

REGIOLUX

**LIGHT FOR
SPORTS FACILITIES**



WITH THE RIGHT MATCH PLAN FOR SUCCESS!

The key to success is our commitment to bring your ideas to life and to bring your project to a sustainable success.

You can rely on our solution competence. It results from decades of work with challenges from a wide variety of projects. It is always an individual approach that leads to successful implementation.

We produce accurate results. Whether it's setting up new systems, upgrading, reworking, upgrading, providing special solutions or implementing exchange kits, we offer a wide range of concepts.



Let's start together as a strong team!



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GAME SYSTEMS – FINDING THE MOST FLEXIBLE TACTICS

Strategy is a key factor in the success of a system. The individual requirements of a project need to be weighed up in order to take the right path. This is why, for our lighting systems, we have all installation and connection variants to choose from so you can optimally utilise the advantages of the systems. From this, a load-bearing concept based on an individual luminaire, light run, rail system or luminaires on mounting rails can be developed. Together we will find the successful strategy!

EVERYTHING FROM A SINGLE SOURCE

Because complexity needs oversight

Our trust guarantee is based on our project competence. With a goal-oriented planning process and individual light planning, we optimally implement your needs. A permanent contact person is at your disposal for any questions. We accompany you from concept to acceptance and beyond. With clear project structures, we ensure cost security and transparency at every stage of the project. In the case of refurbishment, we support you with questions concerning the promotion and financing of lighting systems. Your ideas are our benchmark.

Which solution is the best for you?

We will find it together and implement it perfectly.

Actual state analysis

- » Stock-check
- » Coordination with project partners
- » Detailed planning
- » Determination of the investment volume
- » Light and light management
- » Emergency lighting
- » IoT
- » Budget-compliant planning
- » Provision of relevant parameters for ROI

Project expertise

- » Precise lighting solution
- » Products Made in Germany
- » Coordinated product selection
- » Product modifications
- » Optimisation of efficiency gain
- » Detailed planning for light and light management, emergency lighting, IoT
- » Comfort-enhanced solutions
- » Flexibility in the project set
- » Project tracking



Implementation



- » Targeted implementation
- » VDE-certified, in-house TDAP test laboratory
- » Assistance with the coordination of project implementation
- » Logistics management
- » Solution of detailed questions
- » Technical services

Financing models

- » Advice and support in funding issues
- » Your partner – including for financing models
- » Other forms of settlement on request

REFURBISHING WITH KNOW-HOW

Planning, testing and coordinating is always that little bit easier with a experienced project partner by your side. Round off your refurbishment off with Regiolux. The fast way to a new light solution: our services for your lighting update.

BENEFITS FROM NEW LIGHTING

Refurbishment plays a crucial role in the further development of sports facilities and can bring far-reaching improvements. By implementing energy-efficient technologies, they make a significant contribution to establishing state-of-the-art standards.

Quick and simple

Compatible, high-performance products in 1:1 replacement – the fast track to perfect lighting.

Proven quality

No compromises on quality and light – for fast profitability and long service intervals.



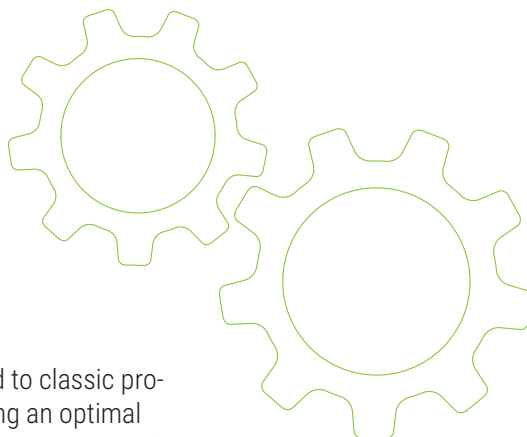
Sustainable savings

Utilise potential savings and comply with EU CO₂ and RoHS regulations – safe for the world of tomorrow.

Convenient and efficient

A control system which is tailored to needs for efficient, bespoke light. Save money with modern comfort included.

REFURBISHMENT



Our project management service is not limited to classic project execution. It also supports you in designing an optimal use of capital resources. This is how innovative projects with a high degree of complexity succeed, as well as projects that go beyond the ordinary.

Project management

Comprehensive project solutions

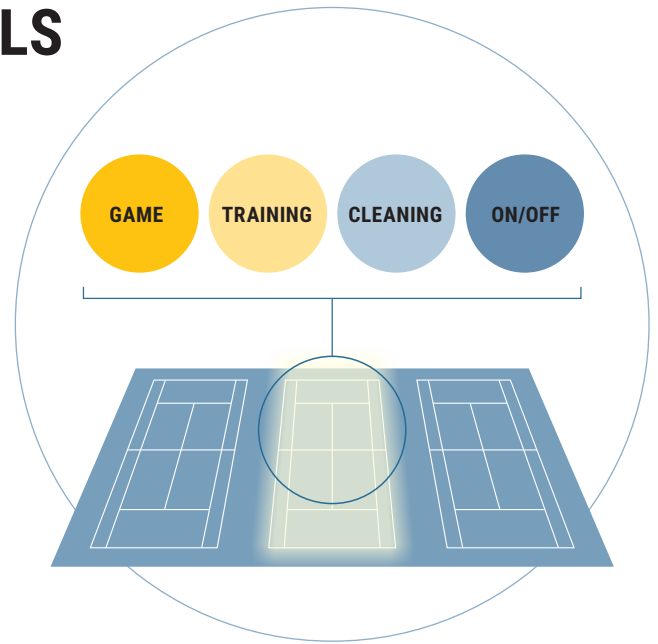
- ✓ Stock-check
- ✓ Lighting consulting, planning & calculation
- ✓ Amortisation calculation
- ✓ Implementation planning
- ✓ Construction supervision
- ✓ Installation
- ✓ Commissioning
- ✓ Acceptance
- ✓ After-sales services



www.regiolux.de/en/Service/Expertise

LIGHTING FOR SPORTS HALLS

Players need good light to ensure a top performance and spectators need it to really enjoy sports. Luminaires designed for sports halls and gymnastics rooms achieve very high lighting performance even at high installation heights. Powerful LED technology coupled with modern light management are ideal prerequisites for operating them particularly energy-efficiently. Depending on the requirements for the operation of sports halls, which are also often used as multi-purpose halls, Regiolux develops tailor-made light management solutions or uses prefabricated systems.



Standards and requirements of associations

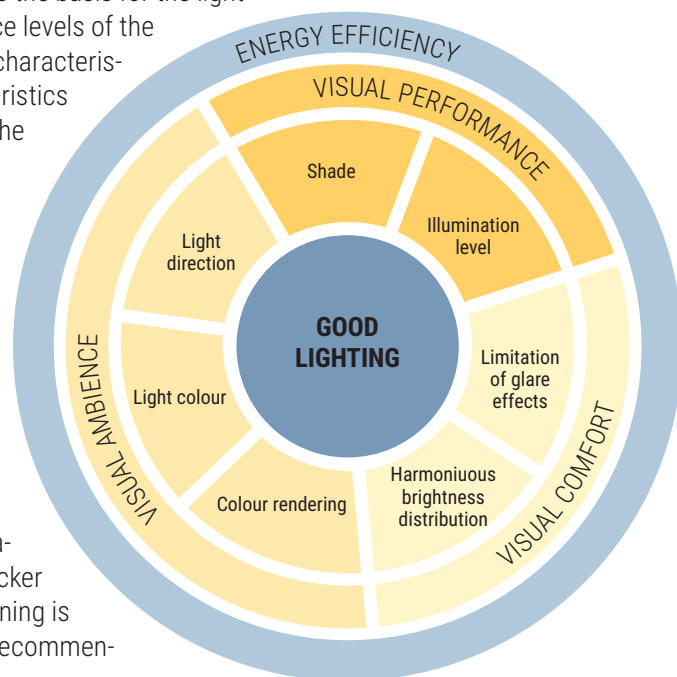
Sports	Lighting class	Horizontal luminance	Homogeneity
Basketball, football handball, volleyball judo, karate, wrestling	I	750	0,7
	II	500	0,7
	III	200	0,5
Badminton ice hockey, hockey squash, table tennis	I	750	0,7
	II	500	0,7
	III	300	0,7
Tennis	I	750	0,7
	II	500	0,7
	III	300	0,5
Athletics gymnastics	I	500	0,7
	II	300	0,6
	III	200	0,5

LIGHTING REQUIREMENTS

The European standard DIN EN 12193 "Sports facility lighting" forms the basis for the lighting of sports facilities. It specifies minimum values for the luminance levels of the most frequently practised sports. In addition, other lighting quality characteristics, e.g. homogeneity, limitation of glare effects and color characteristics of the light sources. In order to meet the different requirements of the individual sports, DIN EN 12193 assigns the lighting criteria to three different lighting classes. With a higher level of competition as well as with greater viewing distances of the viewers, the requirements on the lighting level increase.

TV and streaming

Lighting at predominantly horizontal levels is not sufficient for TV broadcasts. Additional vertical portions of light with higher luminance and homogeneity requirements are required. Vertical light incidence allows the recognition of athletes' faces and is also dependent on the speed of the sport, shooting distance, shooting angle and shutter speed of the camera to choose. The supplementary lighting shall avoid glare for athletes, judges and spectators or flicker phenomena. Up to 2000 lux vertically is required. The basis for planning is again EN 12193 "Sports facility lighting" and, if necessary, specific recommendations from umbrella organisations.



DIN EN 12193

Lighting class



- » **High-performance competitions:** international and national competitions, generally associated with high audience figures and long viewing distances
- » High-performance training

Lighting class



- » **Medium-level competitions:** international and national competitions, generally associated with medium audience figures and average viewing distances
- » Performance training

Lighting class

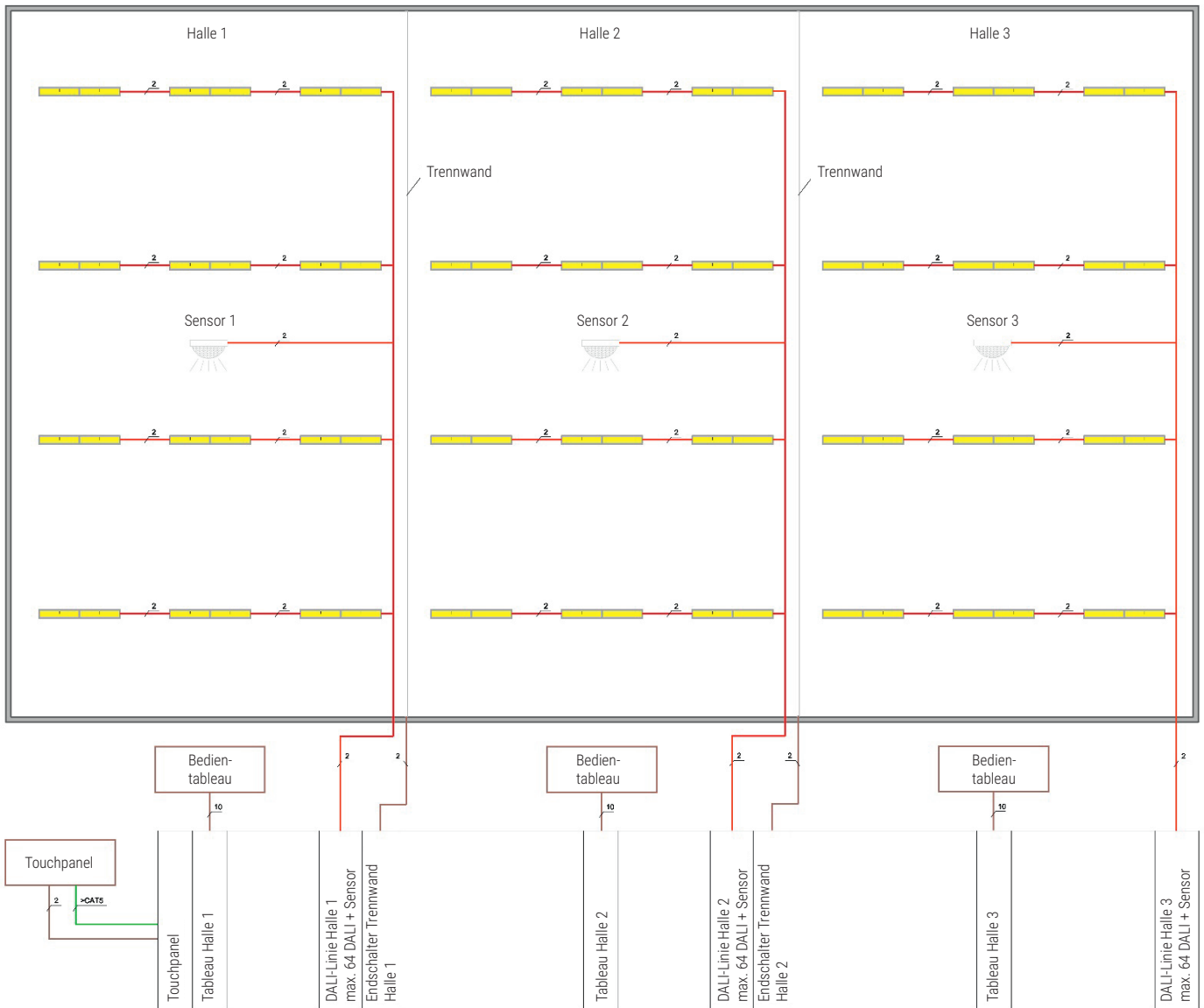


- » **Simple competitions:** local or small club competitions, generally without audience participation
- » General training
- » School sport
- » Leisure sport

SPORTS HALL CONTROL

Players need good light to ensure a top performance and spectators need it to really enjoy sports. Luminaires designed for sports halls and gymnastics rooms achieve very high lighting performance even at high installation heights. Powerful LED technology coupled with modern light management are ideal prerequisites for operating them particularly

energy-efficiently. Depending on the requirements for the operation of sports halls, which are also often used as multi-purpose halls, Regiolux develops tailor-made light management solutions or uses prefabricated systems.



Regiolux Sporthallensteuerung pro53



Requirements for three-field sports hall:

- » Daylight-dependent control unit per hall part with 3 set lighting values each
- » Motion detection in general hall/single hall operation
- » Conversion to two-field hall or total hall operation via partition switch
- » Operation via single tables, tablets and touch panels
- » Manual control can be used to override automatic system
- » DALI signal for activation of the luminaires

Regiolux sports hall control solution

- » Pre-wired ready for connection in the enclosure
- » 1 sensor per hall section for light and motion detection; with wire protective cage
- » Processing of the hall partition wall open/close signals in the control system
- » Fully automatic operation of the individual hall zones
- » Individual hall zones or the entire hall can be operated from control points provided on site
- » Operation via touch panel: individual hall parts/entire hall
- » Automatic override
- » Settings of the basic values, such as set values, run-on times etc.
- » 3 DALI lines for the activation of a max. of 64 DALI controllers each per hall zone

Our services

- » Planning and consulting
- » On-site commissioning
- » Creation of documentation
- » On-site services (at cost)

Scope of *netlife pro* systems in light management

- » Programmable systems
- » Project planning support by Regiolux
- » More complex installation
- » Free functions and multiple settings
- » Visualisation
- » Programming and commissioning
- » Interconnectivity and radio solutions
- » IoT and cloud-capable



Regiolux sports hall control planning options

- » Grandstand lighting
- » Extension of the connected operating devices



Application manual for sports halls





LUMINAIRES FOR SPORTS FACILITIES

ballea p. 17

Experience all kinds of sport with glare-free light

sportler p. 29

A winner full of power


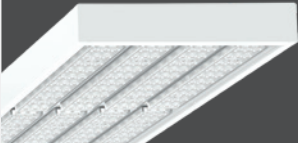
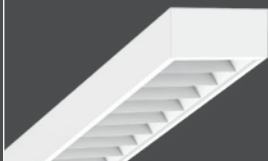

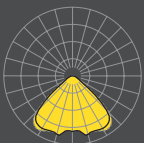






THL p. 39

The top athlete among luminaires –
even in installation situations

SDT-Match p. 47

Powerful line lighting

LUMINAIRES FOR SPORTS FACILITIES

Families	ballea	sportler	THL
			
Lighting technology	Microprismatic diffuser	Individual.Lens.Optic	White louvre
Light distribution	Direct narrow/wide	Direct wide Direct narrow/wide	Direct wide
Luminous intensity distribution curve			
Protection type	IP 40	IP 40	IP 20
Certification mark			
Ceiling system			
Luminaire luminous flux [lm]	5300-28900	10500-29200	4900-14600
Light colour	827-865 840 940	840	840
Features			
Optional	netlife ready	netlife ready	netlife ready

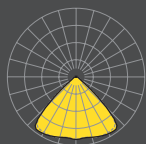
Detailed and current data can be found @ www.regiolux.de/en

SDT-Match



Individual.Lens.Optic/3-row

Direct wide
Direct narrow/wide



IP 20



5000-15000

840

Emergency lighting

netlife ready





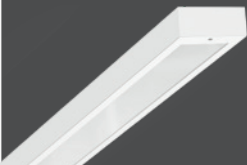











ballea

Experience glare-free light

The ballea offers glare-free lighting with innovative multi-layer lighting technology, ideal for overhead sports such as volleyball, basketball, handball, tennis, badminton and gymnastics. With netlife Bluetooth control and versatile mounting accessories, it is an ideal solution for perfect lighting and performance in any situation.

ballea

Type	ballea-BAM/2	ballea-BAM/3
		
Lighting technology	Microprismatic diffuser	Microprismatic diffuser
Light distribution	Direct narrow/wide beam distribution	Direct narrow/wide beam distribution
Luminous intensity distribution curve		
Certification mark	 UGR ≤ 19 IP 40	 UGR ≤ 20 IP 40
Impact resistance (IK rating)	IK10 (-20°C bis 35°C)	IK10 (-20°C bis 35°C)
Min. ambient temperature	-20 °C	-20 °C
Max. ambient temperature	35 °C	35 °C
Type of installation	Single surface-mounted Single ceiling installation Single suspension Suspension light run Mounting rails	Single surface-mounted Single ceiling installation Single suspension Suspension light run Mounting rails
Installation depth	 Et120	 Et120
Cut-out dimensions	210 x 1573	350 x 1573
LxBxH/DxH	1563 x 200 x 70	1563 x 340 x 70
Luminaire luminous flux	5300-14100	13700-28900
Light colour	827-865 840	827-865 840, 940
Luminaire efficiency [lm/W]	122-157	122-157
LED service life	100000h L80/B10 (Tq 35°C) 50000h L90/B50 (Tq 35°C)	100000h L80/B10 (Tq 35°C) 50000h L90/B50 (Tq 35°C)
Control gears	DALI2, DALI DT8 ED, DALI flex10L	DALI2, DALI DT8 ED, DALI flex10L
Features		

Detailed and current data can be found @ www.regiolux.de/en



ballea

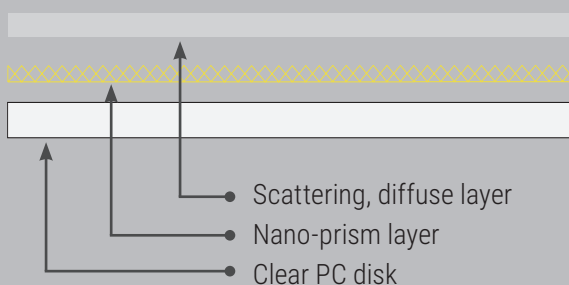


Highlights

- » Experience all kinds of sport with glare-free light
- » All-rounder from recessed installation to suspension from a gable roof
- » Simple refurbishment or new installation – including light control
- » Efficient power – CO₂ savings with up to 157 lm/W
- » Long service life and guarantee
- » Optimised light technology creates a homogeneous illuminated area
- » Safe special solution Made in Germany: refurbishment mounting frame, modifiable, suitable for ball throwing, flexible in all common ceiling cut-out situations: 1573 x 210–625 mm, 1573 x 350–625 mm

NEW!

Lighting technology: multilayer technology



www.regiolux.de/en/ballea



— — —
 Made in Germany

& more



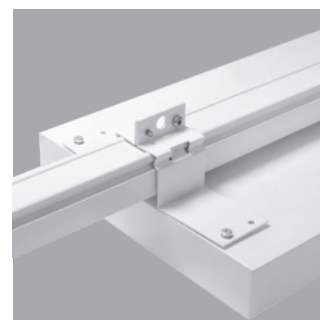
Refurbishment installation frame, modifiable, suitable for ball throwing



Luminaire connector set for light run installation



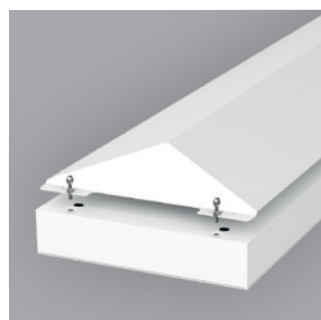
Suspension set for suspended mounting with chain eyelets or chain hooks



Installation with a mounting rail with mounting bracket



Installation frame for cut-out ceilings



Roof hood as dust protection and ball deflector



Surface mounting kit for ceiling installation



Electrical connection to SDT mounting rail with SDGU function module



Project ballea

Adam-Friedrich-Oeser-Schule sports hall
Leipzig, Germany



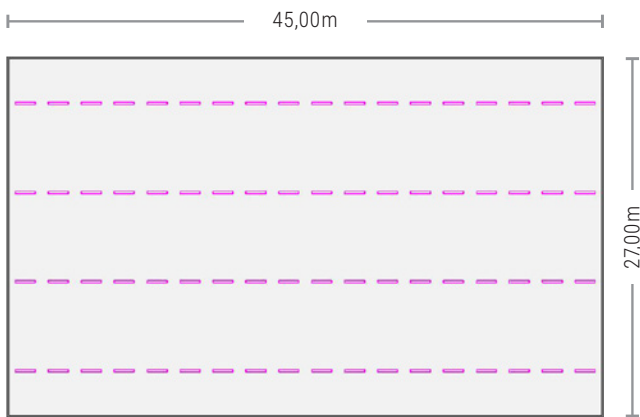
REFURBISHMENT PLANNING: DREIFELD SPORTS HALL

Task:

Mounting height: 7 m
 Dimensions (L x W): 27 x 45 m
 Luminance: 500 lux

Lighting solution:

ballea BAM/2
 IP40 LED 10600 840
 vw RAL 9016
 DALI 2



Sports hall:
 1215 m², 500 lux, 3750 h/a

Overview of lighting systems

	Existing luminaires	New system
	THLA	ballea
Lighting system	3 x 58 ECG	2 LED 10600 ED
Number of luminaires	72	72
Luminant type	T8 (58 W)	LED
Connected load of luminaire (W)	165	76
Ballast	Conventional ballast	DALI2
Luminant lifetime (h)	11,000	50,000
Power consumption (W)	11,880	5465
CO ₂ emission/year (t)	25.04	11.52
CO ₂ savings/year (t)		13.52
CO ₂ savings %		54

Existing system: THLA T8

New system: ballea/2 DALI LED

Energy savings per hall*

54%

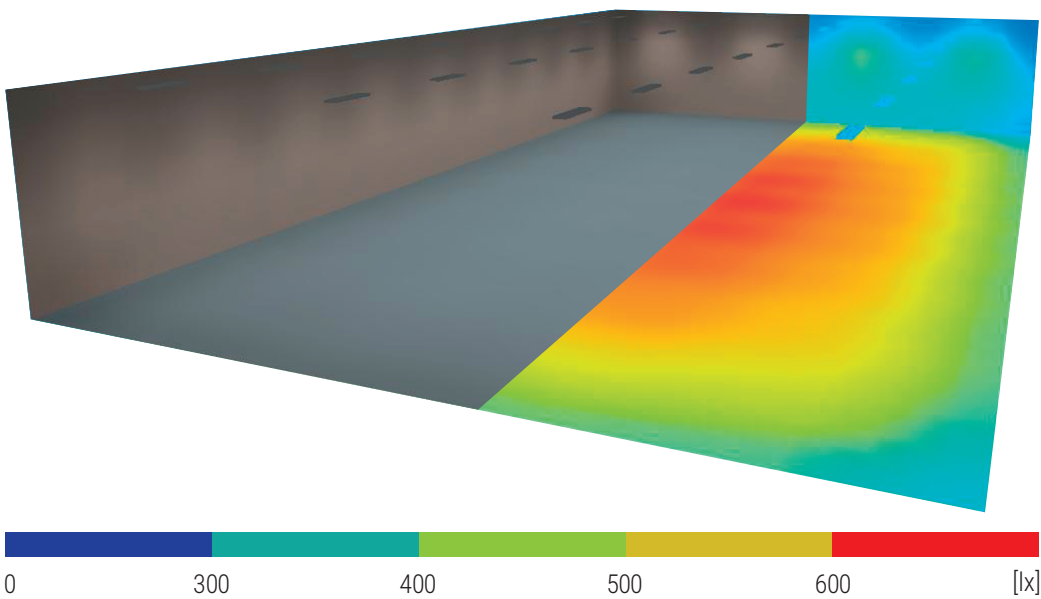
*Additional potential savings with netlife light management: approx. 20%

Reduction of CO₂ emissions

13.52 t/year (per hall)



Planning results: distribution of luminance





NETLIFE LIGHT CONTROL

ballea flex10L – that's what control can do.

The ballea flex10L versions are more than just lighting. With integrated Casambi-compatible modules, the ballea flex10L reacts reliably to what is happening in its environment and brings additional efficiency gains as well as convenience. At the same time, all Regiolux luminaires in flex10 design can be controlled in the building.



- » Motion detection
- » Orientation light function
- » Daylight control
- » Timer
- » Dim
- » Scenes
- » Switching



Flexible in the “coaching zone”

- ✓ **Refurbishment** Simple light control without additional installation effort, without gateway or construction work
- ✓ **Expansion** Configure single luminaires easily and conveniently via Bluetooth Mesh and app and set up a network
- ✓ **Conversion** Refurbishment, expansion and upgrading or conversion can be carried out with a great deal of flexibility and tailored to needs

Light control – what I need:

Configuration apps



ballea flex10L luminaires



Options

Sensors



Pushbutton



Button coupler





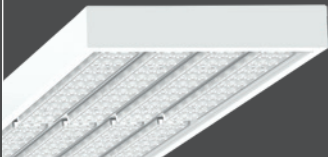
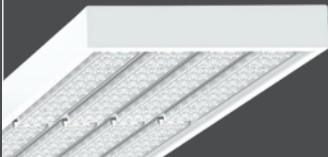

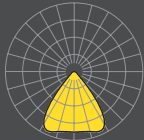




sportler

A winner full of power

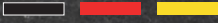
This first-class, ball impact-tested indoor panel lamp features highly efficient, glare-free lighting technology and is available in a variety of light distributions and power levels from 14,600 to 29,200 lumens to meet all your lighting requirements. In addition, it offers a wealth of flexible mounting options for maximum adaptability.

sportler

Type	sportler-SOHB	sportler-SOHTB
		
Lighting technology	Individual.Lens.Optic	Individual.Lens.Optic
Light distribution	Direct, wide distribution	Direct narrow/wide beam distribution
Luminous intensity distribution curve		
Beam angle	95 ° (C0) / 95 ° (C90)	80 ° (C0) / 80 ° (C90)
Certification mark	 UGR ≤ 22 IP 40	 UGR ≤ 19 IP 40
Impact resistance (IK rating)	IK03 (20°C to 35°C)	IK03 (20°C to 35°C)
Maximum ambient temperature	35 °C	35 °C
Type of installation	Single suspension Single surface-mounted Mounting rails	Single suspension Single surface-mounted Mounting rails
LxBxH/DxH	1013 x 340 x 59 1338 x 340 x 59 688 x 340 x 59	1013 x 340 x 59 1338 x 340 x 59 688 x 340 x 59
Luminaire luminous flux	10500–29100	14600–29200
Light colour	840	840
Luminaire efficiency [lm/W]	149–160	149
LED service life	50000h L80/B10	50000h L80/B10
Control gears	DALI2, ET	DALI2, ET
Housing colour	traffic white RAL 9016	traffic white RAL 9016

Detailed and current data can be found @ www.regiolux.de/en




Made in Germany



Highlights

- » Ball impact-tested indoor area luminaire in accordance with DIN EN 18032-3
- » Efficient and glare-free lighting technology with Individual.Lens.Optic
- » Further light characteristics are available
- » Output levels from 10,500 to 29,200 lumens at Ta 35°C
- » Versatile mounting options



Roof hood as dust protection and ball deflector



Electrical connection to SDT mounting rail with SDGU function module without connection cable



www.regiolux.de/en/sportler



Installation video

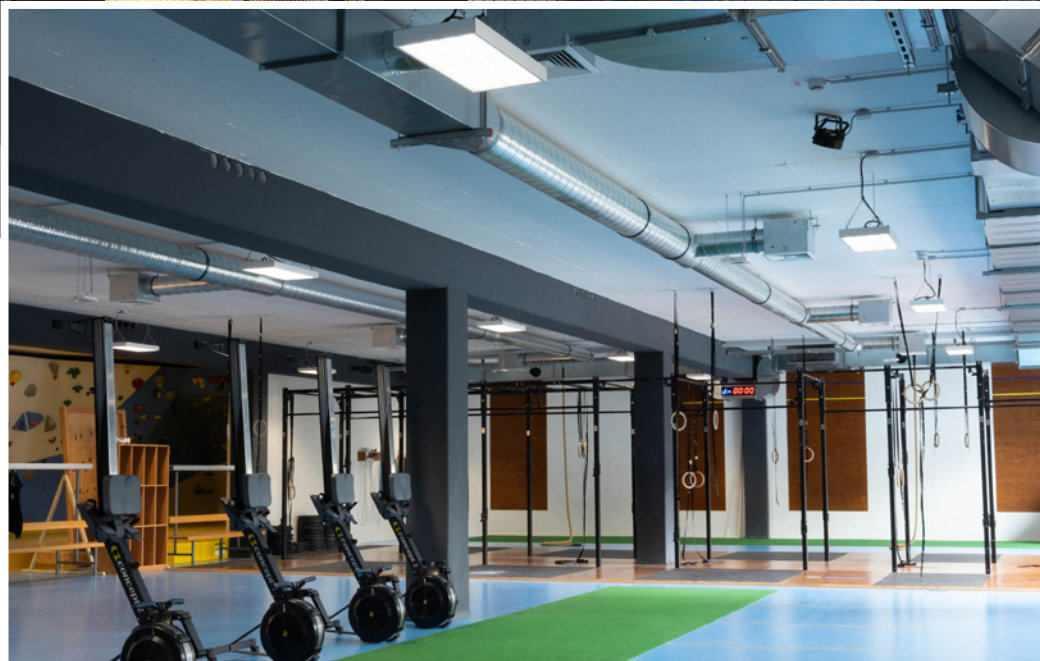


Project sportler
Schauenburghalle
Hoof, Germany





Project sportler
Sportforum TSV Schmiden
Schmiden, Germany



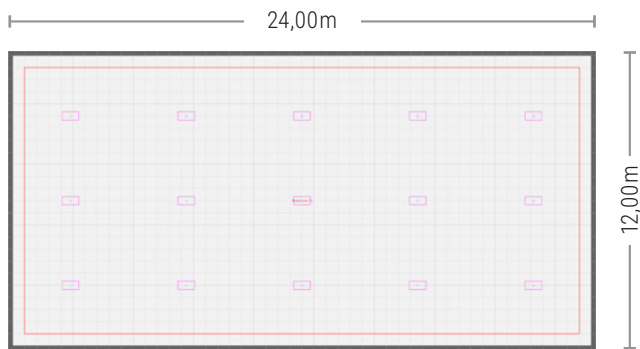
REFURBISHMENT: SPORTS HALL

Task:

Mounting height: 7 m
 Dimensions (L x W): 24 x 12 m
 Luminance: 500 lux
 Operating hours: 3750 h/a

Lighting solution:

sportler-SOHTB/0700
 IP40 LED 14600 840
 vw RAL 9016
 DALI2



Overview of lighting systems

	Existing luminaires	New system
	THLE	sportler
Lighting system	3x58 conventional ballast	SOHTB/0700
Number of luminaires	15	15
Luminant type	T8 (58W)	LED
Connected load of luminaire (W)	213	98
Ballast	Conventional ballast	DALI2
Luminant lifetime (h)	11000	50000
Power consumption (W)	3195	1470
CO ₂ emission/year (t)	6.73	3.10
CO ₂ savings/year (t)		3.63
CO ₂ savings %		54

New system: sportler **LED**

Energy savings per hall*

54%

*additional savings potential with netlife light management: approx. 20%

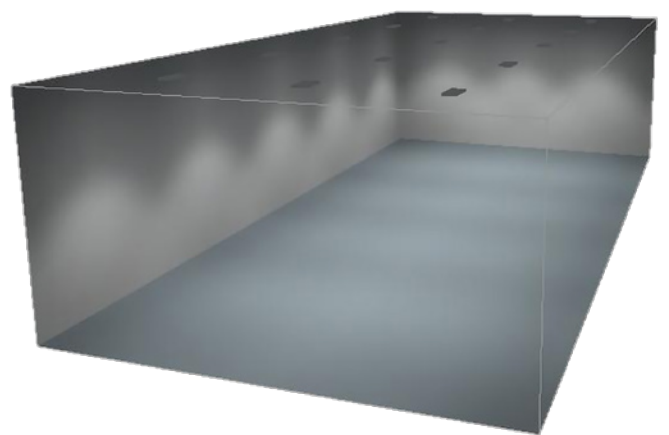
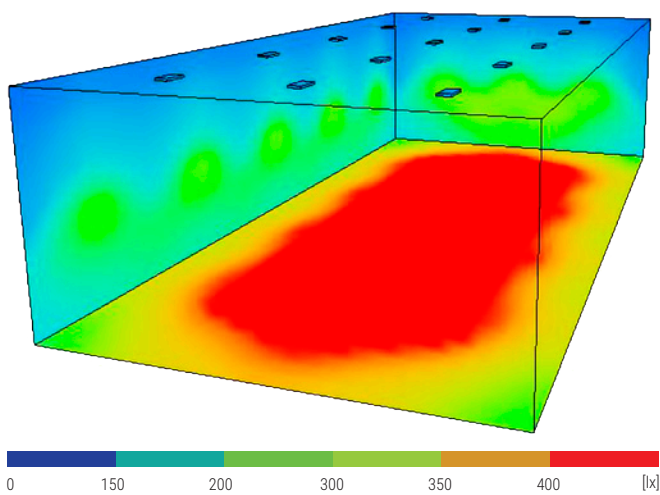
Reduction of CO₂ emissions



3.63 t/year



Planning results: distribution of luminance



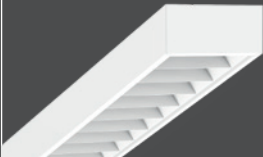
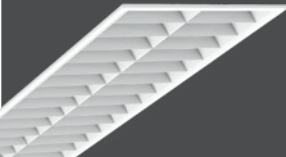









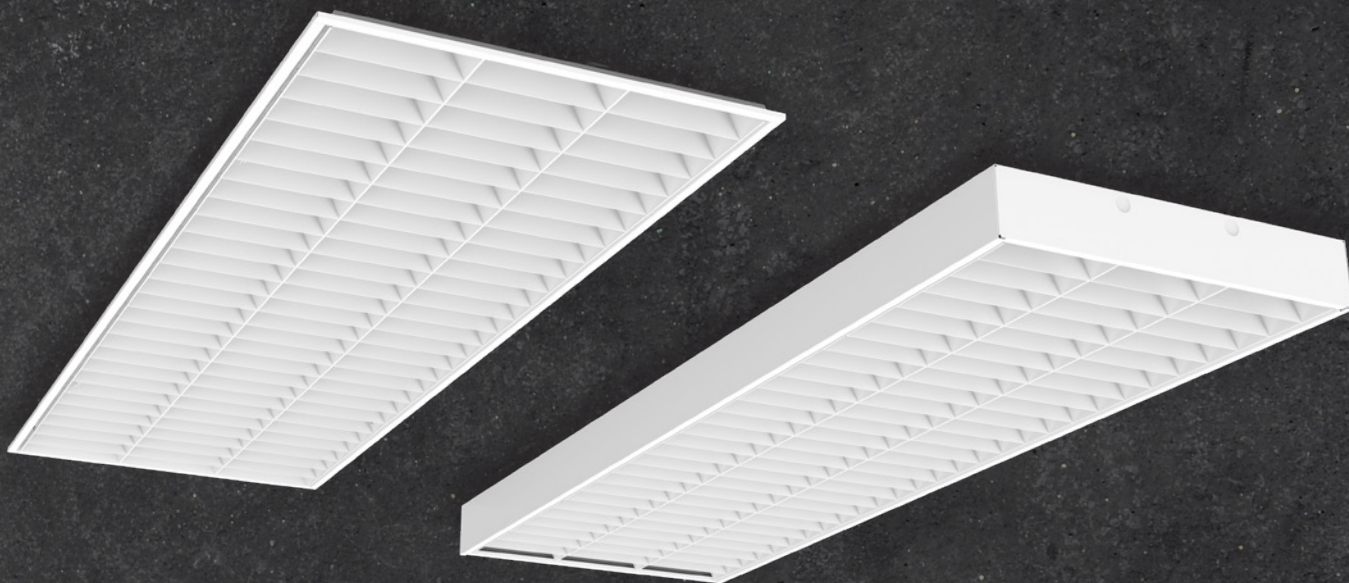
THL

The top athlete among luminaires

This reliable, ball impact-tested lamp for sports facilities features outstanding glare reduction and versatile mounting options, including surface-mounted installation, suspension installation and installation with a mounting rail in three-lamp versions. This creates a perfect lighting environment that meets the highest demands.

Type	THLA	THLE
		
Lighting technology	White louvre	White louvre
Light distribution	Direct, wide distribution	Direct, wide distribution
Luminous intensity distribution curve		
Beam angle	95°	(C0) / 75° (C90)
Certification mark	 UGR ≤ 19 IP 20	 UGR ≤ 19 IP 20
Impact resistance (IK rating)	IK03	IK03
Type of installation	Single surface-mounted Surface-mounted light run Single suspension Suspension light run Mounting rails	Single ceiling installation
Installation depth		 Et250
Cut-out dimensions		300 x 1535 x 1550 470 x 1535 x 1550
LxBxH/DxH	1548 x 184 x 90 1548 x 312 x 90 1548 x 484 x 90	1548 x 312 x 90 1548 x 484 x 90
Luminaire luminous flux	4900–14600	9700–14600
Light colour	840	840
Luminaire efficiency [lm/W]	128	128
LED service life	50000h L80/B10	50000h L80/B10
Control gears	DALI2, ET	DALI2, ET
Housing colour	traffic white RAL 9016	traffic white RAL 9016

Detailed and current data can be found @ www.regiolux.de/en




Made in Germany



Highlights

- » Stable louvre made of sheet steel, suitable for tennis
- » Three-lamp versions can be switched and dimmed separately (inside/outside)
- » Excellent glare reduction $UGR \leq 19$
- » Surface-mounted, suspension and mounting rail installation possible



www.regiolux.de/en/produktgroup/sports-hall-luminaires/single-luminaires-ballea-sportler-thla-e



Project THLA
Tennishalle KETV
Karlsruhe, Germany



Project THLE
Sporthalle SV Walsdorf
Walsdorf, Germany



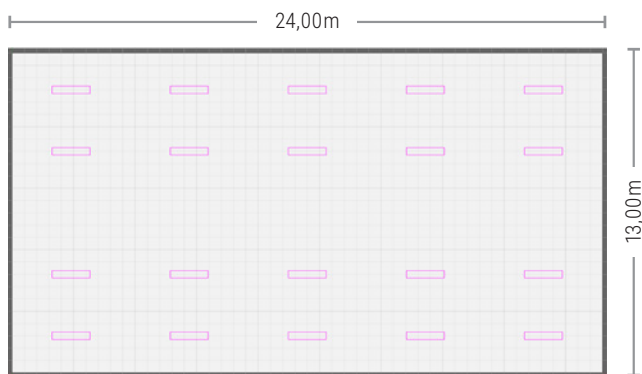
PLANNING: SCHOOL SPORTS HALL

Task:

Installation height: 7 m
 Dimensions (L x W): 24 x 13 m
 Luminance: 300 lux
 Operating hours: 3750 h/a

Lighting solution:

THLE/1500-2 LED 9700 840 • vw RAL 9016 • ET



Overview of lighting systems

	Existing luminaires	New system
	T12 luminaires	THLE LED
Lighting system	2 x 65 W conventional ballast	THLE/1500-2
Number of luminaires	20	20
Luminant type	T12 (65 W)	LED
Connected load of luminaire (W)	158	76
Ballast	Conventional ballast	ET
Luminant lifetime (h)	11000	50000
Power consumption (W)	3160	1520
CO ₂ emission/year (t)	6.66	3.20
CO ₂ savings/year (t)		3.46
CO ₂ savings %		52

New system: THLE LED

Energy savings per hall

52%

Reduction of CO₂ emissions

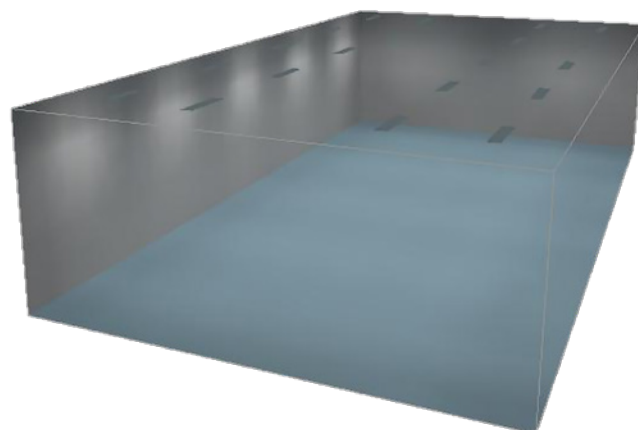
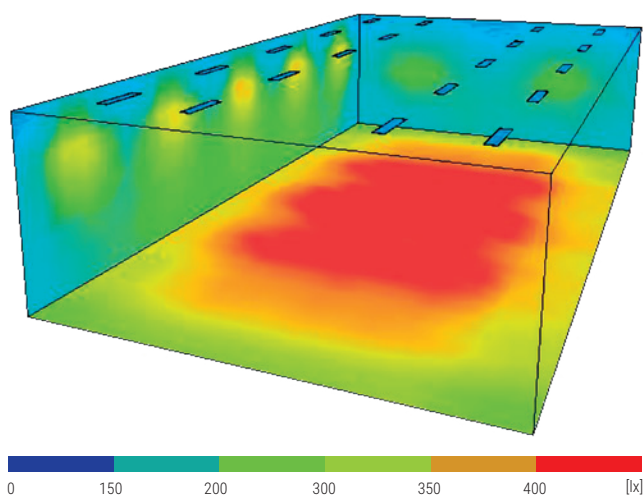
CO₂

3.46 t/year



Regiomontanus Grundschule Königsberg, gymnasium

Planning results: distribution of luminance







SDT-Match

Ball impact resistant quick fit mounting system

Our ball impact resistant quick fit mounting system meets the high demands on robustness and impact resistance that are required in ball sports halls and exercise spaces. The SDG-Match gear trays were tested in accordance with DIN 57 710 Part 13 and successfully passed strict tests with ball-firing devices. This economically advantageous solution is also easy to install.

SDT-Match

Fast in 3 steps

1 Accessories

SDT-ZA
Central suspension
Horizontal suspension
Mounting distance: 2.5 m

SDT-WA
Angled hanger
Sloping and rotated suspension
Mounting distance: 2.5 m

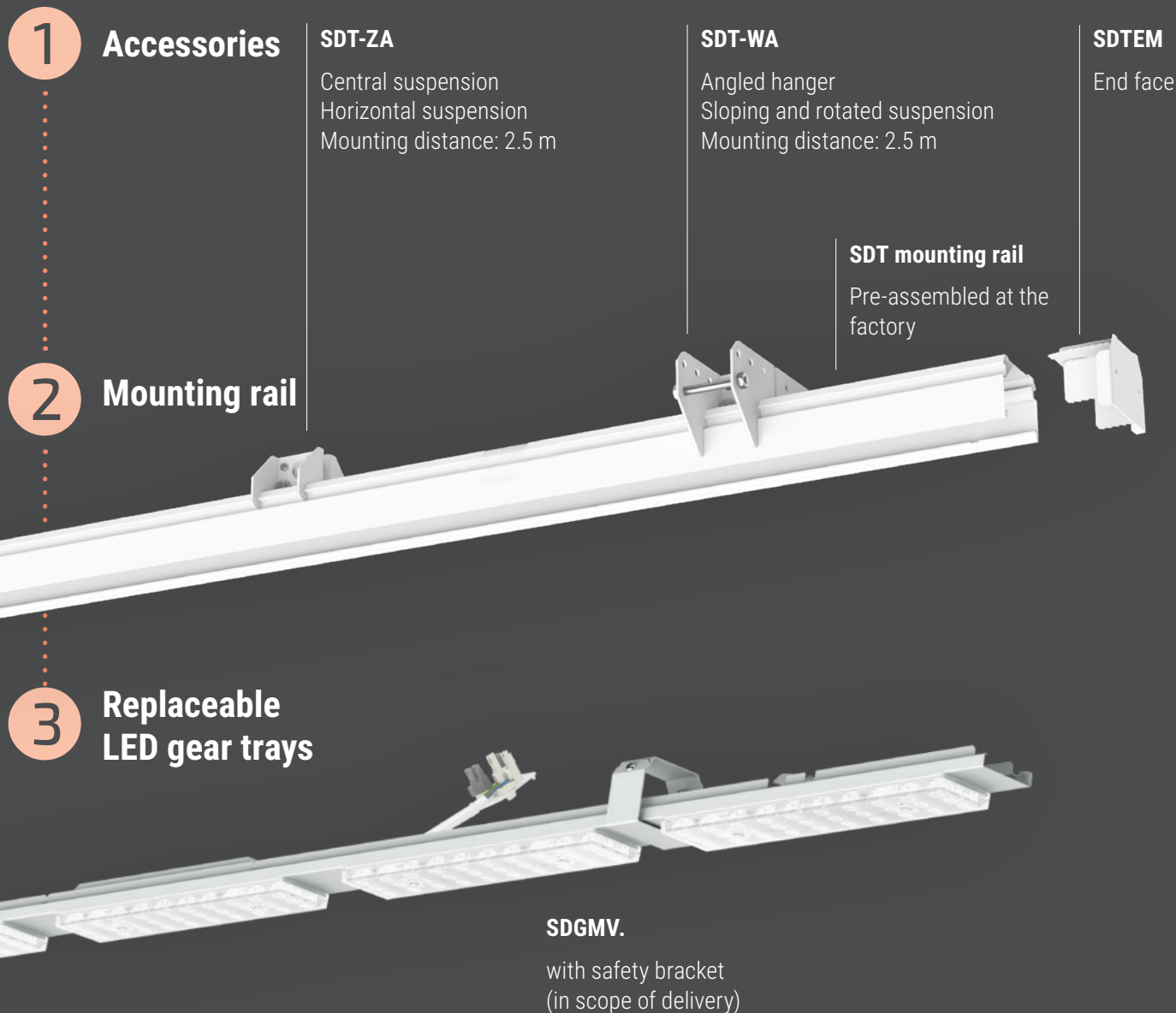
SDTEM
End face

SDT mounting rail
Pre-assembled at the factory

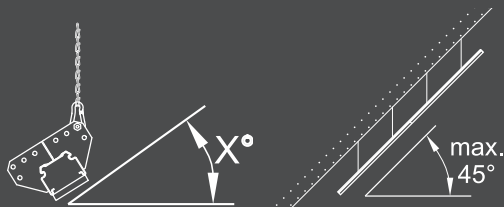
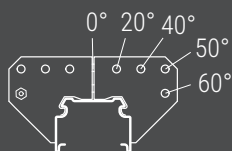
2 Mounting rail

3 Replaceable LED gear trays

SDGMV.
with safety bracket
(in scope of delivery)



Angled hanger SDT-WA



Design freedom

Mounting rail



Housing colour

vw traffic white

Through-wiring

5x1,5

5x2,5

7x2,5

Type of installation



Suspension

Ceiling distance min. 115 mm

Gear tray module lengths

/1500

/2250

Positioning of the gear trays



variable

Optic



Single lens 3-row
Individual.Lens.Optic

Light distributions



wide distribution
narrow/wide distribution

Lumen package

5.000-15.000 lm

Light colour

4000K

neutral white

Colour rendering



≥80
CRI

Types of switching



Emergency lighting



On request

Control and sensor technology



netlife light management optional




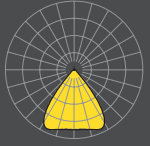


Ball impact resistant



DIN VDE 0710 part 13, DIN 18032-3



SDT-Match

Type	SDGMVOB	SDGMVOTB
		
Lighting technology	Individual.Lens.Optic/3-row	Individual.Lens.Optic/3-row
Light distribution	Direct, wide distribution	Direct narrow/wide beam distribution
Luminous intensity distribution curve		
Beam angle	95 ° (C0) / 95 ° (C90)	80 ° (C0) / 80 ° (C90)
Certification mark	 UGR ≤ 22 IP 20	 UGR ≤ 19 IP 20
Impact resistance (IK rating)	IK03 (20°C to 35°C)	IK03 (20°C to 35°C)
Maximum ambient temperature	35 °C	35 °C
Type of installation	Trunking system	Trunking system
LxBxH/DxH	1531 x 55 x 33 2299 x 55 x 33	1531 x 55 x 37 2299 x 55 x 37
Luminaire luminous flux	5000–15000	5000–15000
Light colour	840	840
Luminaire efficiency [lm/W]	167–181	167–181
LED service life	50000h L80/B10	50000h L80/B10
Control gears	DALI2 ET	DALI2 ET
Features	Emergency lighting	Emergency lighting
Housing colour	traffic white RAL 9016	traffic white RAL 9016

Detailed and current data can be found @ www.regiolux.de/en





 Made in Germany



Highlights

- » SDT-Match – the ball impact-resistant, quick fit mounting system
- » Tested in accordance with DIN VDE 0710 Part 13, DIN 18032-3
- » Bright up to 15,000 lm and highly efficient
- » Optimum lighting conditions thanks to flexible inserts
- » Safety included: integrated emergency light function
- » Gear tray SDGMV. Module /1500 and /2500
- » Light technology: Individual.Lens.Optic single lens 3-row
- » 2 application-optimised optics; further on request
- » Can be positioned variably in SDT mounting rail
- » Suitable for ambient temperatures up to +35 °C



Electrical connection to SDT mounting rail with SDGU function module



SDGU for balllea



SDGU for sportler

Code	... B	... TB
Light control	wide	narrow/wide
Luminous intensity distribution curve		
Installation height	3–5 m	3–10 m



www.regiolux.de/en/SDT-Match



Project SDT-Match
Sporthalle Laage
Laage, Germany



Planning: Dreifeld sports hall/tennis hall



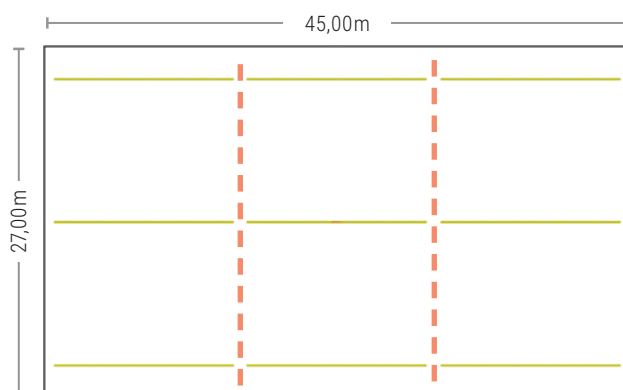
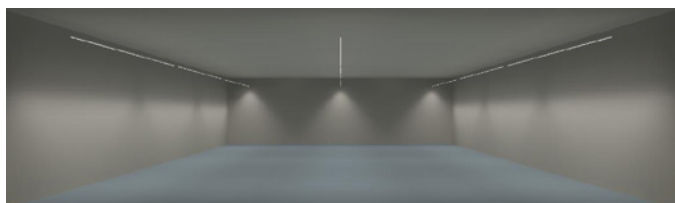
PLANNING: DREIFELD-SPORTHALLE

Task:

Mounting height: 7 m
Dimensions (L x W): 45 x 27 m
Luminance: 500 lux

SDT-Match solution:

9 SDT-Match light runs
(6 luminaires each, light run length: 13.82 m)
27 x mounting rail SDT 1500/III 5x1.5 mm²
54 x attachment central suspension SDT-ZA
18 x rail connector SDTVL, detachable
9 x end of the rails, pair SDTEM
54 x gear tray SDGMVOB/2250 LED 15000 840 ET



Application manual
for sports halls



PLANNING: TENNIS HALL

Task:

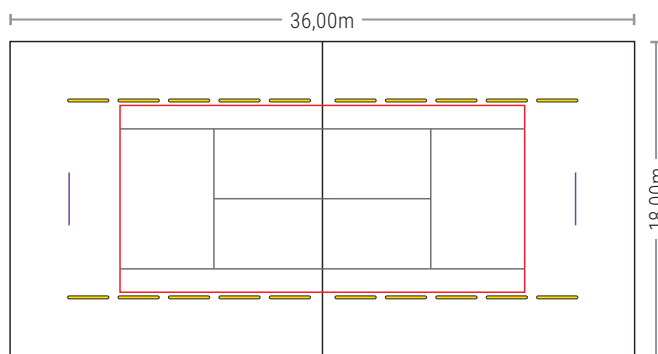
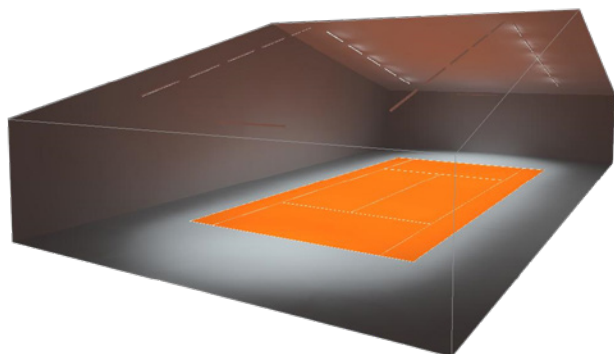
Mounting height: Sideline: following the roof slope, sloping 15°, rotated 20°, baseline: horizontal 5m
 Dimensions (L x W): 36 x 18 m
 Luminance: 500 lux

SDT-Match solution sideline:

- 4 SDT-Match light runs
(5 luminaires and 4 dummy units 766.4 mm each)
- Light run length: 15.35 m
- 8 x mounting rail SDT 1500/II 5 x 1.5 mm²
- 8 x mounting rail SDT 1500/III 5 x 1.5 mm²
- 32 x angled hanger SDT-WA (sloping 15°, rotated 30°)
- 12 x rail connector SDTVL, detachable
- 4 x end of the rails, pair SDTEM
- 20 x gear tray SDGMVOTB/2250 LED 15000 840 ET
- 10 x blank cover SDBAV
- 48 x attachment set SDLA for blank cover

SDT-Match solution baseline:

- 2 SDT-Match light runs
(2 luminaires each, light run length: 3.07 m)
- 2 x mounting rail SDT 1500/II 5 x 1.5 mm²
- 4 x angle hanger SDT-WA
- 2 x end of the rails, pair SDTEM
- 4 x gear tray SDGMVOTB/1500 LED 9000 840 ET



Packaging concept



- ✓ 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

SDT-Match



Gear tray



Mounting rails



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 fulfill 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.

sportler/ballea

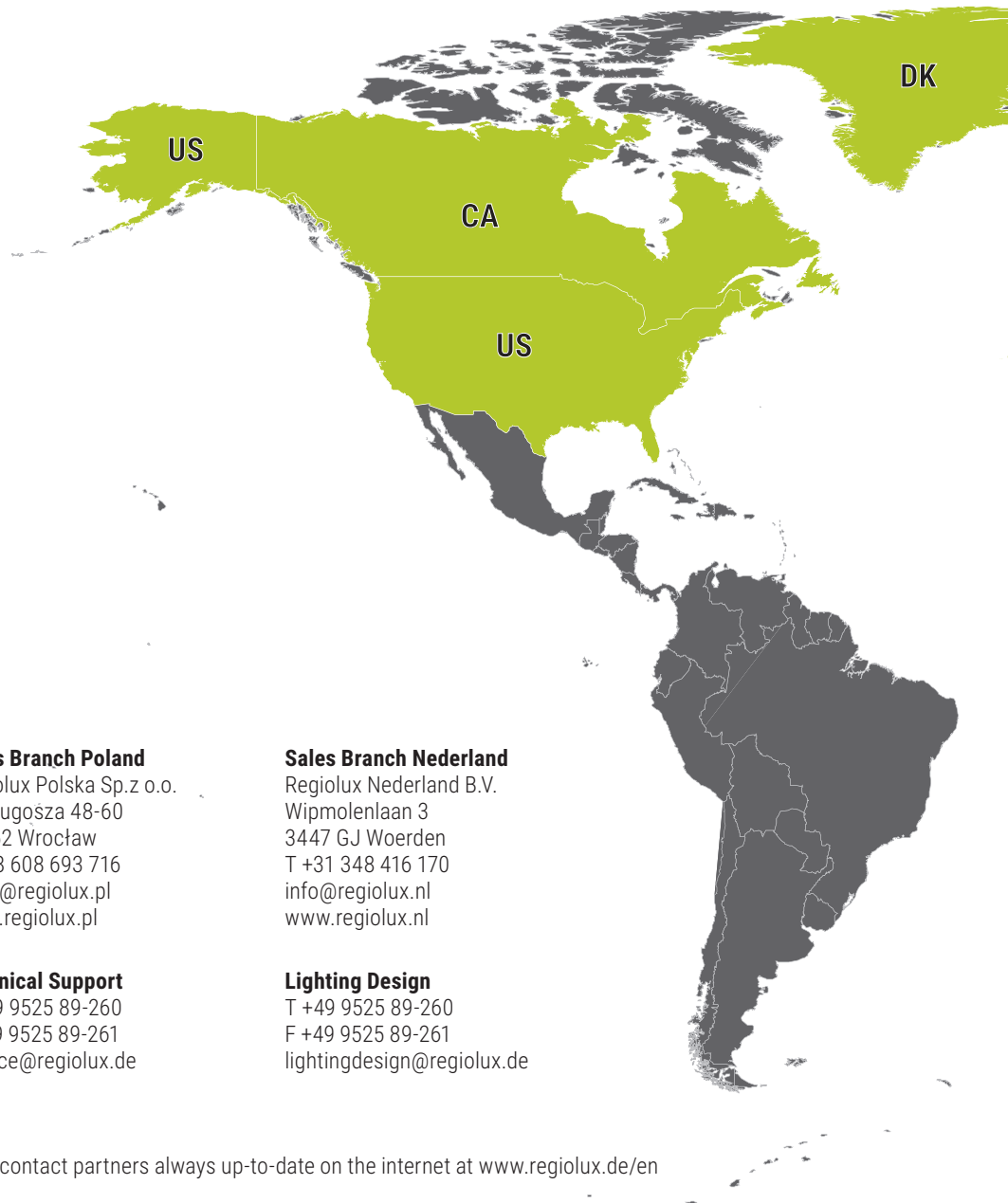


If anything remains...

Interseroh Dienstleistungs GmbH handles the return and recycling of packaging material for Regiolux. The Interseroh 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.



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Local Contact Partners:

You can find the contact data for your local contact partners always up-to-date on the internet at www.regiolux.de/en

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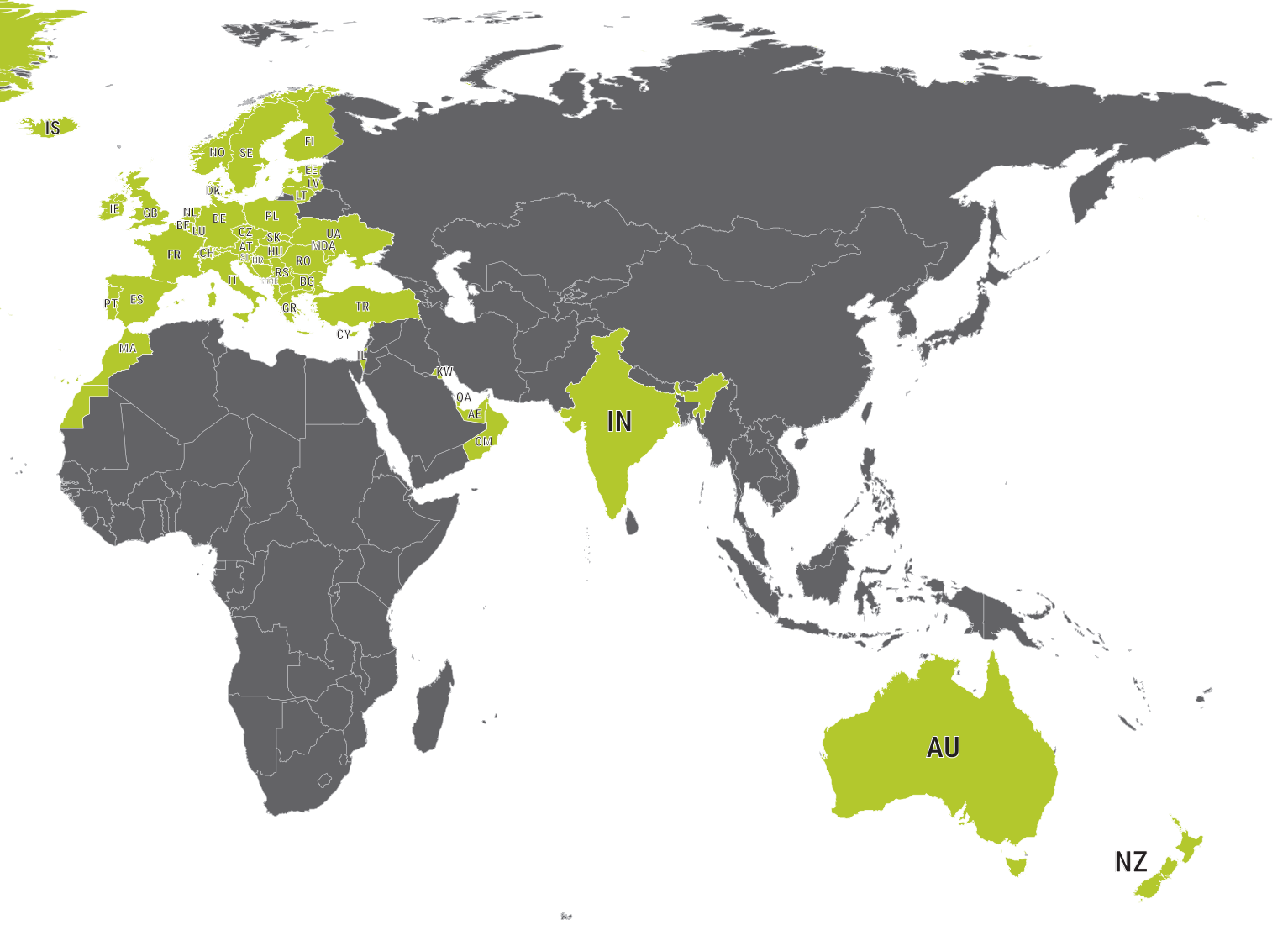
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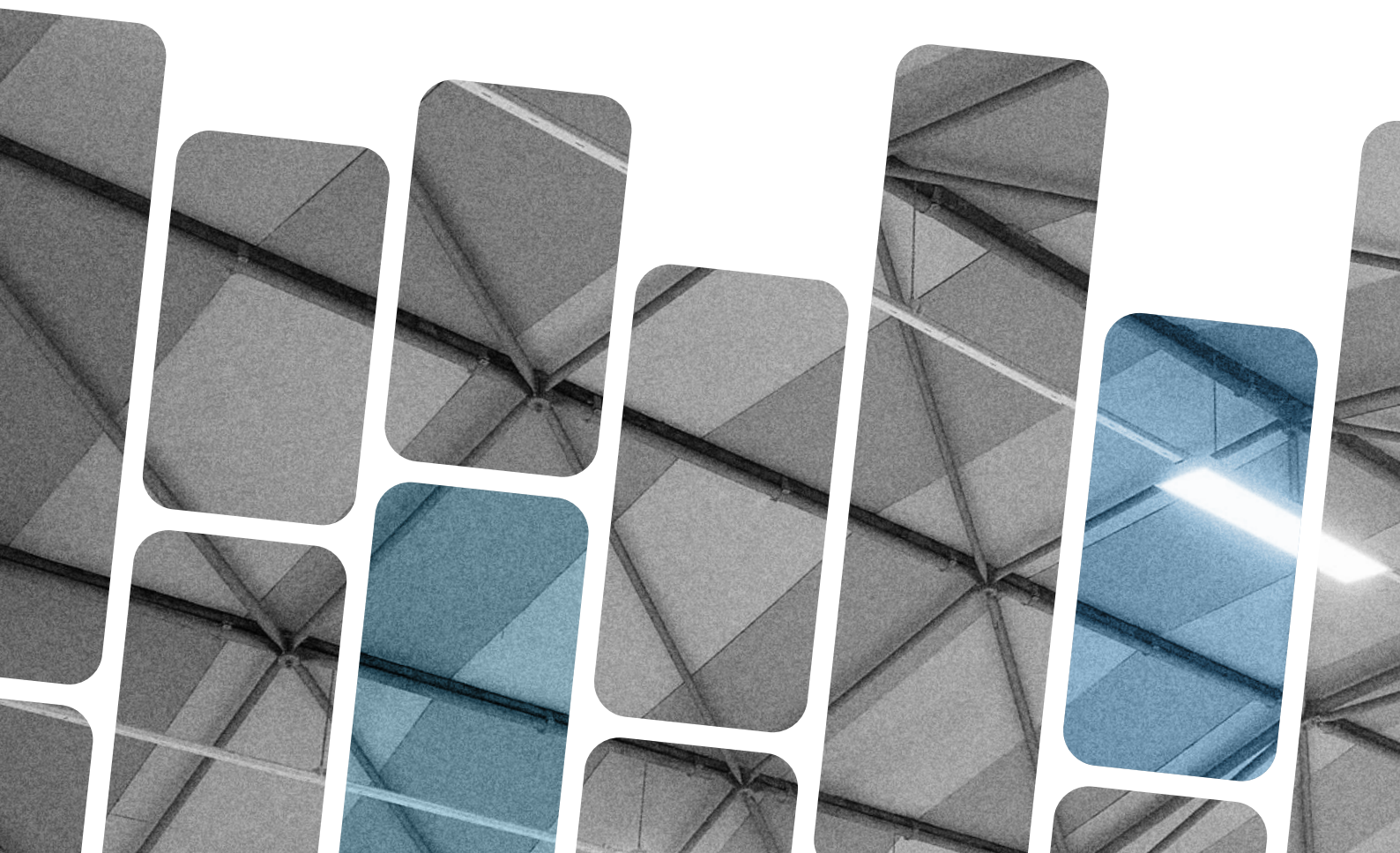


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<https://www.regiolux.de/en/produkt-group/sports-hall-luminaires>

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Regiolux @ Social Media



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