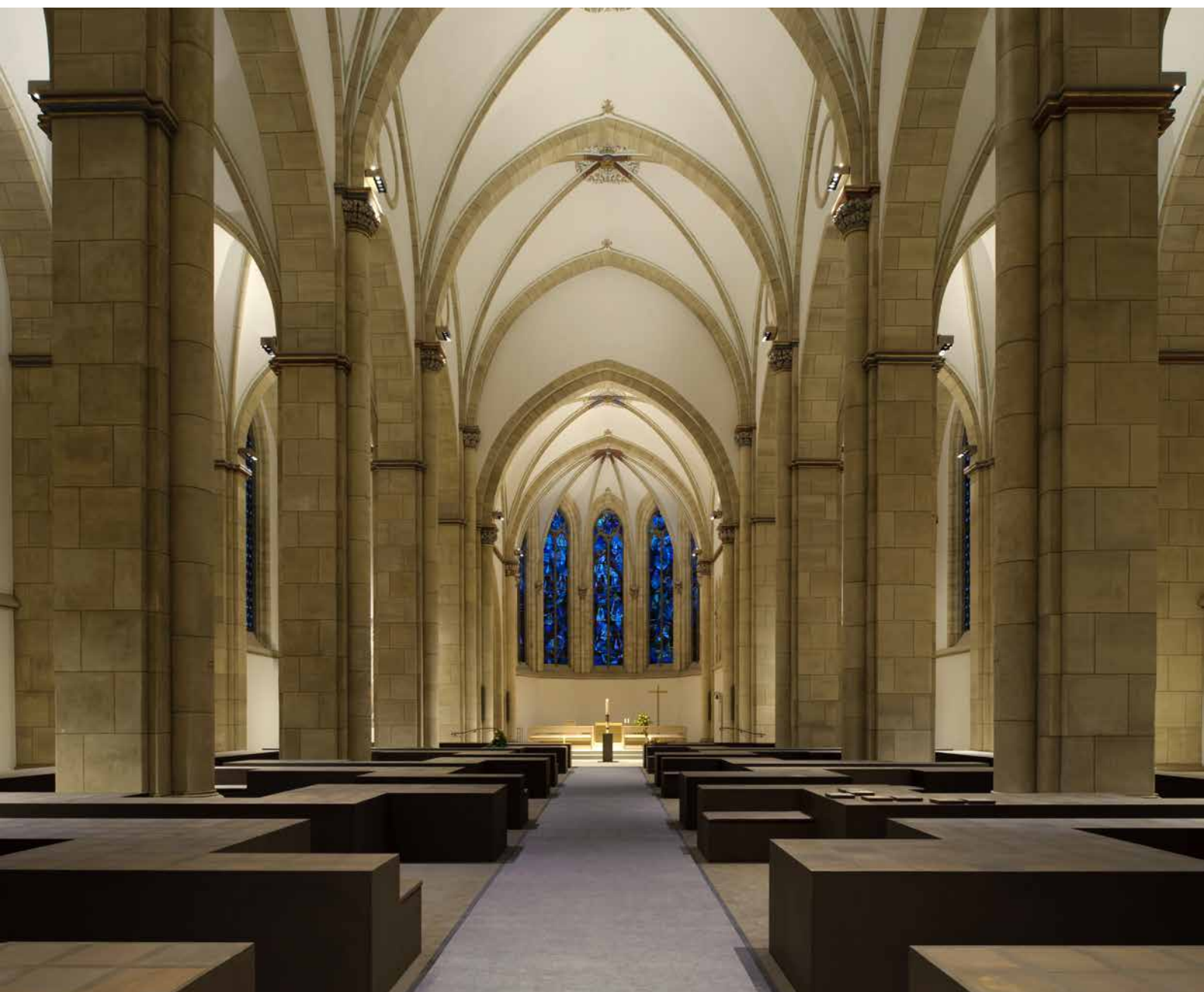


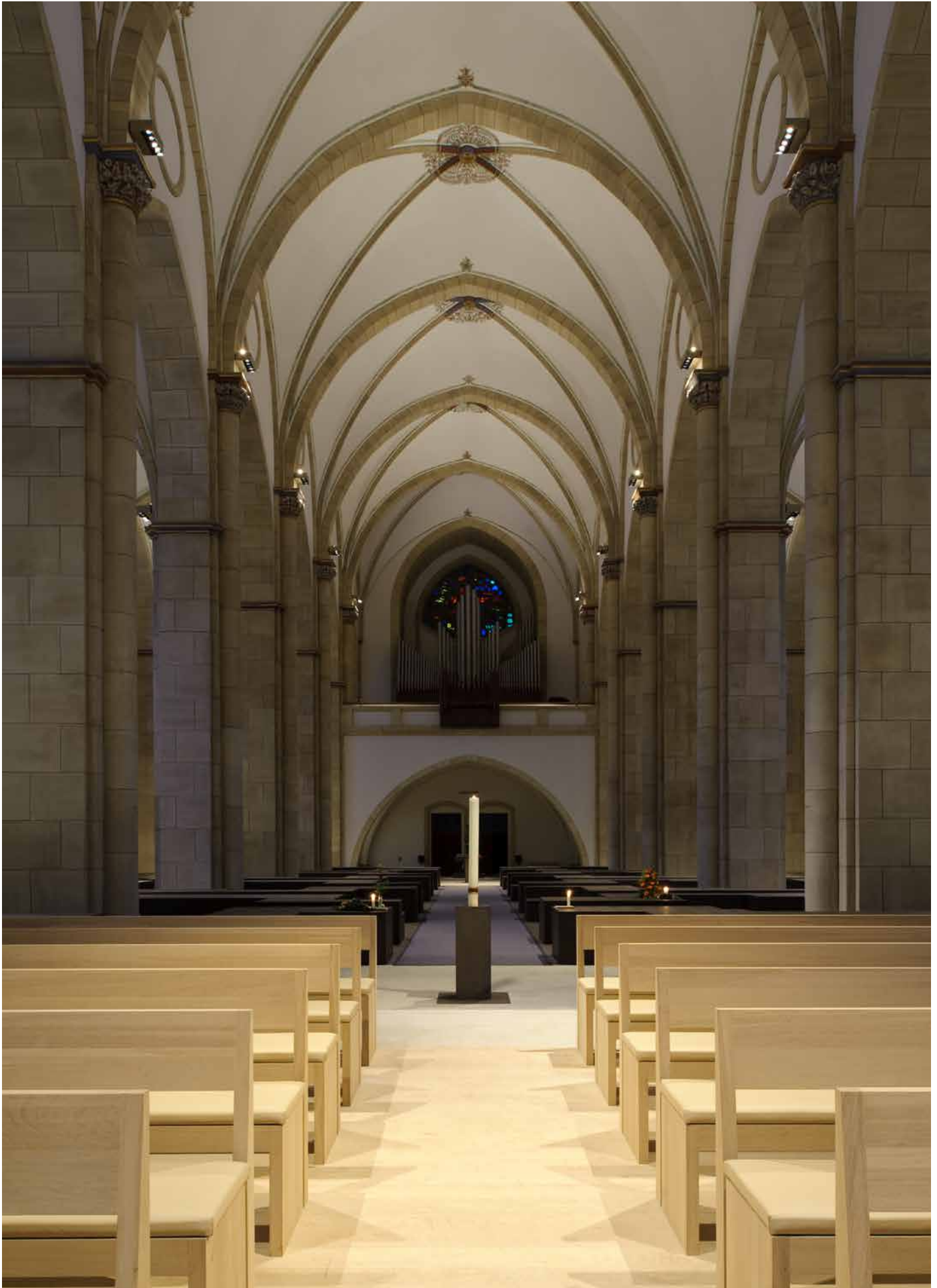
SHS Light Guide

Sacred buildings



HOFFMEISTER

SILL



Grabeskirche Liebfrauen, Dortmund, Germany. Luminaire: Hoffmeister - gin.o 2. Light planning: Licht Kunst Licht ©Martin Höhn

Cover photo: Grabeskirche Liebfrauen, Dortmund, Germany. Luminaire: Hoffmeister - gin.o 2. Light planning: Licht Kunst Licht ©Martin Höhn

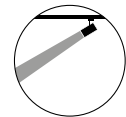
Durable high-performance lights for sacred buildings: Our strengths

Sacred buildings are used for prayers, religious ceremonies, self-composure, meditation, meetings, mourning and celebration of festive days and are regarded as places of rest and reflection. The lighting must suit these different needs and requirements. Light also has a central, symbolic meaning in theology.

The SHS Lighting Group, acknowledged specialists in lighting of sacred buildings, offers efficient luminaire technology with modern LED sources.

Accurate light direction

Our expertise enables us to offer solutions that combine efficiency and accurate light placement: Hoffmeister uses light guided by lenses at different beam angles from Narrow Spot 5° to Flood 45° or Oval Flood for cultural projects.



One light, many opportunities - comprehensive accessories

The highly accurate beam angles can be modified by a holding ring and exchangeable lenses. The accessories can be installed at any time without tools.



Flexible installation solutions for listed buildings

Decades of experience in church lighting have created lighting tools that can be used without interfering with what is sometimes a listed building. This allows the use of highly modern and energy-saving LED lighting tools while reducing the cost of the electrical installation.



A 5-year guarantee

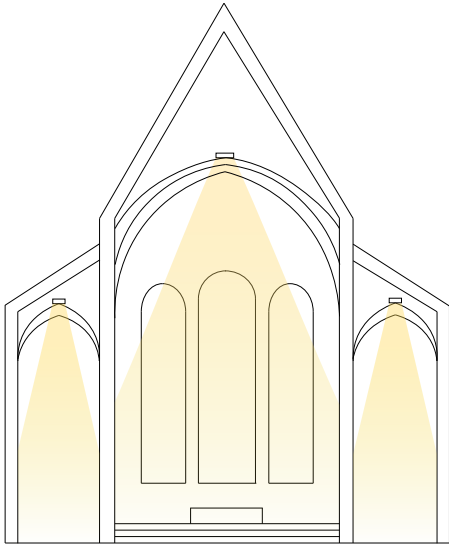
Sammode, Hoffmeister and Sill consistently take their commitment to the quality and durability of their luminaires seriously and provide a five-year warranty for their products.



An expert by your side

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

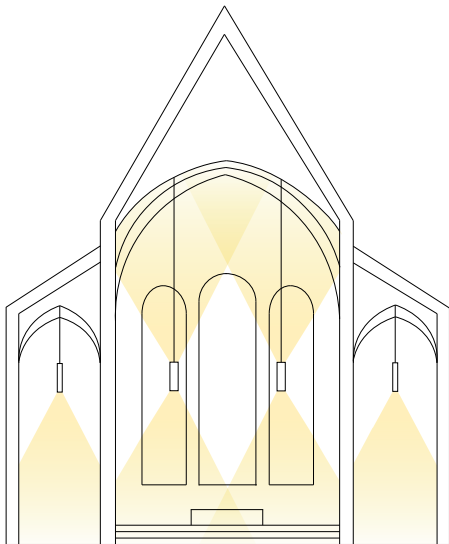
Light concepts for sacred buildings



Even base lighting
with downlights from a great height



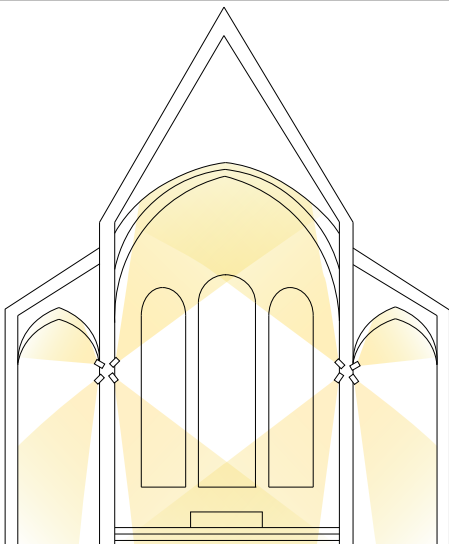
Luminaire: Hoffmeister - complx.150



Traditional church lighting
with precise lighting technology



Luminaire: Hoffmeister - car.a 160



Luminaires designed to blend in with the architecture
allow both the light and the church space to unfold



Luminaires: Hoffmeister - gin.o, lo.nely

Integrated lighting with downlights

Many churches have a vault with ceiling bosses instead of keystones. This architectural component allows the use of built-in lights for basic lighting even in sacred buildings. Powerful downlights, such as the complex.200 with an output of 6000 lm / 10 000 lm also allow illumination of the nave from a height of up to 25 m.



Traditional illumination with pendant lights

Historically, pendant lights are a typical and popular form of church lighting. Our pendant lights have important advantages: With their closed cylinders, pendant lights ensure glare-free illumination and allow an illumination of the nave without major architectural intervention. Additional wiring is usually not required and thus a switch to energy-saving LED lighting is easy to implement. The car.a. 160 offers the option of installing a swivel spotlight at the side of the lamp housing to emphasise the altar or sculptures.



Discreet lighting with spotlights

Lighting distributions without a pendant can be achieved by using hidden spotlights on columns. LED spotlights such as the gin.o or the lo.nely are often installed above the capitals for this purpose. The spotlights have different beam angles, so that the best version for direct or indirect lighting can be determined during the planning phase.

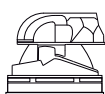


Nave



St. Mary's Church, Killarney, Ireland. Luminaires: Hoffmeister - lo.nely, gin.o. Light planner: New Era Lighting, Ireland ©New Era Lighting

Downlight



complx. IP65
100, 150, 200

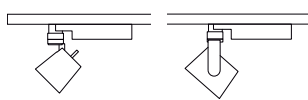
Pendant light



car.a

car.a 160

Spotlight/Floodlight



gin.o

lo.nely

Track



control.x

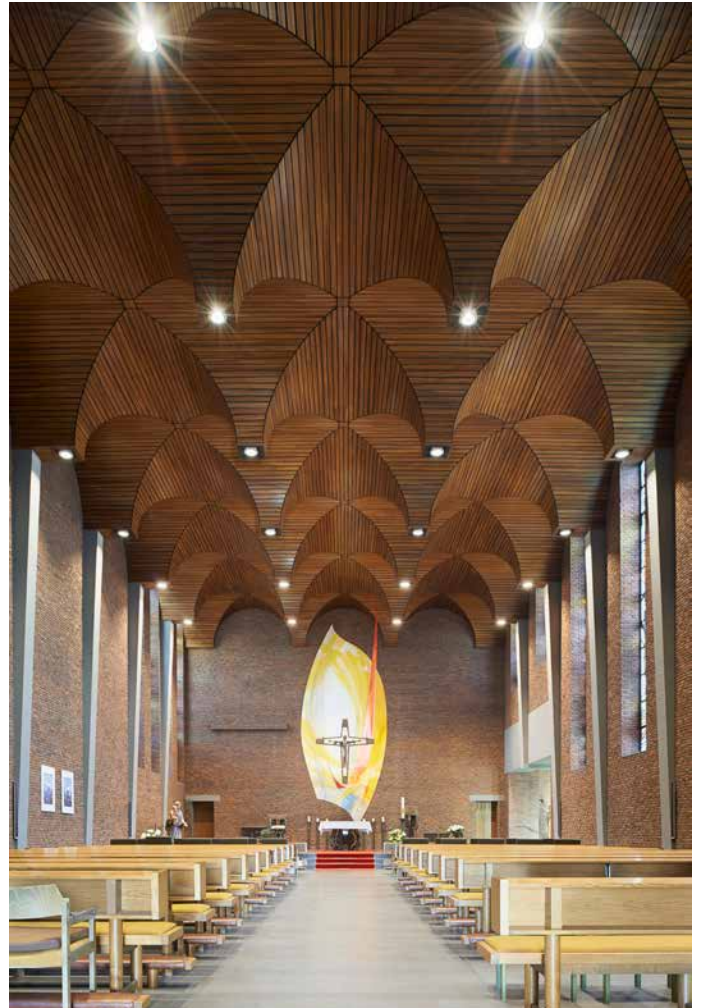
The central nave and the two transepts require good general lighting, taking the architecture into account. The type of lighting depends on many factors.

Historically, typical lighting is done with pendant lights. The car.a 160 pendant light by Hoffmeister has a closed cylinder that offers reduced, glare-free light and installation without major interference with the architecture (e.g. additional cable installations).

However, if visual axes without pendant lights are preferred, we recommend solutions that are integrated in the architecture. The gin.o and lo.nely spotlights, for example, can be positioned and installed so as to provide direct and indirect lighting in an unobtrusive manner. Roof constructions that facilitate the integration of lights provide a good opportunity for even illumination of the nave.



Church of St. Peter & Paul, Weißensee, Germany. Luminaire: Hoffmeister - car.a 160 ©Michael Schönau

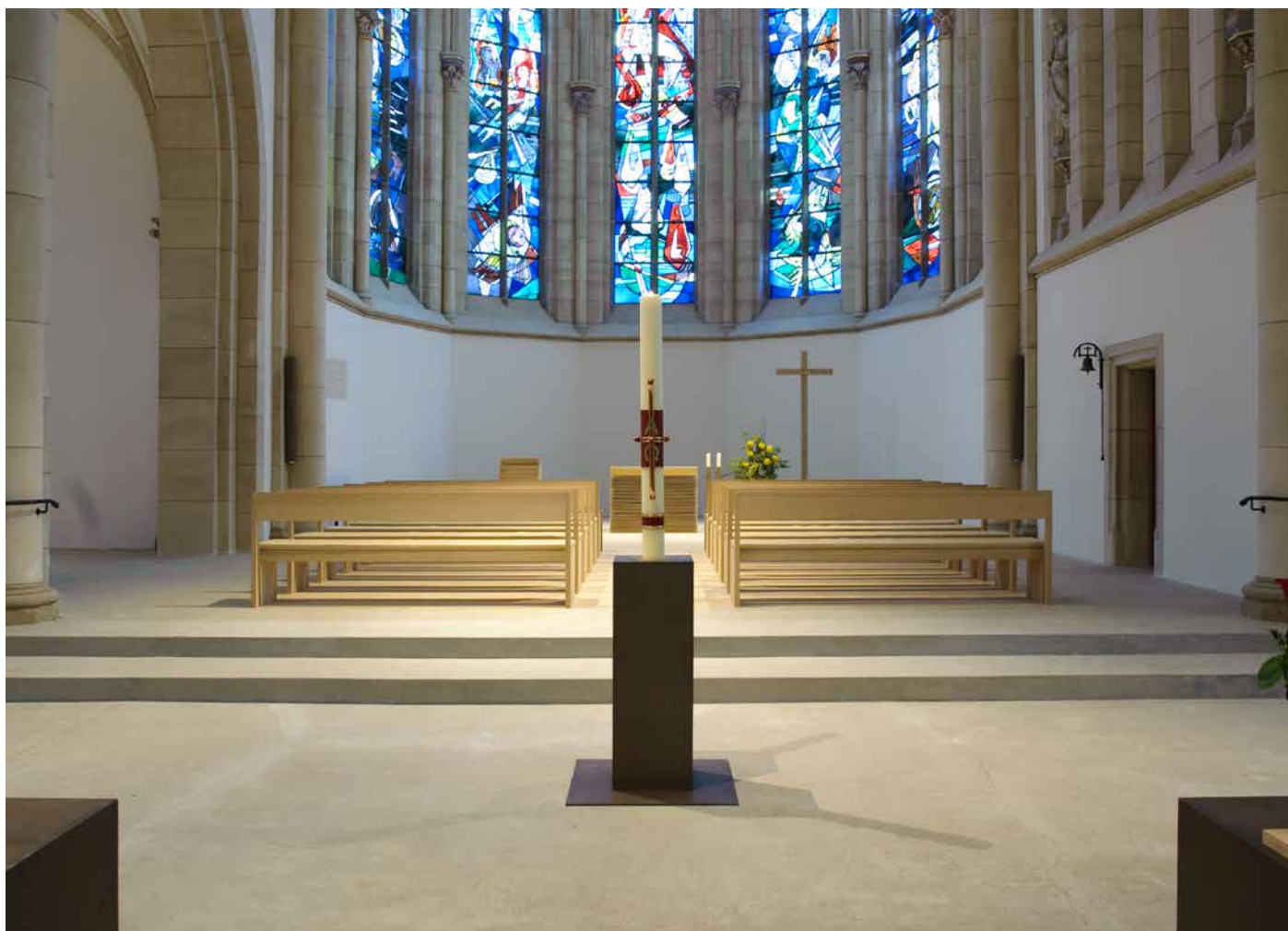


Heilig Geist Convent, Wimbren, Germany. Luminaire: Hoffmeister - DL 200 ©Hoffmeister



Grabeskirche Liebfrauen, Dortmund, Germany. Luminaire: Hoffmeister - gin.o 2. Light planning: Licht Kunst Licht ©Martin Höhn

Altar and choir



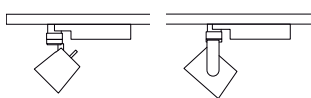
Grabeskirche Liebfrauen, Dortmund, Germany. Luminaire: Hoffmeister - gin.o 2. Light planning: Licht Kunst Licht ©Martin Höhn

Pendant light



car.a 160

Spotlight/Floodlight



gin.o

lo.nely

Track



control.x

The choir area needs different beam angles for the altar, lectern, cross, etc. The light fittings are usually connected to vertically mounted power rails and placed behind the columns.

The control.x power rail can hold a variety of different spotlights with different, very accurate beam angles with an extensive range of accessories.

If pendant lights are also used in the choir to support the architecture and light concept, they can be provided with a flexible range of beam angles. If the pendant lights are used for basic lighting, the spotlights are only needed to emphasise the altar or the cross.



Church of St. Peter & Paul, Weißensee, Germany. Luminaire: Hoffmeister - car.a 160. Architects: Smits + Tandler ©Michael Schönau



Heilig Geist Convent, Wimbern, Germany. Luminaire: Hoffmeister - DL 200 ©Hoffmeister



St. Johannes Church, Ellrich, Germany. Luminaire: Hoffmeister - car.a 160. Architects: Smits+Tandler ©Michael Schönau

SCULPTURES AND EXHIBITS

Accurate light without scattering losses for optimal focus on the sculptures

Spotlight/Floodlight

- gin.o
- lo.nely

EXTERIOR AND FACADE

Powerful lights with accurate light distribution in robust housings with good protection

Inground light

- hi.vertical 2.0
- in.ground

Linear system

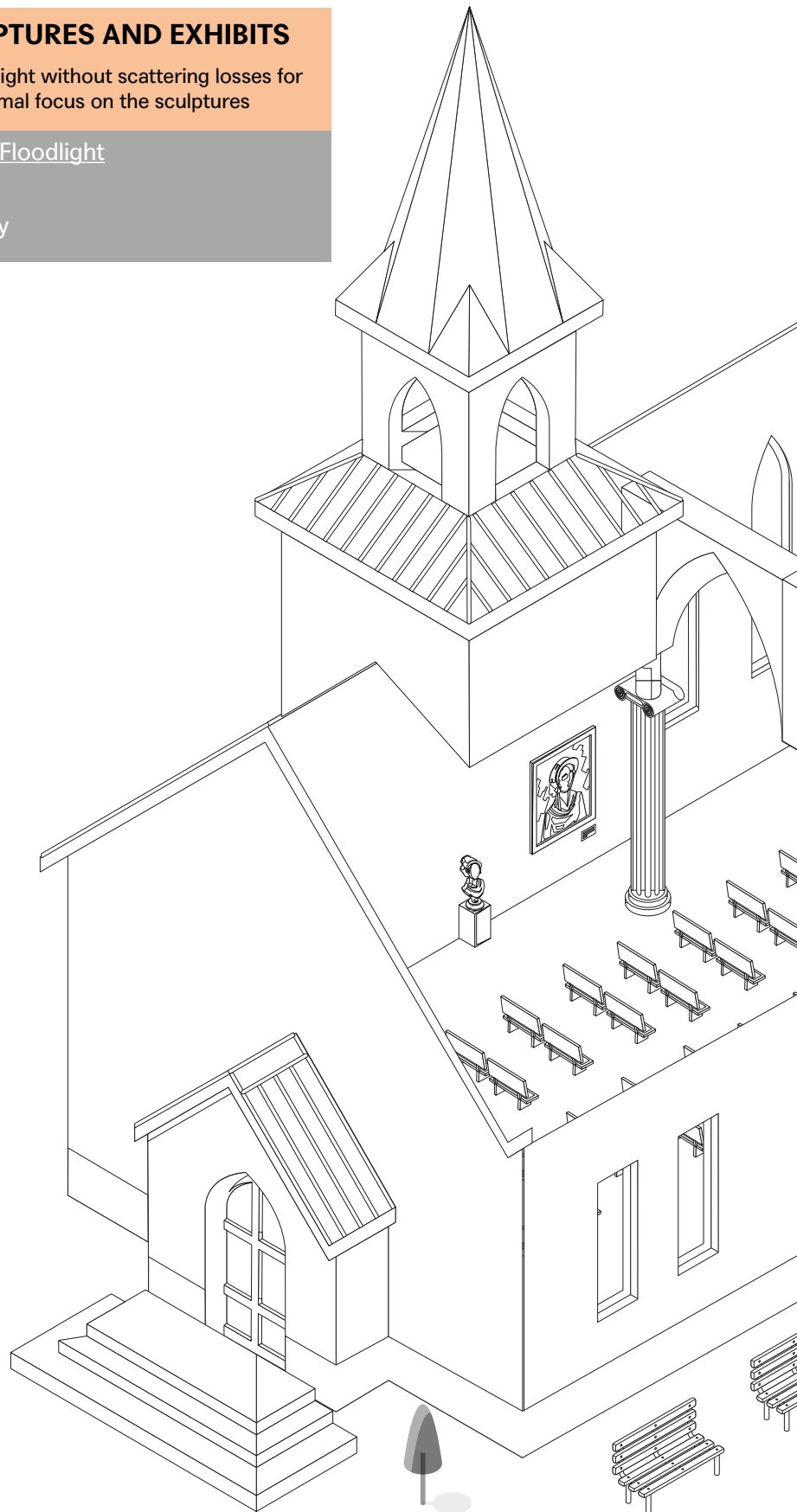
- led.modular

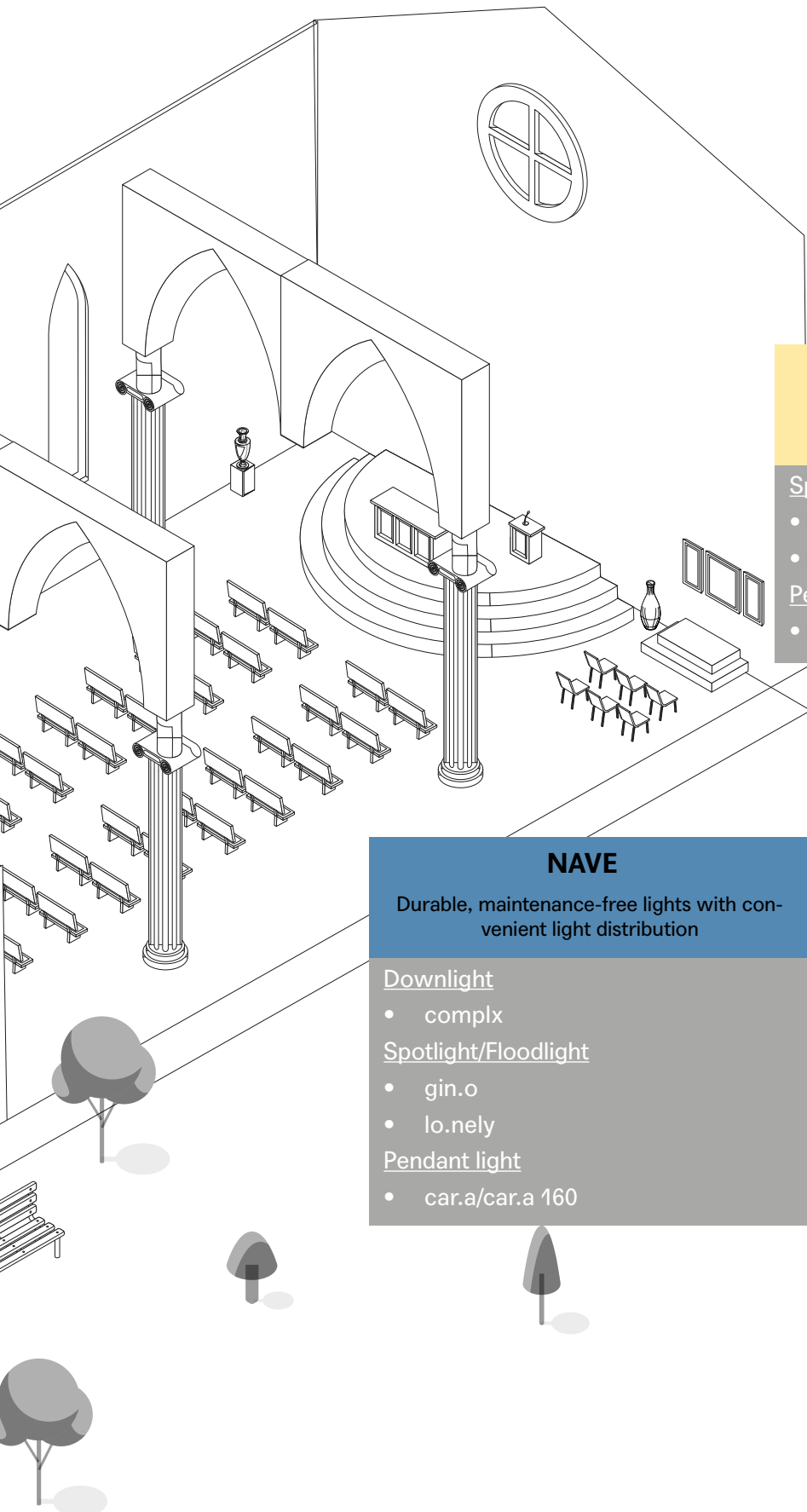
Projector

- lovo
- 49 series
- 14 series

Pathlight

- MP 260/860





ALTAR AND CHOIR

Lights for flexible installation and accurate lighting technology

Spotlight/Floodlight

- gin.o
- lo.nely

Pendant light

- car.a 160

NAVE

Durable, maintenance-free lights with convenient light distribution

Downlight

- complx

Spotlight/Floodlight

- gin.o
- lo.nely

Pendant light

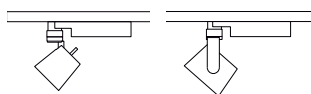
- car.a/car.a 160

■ Sculptures and exhibits



Eglise de Wünnewil Church, Wünnewil, Switzerland. Luminaire: Hoffmeister - gin.o 2. Light planning: Neuco ©Architekturfotografie Gempeler

Spotlight/Floodlight



gin.o

lo.nely

Track



control.x

Three-dimensional sculptures inside of the church or on an outside façade can be emphasised by good lighting. This requires a large range of spotlights with different beam angles.

The gin.o and lo.nely spotlights are perfect lighting tools for sculptures of different sizes. The accurate light technology achieves balanced contrasts by using a narrowly-focused keylight and a more diffuse fill light. This makes every detail visible to the observer and emphasizes the three-dimensional effect.



Diakonissen Mutterhaus Kinderheil, Bad Harzburg, Germany. Luminaire: Hoffmeister - gin.o2.

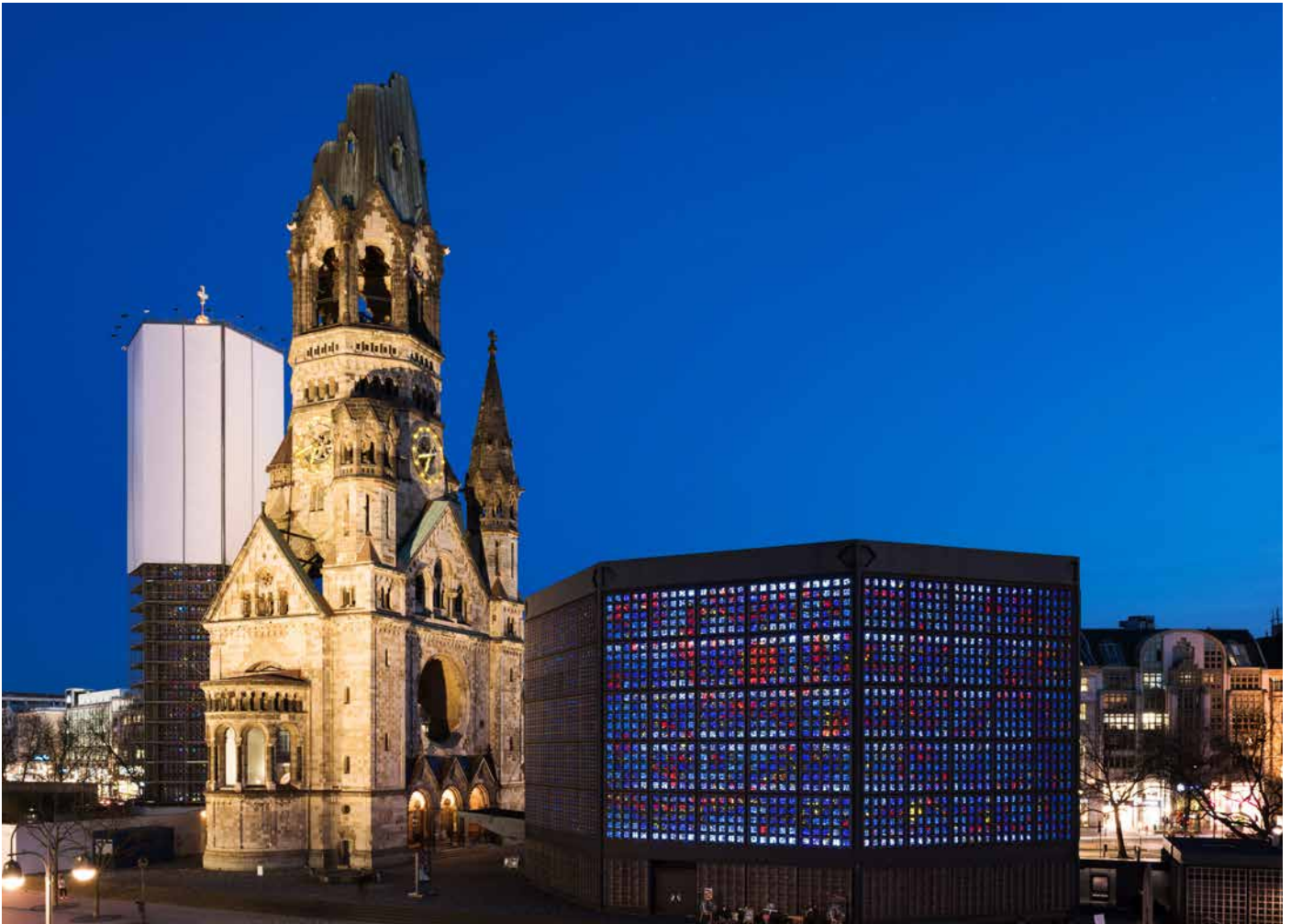


Museum Burg Zug, Zug, Switzerland. Luminaire: Hoffmeister - gin.o. Light planning: Neuco ©Architekturfotografie Gempeler



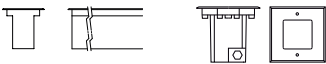
Museum Burg Zug, Zug, Switzerland. Luminaire: Hoffmeister - gin.o. Light planning: Neuco ©Architekturfotografie Gempeler

Exterior and facade

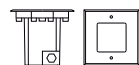


Kaiser Wilhelm Memorial Church, Berlin, Germany. Luminaire: SILL - 49. Light planning: Kardorff Ingenieure Lichtplanung GmbH ©Linus Lintner

Inground light

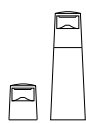


hi.vertical
2.0



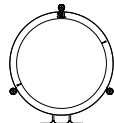
in.ground

Pathlight



MP 260
MP 860

Projector



14 series

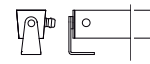


49 series



lovo

Wall light



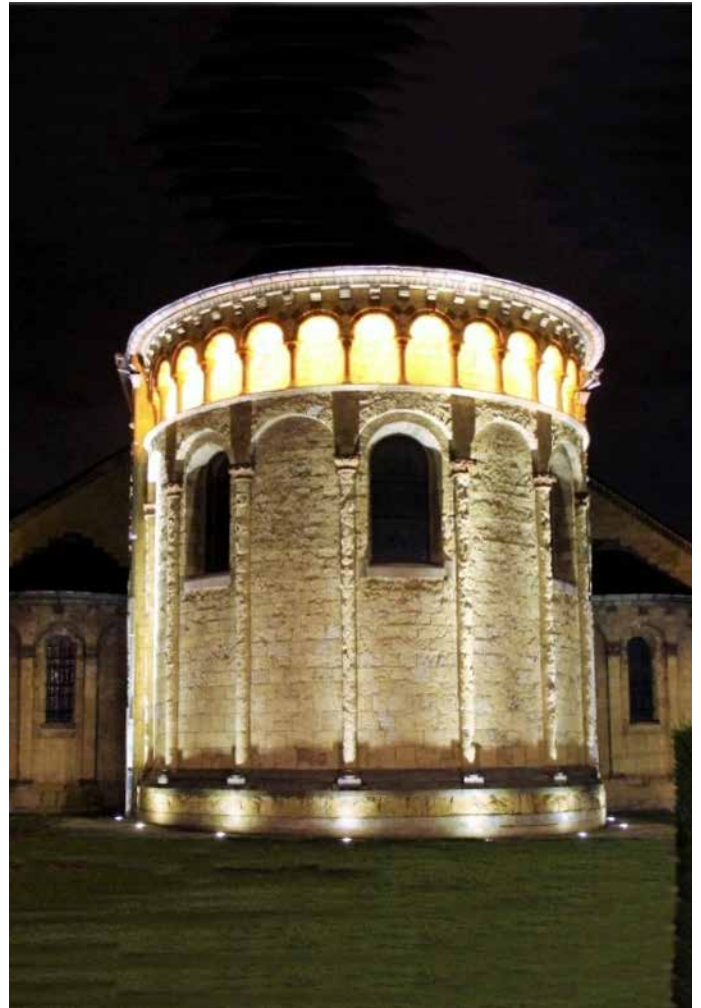
led.modular

The lighting design of a sacred building is very demanding and requires a good knowledge of architecture. Hoffmeister and Sill offer the perfect lighting tools for demanding façade scenes. The spotlights are perfectly suited for the overall external lighting concept as is the case with the Kaiser Wilhelm Memorial Church in Berlin. The objective in this case was to arrange the lighting of the ruin so that it fits in with the other buildings. It should not outshine them, but have a softly illuminated façade that does not compete with the brilliant lights of the new buildings.

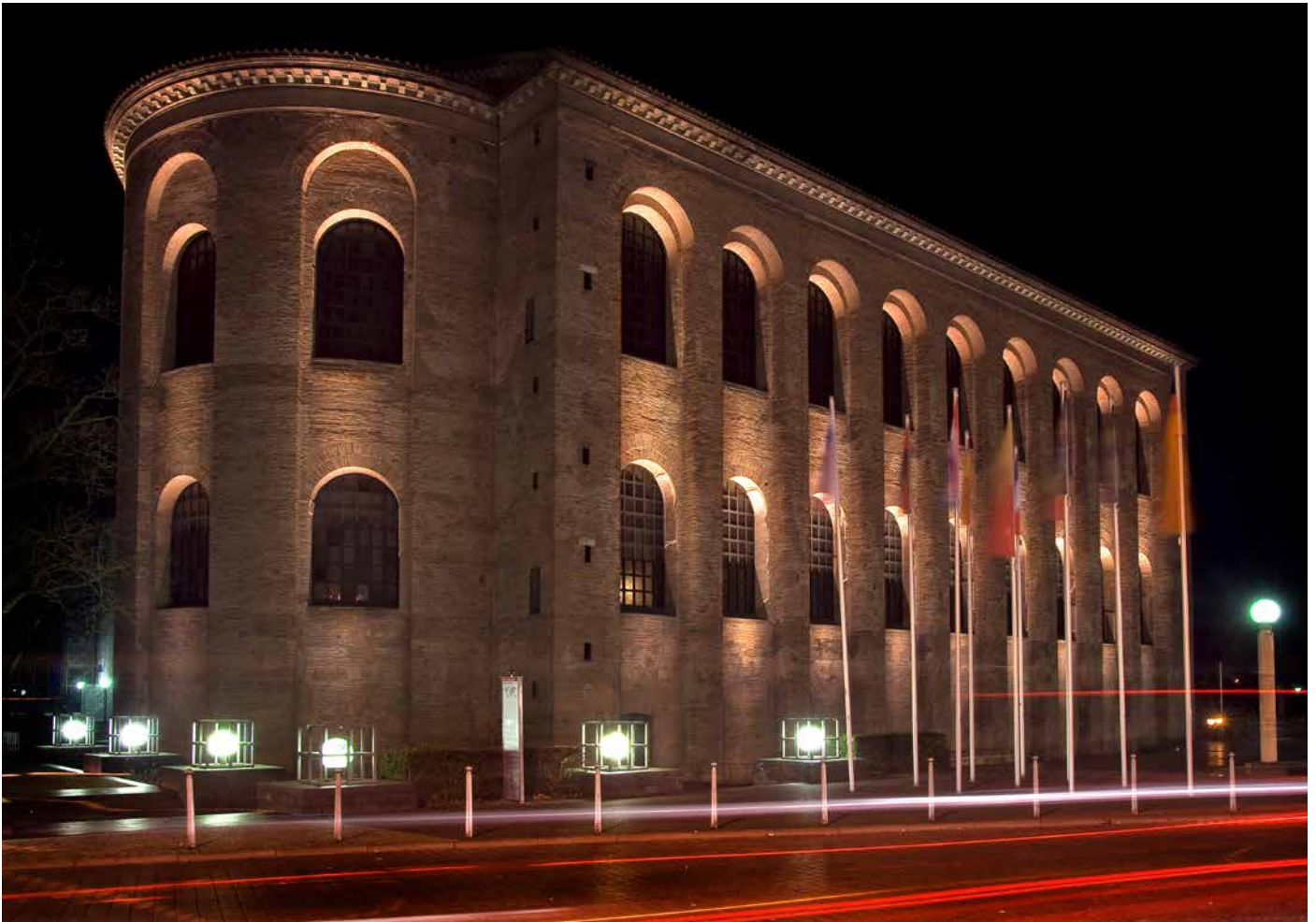
Recessed floor lights with different beam angles and power ratings are available for partial illumination. The led.modular linear façade spotlight is suited to counteracting shadows thrown by ledges. The environment of a church and its access paths can be illuminated almost glare-free with a carpet of light, using the MP260 and MP860 bollards.



Begijnhofkerk, Sint-Truiden, Belgium. Luminaire: Hoffmeister - led.modular ©Hoffmeister



Sint. Pieterskerk, Sint Truden, Belgium. Luminaire: Hoffmeister - led.modular. Light planning: Fosfari ©Hoffmeister



Basilica of Constantine, Trier, Germany. Luminaire: Hoffmeister - in.ground ©Thomas Zühmer

HOFFMEISTER

Precise lighting

control.x



gin.o 1

gin.o 2

gin.o 3

lovo



lo.nely

lo.nely 2

lo.nely 3

lo.nely 4



car.a



car.a 160



led.modular



complx 100



complx 150



complx 200



in.ground



hi.vertical 2.0



MP 260

- Nave
- Altar and choir
- Sculptures and exhibits
- Exterior and facade

SILL

High-performance projectors



■ 14S



■ 14M



■ 14L



■ 49S



■ 49M



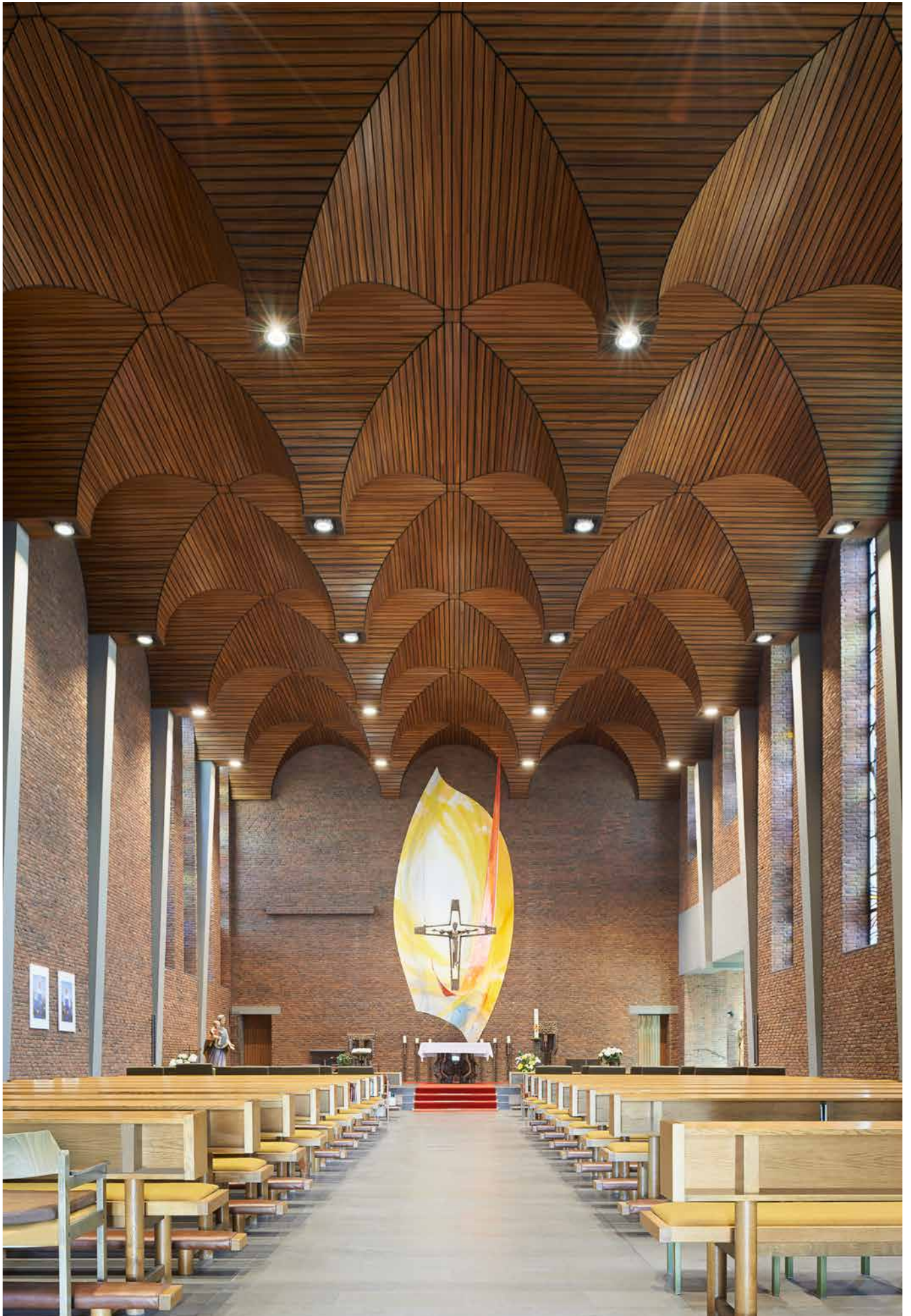
■ 49L



■ 02S



■ 02M



Hoffmeister & Sill lighting in sacred buildings

References

GERMANY

New Church
Kaiser Wilhelm Memorial Church
Grabeskirche/ Liebfrauenkirche
Frauenkirche
St. Johannes Church
Christuskirche Biehla
Michaeliskirche
Sankt Trinitatis zu Molsdorf
St. Bernward
Herz Jesu Church
St. Margareta Church
Stiftskirche
Katharinenkirche
St. Joseph Liemke
Basilica of Constantine
Stadtkirche St. Peter & Paul
St. Birgid Church
Heilig Geist Convent

Berlin
Berlin
Dortmund
Dresden
Ellrich
Elsterwerda
Erfurt
Erfurt
Gifhorn
Lübeck
Münster
Neustadt an der Weinstraße
Reutlingen
Schloß Holte-Stukenbrock
Trier
Weißensee
Wiesbaden
Wimbern

INTERNATIONAL

Church of St. Peter and St. Paul
Norwich Cathedral
Chapelle de Mongazon
St. Mary's Church
Eglise de Wünnewil Church
Monastery of San Juan de la Peña
Mausoleum

Mechelen, Belgium
Norwich, England
Angers, France
Killarney, Ireland
Wünnewil, Switzerland
Huesca, Spain
Samarkand, Uzbekistan

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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