

SHS Light Guide

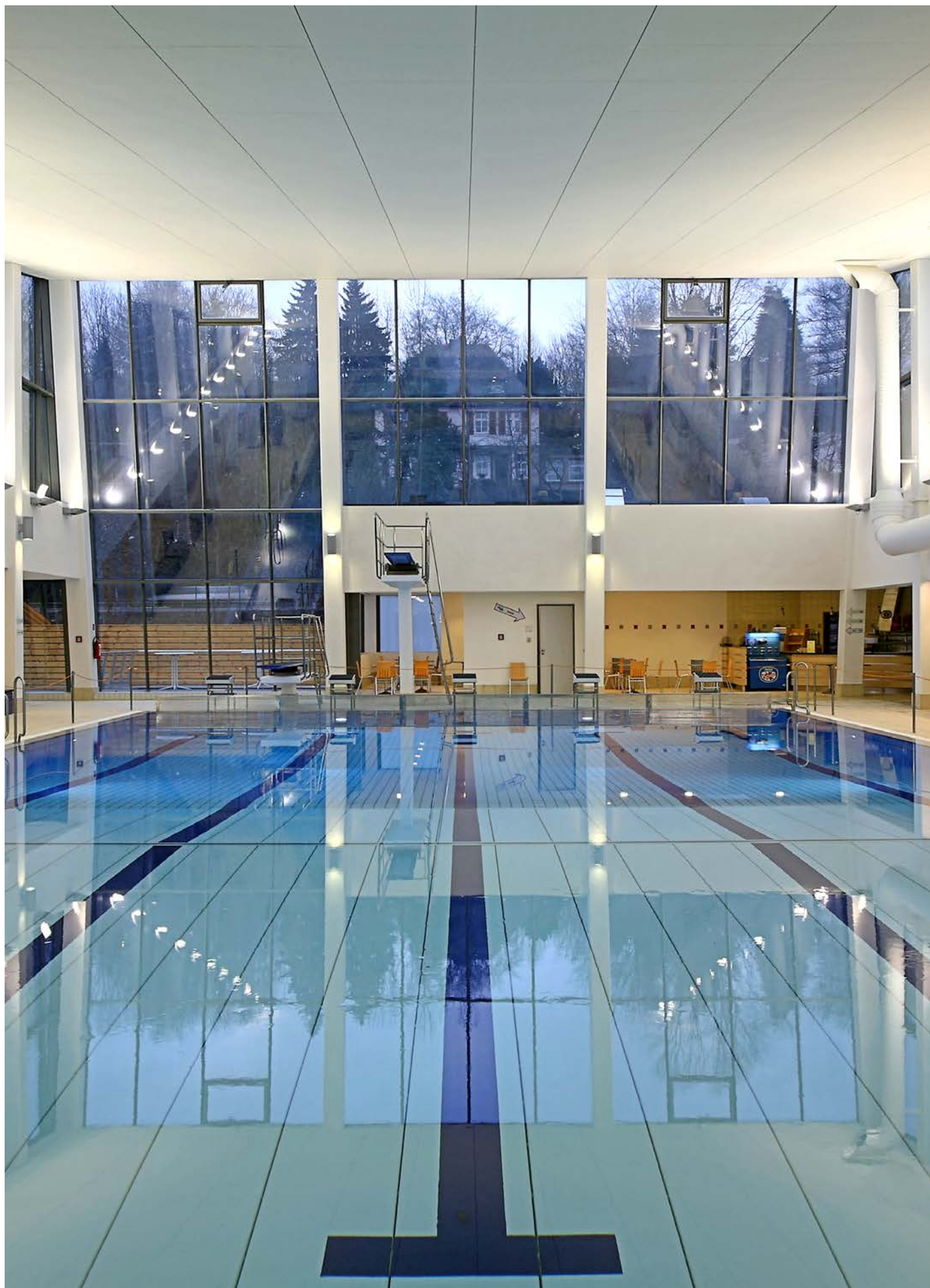
# Swimming pools



Sammode

**HOFFMEISTER**

SILL



Olpe Leisure Centre, Germany ©Hoffmeister; Luminaire: 153

Front page H2O indoor pool, Dinklage, Germany. Architects: jbp-architects. Electrical design: Wilfried Heise engineering office ©Stephan Brendgen; Luminaire: complx

# Durable high-performance lighting for swimming pools: Our strengths

As recognised swimming pool lighting specialists, Sammode, Hoffmeister and Sill offer robust and long-lasting lighting solutions with outstanding lighting technology. Our light fittings are suited to the specific challenges and installation requirements of swimming pools and are designed to withstand difficult environmental conditions, such as chlorine and salty air.

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## Ideal protection against corrosion

Corrosion-resistant light fittings with various corrosion resistant coatings:

- Parts made from 316L (A4) stainless steel
- special coatings type EKS technology for IP65



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## High protection category IP65/IP68/IP69K

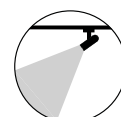
Our light fittings are protected against water jets and dust. Their reinforced seal provides high durability in wet environments. This protection is also guaranteed for downlights above the ceiling.



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## Accurate light control

Our knowledge enables us to offer solutions that combine efficiency and accuracy: Thanks to the use of lenses, large areas can be lit up accurately, uniformly and glare-free.



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## 5-year warranty

Sammode, Hoffmeister and Sill consistently live up to their commitment to the quality and durability of its lighting and provide a 5-year warranty for their products.



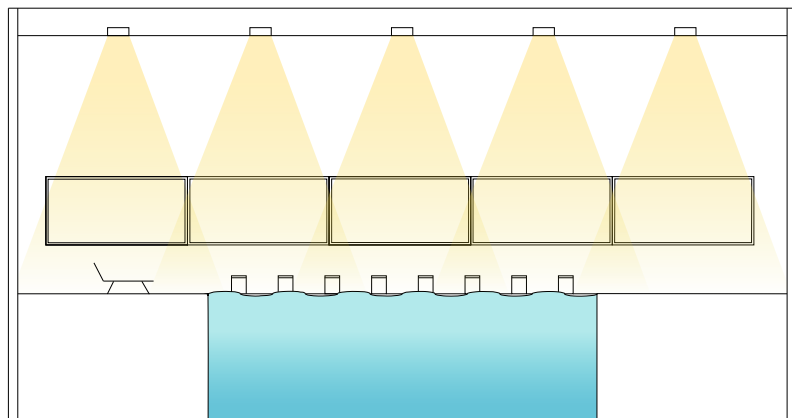
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## Many years of expertise

We will accompany you throughout your project and personally advise you on the selection and installation of the lighting to ensure the best result in the long term.



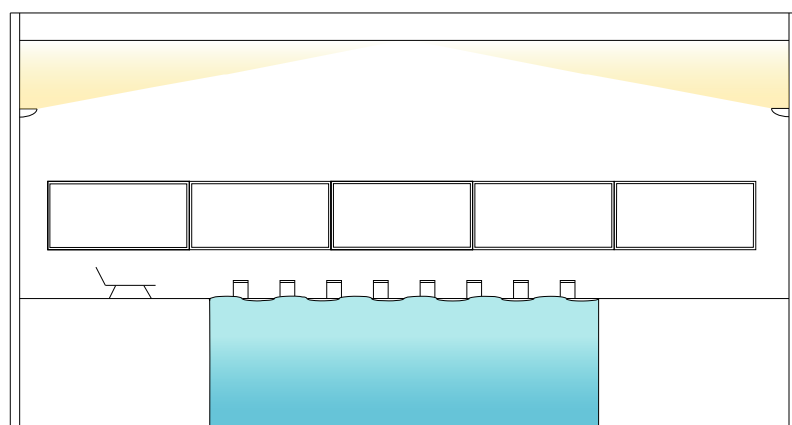
# Lighting concepts for swimming pools



Uniform lighting for an optimal view of the water



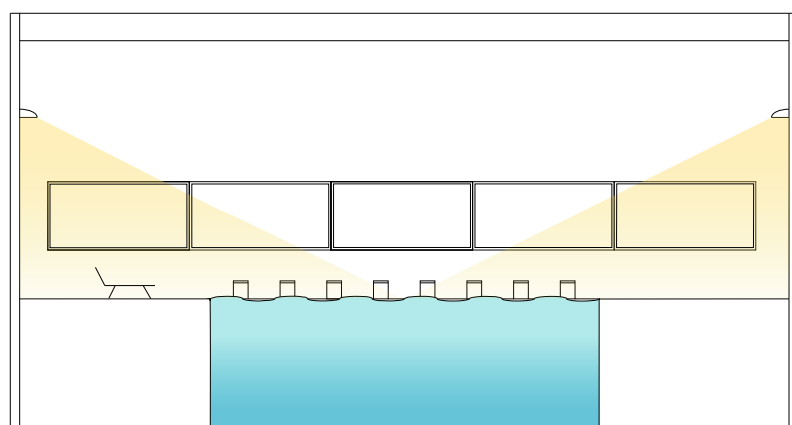
Luminaire:  
Hoffmeister compl. 150



Indirect lights for pleasant atmospheric lighting



Projector:  
Sill 155



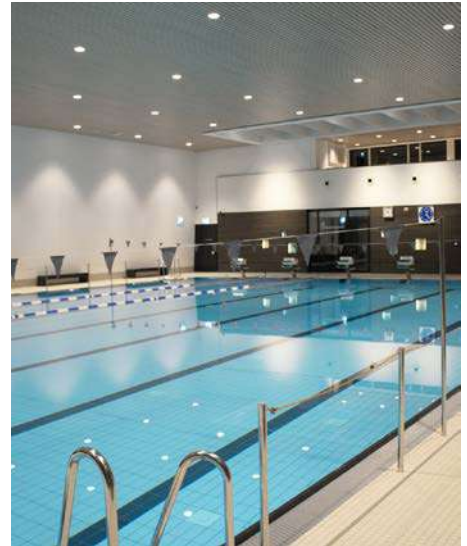
Asymmetric lighting from the poolside for low-ceilinged rooms



Luminaire:  
Sill 153

## Integrated lighting with downlights

- Downlights offer the option to discreetly light a swimming pool from the ceiling.
- The complx. series offer a broad spectrum of light fittings with different radiation angles and power ratings, which allow for precise lighting and thus greater safety.
- Because of the high lighting quality, corrosion protection and high protection category IP65, Hoffmeister complx. downlights can also be arranged above the water.



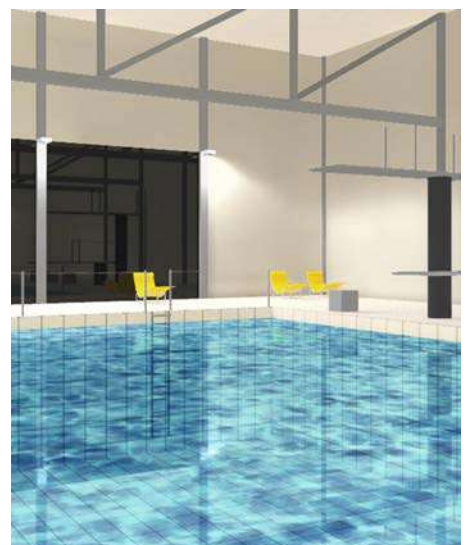
## Indirect lighting with spotlights

- Indirect lighting, reflected from the ceiling, provides a pleasant atmosphere in the swimming pool.
- The asymmetric light casts no shadows and emphasises the height of the room.
- There is no glare, creating optimal conditions for both employees and guests.

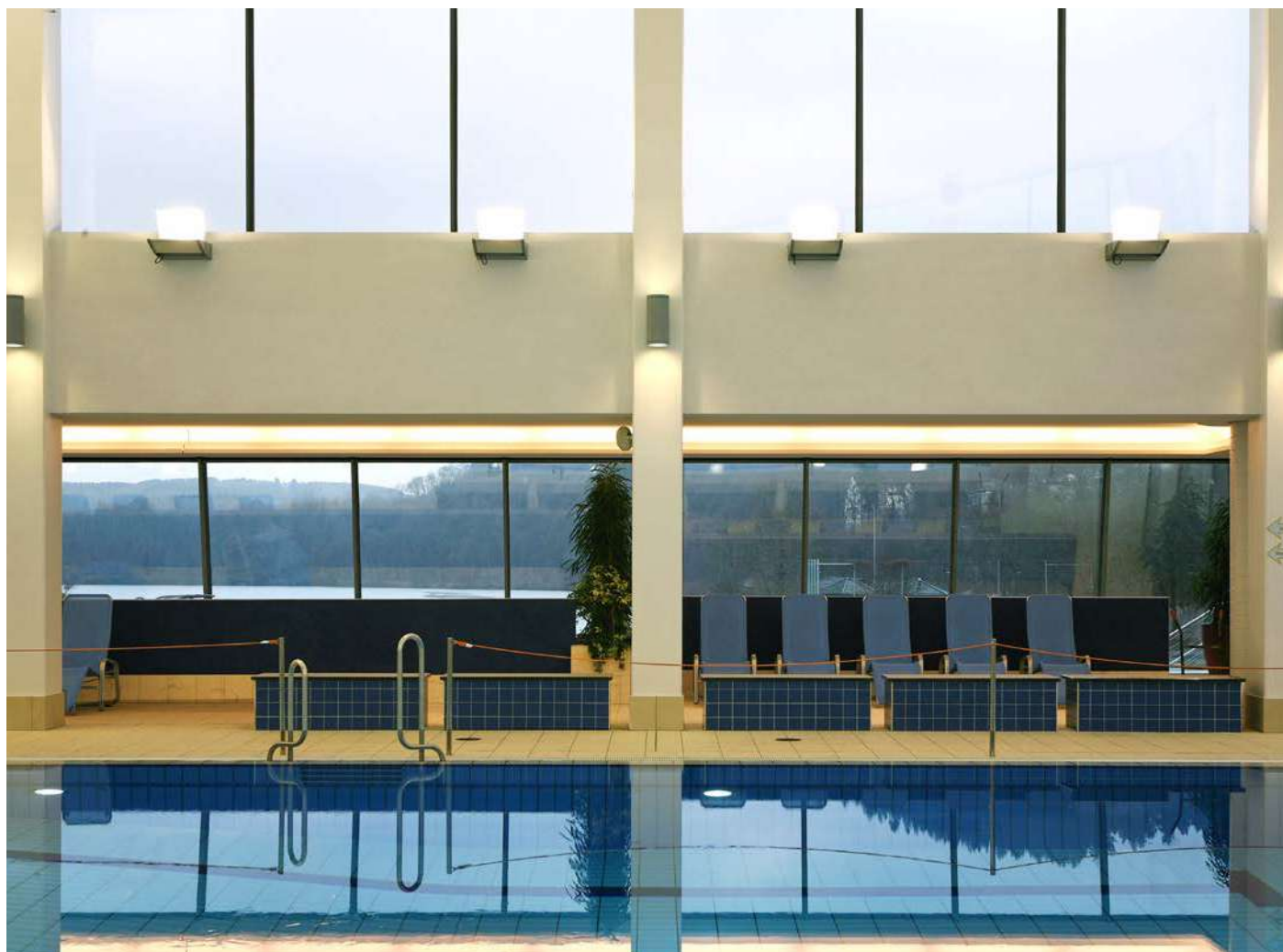


## Asymmetric lighting from the poolside

- The asymmetric lighting from the poolside provides illumination for rooms with low ceilings, convertible roofs or ceilings with poor reflection.
- The installation height determines the uniformity above the water.

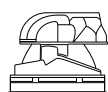


# Swimming pools



Olpe Leisure Centre, Germany ©Hoffmeister; Luminaire: 153

## Downlight

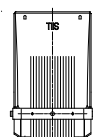


complx. IP65  
100, 150, 200

## Spotlight

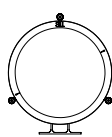


153

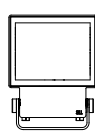


155

## Area lighting



14 Series



49 Series

## Emergency, Signage lighting



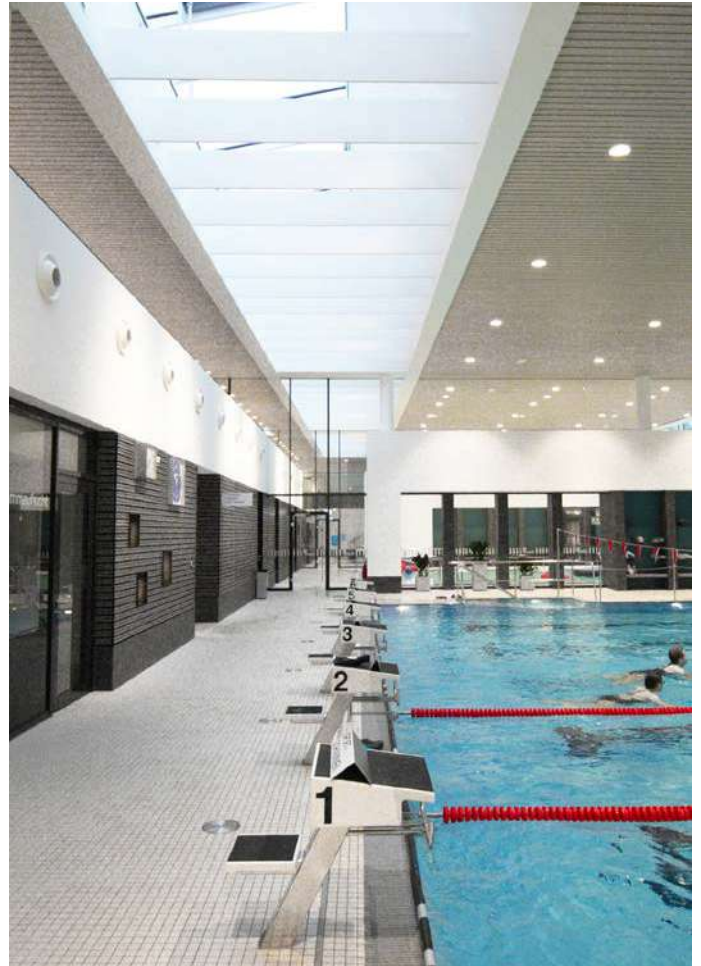
Maxwell



Mabuse

Aside from water sports, swimming pools are primarily used for leisure swimming. This must be taken into account during the lighting planning stage. The variety of lighting tools supports the creation of different lighting concepts, increasing its experiential value.

For example, the 14 Spotlight Series offers the option of coloured lighting. Thanks to controllable RGBW or RGBN boards (red, green blue and warm or natural white light), swimming pools can be transformed into events halls.



Lentpark, Cologne, Germany. Architects: Schultz architects. Electrical design: Ibah ©Hoffmeister; Projector: 155

Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: complx.200



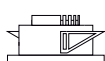
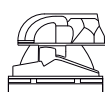
Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: complx. 200

# Changing rooms and Showers



H2O indoor pool, Dinklage, Germany. Architects: jbp-architects. Electrical design: Wilfried Heise engineering office ©Stephan Brendgen; Luminaire: complx

## Downlight



complx. IP 65 DL 100  
100, 150, 200

## Ceilings, Pendant light



Géricault

## Emergency, Signage lighting



Maxwell

Mabuse

Lighting in shower areas require solutions that are specially suited to the humid environment, as well as a warm, white light of 3000K, which contribute to the atmosphere of relaxation and wellbeing.

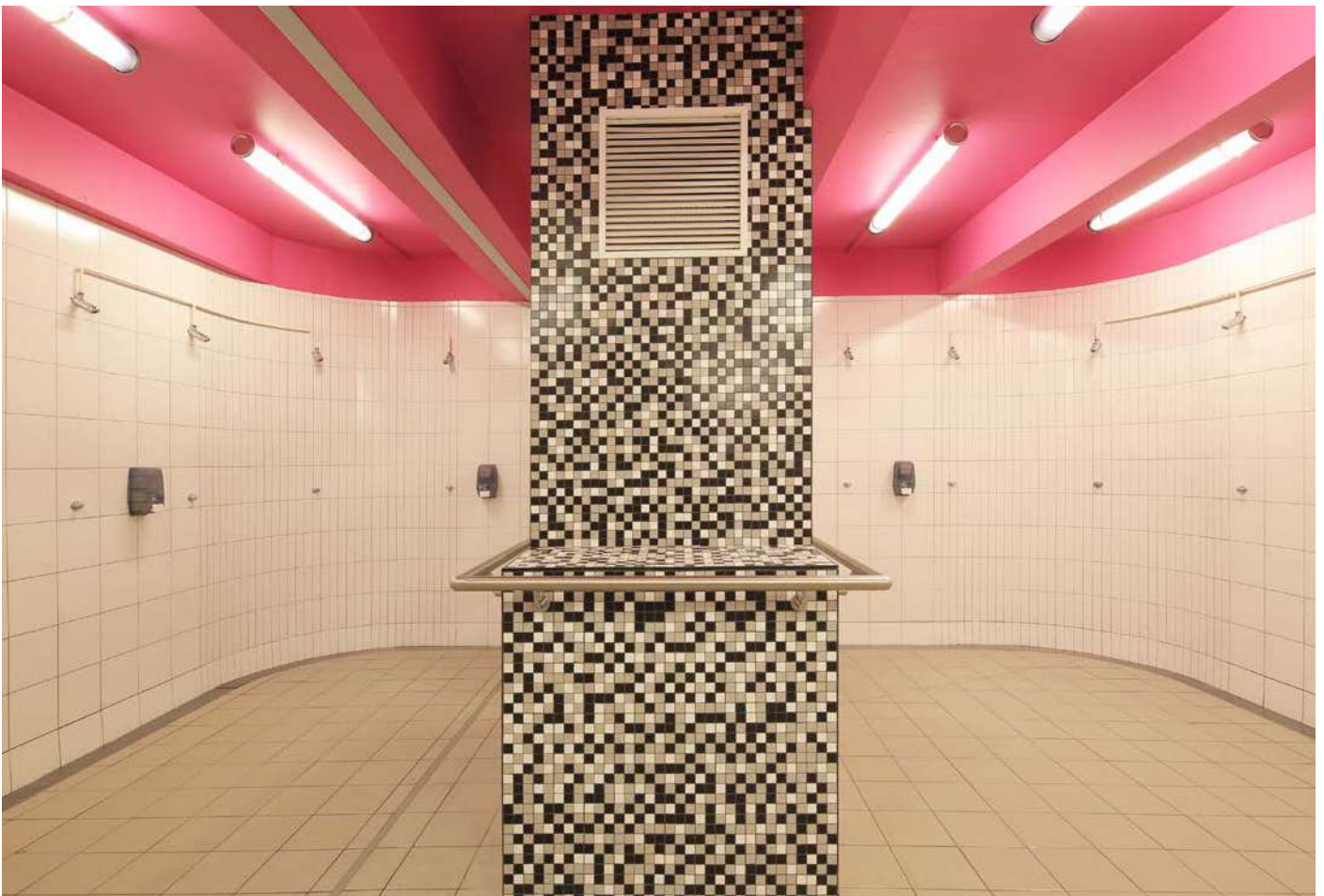
- High protection category from IP65 (downlights) to IP69K (tube lights)
- An illumination level of 200 lux in the showers and changing rooms.
- Lenses with a wide range of radiation angles avoid shadows and guarantee a sense of safety and cleanliness.
- Even lighting for styling and care areas.





Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: complx. 100

Fresch Swimming pool Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: complx. 100



Etienne Gagnaire Nautical Centre, Villeurbanne, France. Architects: Z Architecture ©Jonathan Letoublon; Luminaire: Géricault

## CHANGING ROOMS AND SHOWERS

Aesthetically pleasing and durable lights that are suitable for the environment

### Downlights

- complx.100, 150, 200 (IP65)
- DL 100

### Ceiling/pendant light

- Géricault

### Emergency, Signage lighting

- Maxwell
- Morisot

## FUNCTIONAL AREAS ENTRANCE

Aesthetically pleasing and functional lights for an inviting atmosphere

### Downlight

- complx.100, 150

### Wall lights

- Kyhn
- Elgar

### Ceiling, Pendant lights

- car.a
- Brueghel
- Corot

## OUTDOOR AREAS

Robust and attractive lights that are especially suited to the challenges of outdoor areas.

### Recessed floor lights

- hi.vertical
- in.ground

### Path light

- MP 260/860

### Wall lights

- Seurat
- led.modular

### Spotlights

- 14 Series
- 49 Series
- 154

## POOLS

Durable lights with specialist protection against corrosion for chlorinated environments.

### Downlight

- complx.100, 150, 200 (IP65)

### Direct spotlights

- 153

### Indirect spotlights

- 153
- 155

### Event and effect lighting

- 14 Series
- 14 Series

### Emergency, Signage lighting

- Maxwell
- Mabuse

## FUNCTIONAL AREAS RESTAURANT

Durable and robust lighting with an appealing design

### Wall light

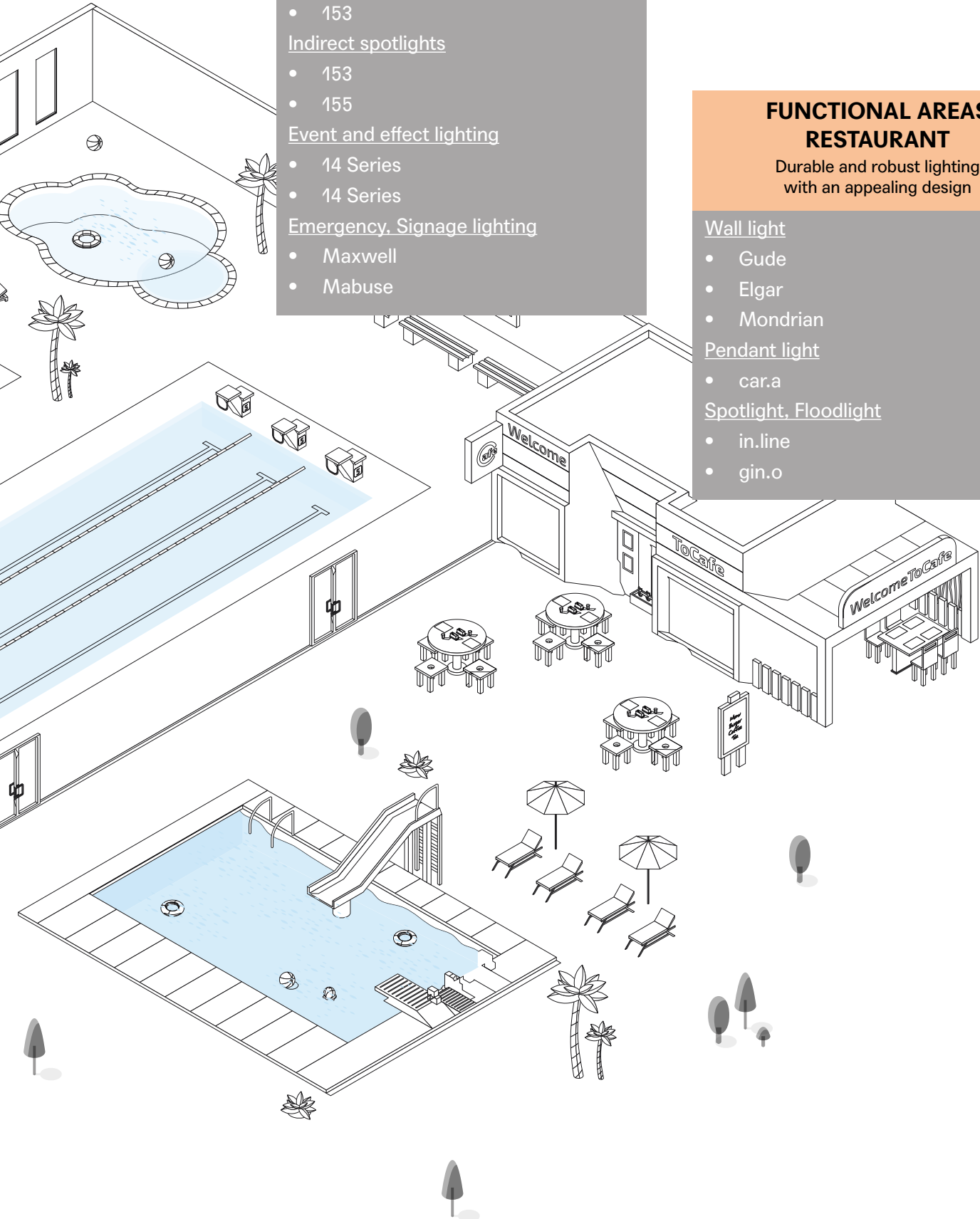
- Gude
- Elgar
- Mondrian

### Pendant light

- car.a

### Spotlight, Floodlight

- in.line
- gin.o

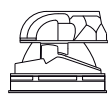


# Functional areas



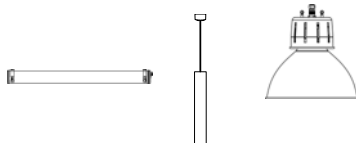
H2O indoor pool, Dinklage, Germany. Architects: jbp-architects. Electrical design: Wilfried Heise ©Stephan Brendgen; Luminaire: complx

## Downlight



complx.  
100/150

## Ceiling, Pendant light

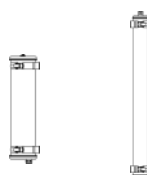


Brueghel

car.a

Corot

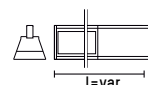
## Wall light



Gude

Elgar

## Spotlight, Floodlight



in.line

## Power rail



control.x

Foyers, checkout areas, cafeterias and restaurants are accessible to the public and they contribute to the functionality and overall quality of a swimming pool complex. An inviting lighting atmosphere is achieved through various elements:

- Ambient lighting: Recessed downlights provide sufficient illumination for optimum orientation in the space.
- Accent lighting: Downlights can be fitted with different light distributions. With a narrow spotlight or other spotlight technology, it is possible to create exciting accents.
- Scenic lighting: Wall and pendant lights with a particular design achieve brilliant effects through reflective materials and create a pleasant, warm atmosphere.



Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: complx. 100



Olympia Swimming pool, Berlin, Germany. Architects: Dominique Perrault Architecture ©George Fessy; Luminaire(hall): Brueghel



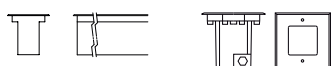
Gas Station, Poitou, France ©Sammode; Luminaire: Géricault

# Outdoor areas



Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: led.modular

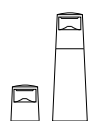
## Recessed floor light



hi.vertical  
2.0

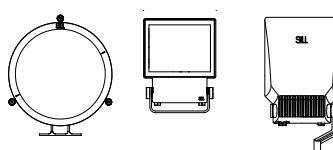
in.ground

## Path light



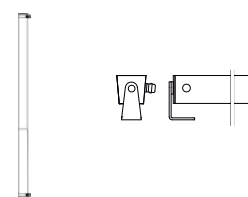
MP 260  
MP 860

## Projectors



14 Series 14 Series Series 154

## Wall light



Seurat led.modular

Swimming pools should also look attractive and inviting from the outside. The lighting in the swimming pool as well as those on the outside of the building can make a significant contribution to this. Since swimming pools are often fitted with large windows, the effect of the light coming in from the outside must be taken into account when planning lighting. Sammode, Hoffmeister and Sill cater to all needs, providing general lighting for architectural appreciation, pathway lighting, spotlights, built-in lights and tube lighting systems.



Fresch Swimming pool, Freising, Germany. Architects: Venneberg & Zech. Electrical design: Mr Methling, Ibah ©Michael Schönau; Luminaire: led.modular

Private house, France ©Morgane Le Gall; Luminaire: Seurat



Lentpark, Cologne, Germany. Architects: Schultz architects, electrical planning: Heuchling engineering office ©Hoffmeister; Projector: 155



Sammode

### Sustainable lighting and design



Géricault



Brueghel



Gude, Kyhn



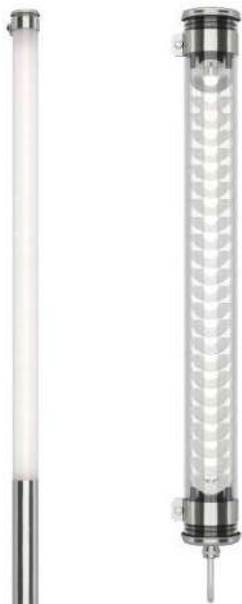
Corot



Maxwell



Morisot, Mabuse



Elgar

Seurat,  
Mondrian

**HOFFMEISTER**

### Precise lighting



control.x  
in.line 2.0



compl  
100



compl  
150



car.a



led.modular



hi.vertical 2.0



# SILL

- Pools
- Changing rooms and Showers
- Functional areas
- Outdoor areas

## High-performance spotlights



■ DL 100



■ complex 200



■ MP 260/860



■ in.ground



■ 155



■ 153



■ 154



■ 49S



■ 49M



■ 49L



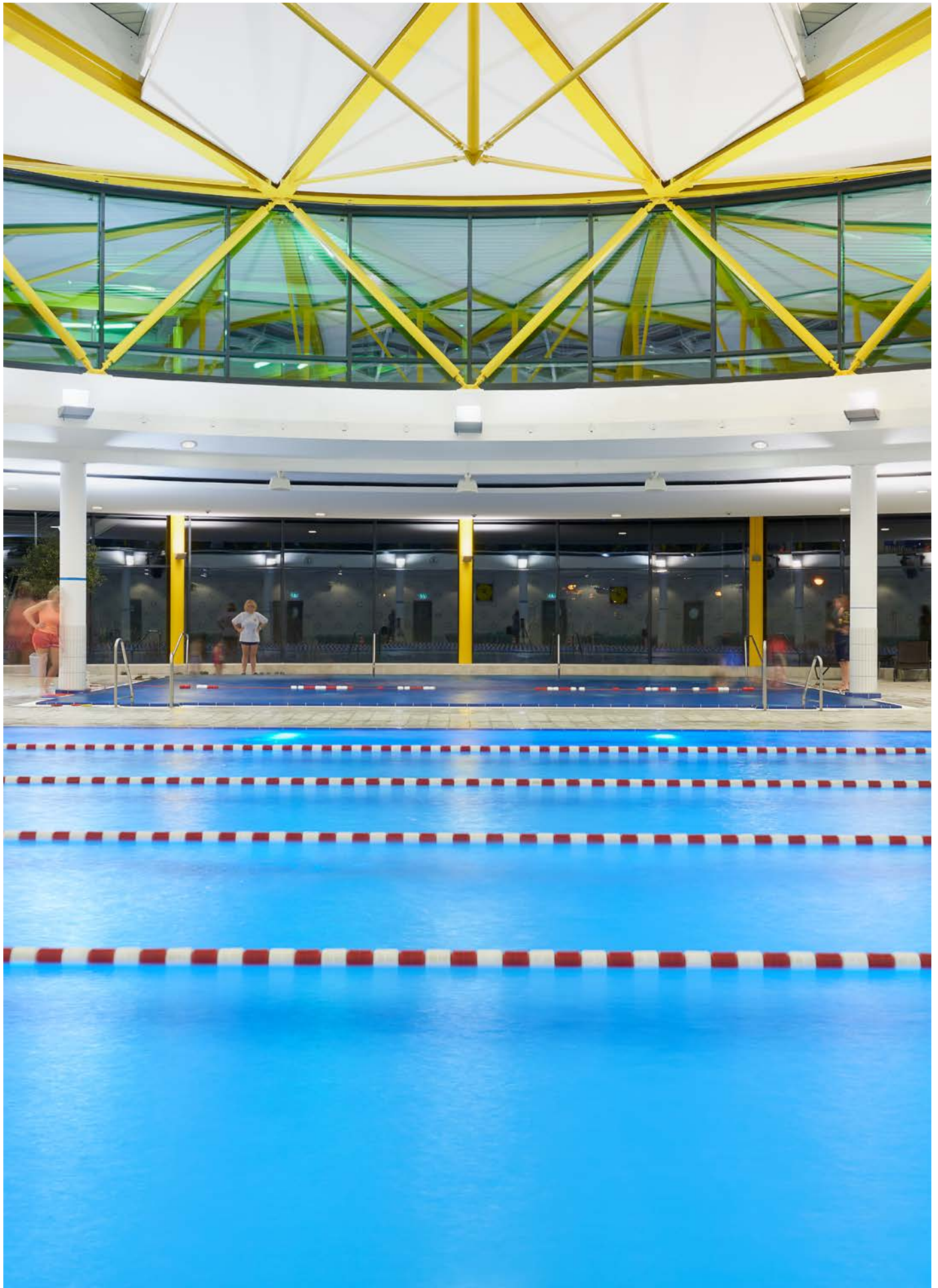
■ 14S



■ 14M



■ 14L



Lentpark, Cologne, Germany. Architects: Schultz architects. Electrical design: Ibah ©Hoffmeister; Projector: 155

# References

## BELGIUM

Sportoase Veldstraat  
Schwimmbad Esneux

Antwerpen  
Liège

## GERMANY

Lagunabad Aßlar  
Capesol  
Olympia Schwimmbad  
Hallenbad Delbrück  
Hallenbad Dinklage  
Hallenbad Dornstadt  
Georg-Arnhold-Bad  
Schwimmbadhalle Brühlau  
Fresch Schwimmbad  
Barbarossatherme  
Hallenbad Gronau  
Grönegaubad Melle  
Lentpark  
Meerwasser- Freizeit- Erlebnisbad  
Familienbad Nattenberg  
Maintalbad  
Freizeitbad Nienburg  
Freizeitbad Olpe  
Nettebad  
Sonnebad  
Subtropisches Badeparadies  
Schwimmbad Ichtershäuser  
Nautiland

Aßlar  
Bad Rothenfelde  
Berlin  
Delbrück  
Dinklage  
Dornstadt  
Dresden  
Dresden  
Freising  
Göppingen  
Gronau  
Hamburg  
Köln  
Langeoog  
Lüdenscheid  
Maintal  
Nienburg  
Olpe  
Osnabrück  
Sonneberg  
Weissenhäuser Strand  
Wachsenburg  
Würzburg

## FRANCE

Centre Aquatique  
Centre Aqualudique  
Piscine municipale Jesse Owens  
Centre Aquatique  
Piscine de Porzou  
Piscine Sequoia Lodge  
Piscine de Draveil  
Piscine Andre Wogenscky  
Piscine de Fontenay aux Roses  
Piscine de Montgeron  
Piscine Ecologique des Hauts de Montreuil  
Piscine Nemausa  
Piscine d'Olivet  
Piscine Blomet  
Centre Sportif Atlas  
Piscine du Centre G.Brutus  
Piscine Tourneroches  
Piscine du Petit Bois  
Centre nautique Etienne Gagnaire

Agde  
Arc 1800  
Chilly-Mazarin  
Combourg  
Concarneau  
Disneyland Paris  
Draveil  
Firminy  
Fontenay-aux-Roses  
Montgeron  
Montreuil  
Nîmes  
Olivet  
Paris  
Paris  
Perpignan  
Saint-Cloud  
Saint-Just-Saint-Rambert  
Villeurbanne

## LUXEMBOURG

Piscine an der Schwemm  
Piscine den Noordpol

Bettembourg  
Colmar-Berg

## NETHERLANDS

Oostelijke Zwembad

Rotterdam

## NORWAY

Tronderhallen

Levanger

## SAUDI ARABIA

KAU Schwimmbad

Jeddah

## UNITED KINGDOM

Langley Pool  
Kings College Wimbledon  
Kingfisher Leisure Centre Pool

Slough  
London  
Sudbury

## Sammode, Hoffmeister and Sill form a new alliance: SHS Lighting, the European specialist in technical lighting.

Industrial and family-owned, our three companies share decades of expertise, innovation and excellence. Our lighting expertise sets the benchmark. It defines our uniquely high standards, allowing us to guarantee the precision, performance, reliability and long-term robustness of all our products, with the utmost flexibility and a particular attention to design.

We are at the same time designers, manufacturers and technical advisors. When clients choose one of our products, they get more than a light fixture: they acquire intelligence and service.

### Contact

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