

SDT/SRT

Light run



PROGRESS
OPENS UP
POSSIBILITIES!

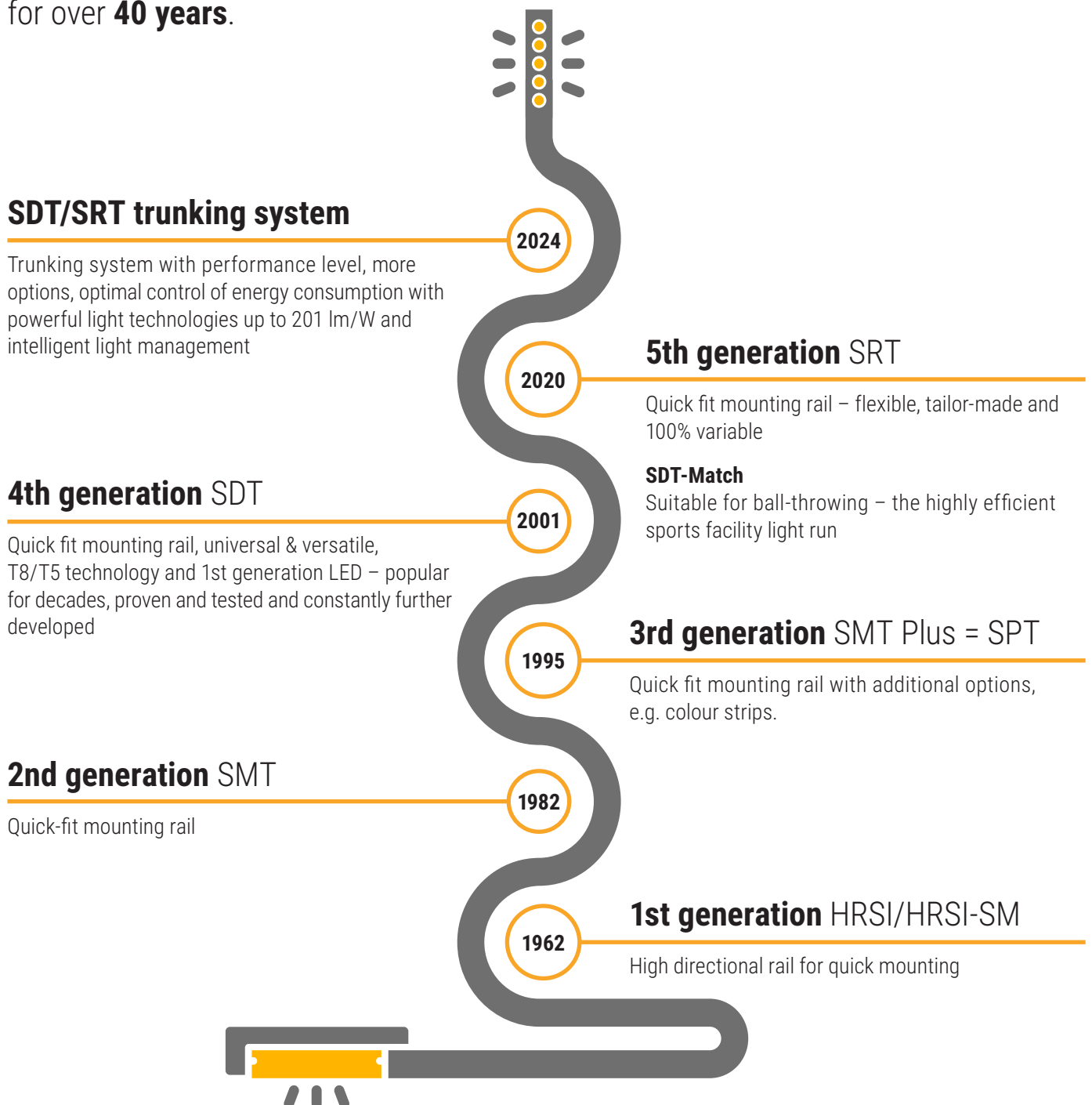
REGIOLUX



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Light run competence for generations!

Our warranty of confidence is based on project competence and a transparent planning process that takes into account your needs from the conception phase to acceptance. In addition, we ensure **backwards compatibility** of the gear trays for over **40 years**.



Taking responsibility, saving energy and protecting the environment:

- Highly efficient LED technology with up to 201 lm/W significantly reduces energy costs.
- Modular structure allows easy replacement and retrofitting of components, which makes refurbishment cost-efficient.
- Long service life of up to 100,000 h L90/B10 and up to 10 years warranty.
- Interfaces to light management enable maximum energy savings and further reduce energy consumption.
- With the GreenPac concept, we deliver resource-saving and efficient, which facilitates installation by means of rapid handling.



Learn how Regiolux protects the environment.


Made in Germany

Keep the proven and tested & redesign projects!

Choose from the universal solution or 100% individually according to your requirements. Trust in our decades of experience. Discover the new highlights that take our quick fit light runs to a whole new level.

Your project decides!

The logo consists of the letters 'SDT' in a bold, sans-serif font, enclosed within a rounded rectangular border. The background of the entire advertisement is a photograph of a modern, recessed ceiling light fixture with a long, glowing LED strip.

**Perfect, universal solution as the basis for more efficiency,
compatibility, light technology.**

- Especially focused in product variety for standard applications
- Compatibility of the gear trays goes back decades, making refurbishments easy to implement
- Protection category from IP20 to IP64 always design-integrated for a wide range of applications
- Certified gear trays for sports facilities (SDG-Match) and food areas
- Reliable solution with 5 years warranty and service life up to 50,000h L80 B10

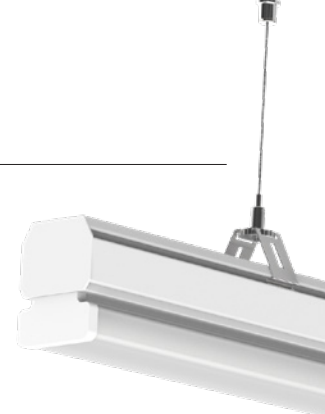
Comparison of system strengths







SRT

Flexible, accurate and 100% variable with 3 performance levels for custom use.































- 3 performance levels to optimise the light run with maximum efficiency for your application
- For fitting accuracy across all components, in particular the free positioning of the light modules in IP20/64.
- Targeted combination for your individual projects from light colours, efficiency, light technology and function modules
- Selection of housing colours and module lengths for design-oriented solutions in the office and retail sector



	Housing colour	Protection rating	Feed-through wiring	Positioning		Lumen packages (lm)	Efficiencies (lm/W)	Service life
				Gear tray	Module lengths			
SDT universal	VW RAL 9016	IP20	5 pole	 fixed	/1500	4,000–14,000	to 193	L80 B10 50.000h
		IP40		7 pole	 variable IP20			
SRT flexible tailor-made 100% variable	VW RAL 9016	IP20	7 pole	 fixed	/750	Economy (EP) 4,000–13,000	to 178	L80 B10 50.000h
	sg RAL 9006	IP40	11 pole	 100% variable (IP20/ IP64)	/1500	Powerful (PP) 4,000–21,000	to 193	L80 B10 75.000h
	SW RAL 9005	IP64	BTO		/2250	Xtreme (XP) 4,000–22,000	to 201	L90 B10 100.000h





Warranty	Ambient temperature (Ta)	Optics	Light colours	Emergency light system	Function modules	Applications
	-20°C to +45°C	 Central.Line.Optic Single lens  Individual.Lens.Optic Single lens  Diffusers		 	Light management <i>netlife</i> 3-phase track insert <i>SDGD</i> Renovation mounting rail for SMT/SPT Installation gear tray for individual sports facility lights <i>SDGU</i>	     
  	-20°C to +45 °C -20°C to +45 °C -20°C to +50 °C	 Central.Line.Optic Single lens  Individual.Lens.Optic Single lens  Diffusers	   	 	Light management <i>netlife</i> 3-phase track insert <i>SRGD</i> Spotlight <i>spotty-maxi</i> Safety luminaire <i>safe</i> Installation gear tray for <i>alevo</i>	    

 Made in Germany

KONECRANES® 250 KG

Krananlage Nr. 14

Comparison of system strengths





Made in Germany

Light for demanding environments

Industry & Logistics

Optimal lighting while saving money – the easy way to more efficiency and long-term safety.

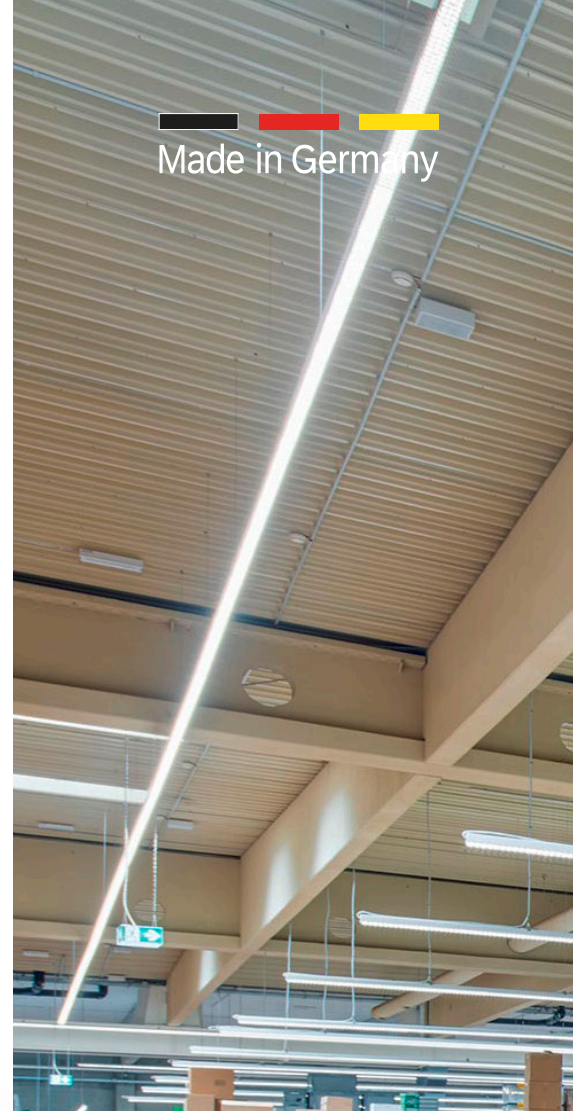
UPGRADE

SDT/SRT for increased performance and efficiency

- SRT** • **Think economically - Keep costs under control**
Performance Level Economy (EP), Powerful (PP), Xtreme (XP) Central.Line.Optic with up to 201 lm/W for optimal CO₂ and energy savings
- SRT** • **Extremely long service life for 24/7 operations**
LED service life up to 100,000 h L90/B10 and 10 years guarantee for sustainable investments
- SDT** • **Greater flexibility in application**
Advanced light technology Central.Line.Optic now also available for SDT quick fit mounting system
- SDT SRT** • **Light for storage and logistics areas - Highest demands on uniform illumination**
Central.Line.Optic extra low-beam, superbly glare-reduced at UGR22 maximum lumen output
- SDT SRT** • **4-in-1 solution - for changing requirements and high availability in the warehouse**
Flexible thanks to new multi-lumen versions up to 14,000lm in single lens technology
- SDT SRT** • **Extremely resistant to high ambient temperatures**
Reliable light modules adapted to new hot challenges

Retail

An individual and effective lighting concept increases public perception and has a positive effect on purchasing behaviour. It optimally showcases the merchandise and ensures a holistic shopping experience.



UPGRADE

SDT/SRT for more options and diversity

- SDT SRT** • **Performance Level Economy (EP), Powerful (PP), Xtreme (XP)**
Different performance classes up to 100,000 h L90/B10 and 10 year warranty, tailor-made for your application
- SDT SRT** • **Wide range of applications**
An impressive lighting concept requires a wide variety of light technologies and modules with additional functions. All united in one mounting rail. 11 wires and a mounting rail which can be adapted to the shelf length round off the perfect solution.
- SDT SRT** • **Indirect light component for a pleasant spatial effect**
With its indirect light component, the frosted CG optics ensure uniform illumination and reduce the visibility of the LED points. (IP20/64)
- SDT** • **Excellent and even light quality**
Advanced light technology Central.Line.Optic meets universal SDT





Comparison of system strengths





Comparison of system strengths





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Efficient lighting for productive work and learning

Office & Education

Optimum lighting at the workplace combines high light quality and visual comfort, thus promoting well-being and performance.

UPGRADE

SDT/SRT for more variability and safety

- SRT** • **Performance Level Economy, Powerful, Xtreme**
Different performance classes enable a perfect compromise between investment and operating costs.
- SDT** • **Excellent and even light quality**
Advanced light technology Central.Line.Optic meets universal SDT
- SDT SRT** • **4-in-1 solution – flexible with multi-lumen driver**
Multi-lumen versions up to 14,000 lm, continuous for all lumen packages in fixed and variable versions

Refurbishment

Through first-class refurbishment measures, we bring your lighting systems up to date with the latest technology – for efficient and sustainable operation with long-term reduction of operating costs.

Refurbishment solution with SDT quick fit mounting system
Implement successfully:



▶ OBI refurbishment project



▶ Logistics refurbishment

UPGRADE

Quick and toolless – Backwards compatible until 1982

SDT **New system through gear tray replacement – potential savings up to 70%**

- Mounting rail and electrical installation remain
- Toolless conversion in less than 1 minute/unit
- NEW for SMT/SPT: SDGEO – Single lens, Individual.Lens.Optic
- NEW for SDT: Single lens, Central.Line.Optic

SDT **SRT** **Complete refurbishment with SDT/SRT, existing system against new system – Savings potential up to 80%**

- Maximum flexibility and savings with professional light planning
- Optimum selection of light and function modules
- Custom light management
- NEW: Upgrade light modules for enhanced light technology and efficiency





New system with LED lights – refurbishment of the existing system by 1:1 replacement of T5/T8

up to
65%
Savings

New system with LED lights – refurbishment of the existing system by 1:1 replacement + on-site and daylight control

up to
70%
Savings

New system with SDT/SRT and professional light planning + on-site and daylight control

up to
80%
Savings

Comparison of system strengths





Comparison of system strengths



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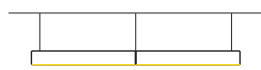
Application

Sports & multi-purpose halls

The ball-throw-proof quick fit mounting system is tested according to DIN VDE 0710 Part 13 and DIN 18032-3 and offers optimal lighting conditions through flexible uses with peak performance. Various mounting options make the system the perfect match for your system.

Creative freedom with SDT match

- Mounting rail
- Housing colour
- Through-wiring
- Types of installation
- Gear tray module lengths
- Positioning of the gear trays
- Light technology
- Light distributions
- ∞ lumen packages
- Light colours
- Colour rendering
- Types of switching
- Emergency lighting systems



Flexible suspension mounting:
Horizontal, tilted or rotated to the playing field



variable



Individual.Lens.Optic
Individual lens, 3-row



neutral white



More information & planning example:



UPGRADE

Electrical connection of single lights to SDT mounting rail with SDGU function module



SDGU for sportler

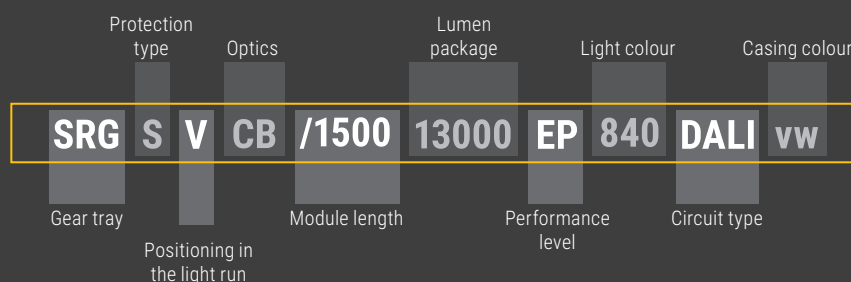
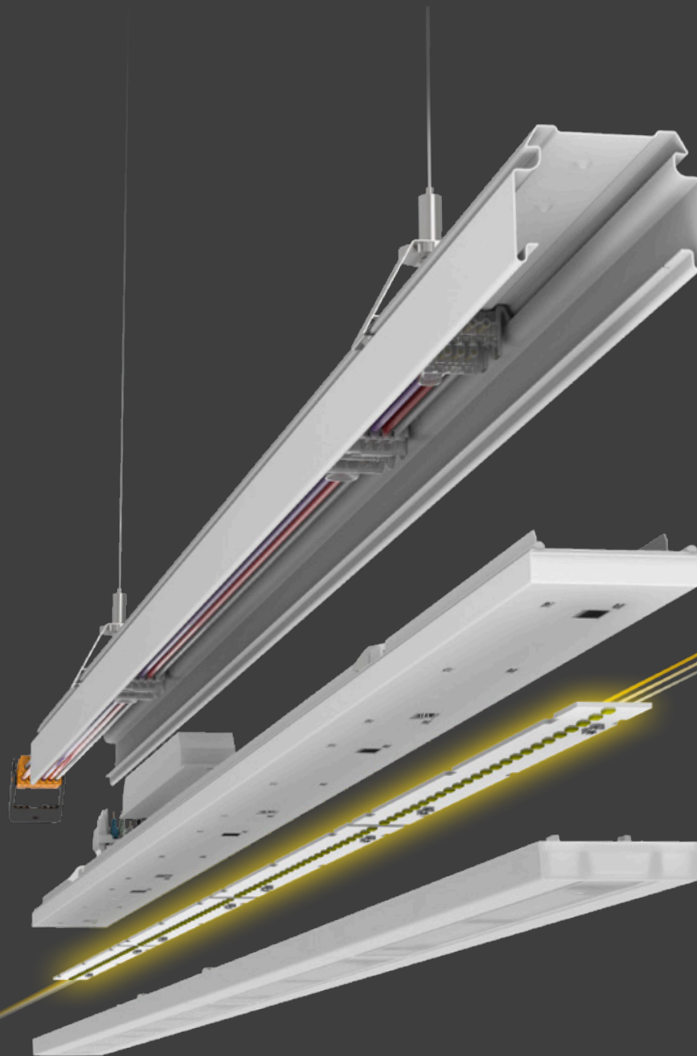


SDGU for ballea/THLA

SRT Central.Line.Optic Performance Level

Focus on economic efficiency and future security in your planning. With our function-optimised SRT light modules and three different power levels, the increased requirements for efficient lighting are met and convince with sustainable solutions.

Your project, your decision, your light run!



Take advantage of the efficiency calculator here:



REFURBISHMENT EXAMPLE

Production hall
 Industrial hall: 450 m², 500 lux
 Service life: 3000 h/a
 40 x SDG 2/58 ECG + SDR

Additional savings through *netlife* light management!

€



-58%

CO₂

-4.73 t/year

SRT

Economy Performance

High efficiency and service life. Implement cost-sensitive projects successfully.



178 lm/W	4.000- 13.000 lm	L80 B10 50.000h	-20°C +45°C Ta	ETM DALI 2		5
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SRT

Powerful Performance

Powerful, universal all-rounder sets high standards for efficiency, service life and warranty time. Design a range of projects with versatility.



193 lm/W	4.000- 21.000 lm	L80 B10 75.000h	-20°C +45°C Ta	ET ETM DALI 2		7
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€



-60%

CO₂

-4.44 t/year

SRT

Xtreme Performance

Overcome specific project challenges. For the most demanding tasks, the best possible performance, durability with warranty time at the highest level.



201 lm/W	4000- 22000 lm	L90 B10 100.000h	-20°C +50°C Ta	DALI 2		10
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€



-65%

CO₂

-4.76 t/year

Quick & toolless

The integrated lever connector enables a quick, tool-free connection of further mounting rails. Visual control, an acoustic signal and toolless disassembly ensure easy handling. Making your next light run projects even easier!



Visual:

The lever clearly indicates whether it is properly contacted.



Haptic:

The lever is positioned correctly when it is flush.

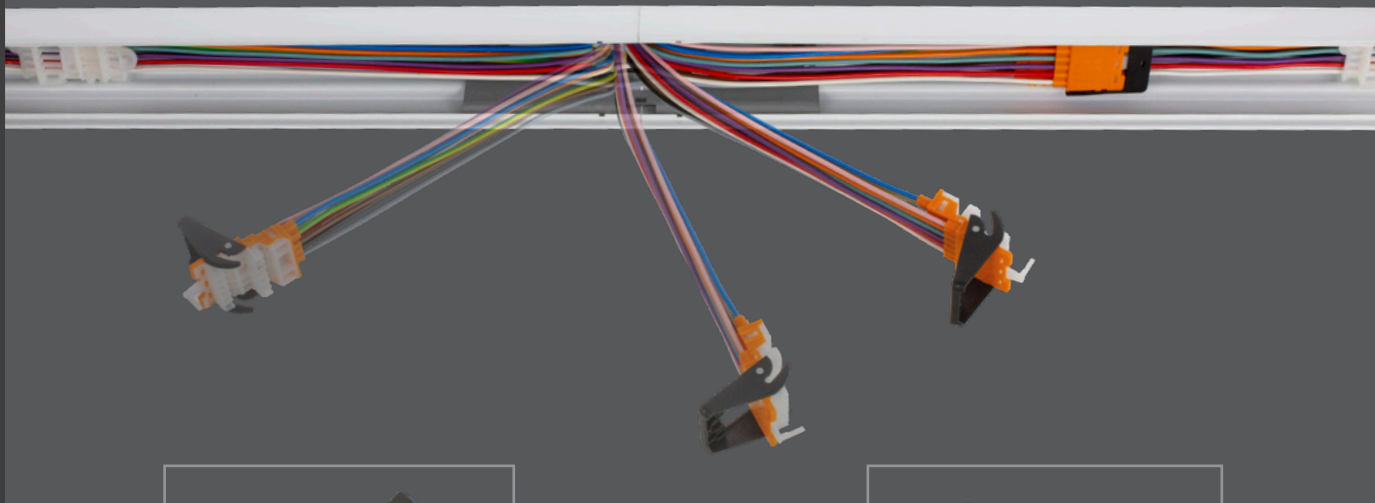


Acoustic:

An audible “click” signals that the lever has engaged.

Electrical connection with integrated lever connector:

Installation in no time - simply unfold, snap in and put into operation immediately!



11
pole

- 5 x 2.5 and 6 x 1.5 mm²
- 3 freely selectable phases
- 2 DALI control cables
- 4 cables for 2 independent emergency light supplies



7
pole

- 7 x 2.5 mm²
- 3 freely selectable phases
- 2 cables for DALI or emergency light

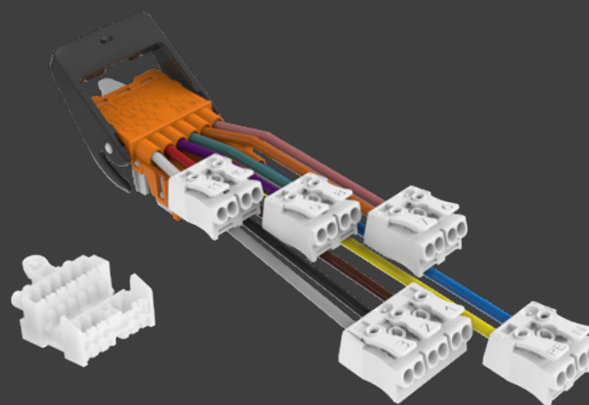
Wiring concept – maximum flexibility or economic efficiency

The increased number of current taps guarantees the right light in any place and creates more flexibility when function modules are used.

	Distance between current taps	Gear tray modules
FLEXIBLE	767.5 mm	/750, /1500, /2250
ECONOMICAL	2302.5 mm	/2250
INDIVIDUAL	Customer-specific	

Universal mounting rail for all protection categories IP20-IP64

- **100% variable:** free positioning of the light modules over the entire length of the light run
- **11 single conductors** for crosslinking and emergency light, **halogen-free** (BTO)
- **Selectable current taps** – maximum flexibility -750, economical -2250 or customised
- **NEW** The SRT mounting rail can be shortened if the construction conditions require it (IP 20)
- **GreenPac large packaging** saves time, costs and protects the environment



Power feed with feed adapter

NEW

New infeed, centre and outfeed options

 PDF



Advanced light technologies



SDT SRT

INDIVIDUAL.LENS.OPTIC

SD(R)GO ... module /1500

- Maximum flexibility with 8 application-optimised optics
- UGR<19, omnidirectional glare reduction
- Luminous flux up to 12,000 lm, up to 176 lm/W
- Suitable for ambient temperatures of -20°C to +45 °C
- Continuous optics, uniform LED spacing with perfect binning
- Certified sports facility gear tray
- **NEW:** Multi-lumen version up to 12,000 lm, continuous for all lumen packages in fixed and variable version
- **NEW:** Renovation mounting rail SDGEO. for existing SMT and SPT systems



Now in new designs!

SDT SRT

NEW

4-in-1 solution – flexible with multi-lumen driver

React faster with 4-stage adjustable luminous fluxes.



Fast

- adjustable via dip switch
- Can be used flexibly
- high availability



Simple

- more freedom of planning
- optimised warehousing
- simplified stocktaking



Effective

- Cost neutral (at ET)
- Energy saving
- high reliability





SDT SRT

DIFFUSERS

SD(R)G ... module /1500

- Homogeneous light scattering and indirect component
- Luminous flux up to 11,000 lm, up to 191 lm/W
- Suitable for ambient temperatures of 10°C to +45 °C
- **.LK:** Opal optics make LED points less visible
- **.LP:** Prismatic optics, radiating deep and wide – perfected for hand bearings
- **.BG:** Frosted diffuser – continuous line of light in fluorescent lamp design
- **Coming soon:** Renovation mounting rail SDGEBG and SRGBG



SRT



SDT



.BG

Coming soon:
Renovation mounting rail
SDGEBG and SRGBG

CENTRAL.LINE.OPTIC

SDGC ... Module /1500 to 14,000lm

SRGC ... Module /1500 to 14,000lm, module/2250 to 22,000lm

- **NEW:** Extended scopes of applications, including for SDT
- Make your linear design flawlessly continuous
- Minimise costs with reliable durability
- Potential for a wide range of applications
- Powerful with maximum efficiency and lumen packages
- **NEW:** Multi-lumen versions up to 14,000lm, continuous for all lumen packages in fixed and variable versions
- **NEW:** Three performance levels in the SRT system



SDT SRT

Light technology for today and tomorrow

Central.Line.Optic offers significant advantages over conventional light technology, especially in the areas of efficiency, service life, glare reduction and flexibility. The possibility of reducing the number of luminaires without exceeding the UGR standards represents both an economic and a practical improvement.

NEW

SDT SRT

CENTRAL.LINE.OPTIC EXTRA NARROW .CXT



- Best in glare reduction – UGR ≤ 22 also at 22,000 lm
- Excellent and even light quality
- Long service life up to 100,000 h L90/B10, up to 10 years warranty
- Reduces light points, saves costs, meets glare requirements with maximum lumen packages
- Ideal for installation heights over 10 meters
- Applications: Storage and logistics areas from $-20\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$, high-bay warehouses, cold stores for food storage (IFS)



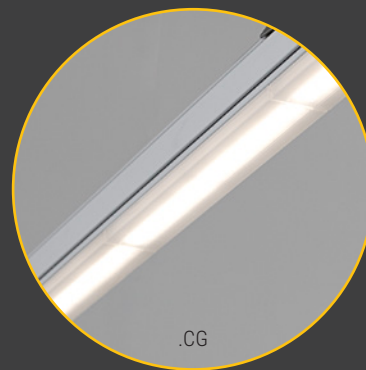


NEW

SDT SRT

CENTRAL.LINE.OPTIC FROSTED .CG






















- Frosted optics with internal scattering structure for pleasant spatial effect
- Indirect lighting by homogeneous lateral edge brightening
- Reduced visibility of LED points
- Diffuse light effect with protection against dust and splash water (IP64)
- Suitable for mounting heights of 3-5 meters
- Perfect for workshops, production and storage halls, sales rooms



Versatile light technologies

 PDF



	Lens optics					
Code	... XB	... B	... TB	... T	... XT	... H
Light control	extremely wide	wide	narrow/wide	narrow	extra narrow	extremely narrow
Light distribution						
Installation height	2.5–5 m	3–5 m	3–12 m	6–12 m	>10 m	>10 m
Central.Line.Optic <i>Now also for SDT!</i>						
NEW		SD(R)GCB	SD(R)GCTB	SD(R)GCT	SD(R)GCXT	NEW
Beam angle C0/C90		95°/95°	80°/75°	25°/100°	25°/55°	
Individual.Lens.Optic						
	SD(R)GOXB	SD(R)GOB  SDGMOB 	SD(R)GOTB  SDGMOTB 	SD(R)GOT		SD(R)GOH
Beam angle C0/C90	105°/105°	95°/95°	80°/80°	40°/85°		30°/30°
Diffuser						
Beam angle C0/C90						
Application						



Central.Line.Optic

Individual.Lens.Optic











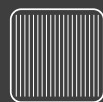













Diffuser

Prismatic diffuser

BG diffuser

Type designations

System	Gear tray
SDT	SDG..
SDT-Match	SDGM..
SRT	SRG..

Lens optics			Diffuser optics			
... A	... DA	... G	... LK	... LP	... BG	SDG
asymmetrical	double asymmetrical	frosted	opal	prismatic	frosted	frosted
						
3–4 m	3–4 m	3–5 m	2.5–5 m			
		 SD(R)GCG 105°/110°	<div style="background-color: yellow; display: inline-block; padding: 2px 5px;">NEW</div>			
 SD(R)GOA 20°	 SD(R)GODA 70°/90°	 SD(R)GOG 115°/110°				
			 SD(R)GLK 130°/110°	 SRGLP 45°/100°	 SDGBG 110°/125°	 SDG 115°/105°
   	   			 		

Green Pac



- ✓ Practical packaging system, fewer steps
- ✓ Saves time and money: less unpacking, immediate installation
- ✓ Protects the environment: less packaging, less to dispose of

Save twice as much!

- » up to 15% time savings
- » up to 50% less packaging



Gear tray



The more sustainable alternative – environmentally conscious. sustainable. fast.

Packaging plays a crucial role in protecting our environment and the climate. They help to reduce waste, conserve resources and protect the environment. Sustainable packaging concepts fulfil the same tasks as conventional packaging: they ensure the safe and clean transport of products.

With the GreenPac concept, we make this possible in a particularly efficient way. For sufficient order quantities, we deliver your order on request so it is optimised in terms of packaging. In addition, the GreenPac scores with the additional advantage of fast and easier handling in installation.



If anything remains...

Interzero Circular Solutions Germany GmbH handles the return and recycling of packaging material for Regiolux. The Interzero manufacturer number is 80019.

Our goal: An environmentally friendly optimisation of delivery logistics and their processes. As much as necessary, as little as possible.

Note: GreenPac packaging is provided with dust, moisture and stability protection (stretch film) for the transport route. Small quantities are delivered in conventional individual packaging and assembly accessories in practical collective packaging.



System	SDT/ SDT-Match Universal lighting solution	SRT Flexible, tailor-made and 100% variable Wide range of flexible solutions
Efficiency	up to 178 lm/W	EP up to 178 lm/W PP up to 193 lm/W XP up to 201 lm/W
Luminous flux	4,000–14,000 lm	4,000–22,000 lm
Light colour	840	840, 830, 865, Ra> 90 (spotlight)
Housing colour	white	white, silver, black
Service life	50.000h L80/B10, tq -20° to 45°C	EP 50.000h L80/B10, tq -20° to 45°C PP 75.000h L80/B10, tq -20° to 45°C XP 100.000h L90/B10, tq -20° to 50°C
Ambient temperature	-20° to 45°C	-20° to 50°C
Warranty	5 years	EP 5 years PP 7 years XP 10 years
Optics	5 Central.Line.Optic: 1-row 8 Individual.Lens.Optic: 3-row 3 diffusers: opal, frosted	5 Central.Line.Optic: 1-row 8 Individual.Lens.Optic: 3-row 3 diffusers: opal, frosted, prismatic
Module length	Module /1500–1535 mm	Module/750–767,5 mm Module/1500–1535 mm Module/2250–2302,5 mm
Gear tray design	fixed in IP20/IP64, variable in IP20	fixed and 100% variable in IP20 and IP64
Mounting rail / wiring	5 -, 7-pole, flat-ribbon cabling	7-pole, 11-pole, single conductor, halogen-free, can be shortened
Current tap in modular spacing	/1500 universal: 3 at 4.6 m	/750 flexible: 6 to 4.6 m /2250 economical: 2 to 4.6 m
Protection type	IP20 / IP40 / IP54 / IP64	IP20 / IP40 / IP54 / IP64
Other features/ function modules	Light management, emergency light, 3-phase track insert, SMT/SPT renovation mounting rail, function module for individual sports facility lights	Light management, emergency light, safety luminaire, 3-phase track insert, spotlights, installation gear tray for alevo
Installation/ suspension distances	Surface mounting/suspension mounting, 2.5–4.5 m	Surface mounting/suspension mounting, 2.5–4.5 m

* Suspension mounting, 7 years surface-mounted installation
Please note the type-specific information.
The BTO "build-to-order" concept makes non-standard solutions possible.

5.....ahmadzada – Freepik.com
12-13.....Daniel Stauch Photography
18-19.....Zooney Braun Fotografie
26-27.....Inga Paas, Köln DE



Regiolux @ Social Media



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