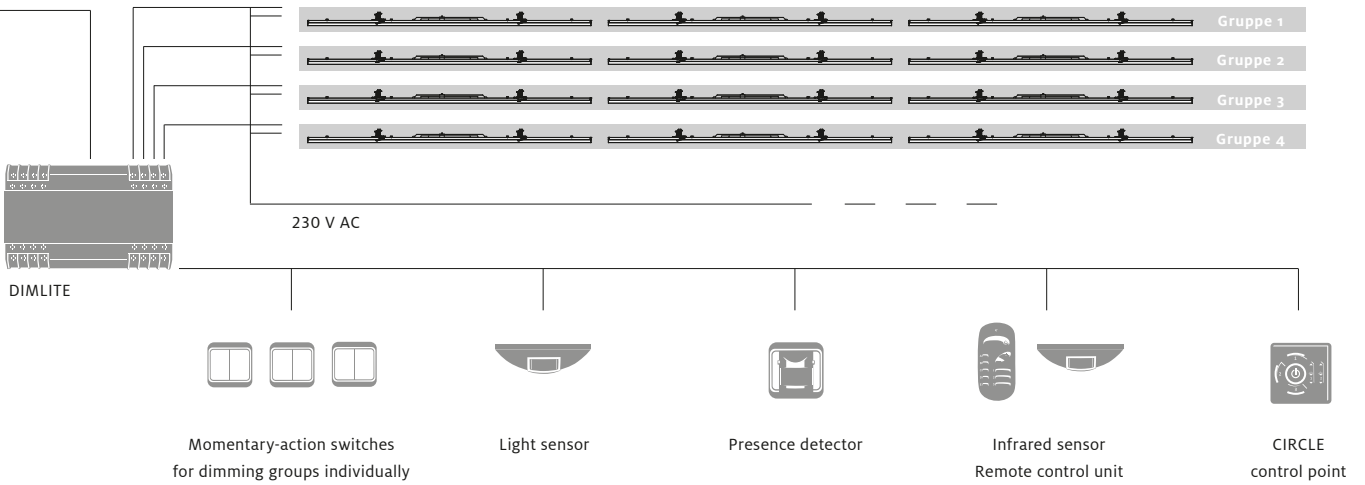
zumtobel.com/litenet

System limitations:

- Up to 500 "Economy topology" automation addresses
- Up to 2000 "Compact topology" automation addresses
- Up to 10 000 "Flexible topology" automation addresses

TECTON groups

1-4 (up to 25 x DALI or 50 x DSI luminaires per channel – can be extended by DALI-V or DSI-V)



4 *Lighting management*

Systematic energy saving

Effective luminaires and light sources are the first step. Highly efficient products such as Zumtobel's LED luminaires make saving energy a sure-fire success. Energy consumption drops by around 25% where luminaires are fitted with modern, electronic control gear that has a dimming function. Lighting that is only switched on when it is actually needed is the most frugal of all. Presence detectors or predefined switch-on times, recorded, for instance, in LITECOM central building calendar, can reap potential savings of 20 to 40%.

Natural daylight, which is available free of charge and is the most acceptable kind of light, provides the most efficient lighting of all. Perfect daylighting makes it possible to save up to 75% of the energy used for lighting in functional buildings. This free daylight that enters buildings can still be used even if there is sunshading and glare protection. Properly coordinated control of lighting and blinds reduces the cooling load of a building and improves lighting quality as well.

Maximum energy savings are achieved by aggregating all potential savings and continuously maintaining an installation by opting for an individually tailored Zumtobel service package for instance. The result is greater independence in the face of energy price increases and a sustainable drop in costs and CO₂ emissions over a period of many years.

Optionally, LITECOM is also available with the "Maintenance Control" function to save energy. In this case, the over-dimensioning of the lighting systems required under the law is compensated for by automatic dimming.

zumtobel.com/litecom



Luminaires and light sources



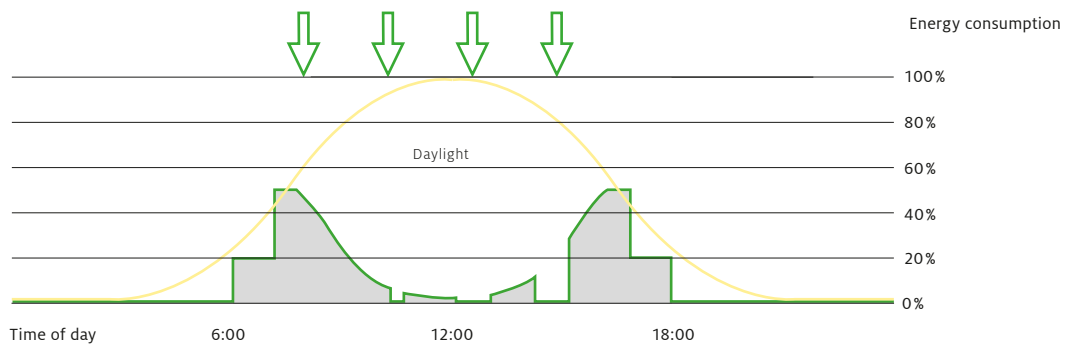
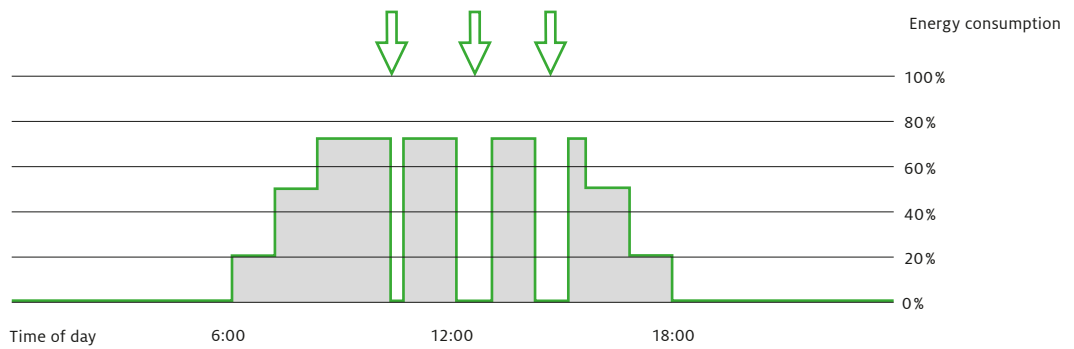
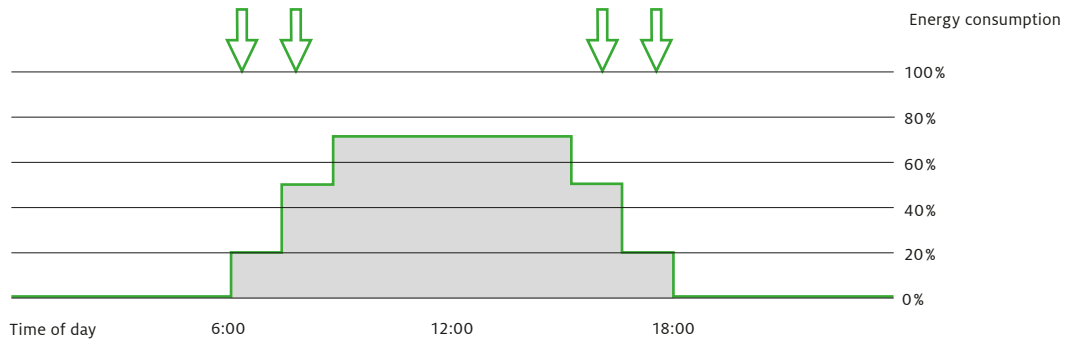
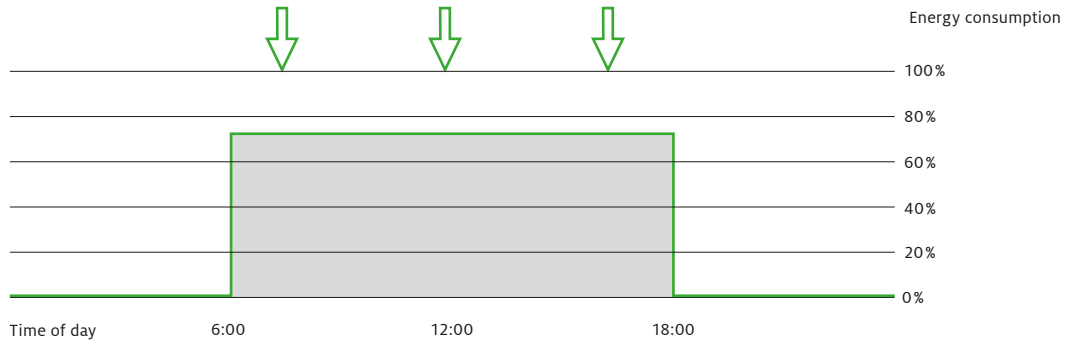
Time-based management



Presence detection



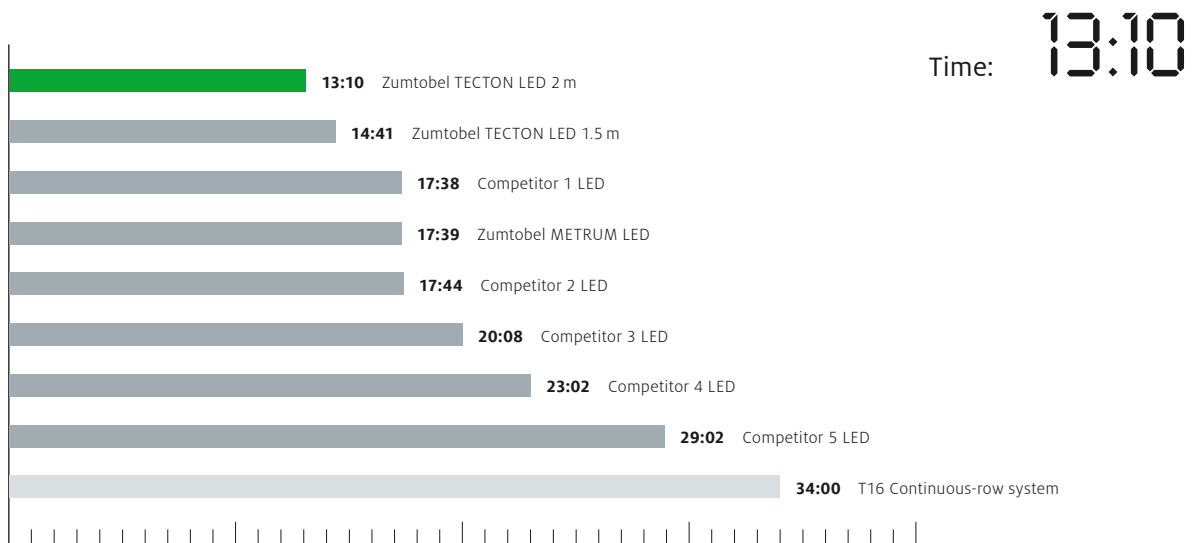
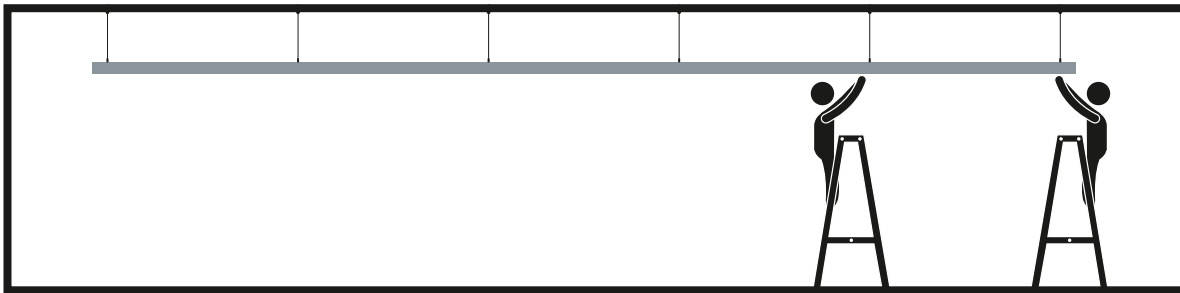
Daylight



TECTON LED installation

Saves time and money

15 m continuous-row LED system



In a comparison of eight different continuous-row LED systems regarding the time required for installation of a continuous-row LED system (15 m), independent Refaconsult GmbH found that TECTON LED can be installed considerably faster than comparable products. Time savings of up to 55 per cent certainly save a lot of money. Compared to conventional T16 solutions, 61 per cent of time can be saved on average with a TECTON LED solution. Moreover, TECTON already integrates emergency lighting circuits and DALI control lines.

Framework conditions test setup:

Length of continuous row 15 m, ceiling height 3.7 m, height of continuous row 3.2 m, 2 persons with ladders. The time indicated is for mounting excluding unpacking and excl. assembly of suspension systems (approx. 30 min).



One system – unlimited possibilities

Fitted with an 11-pole current-conducting section, TECTON solves not only all general and accent lighting tasks but also allows for emergency luminaires and sensors to be seamlessly integrated into the system.

Easy installation and flexibility

The complete continuous-row lighting system is characterised by very quick and easy installation. Only the trunking rails require an electrical feed, so the luminaires and sensors can simply be clicked into place – delivering absolute flexibility and ensuring that their position can be changed at any time.

Always up to date

The TECTON product portfolio is being continuously improved and extended. The installed trunking rail can be combined with the latest technology to create a truly future-proof solution.

Extensive solution competence

TECTON C LED continuous-row luminaires blend maximum efficiency with minimum glare, impact resistance of IK07 and IP50 protection for the LED and the optic. Four different light distributions guarantee excellent flexibility.

100 per cent LED

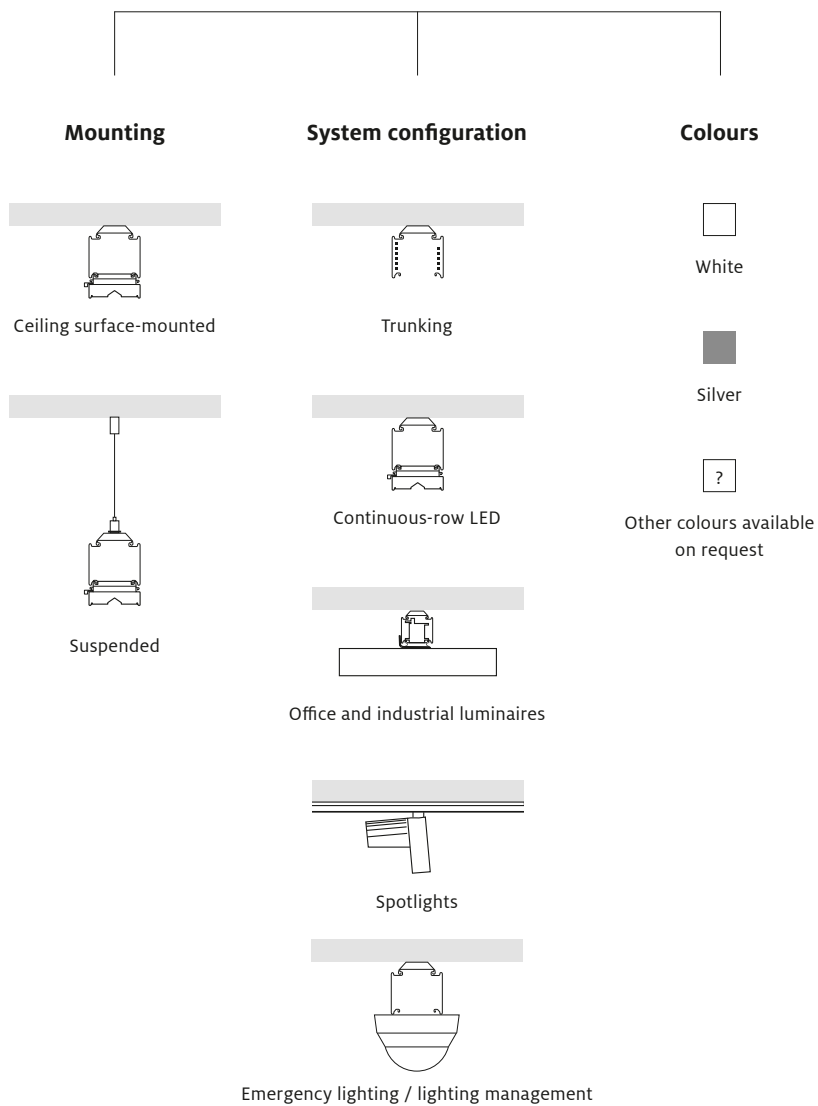
Additional luminaires such as TECTON MPO LED and TECTON BASIC LED, along with the possibility to integrate other Zumtobel products, make TECTON a complete LED lighting solution.



TECTON

Continuous-row LED lighting system

Overview TECTON



TECTON fixing accessories

TECTON ceiling bracket

Order no.

- Fastening spring made of stainless steel
- Maximum tensile load: 30 kg
- Fastened to trunking using CLIX technology
- Recommended wall-fastener spacing 3 m
- Must be installed by qualified professional

Fixture

TECTON AD Ceiling fixing element

22 169 175



TECTON wall bracket

Order no.

- Fastening spring made of stainless steel
- Maximum load: 15 kg
- Keyhole for easy hook-in
- Fastened to trunking using CLIX technology
- Recommended wall-fastener spacing 1.5 m
- Must be installed by qualified professional

Fixture

TECTON AW

22 128 014



TECTON caddy clip fixing component

Order no.

- Fastening spring made of stainless steel
- Built-in caddy clip for fastening on exposed ceiling carrier systems of 24–26 mm width and max. thickness of 1.5 mm
- Fastened to trunking using CLIX technology
- Recommended wall-fastener spacing 3 m
- Maximum tensile load: 22 kg
- Must be installed by qualified professional

Fixture

TECTON AC (Caddy Clip)

22 169 176



TECTON cord suspension

- Made of galvanised steel cord
- 3-piece ceiling bracket
- Fastening spring made of stainless steel
- Continuous height adjustment
- Maximum load: 30 kg; with Caddy Clip 22 kg
- Fastened to trunking using CLIX technology
- Recommended wall-fastener spacing 3 m
- Must be installed by qualified professional

Cord suspension

	H	Order no.
TECTON ASI1 O-L	1000	22 169 178
TECTON ASI2 O-L	2000	22 169 179
TECTON ASI5 O-L	5000	22 169 180

Cord suspension for caddy clip

TECTON ASI1 O-L Caddy Clip	1000	22 169 181
TECTON ASI2 O-L Caddy Clip	2000	22 169 182



TECTON chain suspension

Order no.

- Fastening spring made of stainless steel
- Galvanised S hook with integral sleeve for easy height adjustment
- Maximum tensile load: 30 kg
- Fastened to trunking using CLIX technology
- Recommended wall-fastener spacing 3 m
- Must be installed by qualified professional

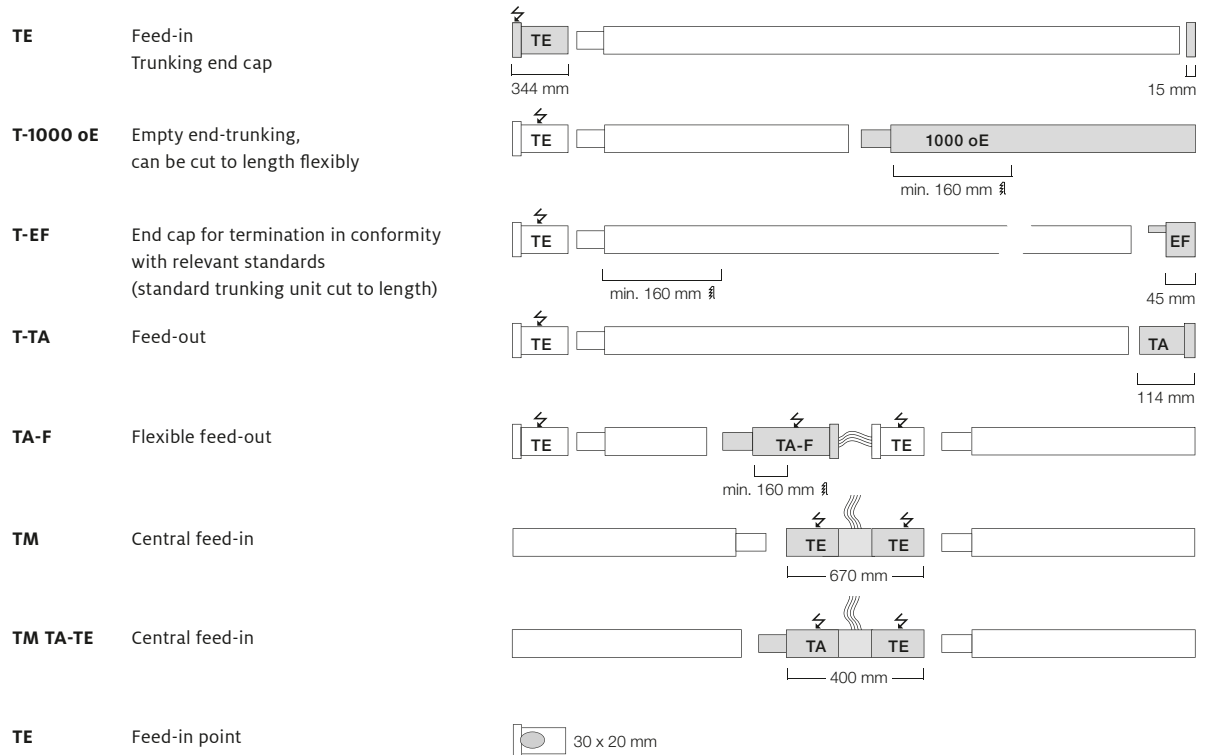
Chain suspension

TECTON AK galvanised	22 169 177
ZAKK Chain, galvanised, per metre galvanised	20 042 906
ZAKK Chain, non-rusting, per metre	20 969 682



TECTON trunking rails and components

Possible feed-in and feed-out points TECTON



An additional feed-in point is recommended for continuous-row systems which are longer than 50 m.

TECTON central feed-ins are perfect for this purpose, especially since they do not disrupt the visual continuity of a continuous-row system.

TECTON electric feed, white/silver

- Made of roll-formed sheet steel painted with white polyester resin enamel or in RAL 9006
- Power feed-in / central feed-in / feed-out for electrical connection of continuous row system
- Shock protection for current conducting section included at end of trunking
- Feed end-cap (for feed at rear and front end) and closing end-cap made of transparent plastic
- TE/TA: plug-in terminals for 5 mains cables (2.5 mm²), 2 x 2 emergency lighting cables (1.5 mm²) and 2 control lines (1.5 mm²)
- TA-F: electrical output unit for flexible length adjustment (adjustment range 850 mm)
- Installation should always start from the centre supply area
- TM: 2 sets with plug-in terminals for 5 mains cables (2.5 mm²), 2 x 2 emergency cables (1.5 mm²) and 2 control lines (1.5 mm²) for central load distribution
- Spotlights, socket modules, ONLITE emergency luminaires cannot be positioned above the input and output supply elements

Electrical feed-in/feed-out, white

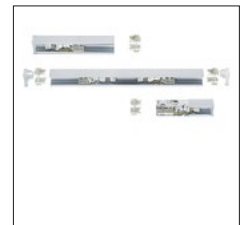
	L	kg	Order no.
TECTON TA Feed-out white	114	0,7	22 128 099
TECTON TA-F Flexible feed-out white	1000	2,0	22 065 761
TECTON TE Electric feed white	344	0,7	22 128 083
TECTON TM Central feed white	670	1,2	22 064 845
TECTON TM TA/TE Central feed	400	1,0	22 162 296

Electrical feed-in/feed-out, silver

TECTON TA Feed-out silver RAL 9006	114	0,7	22 065 868
TECTON TA-F Flexible feed-out silver RAL 9006	1000	2,0	22 066 679
TECTON TE Feed-in silver RAL 9006	344	0,7	22 065 855
TECTON TM Central feed silver RAL 9006	670	1,2	22 157 290
TECTON TM TA/TE Central feed	400	1,0	22 162 295

Strain relief

TECTON TZ Strain relief			22 161 459
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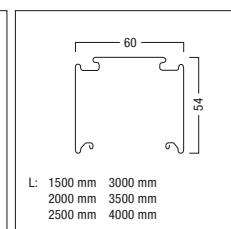
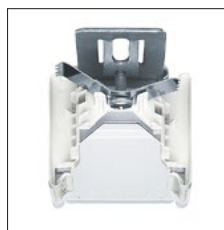
TECTON trunking rails and components

TECTON trunking units, white/silver

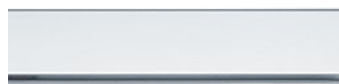


- Made of roll-formed sheet steel painted with white polyester resin enamel or in RAL 9006
- 11 conductors in built-in current conducting section
- Four conductors for two independent emergency lighting circuits and two DALI control lines integrated in trunking
- Greatest possible flexibility in positioning of continuous row luminaires
- Includes built-in connector for electrical and mechanical quick connection
- TECTON T-EF: end cap for trunking units cut to length in conformity with standards
- Empty trunking: length 1 m, as compensation piece for cutting to length special configurations, physical connector integrated (cutting range 850 mm)
- Power tapping also possible where trunking units butt together
- Lengths in 0.5 m increments
- Trim the standard trunking unit to 30 mm shorter than the finished size (end cap conceals this 30 mm length)
- A TECTON mounting rail end cap reduces the length of the mounting rail equippable with luminaires by 5mm

	L	kg	Order no.
Trunking, white			
TECTON T 1500 mm	1500	2,5	22 157 598
TECTON T 2000 mm	2000	3,7	22 128 036
TECTON T 2500 mm	2500	4,5	22 128 042
TECTON T 3000 mm	3000	5,3	22 128 058
TECTON T 3500 mm	3500	6,1	22 128 077
TECTON T 4000 mm	4000	6,9	22 128 061
Trunking, silver			
TECTON T 1500 mm	1500	2,5	22 157 599
TECTON T 2000 mm	2000	3,7	22 065 799
TECTON T 2500 mm	2500	4,5	22 065 802
TECTON T 3000 mm	3000	5,3	22 065 811
TECTON T 3500 mm	3500	6,1	22 065 827
TECTON T 4000 mm	4000	6,9	22 065 833
Empty trunking, white			
TECTON T 1000 mm oE	1000	1,7	22 128 020
Empty trunking, silver			
TECTON T 1000 mm oE	1000	1,7	22 065 849
White end cap for trunking unit cut to length			
TECTON T-EF	45		22 065 758
Silver end cap for cut-to-length track			
TECTON T-EF	45		22 157 602
Cutting aid			
TECTON ABLH	120	0,7	22 064 924



TECTON individual trunking unit white/silver



- Made of roll-formed sheet steel painted with white polyester resin enamel or in RAL 9006
- Lengths for LED continuous row luminaires in L1000, L1500, L2000, BASIC LED and MPO LED
- End caps included
- 3 terminals for mains connection
- 1 pole for continuous phase (self-contained emergency lighting)
- 2 poles for brightness control light controls
- Power tapping occurs without use of any tools

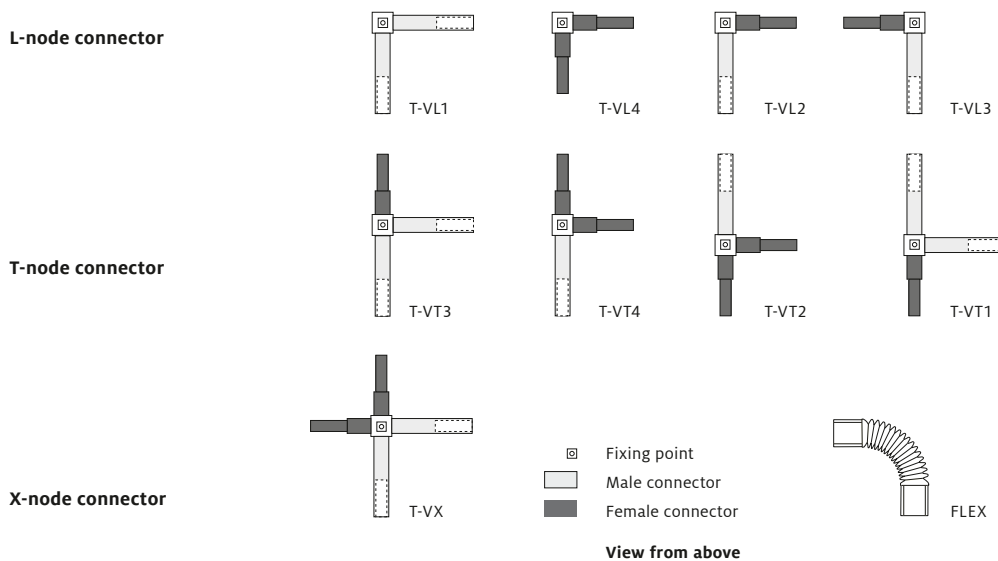
	L	kg	Order no.
Single mounting rail, white			
TECTON T LED L1000	1013	1,7	22 169 357
TECTON T LED L1500	1512	2,5	22 169 358
TECTON T LED L2000	2010	3,3	22 169 359
TECTON T MPO/BASIC LED	1522	2,7	22 169 097
Single mounting rail, silver			
TECTON T MPO/BASIC LED	1522	2,7	22 169 112

Please order suspension elements separately.



TECTON trunking rails and components

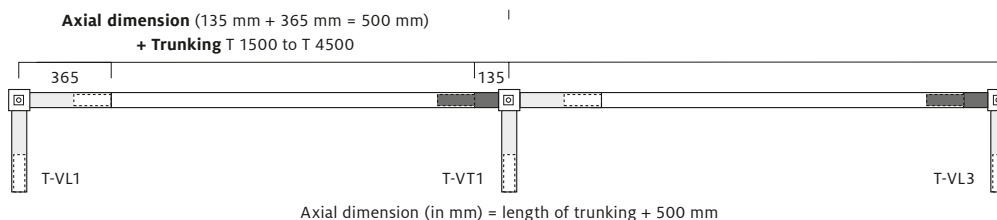
TECTON node connector



Calculating axial dimensions with node connectors

It is very easy to calculate axial dimensions: two connectors together measure 0.5 m. Trunking units are also available in 0.5 m length increments. The axial dimension is therefore always the length of the trunking plus 0.5 m.

Example:

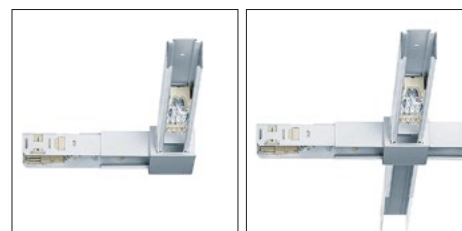


TECTON node connector



- L-, T- and X-connectors made of galvanised sheet steel in white or silver, with central plastic cover
- Can be suspended in node point using standard fastening spring
- Feed in node point possible on 11-pole terminal
- A node comprises at least one incoming feeder and one outgoing feeder
- Incoming and outgoing feeder not pre-wired (must be wired on site by electrical installer)
- Flexible connector with white sleeve

	kg	Order no.	Order no.
		white	silver
L-node connector			
TECTON T-VL1	1,4	22 157 273	22 157 281
TECTON T-VL2	1,6	22 157 274	22 157 282
TECTON T-VL3	1,6	22 157 275	22 157 283
TECTON T-VL4	1,9	22 157 276	22 157 284
T-node connector			
		white	silver
TECTON T-VT1	2,1	22 157 277	22 157 285
TECTON T-VT2	2,4	22 157 278	22 157 286
TECTON T-VT3	2,2	22 157 279	22 157 287
TECTON T-VT4	2,4	22 157 280	22 157 288
X-node connector			
		white	silver
TECTON T-VX	3,2	22 157 272	22 157 289
Flexible node connector			
TECTON V FLEX 500	1,0	22 166 765	



TECTON trunking rails and components

TECTON plastic cover strip, white/silver

- Plastic cover strips made of polypropylene (white) or PVC (silver)
- TECTON T AK-GP: contains 4 pcs. cover strip
- Can be individually cut to length by customer

	L/W/H	Order no.
Cover strip, white TECTON T/KK AK 1498	1498/47/1	22 170 178
Cover strip, silver TECTON T/KK AK 1498	1498/47/1	22 170 179

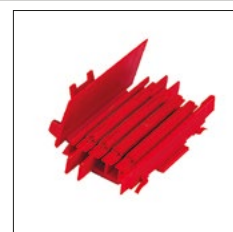
650°C



TECTON separator control line

- Isolating element for separating D1/D2 control lines in Luxmate Professional applications

	Order no.
Separator TECTON TT-D1/D2	22 128 393



TECTON LED continuous-row luminaire

[...] Shared properties TECTON LED

- Overlapping PMMA lenses (shatter-resistant to IK06) achieve IP50 protection for LED and optic with all TECTON C LED luminaires
- Split lens concept for reducing perceived glare
- LED continuous row luminaire with 64 highly efficient mid-power LEDs per segment
- Linear Tecton LED solution. High-quality look designed to match trunking
- LED continuous-row luminaire made of roll-formed sheet steel in white polyester lacquer finish
- All-in-one solution: lighting batten, lamp and reflector are combined in one product and allow a 100% continuous ribbon of LED light without gaps
- Colour rendering index: Ra > 80 (4000 K, 3000 K and 6500 K)
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- Colour temperature: 3000 K (LED830: warm white), 4000 K (LED840: intermediate), 6500 K (LED865: cool white)
- LED service life: 50000 h before luminous flux is reduced to 90% of the initial value
- Dimming level for DC mode preset to 15%
- LED luminaire is Switch Dim-compatible
- 100% flexible, tool-free mechanical and electrical installation using CLIX-technology by means of two side-mounted rotary levers on the TECTON trunking
- With use of the 2 m luminaire, up to 25% less luminaires are needed, thus reducing installation time by an average of 35% (mounting easily possible with one person only)
- Ideal utilisation of LED driver at length of 2 m enables higher system efficiency than the 1.5 m luminaire
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- No ultraviolet or infrared radiation
- Luminaire has halogen-free and silicon-free wiring
- Luminaire available via myTECTON with dimmable TRIDONIC IVG control device or as switchable version

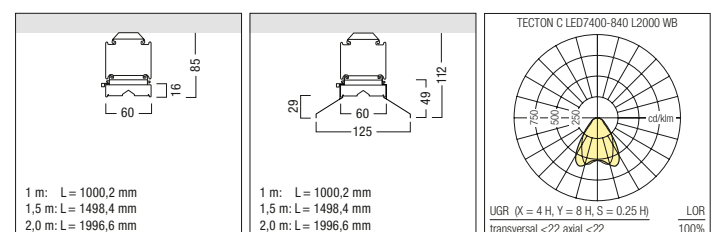
TECTON LED continuous row luminaire, wide beam



- [...]
- Energy-efficient LED continuous row luminaire with luminaires efficiency up to 168 lm/W
- Application focus: Presentation and Retail (shelf and surface lighting), industry and engineering (general and workplace lighting)
- For illuminating shelf surfaces and aisles, medium wide light distribution
- CG assembly optic of aluminium, white powder-coated, consisting of two reflector wings for reducing the UGR value: TECTON C High-Efficiency UGR < 19 and TECTON C High-Output UGR < 22 (CG optic is optimised for the TECTON C WideBeam luminaires)
- Mounting aid for CG assembly optic via add-on clip to end caps of the LED luminaire

	L/W	kg	Order no.
Dimmable luminaire, length 1000 mm			
<i>dimmable Dali</i>			
LED3700-830 L1000	1000/60	1,5	42 183 290
LED3700-840 L1000	1000/60	1,5	42 183 293
LED3700-865 L1000	1000/60	1,5	42 927 033
LED5200-830 L1000	1000/60	1,5	42 183 297
LED5200-840 L1000	1000/60	1,5	42 183 300
LED5200-865 L1000	1000/60	1,5	42 927 034
LED8000-830 L1000	1000/60	1,5	42 184 967
LED8000-840 L1000	1000/60	1,5	42 184 968
LED8000-865 L1000	1000/60	1,5	42 184 969
Dimmable luminaire, length 1500 mm			
<i>dimmable Dali</i>			
LED12000-830 L1500	1498/60	2,2	42 184 973
LED12000-840 L1500	1498/60	2,2	42 184 911
LED12000-865 L1500	1498/60	2,2	42 184 974
LED5500-830 L1500	1498/60	2,2	42 183 503
LED5500-840 L1500	1498/60	2,2	42 183 322
LED5500-865 L1500	1498/60	2,2	42 927 032
LED8000-830 L1500	1498/60	2,2	42 927 125
LED8000-840 L1500	1498/60	2,2	42 183 328
LED8000-865 L1500	1498/60	2,2	42 927 035
Dimmable luminaire, length 2000 mm			
<i>dimmable Dali</i>			
LED7400-830 L2000	1997/60	2,8	42 183 304
LED7400-840 L2000	1997/60	2,8	42 183 307
LED7400-865 L2000	1997/60	2,8	42 183 502
LED10000-830 L2000	1997/60	2,8	42 183 311
LED10000-840 L2000	1997/60	2,8	42 183 314
LED10000-865 L2000	1997/60	2,8	42 927 175
LED16000-830 L2000	1997/60	2,8	42 184 804
LED16000-840 L2000	1997/60	2,8	42 184 978
LED16000-865 L2000	1997/60	2,8	42 184 979
Optic			
CG OPTIC KIT L1000 WH		0,7	22 169 318
CG OPTIC KIT L1000 SR		0,7	22 169 321
CG OPTIC KIT L1500 WH		1,0	22 169 319
CG OPTIC KIT L1500 SR		1,0	22 169 322
CG OPTIC KIT L2000 WH		1,3	22 169 320
CG OPTIC KIT L2000 SR		1,3	22 169 323

End cap pre-assembled on each LED batten.



TECTON LED continuous-row luminaire

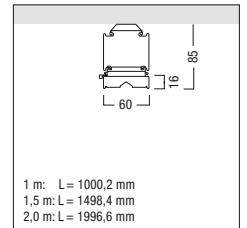
TECTON LED Wide Beam continuous row luminaire, Smart Location



- [...]
 - TECTON C luminaire with integrated beacon for implementing the "Location based Services" function
 - Energy-efficient LED continuous row luminaire with luminaires efficiency up to 168 lm/W
 - Application focus: Presentation and Retail (shelf and surface lighting), industry and engineering (general and workplace lighting)
 - For illuminating shelf surfaces and aisles, medium wide light distribution

	L/W	kg	Order no.
Dimmable luminaire, length 1000 mm			
LED3700-840 L1000	1000/60	1,8	42 186 286
LED5200-840 L1000	1000/60	1,8	42 186 287
LED8000-840 L1000	1000/60	1,8	42 186 288
Dimmable luminaire, length 1500 mm			
LED12000-840 L1500	1498/60	2,7	42 186 291
LED5500-840 L1500	1498/60	2,7	42 186 289
LED8000-840 L1500	1498/60	2,7	42 186 290
Dimmable luminaire, length 2000 mm			
LED10000-840 L2000	1997/60	3,2	42 186 293
LED16000-840 L2000	1997/60	3,2	42 186 294
LED7400-840 L2000	1997/60	3,2	42 186 292

End cap pre-assembled on each LED batten.



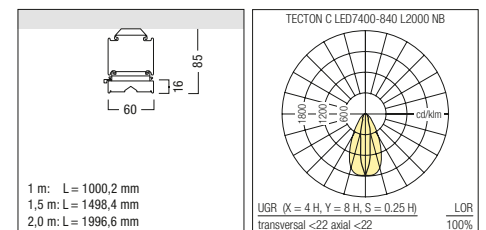
TECTON LED continuous-row luminaire, narrow beam



- [...]
 - Energy-efficient LED continuous row luminaire with light efficiency to 164 lm/W
 - Focus of use: Industry and Engineering (shelf lighting)
 - Uniform, efficient lighting of e.g. vertical shelf fronts, narrow light distribution

	L/W	kg	Order no.
Dimmable luminaire, length 1000 mm			
LED3700-840 L1000	1000/60	1,5	42 183 294
LED3700-865 L1000	1000/60	1,5	42 927 059
LED5200-840 L1000	1000/60	1,5	42 183 301
LED5200-865 L1000	1000/60	1,5	42 927 084
LED8000-840 L1000	1000/60	1,5	42 184 984
LED8000-865 L1000	1000/60	1,5	42 184 985
Dimmable luminaire, length 1500 mm			
LED12000-840 L1500	1498/60	2,2	42 184 990
LED12000-865 L1500	1498/60	2,2	42 184 991
LED5500-840 L1500	1498/60	2,2	42 183 324
LED5500-865 L1500	1498/60	2,2	42 927 108
LED8000-840 L1500	1498/60	2,2	42 927 036
LED8000-865 L1500	1498/60	2,2	42 182 692
Dimmable luminaire, length 2000 mm			
LED10000-840 L2000	1997/60	2,8	42 183 315
LED10000-865 L2000	1997/60	2,8	42 927 185
LED16000-840 L2000	1997/60	2,8	42 184 996
LED16000-865 L2000	1997/60	2,8	42 184 997
LED7400-840 L2000	1997/60	2,8	42 183 308
LED7400-865 L2000	1997/60	2,8	42 927 158

End cap pre-assembled on each LED batten.



TECTON LED continuous-row luminaire

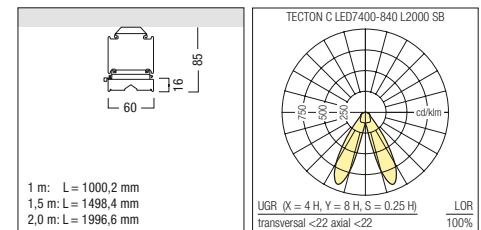
TECTON LED Shelf Beam continuous-row luminaire



- [...]
 - Energy-efficient LED continuous row luminaire with light efficiency to 166 lm/W
 - Application focus: Presentation and Retail (general and workplace lighting)
 - Shelf surfaces in focus, aisle areas are illuminated less strongly, symmetric light distribution

	L/W	kg	Order no.
Dimmable luminaire, length 1000 mm			
LED3700-830 L1000	1000/60	1,5	42 183 291
LED3700-840 L1000	1000/60	1,5	42 183 295
LED3700-865 L1000	1000/60	1,5	42 927 066
LED5200-830 L1000	1000/60	1,5	42 183 298
LED5200-840 L1000	1000/60	1,5	42 183 302
LED5200-865 L1000	1000/60	1,5	42 927 091
Dimmable luminaire, length 1500 mm			
LED5500-830 L1500	1498/60	2,2	42 927 115
LED5500-840 L1500	1498/60	2,2	42 183 327
LED5500-865 L1500	1498/60	2,2	42 927 116
LED8000-830 L2000	1498/60	2,2	42 927 140
LED8000-840 L2000	1498/60	2,2	42 927 139
LED8000-865 L2000	1498/60	2,2	42 927 141
Dimmable luminaire, length 2000 mm			
LED10000-830 L2000	1997/60	2,8	42 183 312
LED10000-840 L2000	1997/60	2,8	42 183 316
LED10000-865 L2000	1997/60	2,8	42 927 192
LED7400-830 L2000	1997/60	2,8	42 183 305
LED7400-840 L2000	1997/60	2,8	42 183 309
LED7400-865 L2000	1997/60	2,8	42 927 165

End cap pre-assembled on each LED batten.



TECTON LED continuous-row luminaire

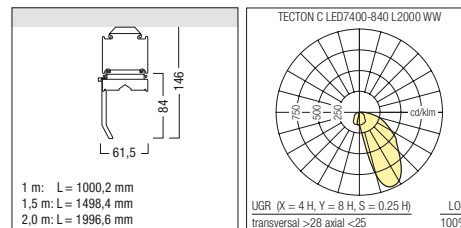
TECTON LED wallwasher continuous-row luminaire



- [...]
 - Energy-efficient LED continuous row luminaire with light efficiency to 159 lm/W
 - Application focus: Presentation and Retail (general and workplace lighting)
 - By mounting the REFL WW (please order separately) the TECTON C LED SB becomes a WW luminaire, suitable for display and sales areas with shelf surfaces on one side
 - With the specific WW reflector form, almost right-angled (to the luminaire) uniform illumination on the wall is enabled (asymmetric light distribution)

	L/W	kg	Order no.
Reflector			
REFL WW L1000 SR		0,3	22 169 327
REFL WW L1000 WH		0,3	22 169 324
REFL WW L1500 SR		0,5	22 169 328
REFL WW L1500 WH		0,5	22 169 325
REFL WW L2000 SR		0,7	22 169 329
REFL WW L2000 WH		0,7	22 169 326
End caps			
E REFL WW SR (PAIR) End caps (1 pair)			22 169 331
E REFL WW WH (PAIR) End caps (1 pair)			22 169 330
Dimmable luminaire, length 1000 mm			
			<i>dimnable Dali</i>
LED3700-830 L1000	1000/62	1,8	42 183 292
LED3700-840 L1000	1000/62	1,8	42 183 296
LED3700-865 L1000	1000/62	1,8	42 927 204
LED5200-830 L1000	1000/62	1,8	42 183 299
LED5200-840 L1000	1000/62	1,8	42 183 303
LED5200-865 L1000	1000/62	1,8	42 927 216
Dimmable luminaire, length 1500 mm			
			<i>dimnable Dali</i>
LED5500-830 L1500	1498/62	2,8	42 927 227
LED5500-840 L1500	1498/62	2,8	42 927 226
LED5500-865 L1500	1498/62	2,8	42 927 228
LED8000-830 L1500	1498/62	2,8	42 927 238
LED8000-840 L1500	1498/62	2,8	42 927 237
LED8000-865 L1500	1498/62	2,8	42 927 239
Dimmable luminaire, length 2000 mm			
			<i>dimnable Dali</i>
LED10000-830 L2000	1997/62	3,6	42 183 313
LED10000-840 L2000	1997/62	3,6	42 183 317
LED10000-865 L2000	1997/62	3,6	42 927 263
LED7400-830 L2000	1997/62	3,6	42 183 306
LED7400-840 L2000	1997/62	3,6	42 183 310
LED7400-865 L2000	1997/62	3,6	42 927 251

End cap pre-assembled on each LED batten.



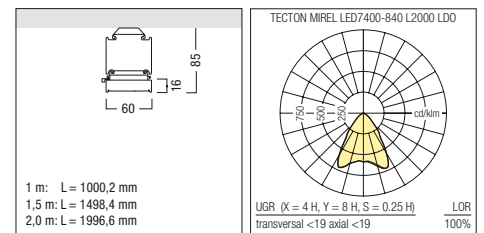
TECTON LED continuous-row luminaire

TECTON MIREL LED



- LED luminaire with lens optic for connection to the TECTON continuous-row lighting system
- LED continuous row luminaire with 4 highly efficient mid-power LEDs per lens segment
- Energy-efficient LED continuous row luminaire with light efficiency of up to 144 lm/W and wide-beam light distribution similar to TECTON C LED WB
- Reflector-lens combination creates a unique continuous row design with photometric benefits such as very low UGR values with minimum light emission surface
- LiteLead reflector enables UGR < 19 and luminance of < 3000cd/m² at 4000lm@1.5m, and UGR < 19 at 5500lm@1.5m
- Application focus: schools, offices, presentation and sales as well as industrial applications with precision activities
- All-in-one solution: lighting batten, lamp and reflector are combined in one product and allow a 100% continuous ribbon of LED light without gaps
- 100% flexible, tool-free mechanical and electrical installation using CLIX-technology by means of two side-mounted rotary levers on the TECTON trunking
- Colour temperature 4000 K (intermediate) and 3000 K (warm white)
- LED service life: 50000 h before luminous flux is reduced to 70–80% of the initial value (according to wattage)
- Colour rendering Ra > 80 for office applications
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- Dimming level for DC mode preset to 15%
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Low sensitivity to soiling and simple cleaning
- No ultraviolet or infrared radiation
- Luminaire pre-wired using halogen-free leads

	L/W/H	kg	Order no.
<i>dimmmable Dali only</i>			
Dimmable luminaire, length 1000 mm			
TECTON MIREL LED2700-830 L1000	1000/60/85	1,5	42 185 320
TECTON MIREL LED2700-840 L1000	1000/60/85	1,5	42 185 314
TECTON MIREL LED3700-830 L1000	1000/60/85	1,5	42 185 323
TECTON MIREL LED3700-840 L1000	1000/60/85	1,5	42 185 317
<i>dimmmable Dali only</i>			
Dimmable luminaire, length 1500 mm			
TECTON MIREL LED4000-830 L1500	1498/60/85	2,2	42 185 321
TECTON MIREL LED4000-840 L1500	1498/60/85	2,2	42 185 315
TECTON MIREL LED5500-830 L1500	1498/60/85	2,2	42 185 324
TECTON MIREL LED5500-840 L1500	1498/60/85	2,2	42 185 318
<i>dimmmable Dali only</i>			
Dimmable luminaire, length 2000 mm			
TECTON MIREL LED5400-830 L2000	1997/60/85	2,8	42 185 322
TECTON MIREL LED5400-840 L2000	1997/60/85	2,8	42 185 316
TECTON MIREL LED7400-830 L2000	1997/60/85	2,8	42 185 325
TECTON MIREL LED7400-840 L2000	1997/60/85	2,8	42 185 319



TECTON LED continuous-row luminaire

TECTON MPO LED



- Light control via backlit multi-layer MPO microprismatic optic for minimising perceived glare and UGR values
- Application focus: applications that are critical with regard to glare in industry and technology, also display, sales and education/training
- Energy-efficient LED continuous row luminaire with system efficiency of up to 134 lm/W
- UGR at 5500 lm < 19, at 6500 lm < 19 and at 8000 lm < 22
- Co-extruded hollow-chamber profile with bonded end caps (shatter-resistant to IK05) achieve IP50 protection for LED and optic
- LED continuous-row luminaire with 192 highly efficient Mid-Power LEDs per luminaire, with 9% indirect light for soft ceiling illumination
- All-in-one solution: batten luminaire, lamp and reflector combined in a single product
- Base support of LED continuous-row luminaire of sheet steel profile with white polyester resin coating
- Colour rendering index: Ra > 80
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- Colour temperature 4000 K (intermediate)
- LED service life: 50000 h before luminous flux is reduced to 90% of the initial value
- Dimming level for DC mode preset to 15%
- LED luminaire is Switch Dim-compatible
- 100% flexible, tool-free mechanical and electrical installation using CLIX-technology by means of two side-mounted rotary levers on the TECTON trunking
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- No ultraviolet or infrared radiation
- Luminaire has halogen-free and silicon-free wiring
- Luminaire is available via myTECTON with dimmable TRIDONIC IVG control unit or as switchable variant

L/W/H kg Order no.

Dimmable luminaire, length 1500 mm

	L/W/H	kg	Order no.
TECTON MPO LED5500-840	1522/104/151	4,0	42 184 102
TECTON MPO LED6500-840	1522/104/151	4,0	42 184 103
TECTON MPO LED8000-840	1522/104/151	4,0	42 184 104

dimmable Dali



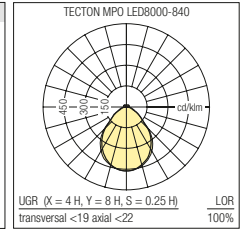
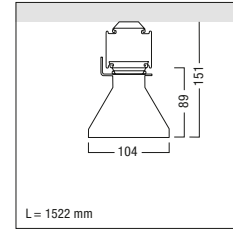
IK06



halogen



incl. LED



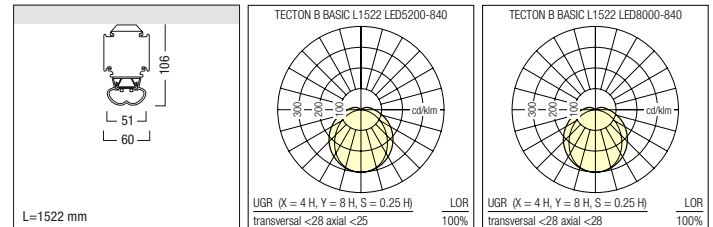
TECTON LED continuous-row luminaire

TECTON BASIC LED



- Energy-efficient LED continuous row luminaire with system efficiency to 146 lm/W
- Application focus: Presentation and Retail (shelf and surface lighting), industry and engineering (general and workplace lighting)
- All-in-one solution: batten luminaire, lamp and diffuser optic combined in a single product
- Combination with reflectors not possible
- Phase selected directly from tap
- Lambertian light distribution for replacing an uncovered T26 or T16 luminaire
- Simple replacement of existing 58 W T26 luminaires with similar dimensions
- Colour rendering index: Ra > 80
- Colour temperature: 3000 K (LED830: warm white), 4000 K (LED840: intermediate)
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- LED service life: 50000 h before luminous flux is reduced to 85% of the initial value
- 100% flexible, tool-free mechanical and electrical installation using CLIX-technology by means of two side-mounted rotary levers on the TECTON trunking
- No ultraviolet or infrared radiation
- Luminaire pre-wired using halogen-free leads
- Dimmable model uses LDE (dimmmable DALI) converter
- Luminaire available in white or silver

	L/W/H	kg	Order no.
LED luminaires			
LED5200-840 SR L1522	1522/51/48	2,5	42 182 824
LED5200-840 WH L1522	1522/51/48	2,5	42 182 822
LED8000-840 SR L1522	1522/51/48	2,5	42 184 964
LED8000-840 WH L1522	1522/51/48	2,5	42 184 962
LED luminaires, dimmable			
LED5200-840 SR L1522	1522/51/48	2,5	42 182 823
LED5200-840 WH L1522	1522/51/48	2,5	42 182 821
LED8000-840 SR L1522	1522/51/48	2,5	42 184 965
LED8000-840 WH L1522	1522/51/48	2,5	42 184 963



TECTON decorative luminaires, decorative adapters and adapters

|...| Shared properties CRAFT

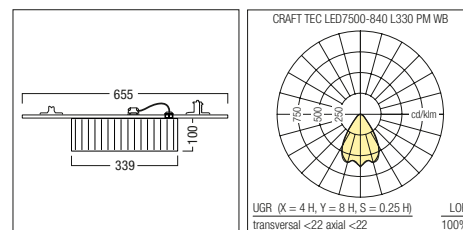
- Compact LED high-bay luminaire for connection to the TECTON continuous-row lighting system
- Transparent PMMA diffuser with additional safety glass cover
- Resistant to oil-laden atmospheres
- Luminaire designed with cooling fins for optimum thermal management and reduced dust accumulation
- Colour rendering: Ra > 80
- Chromaticity tolerance between multiple luminaires of up to 4 MacAdam ellipses
- Sealed to IP65
- Luminaire has halogen-free and silicon-free wiring
- Generally equipped with DALI-controllable converter compatible with emergency supply
- Emergency power level preset to 15% (can be factory programmed between 1–100%)

TECTON luminaire CRAFT S



- |...|
- Compact LED high-bay luminaire with up to 7500 lm and efficiency of up to 129 lm/W
- Specially developed wide beam optic for uniform, square illumination without dark spots (UGR < 22) or symmetric narrow distribution elliptical optic
- Application areas: Industrial halls (assembly and storage), building centres, reception halls, fair halls, presentation and sales (surface illumination), logistics and highbay racking
- Diecast aluminium housing, white powder-coated (optionally in silver)
- LED service life: 50000 h to a luminous flux reduction to at least 85% (4000 K, 3000 K) or 90% (6500 K) of initial value
- Colour temperature: 3000 K (LED830: warm white), 4000 K (LED840: intermediate), 6500 K (LED765: cool white)
- Recommended mounting height between 4–8 m
- Impact resistance factor: IK 08

	L/W/H	kg	Order no.
LED luminaires, wide beam			
LED7500-830	655/165/159	3,3	42 183 264
LED7500-840	655/165/159	3,3	42 183 265
LED7500-865	655/165/159	3,3	42 183 266
LED luminaires, narrow beam			
LED7500-830	655/165/159	3,3	42 183 270
LED7500-840	655/165/159	3,3	42 183 271
LED7500-865	655/165/159	3,3	42 183 272

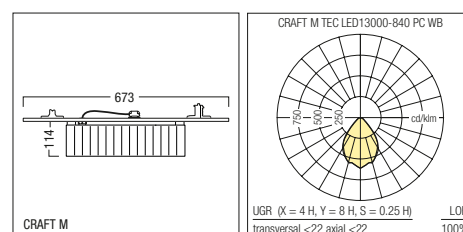


TECTON luminaire CRAFT M



- |...|
- Compact LED highbay luminaire with up to 13000 lm and efficiency of up to 128 lm/W
- Specially developed widebeam optic for uniform, square illumination with no dark areas (UGR < 22)
- Typical applications: assembly and production facilities, sports halls, DIY stores, arrival halls
- Die-cast aluminium housing in white powder-coated finish with cooling fins
- LED service life: 50000 h before luminous flux is reduced to at least 85% (4000 K) or 90% (6500 K) of the initial value
- Colour temperature: 4000 K (LED840: intermediate), 6500 K (LED865: cool white)

	L/W/H	kg	Order no.
LED luminaires Wide Beam in PC			
LED13000-840	673/331/170	7,0	42 183 585
LED13000-865	673/331/170	7,0	42 183 586
LED17000-840	673/331/170	7,0	42 184 541
LED17000-865	673/331/170	7,0	42 928 198
LED luminaires Wide Beam in PM			
LED13000-840	673/331/170	7,0	42 183 589
LED13000-865	673/331/170	7,0	42 183 590
LED17000-840	673/331/170	7,0	42 927 932
LED17000-865	673/331/170	7,0	42 928 194
LED luminaires Narrow Beam in PC			
LED13000-840	673/331/170	7,0	42 184 414
LED13000-865	673/331/170	7,0	42 927 878
LED17000-840	673/331/170	7,0	42 928 200
LED17000-865	673/331/170	7,0	42 928 199
LED luminaires Narrow Beam in PM			
LED13000-840	673/331/170	7,0	42 927 929
LED13000-865	673/331/170	7,0	42 928 193
LED17000-840	673/331/170	7,0	42 928 201
LED17000-865	673/331/170	7,0	42 928 202



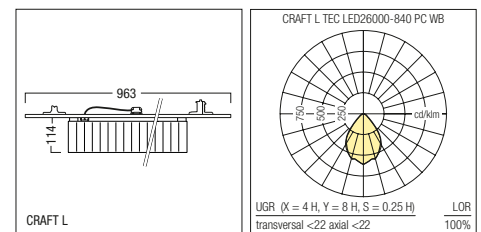
TECTON decorative luminaires, decorative adapters and adapters

TECTON luminaire CRAFT L



- [...]
 - Compact LED highbay luminaire with up to 13000 lm and efficiency of up to 128 lm/W
 - Specially developed widebeam optic for uniform, square illumination with no dark areas (UGR < 22)
 - Typical applications: assembly and production facilities, sports halls, DIY stores, arrival halls
 - Die-cast aluminium housing in white powder-coated finish with cooling fins
 - LED service life: 50000 h before luminous flux is reduced to at least 85% (4000 K) or 90% (6500 K) of the initial value
 - Colour temperature: 4000 K (LED840: intermediate), 6500 K (LED865: cool white)

	L/W/H	kg	Order no.
LED luminaires Wide Beam in PM <i>dimmable Dali only</i>			
LED26000-840	963/330/114	10,0	42 183 591
LED26000-865	963/330/114	10,0	42 183 592
LED34000-840	963/330/114	10,0	42 927 931
LED34000-865	963/330/114	10,0	42 928 207
LED luminaires Wide Beam in PC <i>dimmable Dali only</i>			
LED26000-840	963/330/114	10,0	42 183 587
LED26000-865	963/330/114	10,0	42 183 588
LED34000-840	963/330/114	10,0	42 184 542
LED34000-865	963/330/114	10,0	42 928 204
LED luminaires Narrow Beam in PC <i>dimmable Dali only</i>			
LED26000-840	963/330/114	10,0	42 928 088
LED26000-865	963/330/114	10,0	42 928 203
LED34000-840	963/330/114	10,0	42 928 122
LED34000-865	963/330/114	10,0	42 928 205
LED luminaires Narrow Beam in PM <i>dimmable Dali only</i>			
LED26000-840	963/330/114	10,0	42 928 196
LED26000-865	963/330/114	10,0	42 928 195
LED34000-840	963/330/114	10,0	42 928 206
LED34000-865	963/330/114	10,0	42 928 197

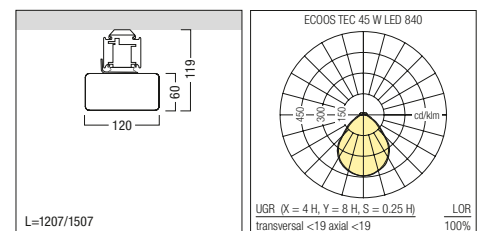


TECTON decorative luminaire ECOOS LED



- TECTON luminaire with micro-pyramidal structure optic
 - Single-piece MPO+ micro-pyramidal optic with multi-layer construction for defined emission with $L < 3000 \text{ cd/m}^2$ at 65° and UGR < 19
 - Colour temperature 4000 K (intermediate) and 3000 K (warm white)
 - Colour rendering index: $R_a > 80$
 - LED service life: 50000 h before luminous flux is reduced to 80% of the initial value
 - Chromaticity tolerance between multiple luminaires of up to 4 MacAdam ellipses
 - Luminaire fitted using two externally accessible rotary knobs
 - Simultaneous electrical and physical connection on trunking
 - Gear tray made of white powder-coated aluminium extrusion
 - Perforated aluminium reflector provides illumination on each side and reduces luminance levels
 - Polymethyl-methacrylate housing
 - Includes optic with end-cap set and gear tray
 - Luminaire pre-wired using halogen-free leads

	L	kg	Order no.
Dimmable luminaires <i>dimmable Dali only</i>			
LED2800-830 L1200	1207	3,2	42 182 215
LED3000-840 L1200	1207	3,2	42 182 209
LED3600-830 L1500	1507	3,8	42 182 711
LED3800-840 L1500	1507	3,8	42 182 710
LED5600-830 L1500	1507	3,8	42 182 216
LED6000-840 L1500	1507	3,8	42 182 210



TECTON decorative luminaires, decorative adapters and adapters

TECTON adapter for LINCOR

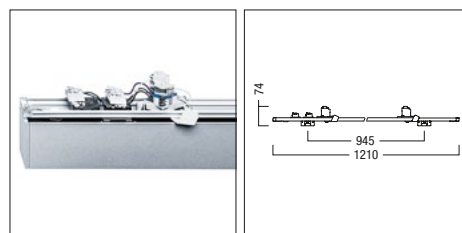
- TECTON adapter with safety chain and fixing screws for mounting the Lincor luminaire to the TECTON continuous row lighting system
- Rapid, tool-free mounting, flexible positioning of the luminaire via adapter to the TECTON continuous-row lighting system
- The TECTON fastening system enables modifications to luminaire arrangements

Accessory

TECTON 1210 Adapter

L kg Order no.

0,5 22 169 119



TECTON adapter for PERLUCE

- TECTON adapter with safety chain and fixing screws for mounting the Perluce luminaire to the TECTON continuous row lighting system
- Rapid, tool-free mounting, flexible positioning of the luminaire via adapter to the TECTON continuous-row lighting system
- The TECTON fastening system enables modifications to luminaire arrangements

PERLUCE adapter

PERLUCE L1220 TECTON ADAPT LDE

L kg Order no.

0,6 22 157 835

PERLUCE L1520 TECTON ADAPT LDE

0,7 22 157 834

PERLUCE L620 TECTON ADAPT LDE

0,4 22 157 836

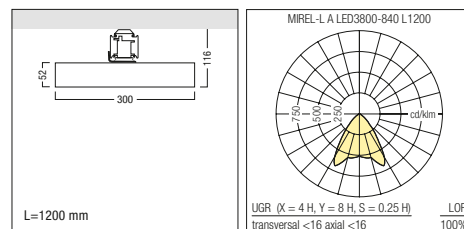


TECTON luminaire with MIREL evolution lens optic



- LED luminaire with lens optic for connection to the TECTON continuous-row lighting system
- High quality white powder-coated flat luminaire housing with visible luminaire height of 52 mm
- Light guided via square lens optic for maximum luminaire efficiency, perfect glare reduction and batwing light distribution
- Glare control to EN 12464-2011 with $L65 < 1500 \text{ cd/m}^2$ at 65° in all directions and $UGR < 16$ for DSE workstations
- High luminaire efficiency of up to 112 lm/W
- Colour temperature 4000 K (intermediate) and 3000 K (warm white)
- LED service life: 50000 h before luminous flux is reduced to 80% of the initial value
- Colour rendering $R_a > 80$ for office applications
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- Low sensitivity to soiling and simple cleaning
- Luminaire pre-wired using halogen-free leads

	L/W/H	kg	Order no.	Order no.
LED luminaires			<i>electronic</i>	<i>dimmmable Dali only</i>
LED2800-830 L1200	1200/300/52	7,0	42 183 161	42 183 162
LED2800-840 L1200	1200/300/52	7,0	42 183 095	42 183 101
LED3600-830 L1200	1200/300/52	7,0	42 183 097	42 183 103
LED3800-840 L1200	1200/300/52	7,0	42 183 096	42 183 102



TECTON decorative luminaires, decorative adapters and adapters

|...| Shared properties Mellow Light evo/inf

- Mellow Light luminaire for connection to the TECTON continuous-row lighting system
- Diffuse side sections for pleasant ambient lighting
- EN12464-1 compliant for office applications with UGR < 19
- Colour temperature 4000 K (intermediate), 3000 K (warm white) and tunable white from 2700–6500 K
- Colour rendering Ra > 80 or Ra < 90 (tunable) for office applications
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- LED service life: 50000 h before luminous flux is reduced to 85% of the initial value
- Luminaire pre-wired using halogen-free leads
- End caps available in several colours: silver (standard), white, bronze, black and raw

TECTON luminaire MLevo AA

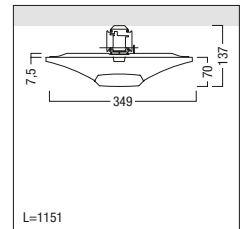


- |...|
- Crystal Optic for optimum glare control to 4800 lm
- DALI-controllable ECG with 1 Dali address (wing and central section can be controlled together)

Dimmable luminaire with crystal optic

	Order no.
LED3600-830 L	42 186 139
LED3600-840 L	42 186 140
LED3600-927-65 L	42 186 146
LED4800-830 L	42 186 141
LED4800-840 L	42 186 142
LED4800-927-65 L	42 186 145

incl. LED



TECTON luminaire MLevo AL

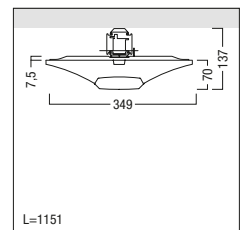


- |...|
- High quality lenticular structure for a more uniform appearance
- DALI-controllable ECG with 1 Dali address (wing and central section can be controlled together)

Dimmable luminaire with lenticular optic

	Order no.
LED3600-830 L	42 186 143
LED3600-840 L	42 186 144
LED3600-927-65 L	42 186 147

incl. LED



TECTON luminaire MLinf AA

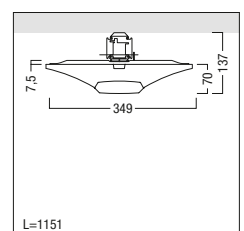


- |...|
- Crystal Optic for optimum glare control to 4800 lm
- DALI-controllable ECG with 2 Dali addresses (wing and central section can be separately controlled)

Dimmable luminaire with crystal optic

	Order no.
LED3600-830 L	42 186 148
LED3600-840 L	42 186 149
LED3600-927-65 L	42 186 155
LED4800-830 L	42 186 150
LED4800-840 L	42 186 151
LED4800-927-65 L	42 186 154

incl. LED



TECTON decorative luminaires, decorative adapters and adapters

TECTON luminaire MLinf AL



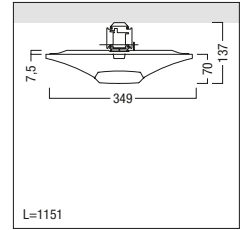
- |...|
- High quality lenticular structure for a more uniform appearance
- DALI-controllable ECG with 2 Dali addresses (wing and central section can be separately controlled)

Dimmable luminaire with lenticular optic

	Order no.
LED3600-830 L	42 186 152
LED3600-840 L	42 186 153
LED3600-927-65 L	42 186 156

dimmable Dali only

incl.
LED



TECTON ONLITE|...| Shared properties ONLITE RESCLITE

- Roll-formed sheet steel with white polyester resin enamel coating
- Reflectors and lenses made of PC
- NSI/NPS/NDA mains connection: 220/240 V AC/DC 50/60 Hz
- Mains connection NT: 220/240 V AC 50/60 Hz
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Plug-in terminals for through-wiring, max. 2.5 mm²
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication);
- NPS: CPS or eBox (circuit monitoring)
- Luminaire pre-wired using halogen-free leads

TECTON ONLITE

TECTON with ONLITE RESCLITE escape



- [...]
 - LED emergency luminaire for escape route illumination to EN 1838
 - Installed load < 5.5 W; standby power (non-maintained mode) < 1.5 W
 - Tool-free connection to TECTON continuous row lighting system
 - Version H180 and High Ceiling: optic can be rotated and locked
 - Version High Ceiling: 2 high-power LEDs, total luminous flux of luminaire 250 lm, suitable for high ceilings from 7 to 23 m, luminaire ball-proof in compliance with DIN 18032 Part 2
 - Version High Ceiling: IP65 housing of diecast aluminium, powder-coated white RAL 9016, fibre-glass reinforced PC housing with transparent PC light outlet

Self contained with monitoring; white

Product Code	Order no.
RESCLITE C ESCAPE TEC-GP LED NT1 H180 1 h	42 183 118
RESCLITE C ESCAPE TEC-GP LED NT1 WH 1 h	42 183 104
RESCLITE C ESCAPE TEC-GP LED NT3 H180 3 h	42 183 119
RESCLITE C ESCAPE TEC-GP LED NT3 WH 3 h	42 183 105

Centrally supplied, white

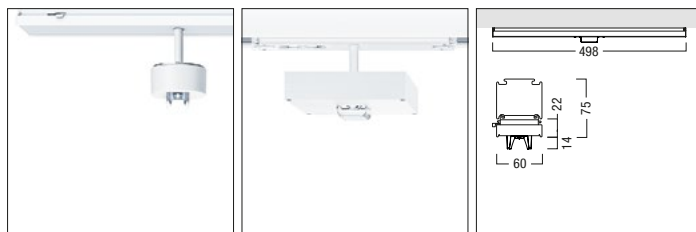
RESCLITE C ESCAPE HC TEC-GP NDA WH	42 183 124
RESCLITE C ESCAPE HC TEC-GP NPS WH	42 183 126
RESCLITE C ESCAPE HC TEC-GP NSI WH	42 183 125
RESCLITE C ESCAPE TEC-GP LED NDA H180	42 183 116
RESCLITE C ESCAPE TEC-GP LED NDA WH	42 183 107
RESCLITE C ESCAPE TEC-GP LED NPS H180	42 183 123
RESCLITE C ESCAPE TEC-GP LED NPS WH	42 183 120
RESCLITE C ESCAPE TEC-GP LED NSI H180	42 183 117
RESCLITE C ESCAPE TEC-GP LED NSI WH	42 183 106

Single battery-supplied with high performance monitoring; white

RESCLITE C ESCAPE HP TEC-GP NT1 WH	42 185 418
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Centrally supplied High Performance; white

RESCLITE C ESCAPE HP TEC-GP NDA WH	42 185 420
RESCLITE C ESCAPE HP TEC-GP NPS WH electronic	42 185 422
RESCLITE C ESCAPE HP TEC-GP NSI WH	42 185 421



TECTON with ONLITE RESCLITE anti-panic



- [...]
 - LED emergency luminaire for antipanic lighting to EN 1838
 - Installed load < 5.5 W; standby power (non-maintained mode) < 1.5 W
 - Version High Ceiling: IP65 housing of diecast aluminium, powder-coated white RAL 9016, fibre-glass reinforced PC housing with transparent PC light outlet
 - Version High Ceiling: 2 high-power LEDs, total luminous flux of luminaire 250 lm, suitable for high ceilings from 7 to 23 m, luminaire ball-proof in compliance with DIN 18032 Part 2
 - Version H180 and High Ceiling: optic can be rotated and locked

Self contained with monitoring; white

RESCLITE C ANTIPANIC TEC-GP LED NT1 WH 1 h	42 183 108
RESCLITE C ANTIPANIC TEC-GP LED NT3 WH 3 h	42 183 109

Centrally supplied, white

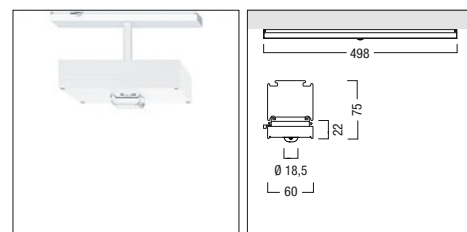
RESCLITE C ANTIPANIC HC TEC-GP NDA WH	42 183 131
RESCLITE C ANTIPANIC HC TEC-GP NPS WH	42 183 133
RESCLITE C ANTIPANIC HC TEC-GP NSI WH	42 183 132
RESCLITE C ANTIPANIC TEC-GP LED NDA WH	42 183 111
RESCLITE C ANTIPANIC TEC-GP LED NPS WH	42 183 121
RESCLITE C ANTIPANIC TEC-GP LED NSI WH	42 183 110

Single battery-supplied with high performance monitoring; white

RESCLITE C ANTIPANIC HP TEC-GP NT1 WH	42 185 423
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Centrally supplied High Performance; white

RESCLITE C ANTIPANIC HP TEC-GP NDA WH	42 185 425
RESCLITE C ANTIPANIC HP TEC-GP NPS WH electronic	42 185 427
RESCLITE C ANTIPANIC HP TEC-GP NSI WH	42 185 426



TECTON ONLITE

TECTON with ONLITE RESCLITE spot



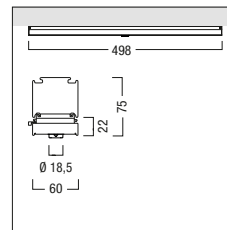
- [...]
 - LED emergency luminaire for increased illuminance levels to EN 1838
 - Large heat sink ensures optimum thermal management
 - Status LED (NT1 and NT3) integrated in the transparent end caps
 - Connected load of all RESCLITE types < 5 W; standby power (non-maintained mode) < 1.5 W
 - Tool-free quick-fit installation for all luminaire types
 - In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
 - Tool-free connection to TECTON continuous row lighting system

Centrally supplied, white

Order no.	
RESCLITE C SPOT TEC-GP LED NDA WH	42 183 115
RESCLITE C SPOT TEC-GP LED NPS WH	42 183 122
RESCLITE C SPOT TEC-GP LED NSI WH	42 183 114

Self contained with monitoring; white

RESCLITE C SPOT TEC-GP LED NT1 WH 1 h	42 183 112
RESCLITE C SPOT TEC-GP LED NT3 WH 3 h	42 183 113



TECTON with ONLITE CROSSIGN



- TECTON pendant suspension, module length 300 mm
- Adapter fitted without tools
- Phase/neutral conductor for the emergency circuit can be chosen to suit
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Housing made of white polycarbonate
- Frameless pictogram can be fitted without tools
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Version 110: installed load: NT1 (4.5 W), NT3 (4.5 W), NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- Version 160: installed load: NT1 (5.8 W), NT3 (6.5 W), NSI (6 W), NDA (6 W), NPS (5.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

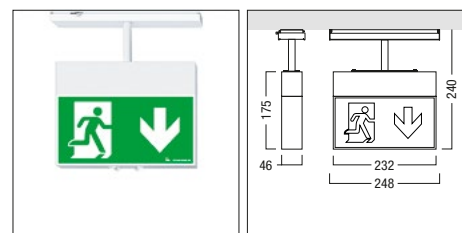
Centrally supplied

Order no.	
CROSSIGN 110 TEC-GP NDA	42 183 146
CROSSIGN 110 TEC-GP NDA ERI	42 183 151
CROSSIGN 110 TEC-GP NPS electronic	42 183 147
CROSSIGN 110 TEC-GP NSI	42 183 145
CROSSIGN 110 TEC-GP NSI ERI	42 183 150
CROSSIGN 160 TEC-GP NDA	42 183 137
CROSSIGN 160 TEC-GP NDA ERI	42 183 142
CROSSIGN 160 TEC-GP NPS electronic	42 183 138
CROSSIGN 160 TEC-GP NSI	42 183 136
CROSSIGN 160 TEC-GP NSI ERI	42 183 141

Self contained with monitoring

	electronic
CROSSIGN 110 TEC-GP NT1 1h	42 183 143
CROSSIGN 110 TEC-GP NT1 ERI 1h	42 183 148
CROSSIGN 110 TEC-GP NT3 3h	42 183 144
CROSSIGN 110 TEC-GP NT3 ERI 3h	42 183 149
CROSSIGN 160 TEC-GP NT1 1h	42 183 134
CROSSIGN 160 TEC-GP NT1 ERI 1h	42 183 139
CROSSIGN 160 TEC-GP NT3 3h	42 183 135
CROSSIGN 160 TEC-GP NT3 ERI 3h	42 183 140

Please order escape signs separately.



TECTON ONLITE**TECTON with ONLITE PURESIGN 150**

- TECTON pendant suspension, module length 602 mm
- Adapter for COMSIGN 150 and PURESIGN 150 fitted without tools
- Phase/neutral conductor for the emergency circuit can be chosen to suit
- LED control gear with “Maintenance Function” guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

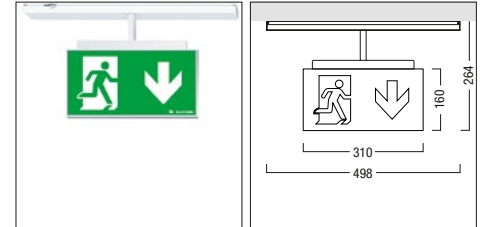
Order no.

Centrally supplied

PURESIGN 150 TEC-GP NDA	42 183 157
PURESIGN 150 TEC-GP NPS electronic	42 183 158
PURESIGN 150 TEC-GP NSI	42 183 156

Self contained with monitoring

	<i>electronic</i>
PURESIGN 150 TEC-GP NT1 1h	42 183 154
PURESIGN 150 TEC-GP NT3 3h	42 183 155



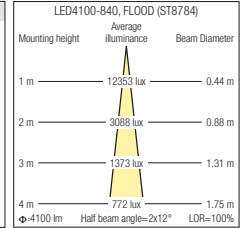
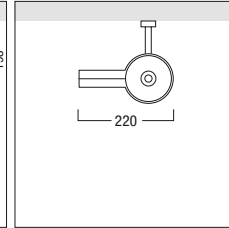
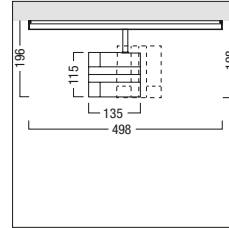
TECTON spotlight

FACTOR CYLINDRIC TEC GP LED



- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/intermediate)
- FW/BKY versions: with colour temperature specifically matched to requirements of meat and bakery products
- Optimized for efficient and high-performance accent lighting in shops and salesrooms
- Innovative thermal management employing passive cooling achieves COOL TOUCH function
- Converter integrated in the luminaire
- Spotlight rotates through 360° and pivots through 90°
- Die-cast aluminium spotlight housing
- Colour: white microtextured paint
- Specular reflector of aluminised PC, highly specular, iridescence-free
- Service life: 50000 hrs. at 80% luminous flux, with 70% luminous flux (LED-BKY/LED-FW)
- UVA-free and IR-free light
- Colour temperature: “LED-BKY” version matched to baked products
- Colour temperature: “LED-FW” version matched to meat products
- stableWhite colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2300 lm (FW), 2800 lm (BKY), 36 W
- Luminaire luminous flux: 4000–4100 lm (36 W)
- Luminaire efficiency: 64 lm/W (FW), 78 lm/W (BKY), 36 W
- Luminaire efficiency: 111–114 lm/W (36 W)
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking module: length 498 mm
- Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
- Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.
LED spot, flood, with CLIX technology (TECTON GP)		<i>electronic</i>
LED2200-FW flood	2,1	60 714 405
LED2600-BKY flood	2,1	60 714 406
LED4000-830 flood	2,1	60 714 403
LED4100-840 flood	2,1	60 714 404



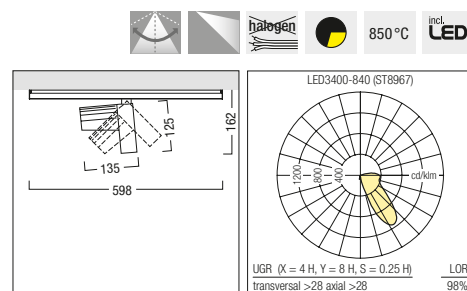
TECTON spotlight

INTRO liteCarve® TEC GP LED



- LED spotlight for brilliant accenting on vertical surfaces, displays and shelving in the shop and retail sector
- Lamp unit: Zumtobel patented liteCarve® free-form reflector technology for homogeneous, rectangular light distribution
- From an LED point light source, the liteCarve® reflector guides the light 100% indirectly, targeted and without stray light onto the vertical surface
- Specular reflector of aluminised PC, highly specular, iridescence-free
- Lamp unit rotatable through $\pm 90^\circ$ and tiltable through $-5^\circ/+40^\circ$
- Lamp unit of diecast aluminium and PC, coated black or white
- Passive cooling achieved by innovative thermal design
- Service life: 50000 h at 70% luminous flux
- Colour temperature: 3000 K (LED830: warm white), 4000 K (LED840: intermediate)
- Colour rendering index: $R_a > 80$
- Installed load: 43 W
- Luminaire efficiency: 75–77 lm/W
- Luminaire luminous flux of lamp unit: 3300–3400 lm (approx. 1 KLx at distance of 1 m)
- Distance to illuminated surface: 1/3 of installation height (optimum room height: 3 m)
- Includes control gear
- Mains voltage: 230 V / 50/60 Hz
- Trunking module: length 598 mm
- Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
- Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.
LED spot with CLIX technology (TECTON GP)		
LED3300-830	2,3	60 714 493
LED3400-840	2,3	60 714 494
Accessory		
Screen, black		60 200 109
Screen, white		60 200 111



TECTON spotlight

|...| Shared properties ONICO M TEC / L TEC

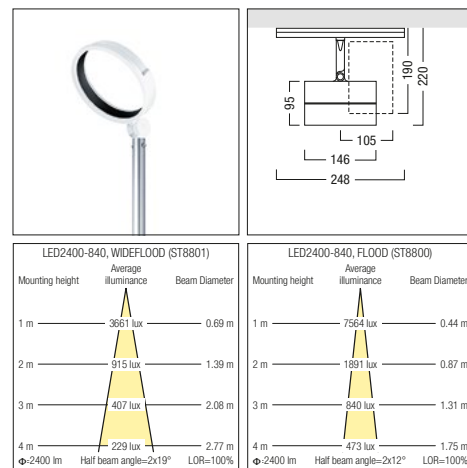
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/intermediate)
- Optimized for efficient and high-performance accent lighting in shops and salesrooms
- Passive cooling achieved by innovative thermal design
- With converter integrated into the spotlight housing
- Die-cast aluminium spotlight housing
- Colour: white microtextured paint
- Spotlight head rotatable through 335° and tiltable through 90°
- Black polycarbonate front ring provides excellent glare control
- Front ring serves for accommodation of accessories
- Specular reflector of aluminised PC, highly specular, iridescence-free
- Specular reflector designed to be interchangeable
- 50000 h service life at 80% luminous flux
- stableWhite colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
- Colour rendering index: Ra > 80
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking module: length 248 mm
- Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
- Versions with “spot” and “wide-flood” reflectors can be ordered as variants
- Spotlight cannot be fitted over input power feed, central power feed or output power feed

ONICO M TEC-GP LED (Essential stableWhite)



- |...|
- Luminaire luminous flux: 2300–2400 lm
- Luminaire efficiency: 115–120 lm/W (20 W)

	kg	Order no.
LED spot with CLIX technology (TECTON GP)		<i>electronic</i>
LED2300-830 flood	1,2	60 714 545
LED2400-840 flood	1,2	60 714 546
LED2300-830 wideflood	1,2	60 714 547
LED2400-840 wideflood	1,2	60 714 548
Accessory		
Interchangeable reflector, spot		60 700 382
Interchangeable reflector, flood		60 700 383
Interchangeable reflector, wideflood		60 700 384
Soft-outline lens		60 700 369
Oval outline lens		60 700 371
Honeycomb louvre, black		60 700 373
Telescopic attachment ring M for spotlight head adjustment		60 700 388
Telescopic pole for spotlight head adjustment		60 700 390



TECTON spotlight

ONICO L TEC-GP LED (Essential stableWhite)

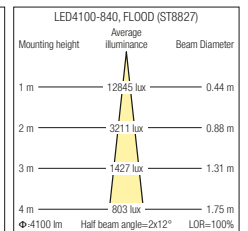
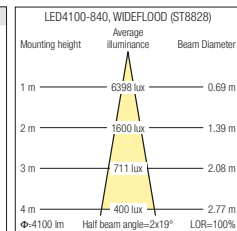
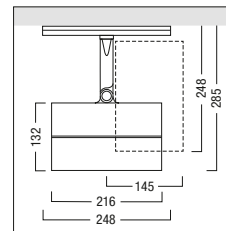


- |...|
- Luminaire luminous flux:
4000–4100 lm
- Luminaire efficiency:
111–114 lm/W (36 W)

	kg	Order no.
LED spot with CLIX technology (TECTON GP)		
LED4000-830 flood electronic	1,8	60 714 515
LED4000-830 flood, Dali dimmable only dimmable Dali only	1,8	60 714 533
LED4000-830 wideflood electronic	1,8	60 714 516
LED4100-840 wideflood, dimmable Dali only dimmable Dali only	1,8	60 714 681
LED4100-840 flood electronic	1,8	60 714 517
LED4100-840 flood, Dali dimmable only dimmable Dali only	1,8	60 714 534
LED4100-840 wideflood electronic	1,8	60 714 518

Accessory

Interchangeable reflector, spot		60 700 374
Interchangeable reflector, flood		60 700 375
Interchangeable reflector, wideflood		60 700 376
Interchangeable reflector, very wideflood		60 700 377
Soft-outline lens		60 700 368
Oval outline lens		60 700 370
Honeycomb louvre, black		60 700 372



TECTON spotlight

|...| Shared properties VIVO M TEC / L TEC

- Spotlight head rotates through 360°, pivots through 90°
- Specular reflector of aluminised PC, highly specular, iridescence-free
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking module: length 498 mm

VIVO M TEC-GP LED (Essential stableWhite)

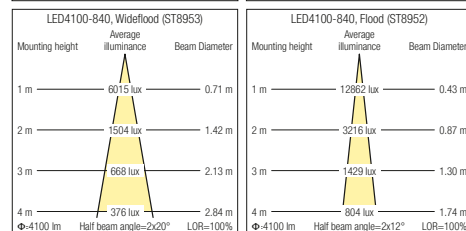
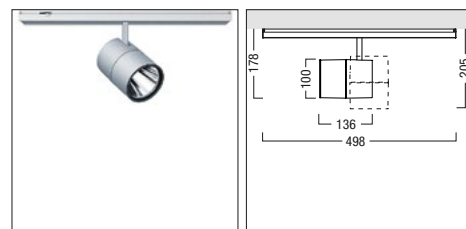


- |...|
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/intermediate)
- Optimized for efficient and high-performance accent lighting in shops and salesrooms
- Passive cooling achieved by innovative thermal design
- Die-cast aluminium spotlight housing
- Colour: white or silver micro-textured paint finish
- Black polycarbonate front ring provides excellent glare control
- Front ring serves for accommodation of accessories
- 50000 h service life at 80% luminous flux
- stableWhite colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2700–4100 lm (24/36 W)
- Luminaire efficiency: 113–117 lm/W (24 W)
- Luminaire efficiency: 111–114 lm/W (36 W)
- Includes control gear
- Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
- Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.	Order no.
LED spotlight VIVO M, flood, with CLIX technology (TECTON GP)		<i>white</i>	<i>silver</i>
LED2700-830 flood	1,8	60 714 239	60 714 240
LED2700-830 wideflood	1,8	60 714 241	60 714 242
LED2800-840 flood	1,8	60 714 243	60 714 244
LED2800-840 wideflood	1,8	60 714 245	60 714 246
LED4000-830 flood	1,8	60 714 271	60 714 272
LED4000-830 wideflood	1,8	60 714 273	60 714 274
LED4100-840 flood	1,8	60 714 275	60 714 276
LED4100-840 wideflood	1,8	60 714 277	60 714 278

Accessory

Interchangeable reflector, spot	60 700 274
Interchangeable reflector, flood	60 700 275
Replacement reflector, wideflood	60 700 278
Interchangeable reflector with high-contrast aperture	60 700 345
Soft outline lens	60 700 343
oval outline lens 50°	60 700 344
Black anti-glare ring	60 700 342



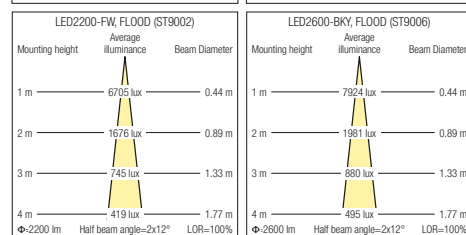
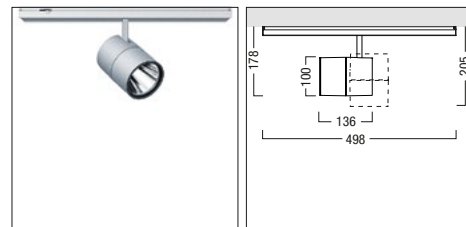
TECTON spotlight

VIVO M TEC-GP (Food)



- [...]
 - Innovative LED spotlight specifically designed for meat products and baked products
 - Optimized for efficient and high-performance accent lighting in shops and salesrooms
 - Passive cooling achieved by innovative thermal design
 - Die-cast aluminium spotlight housing
 - Colour: white or silver micro-textured paint finish
 - Black polycarbonate front ring provides excellent glare control
 - Front ring serves for accommodation of accessories
 - Service life: 50000 h at 70% luminous flux
 - Colour temperature: "LED-BKY" version matched to baked products
 - Colour temperature: "LED-FW" version matched to meat products
 - Luminaire luminous flux: 2200–2600 lm
 - Luminaire efficiency: 61–72 lm/W
 - Connected load: 36 W
 - Spotlight connected with the TECTON GP adapter (grand profile) to the trunking rail with CLIX- technology
 - Spotlight cannot be fitted over incoming feeder, central feeder or outgoing feeder

	kg	Order no.	Order no.
LED spotlight VIVO M, flood, with CLIX technology (TECTON GP)		white	silver
LED2200-FW flood	1,8	60 714 285	60 714 286
LED2200-FW wideflood	1,8	60 714 287	60 714 288
LED2600-BKY flood	1,8	60 714 295	60 714 296
LED2600-BKY wideflood	1,8	60 714 297	60 714 298



TECTON spotlight

VIVO L TEC-GP LED (Essential stableWhite)

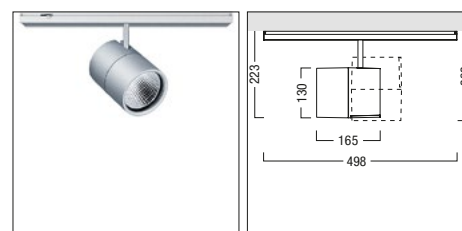


- [...]
 - “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/intermediate)
 - Optimized for efficient and high-performance accent lighting in shops and salesrooms
 - Passive cooling achieved by innovative thermal design
 - Spotlight surround made of 2-piece diecast aluminium; optional microtextured finishes: white or silver
 - Front cylinder fixed to rear housing by twist-and-lock mechanism
 - 60 W version: specular reflector of ultra-pure aluminium, silver-colour anodised
 - 50000 h service life at 80% luminous flux
 - stableWhite colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
 - Colour rendering index: Ra > 80
 - Luminaire luminous flux: 5600–5900 lm (58,5 W)
 - Luminaire efficiency: 96–99 lm/W (58.5 W)
 - Includes control gear
 - Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
 - Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.	Order no.
LED spot VIVO L, flood, with CLIX technology (TECTON GP)		white	silver
LED5600-830 flood	3,0	60 714 847	60 714 848
LED5600-830 wideflood	3,0	60 714 849	60 714 850
LED5800-840 flood	3,0	60 714 851	60 714 852
LED5800-840 wideflood	3,0	60 714 853	60 714 854
LED spotlight VIVO L, spot, with CLIX technology (TECTON GP)		white	silver
LED5800-830 spot	3,0	60 714 050	60 714 051
LED6000-840 spot	3,0	60 714 056	60 714 057

Accessory

Replacement reflector spot (60 W)	60 700 351
Replacement reflector flood (60 W)	60 700 352
Replacement reflector wideflood (60 W)	60 700 353
Honeycomb mesh, black	60 700 040
Anti-glare blades, black	60 700 082



LED5800-840, Wideflood (ST8995)			LED6000-840, SPOT (ST8347)		
Mounting height	Average illuminance	Beam Diameter	Mounting height	Average illuminance	Beam Diameter
1 m	8117 lux	0.72 m	1 m	31316 lux	0.28 m
2 m	2029 lux	1.45 m	2 m	7829 lux	0.56 m
3 m	902 lux	2.17 m	3 m	3480 lux	0.84 m
4 m	507 lux	2.89 m	4 m	1957 lux	1.11 m
φ=5800 lm	Half beam angle=2x20°	LOR=100%	φ=5900 lm	Half beam angle=2x8°	LOR=100%

TECTON spotlight

VIVO L TEC-GP LED (Essential+ stableWhite)

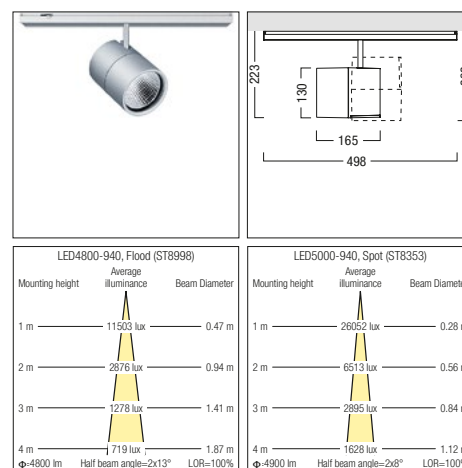


- [...]
 - LED spotlight "Essential+ stableWhite" with stabilised colour temperature (warm white / intermediate)
 - Optimized for efficient and high-performance accent lighting in shops and salesrooms
 - Passive cooling achieved by innovative thermal design
 - Spotlight surround made of 2-piece diecast aluminium; optional microtextured finishes: white or silver
 - Front cylinder fixed to rear housing by twist-and-lock mechanism
 - 60 W version: specular reflector of ultra-pure aluminium, silver-colour anodised
 - 50000 h service life at 80% luminous flux
 - stableWhite colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
 - Colour rendering index: Ra > 90
 - Luminaire luminous flux: 4600–5000 lm (58.5 W)
 - Luminaire efficiency: 79–82 lm/W (58.5 W)
 - Includes control gear
 - Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
 - Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.	Order no.
LED spot VIVO L, flood, with CLIX technology (TECTON GP)		white	silver
LED4600-930 flood	3,0	60 714 871	60 714 872
LED4600-930 wideflood	3,0	60 714 873	60 714 874
LED4800-940 flood	3,0	60 714 875	60 714 876
LED4800-940 wideflood	3,0	60 714 877	60 714 878
LED spotlight VIVO L, spot, with CLIX technology (TECTON GP)		white	silver
LED4800-930 spot	3,0	60 714 086	60 714 087
LED5000-940 spot	3,0	60 714 092	60 714 093

Accessory

Replacement reflector spot (60 W)	60 700 351
Replacement reflector flood (60 W)	60 700 352
Replacement reflector wideflood (60 W)	60 700 353
Honeycomb mesh, black	60 700 040
Anti-glare blades, black	60 700 082



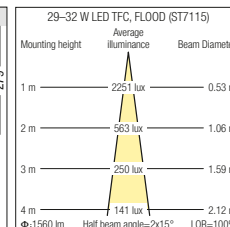
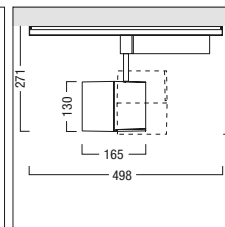
TECTON spotlight

VIVO L TEC-GP LED (Tunable Food Colour)



- [...]
 - High-performance, innovative "Tunable Food Colour" (TFC) LED spotlight with adjustable colour temperatures
 - Optimised for efficient, uniform and customised accent lighting for food retailing
 - 10 pre-programmed colour settings can be selected using a rotary switch on the converter box
 - Users can tune the lamp precisely to output a light colour suited to fruit, vegetables, meat or cheese
 - Patented reflector-lens system delivers a precise beam pattern of flood and wideflood
 - Includes converter in separate polycarbonate box
 - Spotlight surround made of 2-piece diecast aluminium; optional microtextured finishes: white or silver
 - Front cylinder fixed to rear housing by twist-and-lock mechanism
 - Service life: 50000 h at 70% luminous flux
 - Colour rendering index: Ra > 80
 - "Tunable Food Colour" (TFC) colour temperature in 10 preset levels
 - Luminaire luminous flux: 1560 lm (29–32 W)
 - Luminaire efficiency: 49 lm/W
 - Spotlight fixed via TECTON GP adapter (grand profile) to the trunking using CLIX technology
 - Spotlight cannot be fitted over input power feed, central power feed or output power feed

	kg	Order no.
LED spot, flood, with CLIX technology (TECTON GP)		<i>electronic</i>
29–32 W LED TFC flood electronic	3,0	60 713 440
29–32 W LED TFC flood electronic	3,0	60 713 441
29–32 W LED TFC wideflood electronic	3,0	60 713 442
29–32 W LED TFC wideflood electronic	3,0	60 713 443
Accessory		
Anti-glare blades, black	0,4	60 700 082
Honeycomb mesh, black		60 700 040
Interchangeable reflector, flood		60 700 321
Replacement reflector, wideflood		60 700 322



TECTON spotlight

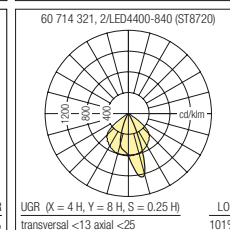
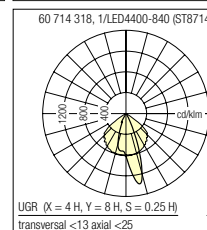
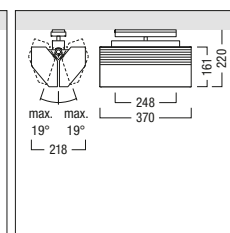
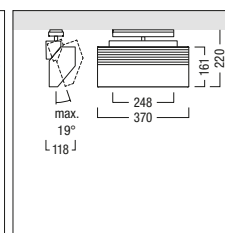
KATALYST TEC-GP LED



- LED spotlight “Essential stable-White” with stabilised colour temperature (warm white / neutral white)
- Optimised for the efficient homogeneous vertical illumination of sales shelving with unique brilliance in shops and showrooms
- Passive cooling due to innovative heat dissipation
- With converter integrated into the spotlight housing
- Spotlight can rotate through 360°, spotlight head can tilt through max. 19°
- Spotlight housing made from diecast aluminium/extruded profile
- Colour: white micro-textured paint
- Excellent glare reduction
- Flexible in height and width due to different reflectors – all common mounting heights and aisle widths are possible
- Reflector of ultra-pure aluminium, silver-colour anodised
- Service life: 50000 h at 80% luminous flux
- Colour temperature stableWhite: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering: $R_a > 80$
- Luminaire luminous flux: 4300–5000 lm (46 W)
- Luminaire luminous flux: 8600–10000 lm (92 W)
- Luminaire efficiency: 93–109 lm/W
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking rail insert: length 248 mm
- Spotlight connected with the TECTON GP adapter (grand profile) to the trunking rail with CLIX- technology
- Spotlight cannot be fitted over incoming feeder, central feeder or outgoing feeder

kg Order no.

		kg	Order no.
LED spotlight with CLIX technology (TECTON GP), mounting height 3.0 m			
1/LED4900-830		3,2	60 714 311
1/LED5000-840		3,2	60 714 317
2/LED4900-830		5,0	60 714 314
2/LED5000-840		5,0	60 714 320
LED spotlight with CLIX technology (TECTON GP), mounting height 3.5 m			
1/LED4300-830		3,2	60 714 312
1/LED4400-840		3,2	60 714 318
2/LED4300-830		5,0	60 714 315
2/LED4400-840		5,0	60 714 321
LED spotlight with CLIX technology (TECTON GP), mounting height 4.0 m			
1/LED4400-830		3,2	60 714 313
1/LED4500-840		3,2	60 714 319
2/LED4400-830		5,0	60 714 316
2/LED4500-840		5,0	60 714 322



TECTON sensors

TECTON motion sensor



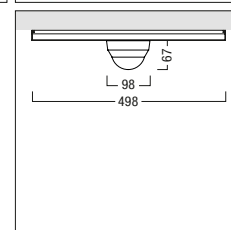
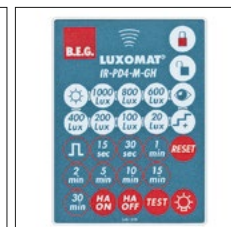
- Infrared motion detector for warehouses and industrial facilities
- Passive infrared sensor for mounting heights up to 16 m
- No addressing or commissioning required (PST TEC-GP WH)
- Field of view can be limited with detachable cover segments
- PST TEC-GP:
- For use of the Tridonic corridor-FUNCTION or comparable functionality
- For settings on the sensor, the PST RC remote control intended for this purpose is always required
- 100% light when person detected in room. When room is unoccupied, light fades slowly (60 sec.) to 10% light level
- TECTON PST DIMLITE:
- TECTON PST DIMLITE single: PST sensor with integral DIMLITE single for controlling up to 25 DALI/DSI electronic ballasts
- TECTON PST DIMLITE sensor: slave - sensor for PST DIMLITE single for extending detection range
- To enlarge the detection range, several sensors can be used in one continuous-lighting row
- ED-PST TEC-GP:
- For connection to LITECOM or LITENET light control

Accessory

PST remote control 22 169 184

Motion detector

ED-PST TEC-GP SR	248/98/67	22 170 197
ED-PST TEC-GP WH	248/98/67	22 170 187
PST DIMLITE SENSOR TEC-GP	498/98/67	22 169 251
PST DIMLITE SINGLE TEC-GP	498/98/67	22 169 250
PST TEC-GP	248/98/67	22 169 248



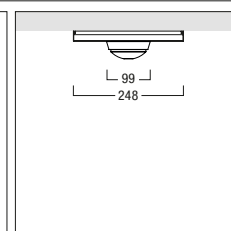
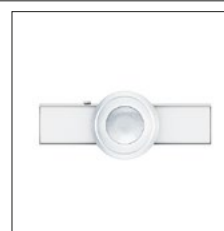
TECTON occupancy sensor



- Multipurpose sensor for detecting person in room and as receiver for IRTOUCH infrared remote control
- Sensor is intended for use in the DALI-based LITECOM, LUXMATE DIMLITE, PROFESSIONAL and LITENET system. Not designed for use in other systems.
- Can be used with the IRTOUCH infrared remote control (22 154 450)
- For detailed specification please see 22 154 506

Accessory

ED-SENS TEC-GP 248/99/42 22 169 252



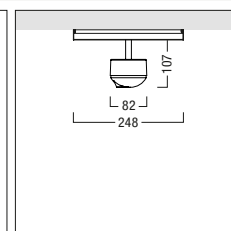
TECTON daylight sensor



- DALI light sensor (mounted in trunking) for detecting the daylight entering the room
- Light sensor can only be used in combination with suitable LUXMATE control modules
- For detailed specification please see 22 154 682

Accessory

ED-EYE TEC-GP 248/82/107 22 169 253



TECTON sensors

TECTON sensor (contrast)

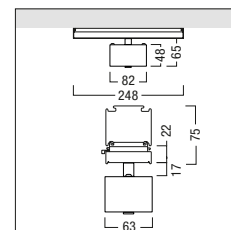


- Contrast sensor for motion- and ambient light-dependent control
- DALI master device for control, for max. five DALI luminaire groups
- Rectangular detection range with 17 x 11 fields
- Commissioning with masterCONFIGURATOR software from Tridonic
- Detection zones for motion (max. 5) and light (max. 5) can be freely configured with the commissioning software

L/W/H Order no.

Accessory

ATIVO DALI TEC-GP	248/134/65	22 169 869
ED-ATIVO TEC-GP	248/134/65	22 169 968



TECTON cable duct white/silver

- Cable duct for running cables on rear
- 4 side pieces (length: 1500 mm) made of roll-formed sheet steel, painted with white or silver polyester resin enamel
- 5 plastic cable-duct brackets made of polycarbonate
- Aluminium end caps in white powder-coated finish; fixing screws included
- Fixed using "CLIX" mechanism

L/W/H kg Order no.

Cable duct

TECTON KK AL 3000 SET SR	3000/62/47	2,0	22 168 735
TECTON KK AL 3000 SET WH	3000/62/47	2,0	22 168 734

End caps

TECTON KK ENDCAP SR			22 168 731
TECTON KK ENDCAP WH			22 168 730

Please order TECTON T-AK 1476 cover strips and TECTON KK ENDCAP separately.



TECTON plastic cover strip, white/silver

- Plastic cover strips made of polypropylene (white) or PVC (silver)
- TECTON T AK-GP: contains 4 pcs. cover strip
- Can be individually cut to length by customer

L/W/H kg Order no.

Cover strip for mounting rail silver

TECTON T AK-GP 1498 (4 pcs.)	1498/47/1		22 170 738
TECTON T AK-GP 1997 (4 pcs.)	1997/47/1	0,2	22 170 739

Cover strip for mounting rail white

TECTON T AK-GP 1498 (4 pcs.)	1498/47/1		22 170 736
TECTON T AK-GP 1997 (4 pcs.)	1997/47/1	0,2	22 170 737

Cover strip for cable duct/mounting rail silver

TECTON T/KK AK 1498	1498/47/1		22 170 179
TECTON T/KK AK 1997	1997/47/1	0,2	22 170 181

Cover strip for cable duct/mounting rail white

TECTON T/KK AK 1498	1498/47/1		22 170 178
TECTON T/KK AK 1997	1997/47/1	0,2	22 170 180

650°C



TECTON Socket element

- Made of roll-formed sheet steel, in white polyester lacquer finish
- Phase selection
- Fixed using easy-to-use turnbuckles
- With surface-mounted (safety) socket/recessed (SEV) socket and fuse (6.3 A), externally accessible
- Includes end caps

L/W/H kg Order no.

Socket module

TECTON C GS	248/50/48	0,3	22 169 254
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Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.



zumtobel.com/office



zumtobel.com/education



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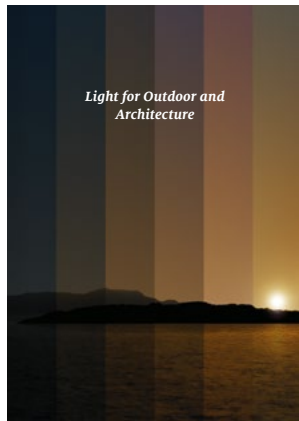
zumtobel.com/culture



zumtobel.com/healthcare



zumtobel.com/industry



zumtobel.com/outdoor

- *Offices and Communication*
- *Education and Science*
- *Presentation and Retail*
- *Hotel and Wellness*
- *Art and Culture*
- *Health and Care*
- *Industry and Engineering*
- *Outdoor and Architecture*
- *Living*

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. We combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

Lighting and sustainability

In line with our corporate philosophy "We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment", Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability



Top quality – with a five-year guarantee.
As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

Order no. 04 570 629-EN 10/17 © Zumtobel Lighting GmbH
Technical data was correct at time of going to press.
We reserve the right to make technical changes without notice. Please contact your local sales office for further information.





Tracks and spots

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Downlights

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info.si@zumtobelgroup.com
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Recessed luminaires



Surface-mounted and pendant luminaires

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F +64/(9) 820 7591
info.nz@zumtobelgroup.com
zumtobel.co.nz

Hungary

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Váci út 49
1134 Budapest
T +36/(1) 450 2490
F +36/(1) 350 0829
info.hu@zumtobelgroup.com
zumtobel.hu

Russia

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Official office Zumtobel Group
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5/19, office 405
105064 Moscow
T +7/(495) 981 35 41
T +7/(812) 604 02 60
info.ru@zumtobelgroup.com
zumtobel.ru



Free-standing and wall-mounted luminaires

China

Thorn Lighting (Guangzhou) Limited
12A Lian Yun Road
Eastern Section,
GETDD, Guangzhou
510530, P.R. China
T +86(20)2232 6000
Sales Hotline: 4008080195
info.cn@zumtobelgroup.com
zumtobel.cn

Croatia

ZG Lighting d.o.o.
Ulica Petra Hektorovića 2
10000 Zagreb
T +385/(1) 64 04 080
F +385/(1) 64 04 090
info.hr@zumtobelgroup.com

Norway

ZG Lighting Norway AS
Bygdøy allé 4
0257 Oslo
T +47 22 54 72 00
info.no@zumtobelgroup.com
zumtobel.no



Continuous-row systems and individual batten luminaires

Hong Kong

ZG Lighting Hong Kong Ltd.
Unit 503 – 508, 5/F, Building 16W,
Phase 3, Hong Kong Science Park,
New Territories, Hong Kong
T +852/(0)2578 4303
F +852/(0)2887 0247
info.hk@zumtobelgroup.com

Bosnia and Herzegovina

ZG Lighting d.o.o.
Predstavništvo u BiH
Zmaja od Bosne 7
71000 Sarajevo
T +387 33 590 463
info.ba@zumtobelgroup.com

Sweden

ZG Lighting Nordic AB
Hyllie Boulevard 10b
215 32 Malmö
T +46 649 20 00
info.se@zumtobelgroup.com
zumtobel.se



High-bay luminaires

India

Thorn Lighting India Pvt. Ltd.
No. 43, Chamiers Road
Raja Annamalaipuram,
Chennai 600028,
Tamil Nadu, India
T +91/(44) 2435 7588
F +91/(44) 2435 8744
info.in@zumtobelgroup.com

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Beton hala – Karadorđeva 2-4
11000 Belgrade
M+381 69 5444 802
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Denmark

ZG Lighting Denmark A/S
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2650 Hvidovre
T +45 35 43 70 00
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Luminaires with extra protection

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Façade, media and outdoor luminaires

Lighting management systems



Emergency lighting



Zumtobel Group Services



