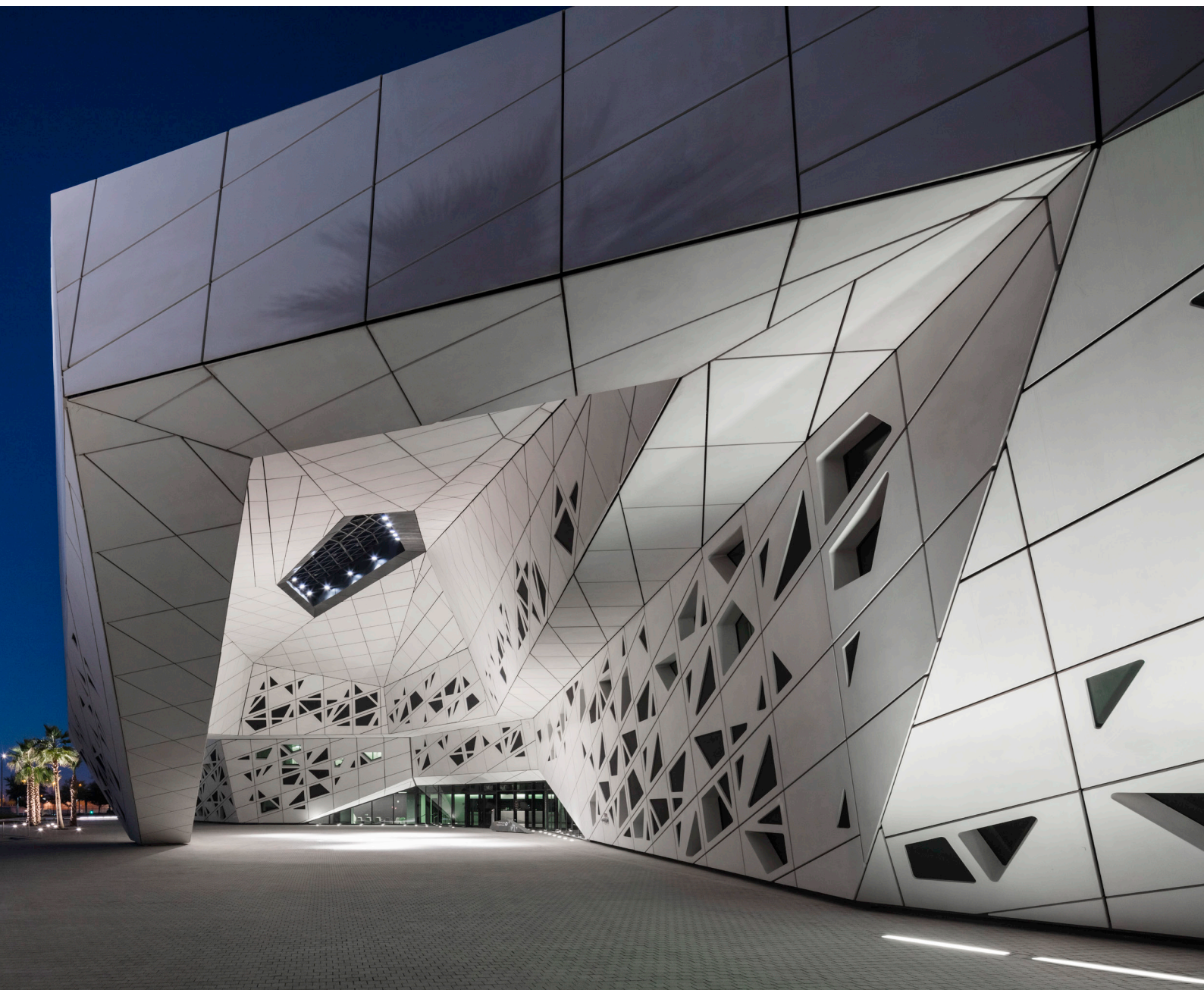


**SHS Light Guide**

# Night architecture



**Sammode**

**HOFFMEISTER**

**SILL**



Erasmus Bridge, Rotterdam, Netherlands. Luminaire: SILL - 14L ©Hoffmeister

Front page: KAPSARC, Riyadh, Saudi Arabia. Luminaire: Hoffmeister - hi.vertical. Architects: Zaha Hadid Architects, Arup Architects. Light planning: Ovi Lighting ©HEGsch Photography

# Precise and bright lighting for outdoors: Our strengths

Outdoor lighting close to buildings offers a unique opportunity to create effects in the dark that would not be possible during the day and increase the appeal of buildings and squares at night.

In addition to perfect and precise lighting technology, the particular installation and environmental conditions in the outdoor area must also be taken into account. This also includes perfect corrosion protection for lamps, with a high degree of protection (IP65 or higher) to ensure long-lasting and sustainable installations.

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## High protection category IP65/IP68/IP69K

Our luminaires have a protection class of at least IP65 and are therefore protected against water jets and dust. Their reinforced sealing ensures maintenance-free operation, even in extreme outdoor conditions.



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## Diverse installation solutions

Our lighting equipment takes into account the special installation conditions where facades and bridges are concerned. The same lighting technology is therefore available for mounting on walls, floor installations, surfaces and masts.



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## Accurate light control

Our knowledge enables us to offer solutions that combine efficiency and precision. With the use of lenses, even high facades, buildings and bridge features can be illuminated with precision and without glare.



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## A 5-year guarantee

Sammode, Hoffmeister and Sill consistently take their commitment to the quality and durability of their luminaires seriously and provide a five-year warranty for their products.



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## Many years of experience

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 design for facades

## Facade lighting close to the building



Luminaire: Hoffmeister - hi.vertical, in.ground



Luminaires from Hoffmeister can be installed in the ground close to the building thanks to precise lighting technology. This allows very appealing lighting, placing particular emphasis on the structure of the building materials.

## Facade lighting with floodlights

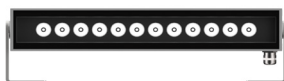


Luminaire: SILL - 49M



The “49” series floodlights from SILL perfectly illuminate the Memorial Church in Berlin with soft light in a warm shade of white. As a result, the historical monument can be enjoyed in its entirety and as a memorial even at night.

## Built-in facade illumination



Luminaire: Hoffmeister - led.modular



With the emphasising of the window frames, buildings are given their own new night architecture at night. Thanks to its very narrow-beam technology, this type of lighting virtually eliminates glare both in the building and outside the building.

# Lighting design for public spaces

## Public place design with floodlights



Luminaire: SILL - 14S



In the Saclay Quartier Polytechnique Axe Central project, several SILL 14S floodlights were mounted one above the other on a mast. In addition to uniform lighting, some floodlights were equipped with Fresnel lenses in order to project the images of the LED lenses onto some areas.

## Near-ground lighting design



Luminaire: Hoffmeister - MP 260



The MP 260 and MP 860 illuminated bollards make near-ground lighting designs possible. Thus squares, walkways and green areas can be illuminated appropriately. The lighting technology is conceived in such a way that a soft carpet of light is created without causing any glare.

## Lighting effects for trees



Luminaire: Hoffmeister - in.ground



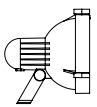
Giving prominence to trees in public places provides visitors with improved orientation and security. Lighting built into the ground with a medium beam angle are the best for this purpose. They illuminate the tree trunk and the light is concentrated in the tree foliage, providing many sources of reflection in the leaves, making a feature of the trees at night.

# Facades



Turboschnecken House, Lüdenscheid, Germany. Luminaire: Hoffmeister - in.ground 50, lovo ©Hoffmeister

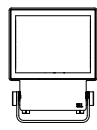
## Projectors



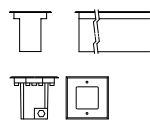
Serie 02



Serie 14

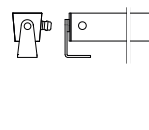


Serie 49

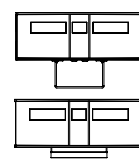


hi.vertical 2.0  
in.ground

## Inground I.



led.modular



190  
191

## Wall light / Window recess floodlight



Mondrian



Turner

The accentuation of facades creates a new situation for the observer, which is often associated with the term night architecture. With precise lighting equipment from Hoffmeister and SILL, lighting is used to emphasise individual facade elements, structure the entire building or illuminate it gently in order to make it appear as a composition. The luminaires are integrated into the architecture and are an inconspicuous part of the facades during the day. The controlled lighting technology also reduces stray light and guarantees complete freedom from glare. Sammode lights can effectively structure facades with reflective materials even in the dark.



Mall La Mer, Dubai, United Arab Emirates. Luminaire: Hoffmeister - hi.vertical, SILL - 49S, 49M ©Hoffmeister



Sammode Research and Innovation Center, Lamotte-Beuvron, France. Luminaire: Sammode - Turner. Architects: Freaks Architecture ©David Foessel



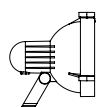
Kaiser Wilhelm Memorial Church, Berlin, Germany. Luminaire: SILL - 49. Light planning: Kardorff Ingenieure Lichtplanung GmbH ©Linus Lintner

# Bridges



Steibrua Bridge, Alvdal, Norway. Luminaire: SILL - 190. Light planner: Luminator AS ©Per Arne Helberget

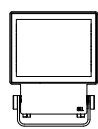
## Projectors



Serie 02



Serie 14

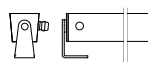


Serie 49



Turner

## Wall light



led.modular

Bridges are important infrastructure connections and often style-defining landmarks that are turned into spectacular features in the evening. Architectural elements such as pylons and suspension cables should be particularly emphasised. Precise, narrow-beam floodlights are used, which direct the light along the pylons or suspension cables without any scattering. SILL floodlights meet all the criteria for high-quality lighting technology and offer the options of a range of light colours and coloured illumination using RGBW technology. At the same time, various requirements regarding the environmental conditions, such as an increased degree of protection and increased corrosion protection, must be met. Thanks to many years of experience in these areas, SHS Group lights offer long-lasting and sustainable operation.





Erasmus Bridge, Rotterdam, Netherlands. Luminaire: SILL - 14L ©Hoffmeister



Oberbaum Bridge, Berlin, Germany. Luminaire: SILL - Forerunner of the 14L. Light planning: Mediapool ©Hoffmeister



Three Countries Bridge, Huningue, France. Luminaire: Sammode - Mondrian ©Sammode-Alain Caste

## FACADES

Luminaire ranges in various sizes and powers for every type of attachment

### Projectors

- Serie 02
- Serie 14
- Serie 49

### Inground light

- hi.vertical 2.0
- in.ground

### Wall light

- led.modular
- Dix
- 190
- Mondrian
- Turner

### Window recess floodlight

- 191

## PATHS AND PLACES

Design-oriented luminaires with precise light control for an inviting atmosphere

### Inground light

- hi.vertical 2.0
- in.ground

### Path light

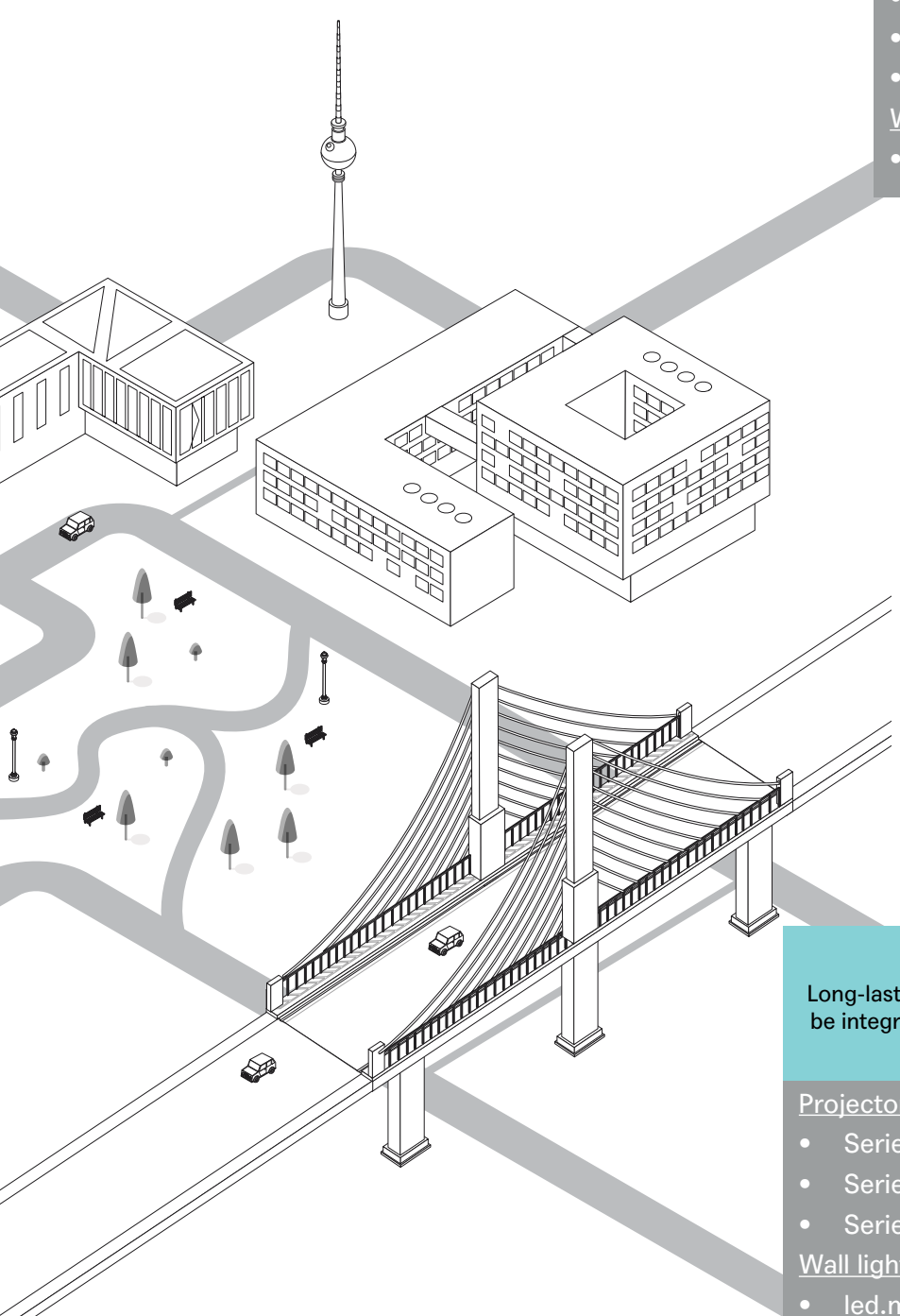
- MP 260/860

### Projectors

- Serie 14

### Wall light

- led.modular
- Elgar
- Scorel
- Turner



## TOWER

Powerful lights with perfect lighting technology for high-rise buildings

### Projectors

- Serie 02
- Serie 14
- Serie 49

### Wall light

- led.modular

## BRIDGES

Long-lasting and robust luminaires that can be integrated unobtrusively into the bridge architecture

### Projectors

- Serie 02
- Serie 14
- Serie 49

### Wall light

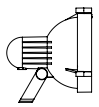
- led.modular
- Turner

# Tower



Spinnaker Tower, Portsmouth, United Kingdom. Luminaire: SILL - 49. Light planner: Equation ©Hoffmeister

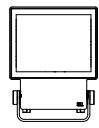
## Projectors



Serie 02

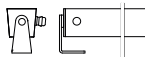


Serie 14



Serie 49

## Wall light



led.modular

Television and observation towers are landmarks and can be seen from afar in daylight. In the dark, powerful luminaires with optimal lighting technology can bring out the particular style-defining architectural elements. Due to the height, narrow-beamed floodlights that are both powerful and precise are used, directing the light selectively and without scatter over the appropriate components of the structure. SILL floodlights meet all the criteria for high-quality lighting technology and offer the options of a range of light colours and coloured illumination using RGBW technology.

For the viewing platform and the transmission tower above, with its various transmission devices, lower power lighting is required, which suits the ambient conditions both mechanically and in terms of lighting technology.



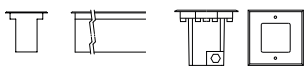
Television tower, Berlin, Germany. Luminaire: SILL - 14L ©Sabine Hauf

# Paths and places



Buschmannshof, Herne, Germany. Luminaire: Hoffmeister - in.ground. Architects: Hummert Architekten BDA ©Jens Sundheim

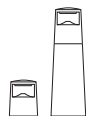
## Inground light



hi.vertical  
2.0

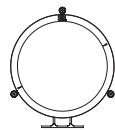
in.ground

## Path light



MP 260  
MP 860

## Projectors

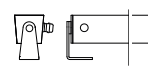


Serie 14



Turner

## Wall light



led.modular



Elgar



Scorel

Light is of fundamental importance in the design of public spaces. In addition to the necessary orientation and security, a pleasant atmosphere is particularly important for prestigious squares, parks and outdoor steps. With SHS lighting equipment, light can be planned for seeing and viewing. Depending on the application, very different luminaires can achieve the desired effect:

- The Hoffmeister MP 260 creates a carpet of light that can also be used for the graphic design of paths and public places.
- The in.ground 50 inground light from Hoffmeister brilliantly bathes trees and bushes in the right light.
- The SILL 14M floodlights provide orientation on the paths and, thanks to additional lenses, create a pleasant atmosphere to appreciate the night time environment.
- The Elgar wall lamp from Sammode provides orientation and creates effects, for example on steps.



Police station, Paris, France. Luminaire: Sammode - Elgar. Architects: Atelier 32 Architects ©Atelier 32 Architects



Saclay Quartier Polytechnique Axe Central, Paris, France. Luminaire: SILL - 14S. Light planner: Concepto. Landscape gardeners: Michel Desvigne ©Francois David



Residential park, Amsterdam, Netherlands. Luminaire: Hoffmeister - MP 260 ©Hoffmeister



**Sammode**

## Sustainable lighting and design



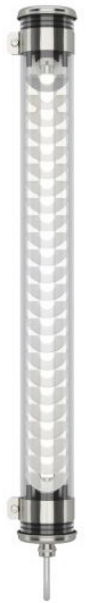
Turner



Scorel



Mondrian



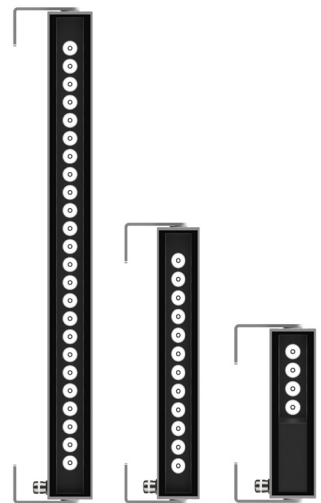
Elgar



Dix

**HOFFMEISTER**

## Precise lighting



led.modular



hi.vertical 2.0



- Facades
- Bridge
- Tower
- Paths and places

# SILL

## High-performance projectors



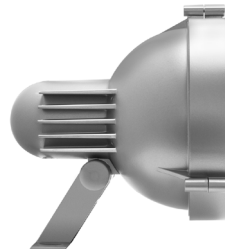
■ MP 260/ 860



■ ■ in.ground



■ ■ ■ 02S



■ ■ ■ 02M



■ 191



■ 190



■ ■ ■ 49S



■ ■ ■ 49M



■ ■ ■ 49L



■ ■ ■ ■ 14S



■ ■ ■ ■ 14M



■ ■ ■ ■ 14L



Imperial War Museum North, Stretford, United Kingdom. Luminaire: SILL - 49. Architects: Daniel Libeskind. Light planning: DHA Design ©Hoffmeister



Old town hall, Lüdenscheid, Germany. Luminaire: Hoffmeister - led.modular (special projector) ©Hoffmeister



## References

### BELGIUM

Begijnhofkerk  
Pues Begrafenissen

Sint-Truiden  
Winksele-Delle

### GERMANY

Berliner Television Tower  
Pedestrian Bridge Krusenick Steig  
Oberbaum Bridge  
Kaiser Wilhelm Memorial Church  
Old Post  
Holbeinsteg Bridge  
Vogtland Hall  
Chile House  
Buschmannshof  
University Library  
Old City Hall  
Turboschnecken House  
Natural History Museum  
Basilica of Constantine  
Vossloh AG House

Berlin  
Berlin  
Berlin  
Berlin  
Erfurt  
Frankfurt am Main  
Greiz  
Hamburg  
Herne  
Ilmenau  
Lüdenscheid  
Lüdenscheid  
Stuttgart  
Trier  
Werdohl

### FRANCE

St-Julien Church  
Château de Cassis  
Sammode Research and Innovation Center  
Les Berges du Rhône  
Paris Expo Porte de Versailles  
Straßburger Münster Cathedral  
Dessert de la Salle Jauréguiberry

Brioude  
Cassis  
Lamotte Beuvron  
Lyon  
Paris  
Straßburg  
Toulon

### IRELAND

Cork City Council  
Mary McAleese Boyne Valley Bridge

Cork  
Dublin

### NETHERLANDS

Residential park  
Erasmus Bridge

Amsterdam  
Rotterdam

### NORWAY

Steibrua Bridge  
Harpe Bru Bridge  
Festung Akershus

Alvdal  
Harpefoss  
Oslo

### POLAND

Legia Stadion

Warschau

### SAUDI ARABIA

Kapsarc

Riad

### SPAIN

Guggenheim-Museum Bilbao  
The Bridge of La Salva

Bilbao  
Bilbao

### SOUTH AFRICA

Nelson Mandela Bridge

Johannesburg

### USBEKISTAN

Gur-Amir Mausoleum

Samarkand

### UNITED ARAB EMIRATES

Atlantis The Palm  
Mall La Mer

Dubai  
Dubai

### UNITED KINGDOM

Selfridges  
Kingston Bridge  
Blackfriars Bridge  
Melissa Gallery  
Spinnaker Tower  
Imperial War Museum North

Birmingham  
Glasgow  
London  
London  
Portsmouth  
Stretford

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

As a family owned business, our three companies share decades of expertise, innovation and excellence. Our industrial expertise sets a benchmark in lighting. 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 our intelligence and service.

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