

 **REGENT**
LIGHTING



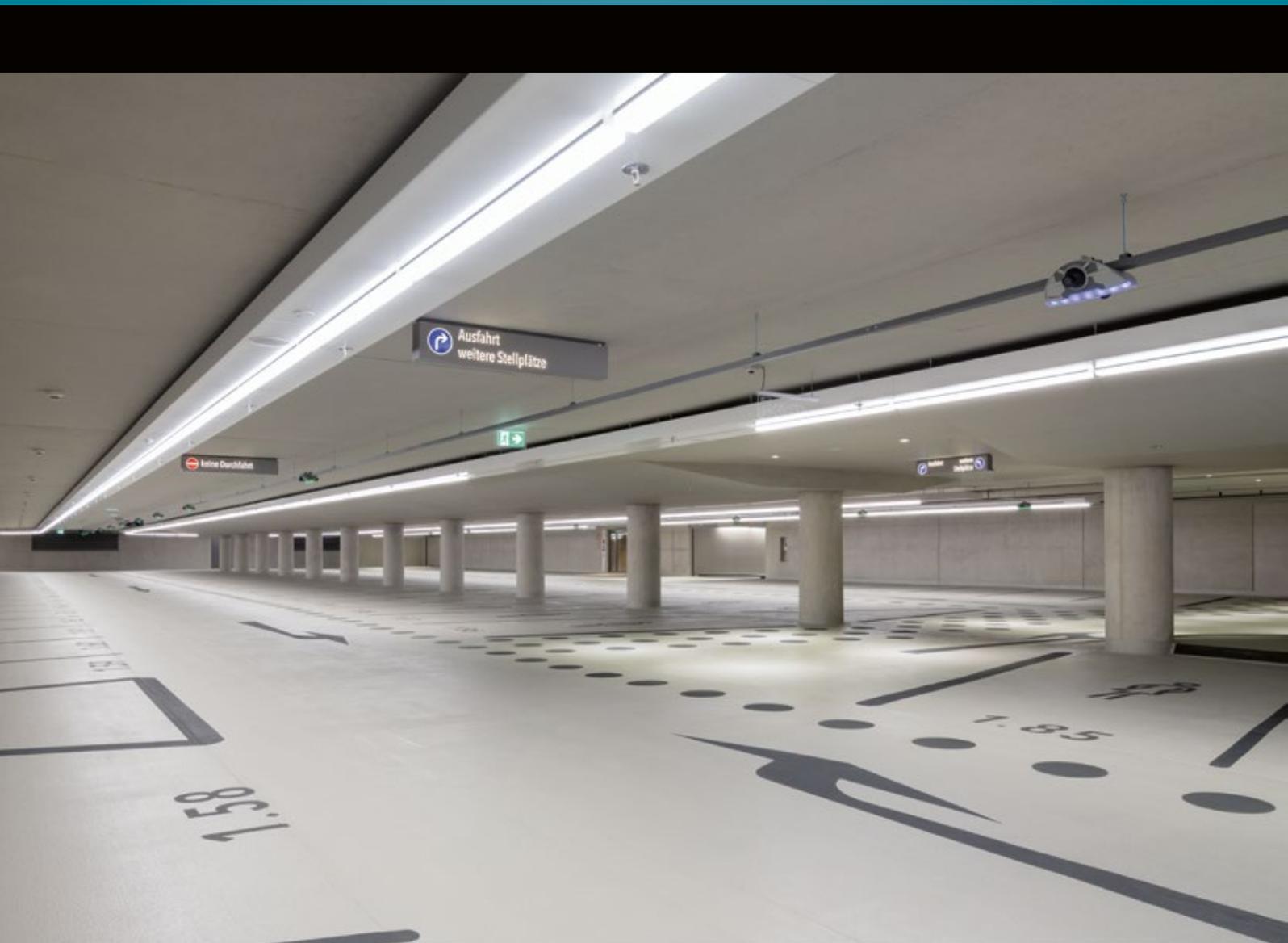
TRAQ
Quality with
a system

PEOPLE LIGHT OUR WAY

TRAQ

Quality with a system

High efficiency, high flexibility and long service life all along the line: **TRAQ** is our highest-quality continuous-row lighting system and is characterised, among other things, by its extremely simple, tool-free installation. In addition, the trendsetting optics developed especially for **TRAQ** provide particularly uniform, glare-free light with first-class colour rendition. With no less than five available beam angles and numerous extension modules, **TRAQ** offers limitless expansion possibilities for different needs and environments. Whether in industrial or office applications: this system is already equipped for tomorrow's needs.





A system of three solid components

TRAQ Linear is the high-quality and robust mounting rail on which the entire system is based. Added to this are the luminaire strips specially designed for **TRAQ** with innovative lighting technology and, with **TRAQ Equip**, a wide range of accessories for unlimited expansion and energy savings of up to 70 % [e.g. with presence sensors].

Mounting rails



Batten luminaires



Extension modules



TRAQ Linear

Intelligent power supply for limitless light

An intelligent power supply concept and simple connection technology guarantee the best light with simple installation – all the way. The individual components can be positioned quickly and flexibly. **TRAQ Linear** is the safe solution for your lighting requirements. The result: efficient light with minimum effort.

Simple, tool-free assembly

No special know-how is required for the installation of **TRAQ**. The intelligent power supply concept and the simple connection technology enable continuous installations without interruptions on the one hand and a completely tool-free assembly on the other. Thanks to spring technology, the various extension modules can also be easily integrated into the system at any time and maintained just as easily.

Features and specifications

- Feeding from above or front side
- Choice between seven- and eleven-pole conductor rails
- Error prevention due to colour coding in the conductor rail
- Mounting rail in six different lengths from 1.2 to 4.5 m
- Mounting and conductor rails can be cut to size
- Protective transport caps of the mounting rails can be used to shorten the conductor rails



7-pole wiring

5 x 2.5 mm² + 2 x 1.5 mm²

3 separate circuits

2 control leads for DALI signal



11-pole wiring

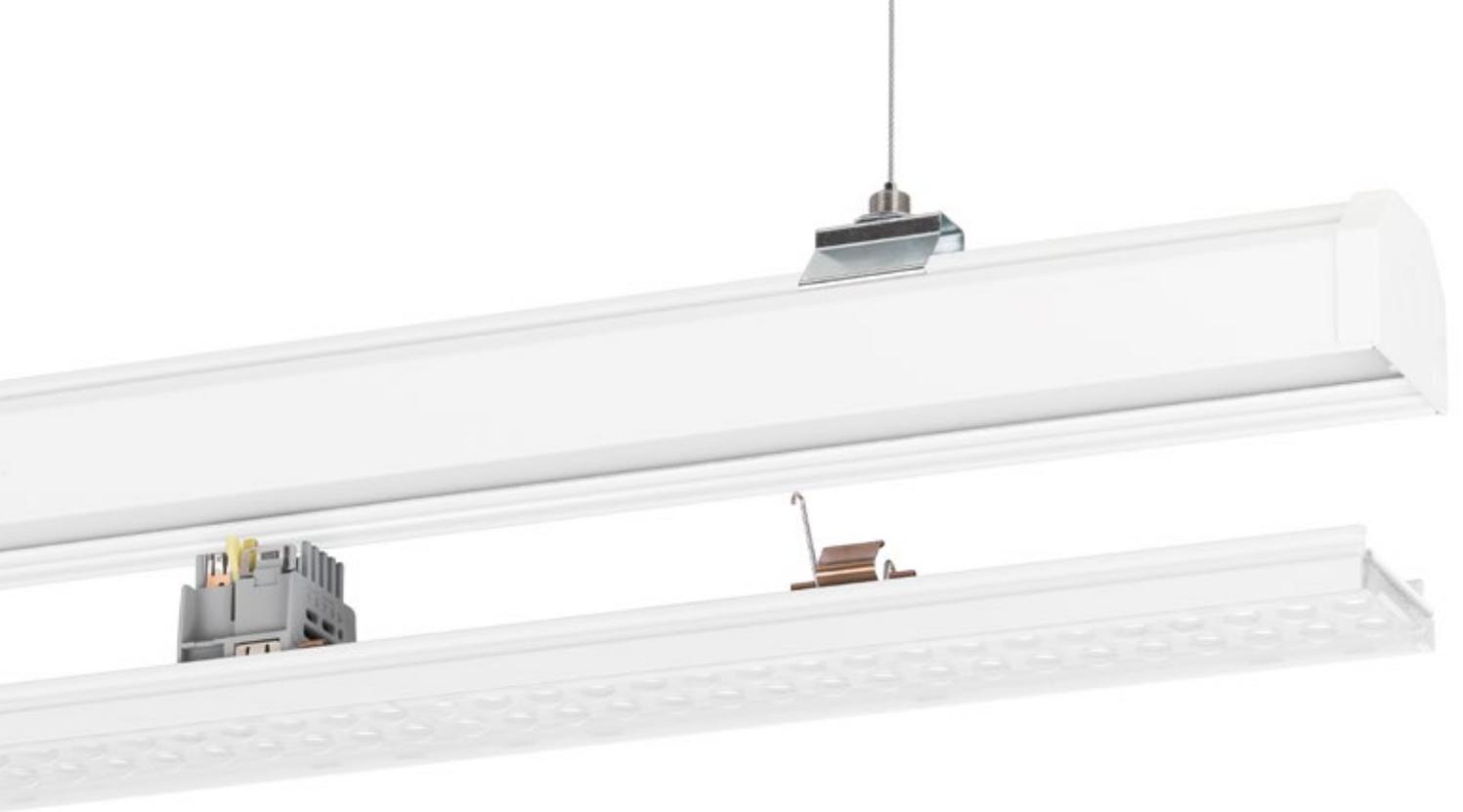
5 x 2.5 mm² + 6 x 1.5 mm²

3 separate circuits

2 control leads for DALI signal

2 independent emergency lighting circuits





TRAQ

Innovative lighting technology

An optic specially developed for **TRAQ** with sophisticated lens technology guarantees first-class light quality for five different beam angles. Whether asymmetrical, double asymmetrical, wide-beam, narrow-beam or ambient: in combination with carefully selected LEDs, uniform light is produced with outstanding colour rendition and trendsetting energy efficiency.



Features and specifications

- Aluminium profile with double bottom optimised for heat dissipation
- High uniformity and efficiency (up to 166 lm/W)
- A grid matching the luminaire strip [optional] conceals the LED points and additionally improves visual glare control in longitudinal and transverse direction





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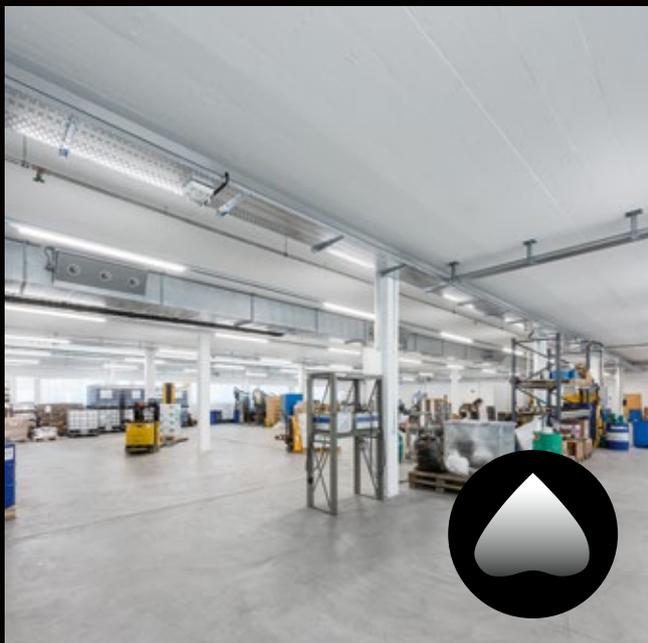
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Light distribution in the room matching the application thanks to high-precision PMMA lenses [UV-resistant] with LED Optimising Optics [LOO].



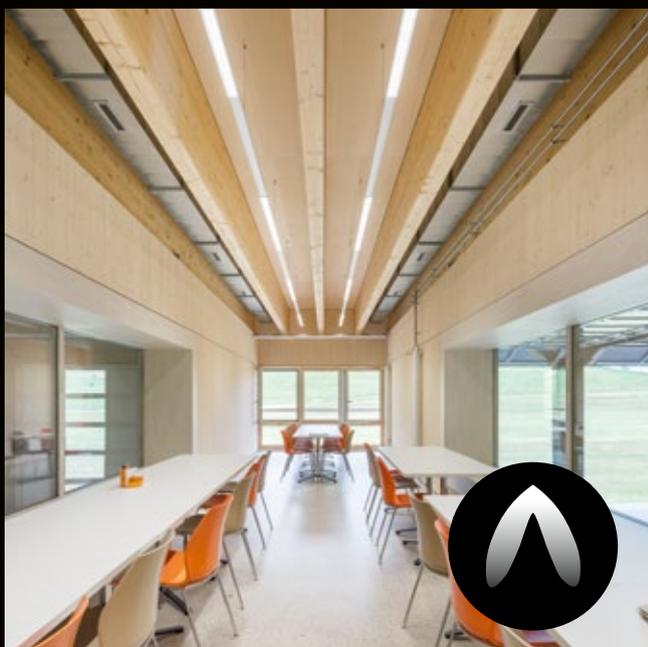
Wide-beam

up to 8 metres [assembly and production halls]



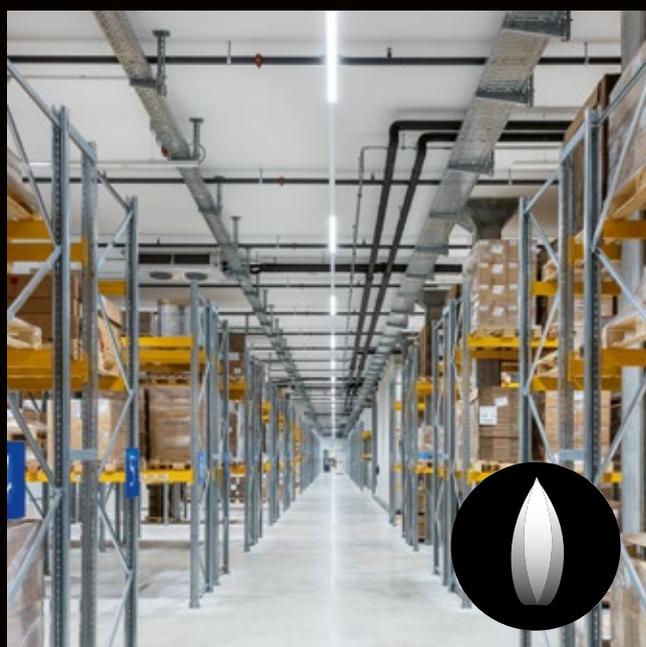
Asymmetric beam

up to 3.5 metres [supermarkets and DIY stores]



Double asymmetric beam

up to 3.5 metres [supermarkets and DIY stores]



Concentrated beam

up to 12 metres [warehouses]



TRAQ Case

Light insert for low rooms

For low room heights, the high-quality polycarbonate diffuser meets the requirement for homogeneous light. The room-radiating light distribution provides pleasant wall illumination.

TRAQ Case is characterised by the clear design language of the rectangular diffuser and the low installation height of only 39 mm.



All-round beam

For light point heights up to 3.5 metres (parking garages, corridors, aisles, technical rooms, shipping and packing areas, logistics areas)

TRAQ Office

Light insert for the office

The **TRAQ Office** luminaire strip designed for offices provides innovative office lighting of the highest standard thanks to the integrated **RUN+** diffuser. Perfect glare control, avoidance of multiple shadows at the workplace thanks to uniform light distribution and first-class colour rendering are guaranteed.

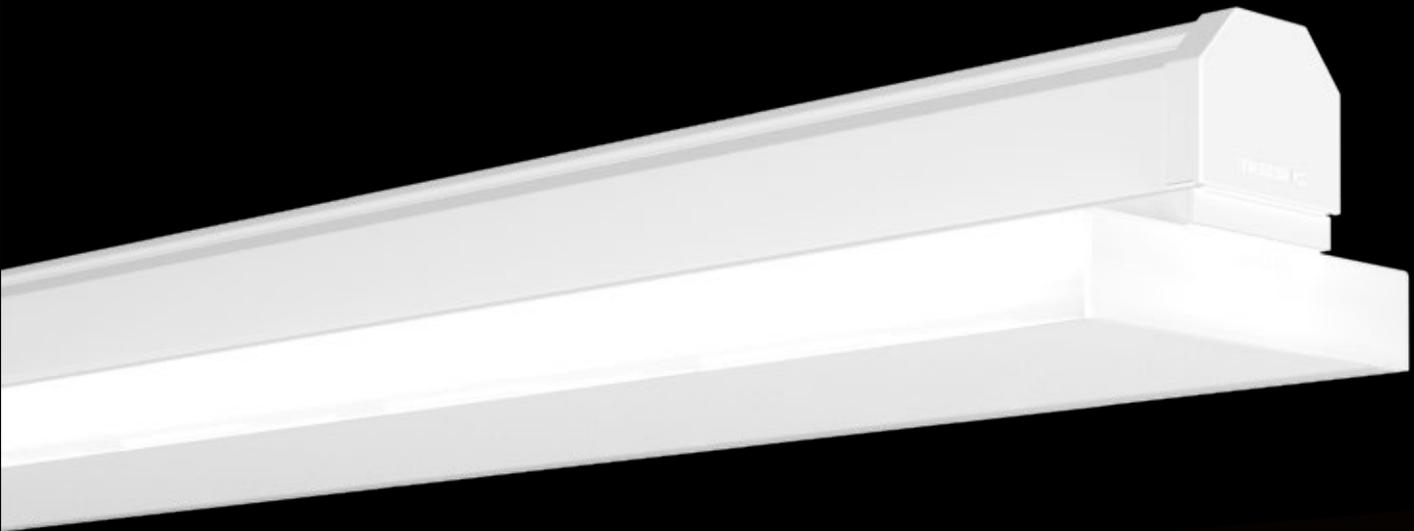
First-class light for the office

Ambient light distribution with indirect component provides reduced contrasts between room ceiling and walls. **TRAQ Office** meets all the requirements of office lighting and combines them with the mounting advantages of a continuous-row lighting system.

Features and specifications

- High-quality, UV-resistant diffuser made of PMMA and with **RUN+** optics
- Perfect glare control and uniform light distribution – $UGR \leq 19$; $L_{max} \geq 65^\circ \leq 3000 \text{ cd/m}^2$





RUN+ Technology: A thin foil which was developed by Regent Lighting and integrated into the diffuser. Aesthetically, we are leaving behind the world of microprismatic plates, and offer with **RUN+** an aesthetic alternative with a refined, clear and clean surface.



All-round beam Office

For light point heights up to 3.5 metres (individual and open-plan offices, classrooms, meeting rooms, break rooms, quality control and production areas)



TRAQ Equip

Row lighting system with expansion potential

The existing **TRAQ** system can easily be expanded with the corresponding **TRAQ Equip** modules. Whether it is lighting modules with specific requirements, the installation of emergency lighting elements or energy-saving sensor modules; everything can be easily integrated and maintained without tools, thanks to the integrated spring technology.



Luminaire modules

Spotlights such as the **MATRIX** can be easily mounted on the mounting rail using integrable Global track.



Emergency modules

Save yourself the time-consuming installation of emergency lights on doors, ceilings or walls. Integrate emergency light modules into your Traq Linear in just a few simple steps. Safety where it matters.



Luminaire modules

If you are looking for a truly powerful lighting solution, the **ARNY** high-bay luminaire marks the end of your quest. A further unique feature: **ARNY** is IP54-rated when mounted on tried and tested **TRAQ** track.

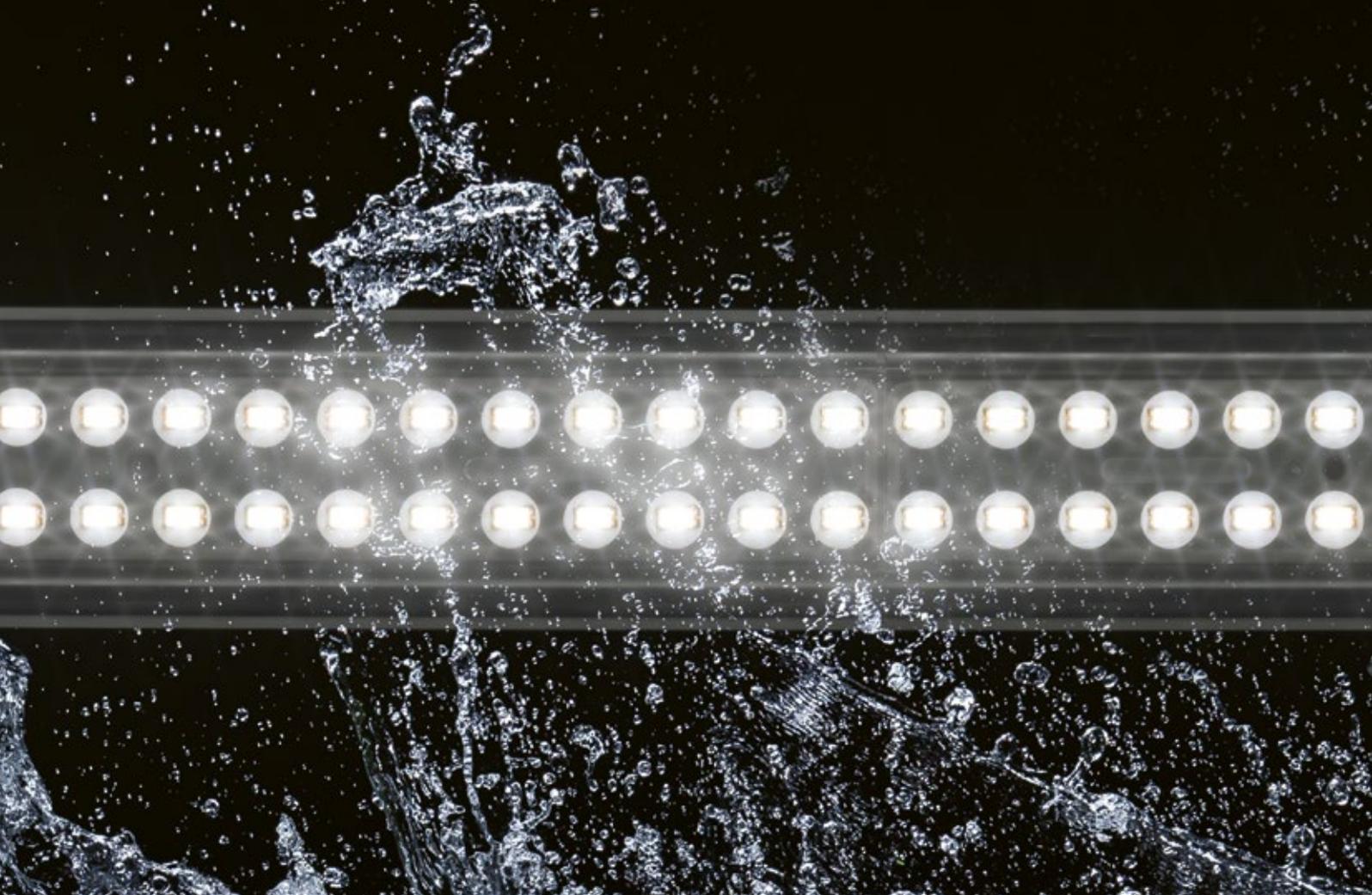


Sensor modules

Sensor modules can also be installed in the **TRAQ Linear** row lighting system as required. The simplest way for you to guarantee that light is provided when it is really needed.



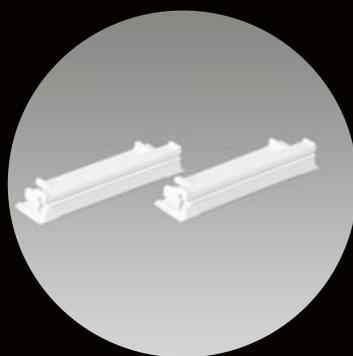




Thanks to specially developed seals, the entire system is tested for IP54. With only three additional elements, mounting rails, luminaire strips, sensor strips, covers and end caps can be integrated into a complete IP54 system.



IP54 cable connection
for frontal cable entry

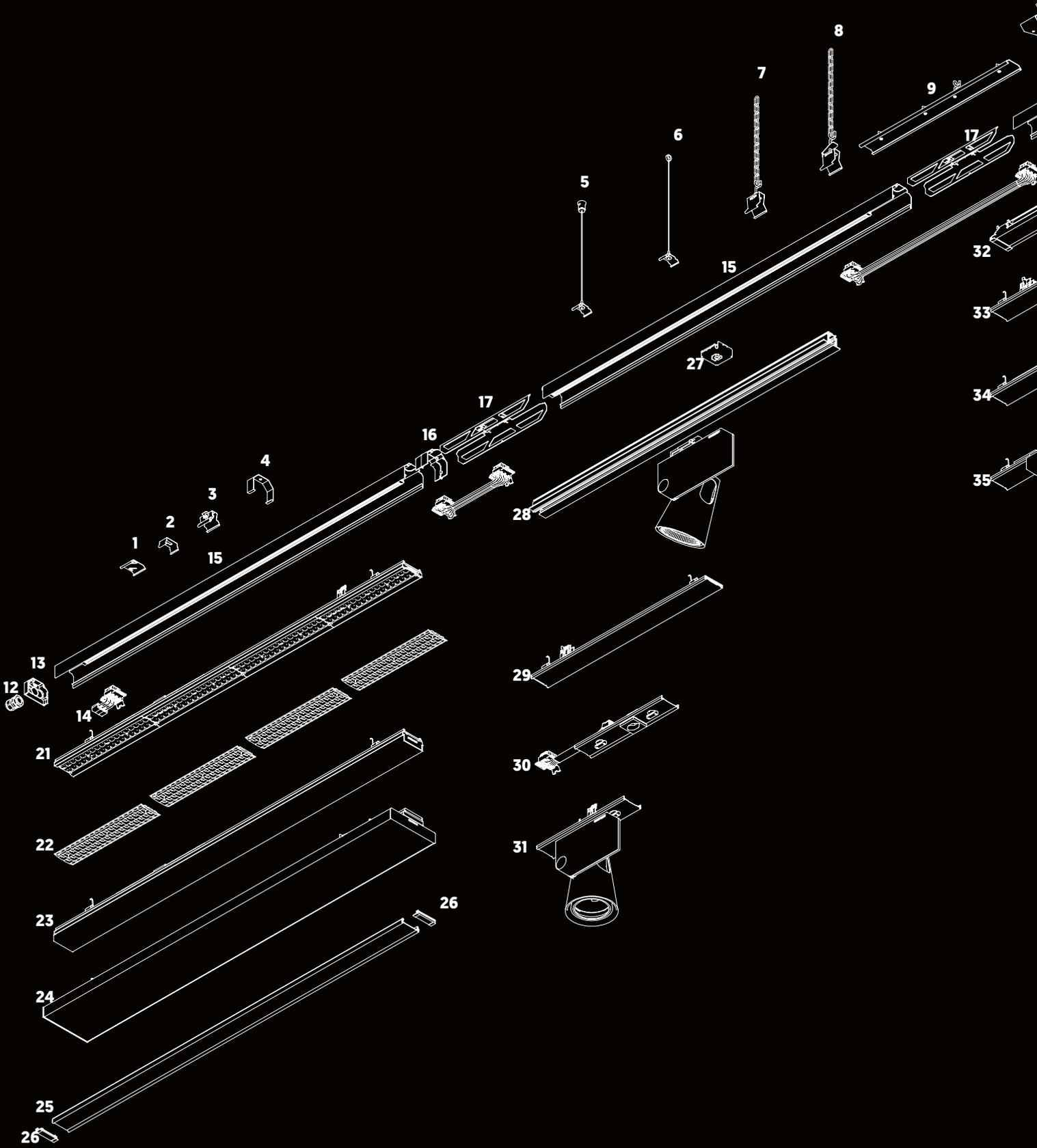


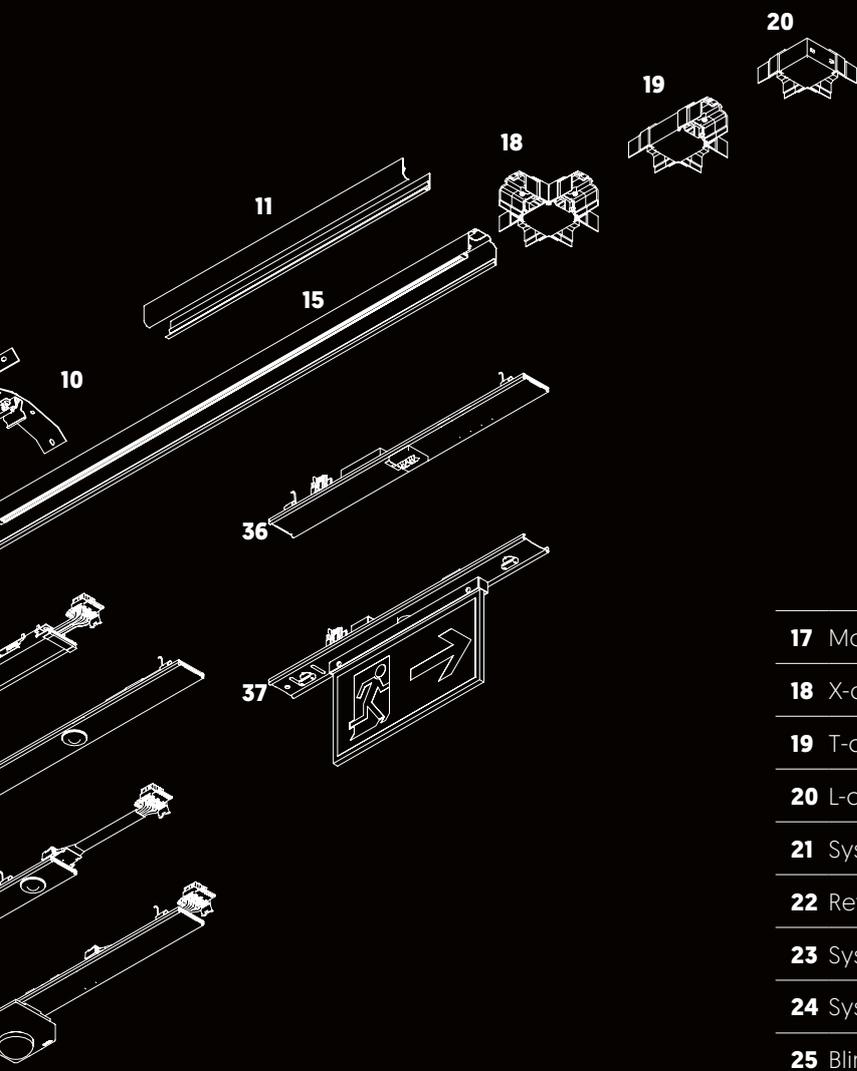
Seal
for blind cover



Seal
for mounting rail

TRAQ Product range overview





- 1 Loop for system ceilings
- 2 Ceiling mount, flat
- 3 Ceiling mount, for use with safety screw
- 4 Safety clamp for blind cover or lens modules (IK07)
- 5 Wire cord suspension with ceiling mount
- 6 Wire cord suspension with loop
- 7 Plain coil chain and element, with setting nut
- 8 Plain coil chain and element, with quick adjustment
- 9 Mounting rail connector for sloped mounting or stabilization
- 10 Bracket for mounting on sloped ceilings (30°, 45°, 60°)
- 11 Cable channel
- 12 Cable gland for front cable entry*
- 13 End cap
- 14 Mains infeed
- 15 Mounting rail with/without power supply
- 16 IP54 gasket for mounting rail*

- 17 Mounting rail connectors mechanical and electrical
- 18 X-connector
- 19 T-connector
- 20 L-corner connector
- 21 System batten luminaire TRAQ (with lens module)*
- 22 Retrofit louvre kit for lens modules
- 23 System batten luminaire TRAQ Case (with diffusor)*
- 24 System batten luminaire TRAQ Office (with diffusor)
- 25 Blind cover
- 26 IP54 gasket for blind cover*
- 27 Retainer for mechanical mounting of other luminaires
- 28 TRAQ Equip track (with Global track for connecting spotlights)
- 29 Empty section of profile for mounting further elements
- 30 Socket strip
- 31 Matrix mounting rail spotlight for direct mounting
- 32 Strip with PIR-based motion detector (up to 4 m)*
- 33 Strip with PIR-based motion detector (up to 4 m)
- 34 Strip with PIR-based motion detector and daylight control (up to 5 m* or 10 m)
- 35 Strip with PIR-based motion detector (up to 14 m)*
- 36 Module with emergency luminaire
- 37 Module with escape sign luminaire

*appropriate for mounting in an IP54 system

For further accessories, see website.
BIM objects are available.



TRAQ batten luminaires Product range overview

	TRAQ	TRAQ Case	TRAQ Office
Lengths (in module sizes)			
m600	•		
m1200	•	•	•
m1500	•	•	•
Material			
PMMA LED lens optics	•		
Diffuser made of polycarbonate		•	
Diffuser made of PMMA and with RUN+ optic			•
Beam spread characteristics			
wide-beam, double asymmetric, asymmetric, concentrated beam	•		
all-round beam		•	•
Light distribution indirect component			
14%			•
Luminous flux of luminaire (min – max.)			
1580–16500 lm	•		
2650–6200 lm		•	
4250–5600 lm			•
Colour temperature			
3000 K, 4000 K	•	•	•
6500 K	•	•	
Glare value			
UGR ≤ 19, Lmax < 3000 cd/m ²	•		•
UGR ≤ 22	•	•	
UGR ≤ 25		•	
Light control			
ON/OFF	•	•	•
ON/OFF-MultiLumen (adjustable)	•	•	
DALI2	•	•	•
Operating temperature range			
in IP20 system -10 to 40° C* **	•		•
in IP20 system -10 to 45° C*		•	
in IP54 system 0 to 35° C	•	•	
Maintained luminous flux			
L80 72'000h (guaranteed over the entire temperature range)	•	•	•

Accessories for additional glare control for TRAQ:

Louvre Retrofit Set **TRAQ** for lens modules.

Emergency light (3h DALI2) with single battery for 11-pole power supply profile possible.

All models available for ceiling, wall and pendant mounting, chain and wire suspension (except **TRAQ Office** not for wall mounting).

* Emergency variant: min. 0°C

** High-lumen variant: max. 35°C

For more information, please visit www.regent.ch/en/traq
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