

# Outdoor space in the Context of Architecture

Lightletter by Hess





Dear Sir or Madam,

The varied facets of public spaces are the subject of our four-part title series “People – Spaces – Emotions”. After the expert interviews on the “Meaning and Use of Outdoor Spaces” as well as “Urban Public Spaces”, in this issue we will dedicate ourselves to “Outdoor Space in the Context of Architecture”. For this we have had a detailed discussion with Prof Eckhard Gerber from the architecture firm of the same name Gerber Architekten in Dortmund, Germany.

What is the relationship between outdoor space and architecture? To what extent are local conditions integrated into architectural design? And which creative resources can be used to achieve harmonious interplay between inside and outside? We followed up these and many other questions in our conversation with Prof. Eckhard Gerber.

The merging of building and open space is also a central design feature of the newly built congress centre ICC in the Darling Harbour district of Sydney. The attractive complex considers itself the new cultural heart of the metropolis and houses the largest multifunctional and smart lighting system in the whole of Australia – with multifunctional CITY ELEMENTS 230 illuminating columns by Hess. In our reference report you can find out more about Sydney’s new hot spot as well as the extraordinarily smart CITY ELEMENTS.

You can find this and further exciting topics in our Lightletter.


We hope you enjoy reading our newsletter.

With best regards,

Hess GmbH Licht + Form



**Dr Ernst Smolka**  
Managing Director



**Marco Walz**  
Head of Communications and Marketing

NOTHING IS MORE FASCINATING THAN  
THE INTERPLAY OF LIGHT AND FORM:  
THE FORM GIVES THE WORLD A FACE – AND  
THE LIGHT GIVES IT A CHARISMA.

Oliver W. Schwarzmann, Economic poet

# OUTDOOR SPACE IN THE CONTEXT OF ARCHITECTURE

Edition 3 of our topic series "People – Spaces – Emotions"

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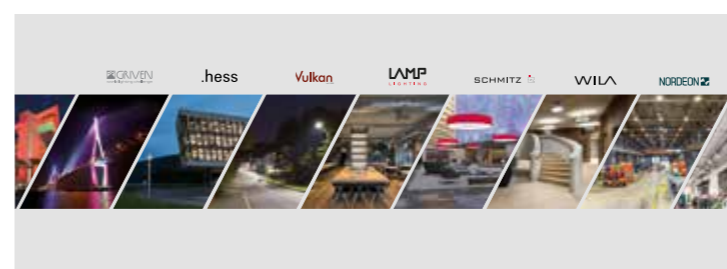
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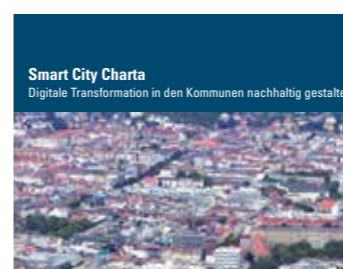
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Lausanne Lumières, Lausanne (CH)

# Outdoor space in the Context of Architecture



Employment Office Dortmund (GER): Two building wings run along the streets forming an angle, leaving a large part of the site shielded from the adjacent streets as a public green space. The tension between city and landscape as a basic design feature is also reflected in the façades, which are closed and clad with stones towards the outside but are filigree and transparent towards the park. (1995 Completion / 1988 Open Competition 1st Prize / Gerber Architekten)

- 1<sup>st</sup> Edition:**  
Importance and use of outdoor spaces
- 2<sup>nd</sup> Edition:**  
Urban public spaces
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The outdoor space of modern work and production facilities

In our series “People – Spaces – Emotions”, we delve into the many facets of public space. To this end, we look at public space from entirely different perspectives in the four editions of our Lightletters.

After interviews with the experts Professor Tobias Wallisser on the “Importance and use of exterior spaces” as well as Professor Hinnerk Wehberg and Wolfgang Betz on “Urban Public Spaces”, we are now addressing the topic of “Outdoor Space in the Context of Architecture”. For this purpose, we conducted an in-depth interview with Professor Eckhard Gerber.

Buildings and exterior space have been closely interwoven with each other since the early days of architecture and maintain interdependence characterised by versatility.

*“Uncovering the uniqueness and constant evolution of a place and giving it a fresh interpretation shapes our design work.”*

*Eckhard Gerber, architect, Dortmund*

Already in the site selection, a building enters into a dialogue with its immediate surroundings, integrating itself into the existing topography through its structure, form, and size in order to create exciting visual relationships between the inside and outside.



Terrific open view from the Volksbank in Krefeld (GER).

## The design is developed from the surroundings of the place

Buildings that have been designed conceptually and creatively, taking into account the local characteristics, history and special features, the so-called “genius loci”, stand as architectural masterpieces.

A carefully coordinated selection of building materials, such as steel, concrete, wood, natural stone or glass, and the deliberate use of design resources such as openness, contrast, transparency, colour and light determine the design of the interior and exterior spaces.

Views to the outside make it possible to experience the specific characteristics of the location and create memorable impressions of the space.



The floor-to-ceiling glass façade of the University of Würzburg (GER) offers a view into the nearby vineyards.

## The exterior as an image factor

For a number of years, exterior space has become increasingly important as an image carrier for universities, business, administrative and industrial locations: Exterior space is being rediscovered as a planning tool for upgrading the quality



The campus of the Justus Liebig University in Giessen (GER) and public urban spaces are tied together artistically to form one unit.

*“Architecture without an overarching context of city and landscape remains an autistic artefact.”*

*Volkwin Marg, architect, Hamburg*

interweaving of buildings as a place to live or work and the quality of open spaces is increasingly important, especially for new construction projects. The resulting high structural density in cities and municipalities increases people’s need for attractive living and recreational areas as expressions of a liveable environment.

of open spaces. This new awareness of exterior space and its role as an impetus and an integral part of an overall concept enriches the structural appearance, makes it attractive for users and creates identity.

In many current urban and industrial projects, the building and adjoining exterior space form a planning and design unit.

Both elements complement each other into a functional and aesthetic whole, adding lasting urban and architectural value.

## The inside and outside as a design unit

Against the backdrop of sustainable global developments such as urbanisation, close



With its great differences in height, the topography of the immediate vicinity of the Justus Liebig University in Giessen (GER) is included as a defining element in the design of the inner courtyards.





**EXPERT INTERVIEW**

**Prof Eckhard Gerber:  
Outdoor space in the Context  
of Architecture**

**What role does outdoor space play in planning a building?**

**Gerber:** Our goal has always been to view buildings and landscape as a unit. In this respect, the exterior space has a very high priority for us.

We are nearly the only office in Germany that also plans outdoor areas and outdoor installations in our own office.

We have a separate department for this – just for landscape planning.

**What design approaches contribute to successful integration of architecture and landscape into a given urban situation?**

**Gerber:** This is a very broad field. Certain design approaches can't be formulated for outdoor installations, because there are not very many features to work with.

Those of importance are the topography, walls, stairs, high and low plantings such as trees and hedges, and green lawns or cobbled open spaces.

**How are existing urban development structures integrated into design concepts for new buildings and related outdoor areas?**

**Gerber:** Each structural task starts with an analysis of the site and its circumstances, the orientation, the topography, the issue of perspective, existing landscape elements and built spatial borders.

All these are fundamental factors for planning a new building and the associated outdoor areas.

**In your opinion, is there an example that stands out, and what is special about it?**

**Gerber:** As a matter of fact, I could provide the example of Parc de la Vilette in Paris, which opened in 1983. It was a large international competition, and this contest signalled the kick-off for a whole new design approach in landscape planning, namely the “rediscovery” of geometrical forms and elements that had been taboo for decades. This kind of design was a matter of course from the baroque to the classical period. Subsequently, principles of the English landscape garden became more and more established in open-space design.

An essential prerequisite for the design of an urban or built space is its drainage. In all earlier examples, the design of a square went hand-in-hand with drainage. For example, for the square of Siena or the Piazza del Campidoglio in Rome, the entire pictorial design of these squares resulted from the flow of water. This is a basic function for a square and even today is a very important aspect of square design.



The radial structure of the square of Siena serves primarily as drainage. The water flows to the central bottom point of the shell located there.



Gerber Architekten / Dieter Leistner

The architecture staged the view into the surrounding landscape of the University of Würzburg.

**About Gerber Architekten**

Our goal as a team of architects, urban planners, landscape designers, engineers and interior designers is to create places that affect people and awaken their desires, places people like to visit and linger in, spaces that are tangible and accessible as a matter of course.

These should be structures that improve the urban and landscaped environment with their beauty and simplicity and contain exciting spatial arrangements which are clear and natural with regard to the orientation from outside in and inside out.

With 50 years of experience, we can offer a wealth of expertise and competence. We currently employ a staff of 170 organized in project teams consisting of architects, engineers, interior designers, and landscape designers in our offices in Dortmund, Hamburg, Berlin, Riyadh and Shanghai.

**About Professor Eckhard Gerber**

- 1938 Born in 1938 in Oberhain, Thuringia
- 1959 - 1966 Study of architecture at the Technical University Braunschweig, Scholar of the Promotional Association of the company of Reemtsma, Hamburg
- 1966 Founding of the office "Werkgemeinschaft 66"
- 1973 - 1975 Graduate Teaching Assistant University of Dortmund Chair Prof. Deilmann
- 1975 Advancement Award for Young Artists of the State of North-Rhine Westphalia for 1974 in the Field of Urban Development and Architecture
- since 1979 Gerber Architekten in Dortmund-Kley, successful participation in competitions in Germany and abroad, numerous architectural prizes for implemented buildings
- 1981 - 1992 Professor at the University of Essen – GHS – in the disciplines of fundamentals of design and applied design theory for architecture and landscape management
- 1990 - 2004 Professor at the University of Wuppertal in the disciplines of fundamentals of design and drafting for architecture
- 1992 - 2010 Chairman of the Dortmund Art Association (Dortmunder Kunstverein)
- 1995 - 1999 Dean of the University of Wuppertal, Department of Architecture
- 2004 - 2012 Professor in the disciplines of fundamentals of design and drafting in the master programme REM & CPM at the University of Wuppertal
- since 2008 Gerber Architekten Hamburg, from 2012 with landscape planning
- 2011 Advisory Board of the City of Bielefeld
- since 2012 Gerber Architekten international GmbH in Berlin
- since 2013 Gerber Architekten international Asia GmbH in Dortmund

Member of BDA [Association of German Architects], DWB [German Association of Craftsmen], regular service as jury chair at national and international competitions, spokesman at national and international conferences.



Hess

Many construction projects aim for harmonious interaction between the interior and exterior. What kind of advantages result from this harmony?

**Gerber:** A harmonious outcome should always be the result of what we do, so that people can enjoy it. On the one hand, interplay between buildings and landscape and between interior and exterior is important due to the existing topography, which should be incorporated into the building as much as possible, and, on the other hand, is also essential for the orientation in a building. This is done entirely through the perspective to the outside so that, in this way, the most beautiful views possible are staged and presented.



The Spa House Badenweiler (GER): It is not a building in the park, the whole building is just landscape - the whole roof surfaces are terraces or green areas.

What effect does an attractive fusion of indoor and outdoor spaces have?

**Gerber:** I would like to answer this by describing a project that has always fascinated me: the Spa House (Kurhaus) in Badenweiler (GER), which dates back to the 60s and 70s of the 20th century. Badenweiler is an old spa town with a castle ruin on a hill. The Spa House is located just below the castle at the foot of the hill in a park.

Due to the topography, it is possible to enter the building on different levels. In the centre of the Spa House is a glass hall which connects all the floors and is flooded with light. Entering the building on the lowest level, you can look up through the glass roof of the hall to the castle ruins on the hill. A massive natural stone staircase connects all the floors, giving the impression of the castle flowing over this staircase into the building.

This is a very unusual example of successful combination of the inside and outside that often influences me personally in my work.



The view from the glass hall of the spa house in Badenweiler (GER) extends from the lowest level up to the castle ruins on the hill.

Through the aesthetic interlacing of interior and exterior spaces, spaces are created that affect people emotionally and make spaces tangible.



Does it also work to deliberately create contrasts?

**Gerber:** This is the basic principle of art and architecture. Beautiful pictures stand out by establishing a contrast and then bringing this contrast into harmony again.

By taking stock of all these things, conceptions are developed piece by piece, allowing highly complex tasks to eventually become logical and harmonious. Then we are able to further develop a coherent concept.

We work with contrasts, that is, with opposites that together create harmony.

This is art.

If you plan a building with associated external space, how do you approach it as a project?

**Gerber:** We have such a great profession. We start each task playfully, after prior analysis, of course. We build models and experiment with blocks and volumes to find out which cubature best fits together or contrasts with other existing factors such as buildings, existing plantings and topography.

Does the history of the place play a role in your projects?

**Gerber:** Yes, of course. If we are building in a historical setting, we conduct ourselves quite differently than if we are working "on a blank canvas", so to speak.

When building on an existing site, one thing is fundamental: change as little as possible in the basic concept and basic disposition of a building – a very simple principle. This point is easily conveyed to the developers, because only respectful handling of the original building structure makes it possible to develop authentic new solutions.

Are there "fixed parameters" that you need to adhere to or that can be found in all your work?

**Gerber:** I start with four principles of form: the closed cube, the framework (supports, beams), the hovering roof and freely facing walls. These principles can be connected to one another as desired: for example, the hovering roof over walls facing each other like in the Barcelona Pavilion by Ludwig Mies van der Rohe (World Exposition 1929).

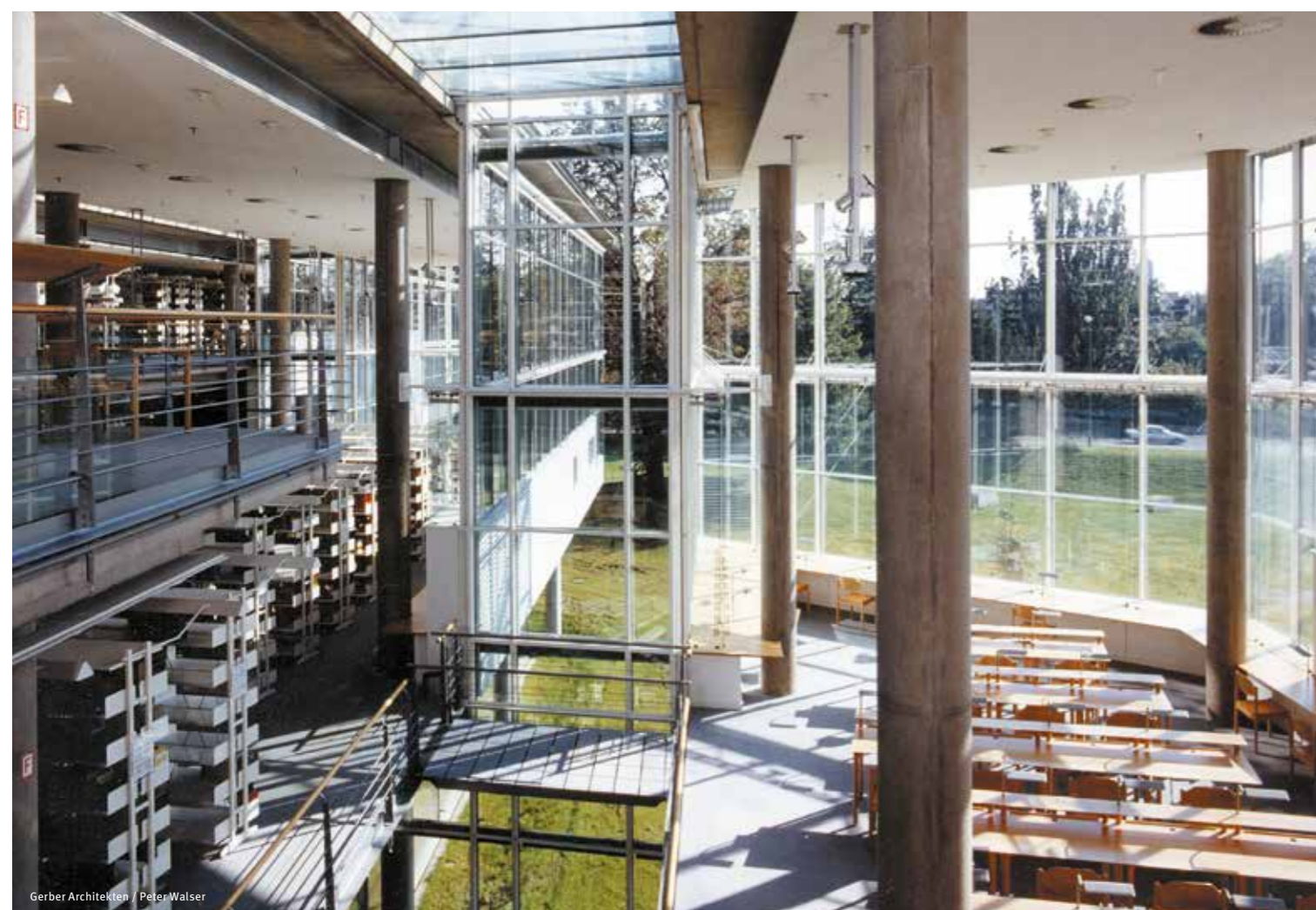
In addition, there are the three basic geometric shapes – square, triangle, circle. You can derive the free curved form from the circle and the free bent form from the triangle, which means there are five forms to choose from – three geometrical and two free ones.

The declination of the four design principles with the five forms provides an infinite variety of design possibilities, which we can also find very nicely in the entire work of Mies van der Rohe.



With the above-described method of designing buildings and space, orderly insight into the structure of the multilingual architecture of modernity is achieved. The project of Gerber Architekten in Ascona (CH), for example, is based on the principle of mullion supports and beams.

That is actually the entire foundation of architecture. Every architectural work and virtually all of modern architecture is based on these design principles.



The very open and light-flooded interior spaces of the state and university library in Göttingen (GER), covering several floors, affords a variety of visual relationships to the outside.

"We have such a great profession – we start each task playfully."



**More than ever, new buildings for company locations, university buildings or local governments are an expression of a mission statement and a corporate identity. How does this influence your work and design?**

**Gerber:** If we are planning a building for a company, we want to know what philosophy underpins the company. We have to determine how to present the structure of the building – understated or imposing? In doing so, many facets and subtle nuances must be taken into account in order to filter out how strongly pronounced a building should be – for example, prestigious, purely functional or rather understated.

To find out what is important to clients and how they feel means engaging with people and the company philosophy. In our diverse and multilingual world, we as architects should be able to find the design language that aligns with the client.



The design of the new Allianz headquarters in Stuttgart (GER) features a wide range of views between interior and exterior in the generously landscaped inner courtyards.

We just won a competition for a major project: Allianz Insurance in Stuttgart. The company is planning its headquarters there for 4500 employees with the concept “New Working Worlds”. In the decision for the competition, the company philosophy played an important role in assessing the individual submissions.

We won them over with our design. It represents what the company wants to be in the future: open to the outside as a part of the public, and with open, free and flexible

working worlds for the employees on the inside.

A great quality of the design is the spatial experience within the “New Working Worlds”, which is characterised by a wide range of perspectives in the inner courtyards generously landscaped in green as well as in the surrounding landscape and throughout the entire complex.



The six buildings of the new Allianz complex are grouped around a square with an ancient oak tree as a natural monument.



With its generously open outdoor spaces, this concept won the competition for the new building complex for Allianz Insurance in Stuttgart (GER).

**What role do materials play for you in regard to the building and outside space?**

**Gerber:** We completed a beautiful project in the 1970s and 1980s, the Civic Centre (Stadhalle) in Hagen (GER). It stands at the edge of an old stone quarry, a broken-out oval, in a unique landscape with standing rock walls and many isolated boulders.

The civic centre completes this form of the quarry. Through our design, we succeeded in letting this special stone and rock landscape flow into the foyer of the hall, making it and the outside space of the quarry practically one unit. We even placed rock boulders in the foyer and incorporated the bedrock in the structure of the building.

This resulted in an interplay between the built structure and the natural rock landscape.

In addition, we designed the building itself entirely out of glass, which in turn contrasts as a fragile material with the crag and stones from the immediate surroundings.

According to the commission, the Civic Centre was to be placed into the oval of the quarry, with rocks some 50 to 60 meters high



In order to establish a visual relationship to the city of Hagen (GER), the Civic Centre was deliberately built at the edge of the quarry (1st prize in 1974, completion in 1981).

in some cases. I did not do that. Rather, I deliberately placed the Civic Centre in front on the edge so that it also has a visual relationship to the city.

The oval itself was preserved as a scenic open space and recreational area.



Like a finely cut crystal, the Civic Centre in Hagen (GER) rises from the rocky landscape of the quarry and presents itself as a successful interplay of contrasting materials.

**What role does the value of the materials play?**

**Gerber:** Each material has its own features and leaves an impression or feeling. Glass, for example, is fragile and transparent; stone is hard and solid.

Constructing a building from only one material can also have a special charm. One of our first school buildings was built completely with exposed concrete, both inside and out. In doing this, we placed great importance on having all doors and cabinets as coloured wood elements to contrast with the concrete walls. Through this interaction, a friendly and stimulating atmosphere emerges in the school building in terms of both look and feel.

Wood always has a special value, especially for the interior. I am also referring to natural

wood flooring, wood ceilings and wood walls. Every natural material, including natural stone, has high perceived value.

When you take a material like concrete, concrete blocks or terrazzo flooring, that is a perceived value that is altogether different. It is not correct to say that one material is more valuable than the other – it has to be matched to the use and the context.

In this sense, you have to re-adjust the material selection from project to project. This is also a question of the philosophy of the company and the developer.



The open line of sight to Johanniskirche [St John's Church] in the centre of the city of Hagen (GER).





**Light is gaining in importance as a design element. How important is light in terms of design and atmosphere in your projects?**

**Gerber:** Light, whether daylight or artificial light, is always a very important part of our work. Daylight is a significant factor in determining the alignment of the buildings and spaces. When daylight is no longer sufficient, it must be supplemented or replaced as optimally as possible by artificial light. With the use of artificial light, buildings and space can be staged in a precisely atmospheric manner.

The change between day and night is often a wonderful experience. If, for example, I see an old house in the sunlight during the day and then again in the evening, when it is illuminated, it is a completely different experience.



View from the RWE Tower on to the St. Reinoldi Church in Dortmund (GER).

The use of light is a very exciting subject; you have to work at it in order to achieve optimal results. Precise planning is required to illuminate a building successfully both internally and externally. This is not only true about the building itself, but also about trees and plants, which can also be accentuated. A great deal can be achieved here too with appropriate lighting.

**How important are luminaires that can do more than provide light?**

**Gerber:** Luminaires with additional functions such as built-in loudspeakers, cameras and WLAN are gaining in importance, especially against the backdrop of the “Smart City”. These aspects have intensified to a great extent in recent years.

Luminaires whose design makes it possible to accommodate such additional functions in a way that makes sense are particularly appealing.

**How important is the daylight effect for you, in other words the design of a luminaire in the outdoor space?**

**Gerber:** The design is remarkably important, because the luminaire is also there during the day when it is not shedding light. The design should be adapted to the location and environment.

**What is the importance of illuminating buildings or specially designed exterior spaces?**

**Gerber:** When I go to my home in Eisenach in Thuringia and see the illuminated hilltop castle Wartburg in the evening, it is simply wonderful! I cannot imagine not illuminating architectural structures like that today.



The Wartburg Castle in Thuringia (GER) now gloriously illuminated at night.



The aesthetic interlacing of interior and exterior spaces creates places and spaces that affect people emotionally and which deserve to be well lit both by day and by night, as here in the case of the Dortmund Volksbank.



View from the hall of the Magdeburg MDR broadcasting studio in the direction of the Cathedral.

*“As an architect, I can create such a visual relationship and when the cathedral can be seen for an hour in the background of a talk show, then emotions are evoked in the viewers, leaving a lasting impression.”*

When we designed the TV and radio building for public broadcaster MDR in Magdeburg, we ensured that the entire broadcasting station had open views through a large glass hall facing the Magdeburg Cathedral – one of the most important Gothic edifices in Europe.

The cathedral also had to be illuminated, of course. It is the real visual relationship from this broadcasting studio, which was important to me. When a talk show takes place in the building, the cathedral can be seen in the background.

As an architect, I can create such a visual relationship and when the cathedral can be seen for an hour in the background of a talk show, then emotions are evoked in the viewers, leaving a lasting impression.

**Thank you for the interview, Prof. Gerber.**



## New hotspot in Sydney (AU): Darling Harbour

Darling Harbour, a cultural and recreational district in Sydney, is just a stone's throw from the metropolitan city centre and offers a variety of leisure and entertainment facilities, including hotels, restaurants, cafés, shopping centres, museums and attractive open spaces.

With the newly erected convention and event centre ICC along Darling Harbour Boulevard, the district is set to become a world-class event venue and the cultural heart of Sydney.

Local benchmarks are being set with the largest multifunctional and smart outdoor lighting system in Australia – with specially manufactured and multifunctional CITY ELEMENTS 230 illuminating columns from Hess.





The 20-meter-wide Darling Harbor Boulevard is the central promenade in front of the new convention center. In the evening multifunctional CITY ELEMENTS lighting columns spread pleasant light and feel-good atmosphere.

**From commercial port to Sydney's largest recreation district**

The vibrant Darling Harbour district offers everything you need for an entertaining time out in the Sydney metropolis: a spectacular waterfront location, numerous attractions and a diverse cultural and event program.

The erstwhile commercial port, named after former governor Ralph Darling, has developed since the 1980s into the city's largest recreational area with fantastic opportunities for fun and leisure.

**New convention and event centre ICC intended to culturally enliven Darling Harbour**

Today Darling Harbour is experiencing the most exciting revitalisation in the history of the waterfront. At the end of 2016, the International Convention Centre Sydney (ICC) was opened as part of the "Darling Harbour Live" project on a 20-hectare site on Cockle Bay. It is a prestigious and state-of-the-art convention, exhibition and entertainment

centre with much greater capacities for a wide variety of events than the previous 30-year-old Sydney Convention and Exhibition Centre it is replacing.



The old Sydney Convention and Exhibition Centre.

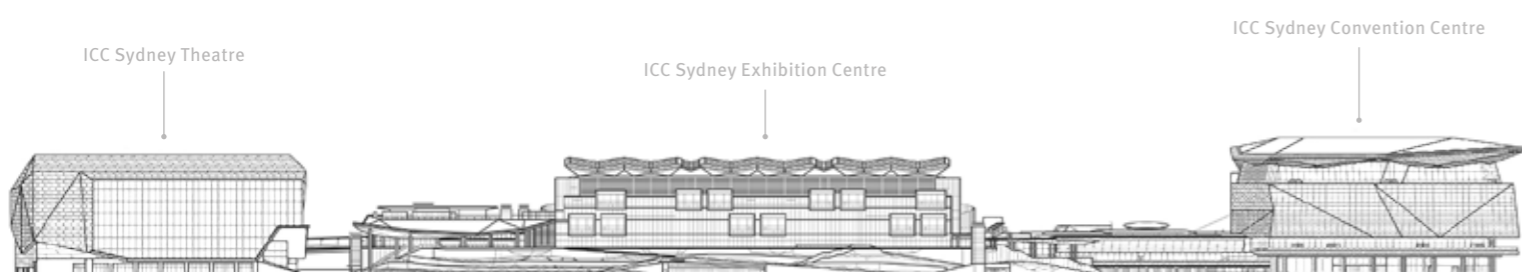
The complex consists of three adjacent buildings: In the north a five-storey convention centre, in the middle Australia's largest trade fair and exhibition area (ICC Sydney Exhibition Centre) with 35,000 square meters of exhibition space distributed over seven halls and a gallery, and in the south the entertainment theatre (ICC Sydney Theatre) with seating for 8000

visitors. The newly constructed Darling Harbour Boulevard – a 450-meter-long and 20-meter-wide pedestrian esplanade – serves as a connecting axis that is embedded in newly created open spaces. They invite you to linger with water features, sculptures, seating and a magnificent view of the Sydney skyline.

The attractive convention district links the centre with the harbour on the outskirts of the city and is intended to revitalise Darling Harbour economically and culturally.

***"This district will reflect the dynamism of Sydney's cityscape and redefine Darling Harbour."***

"This district will reflect the dynamism of Sydney's cityscape and redefine Darling Harbour," reports project manager Richard Breslin from the architectural office Populous, which developed the design concept for the convention centre on behalf of the Darling Harbour Live Consortium in collaboration with the planning offices Hassell and Lendlease.



Further concerns of the participating partners were making improvements to the park-like landscape in a sensitive manner as well as adopting a smart and multifunctional lighting concept in order to make the outdoor space more pleasant by day and night.

"With the landmark convention centre, the boundaries of the building are set back so that the landscape becomes part of the building. The rooms look out upon the park, terraces function as open-air meeting rooms, and a huge 5000-square-meter area on the roof serves as a platform for large events.



From the green terraces of the ICC, a glorious view of the Sydney skyline opens up.

It is a fusion of architecture and landscape, so to speak, of inside and outside," says project manager Richard Breslin, explaining the essential design criteria for the ICC.

The project-specific lighting solution, with its multifunctional illuminating columns CITY ELEMENTS 230 from Hess, perfectly integrates itself into this sophisticated philosophy.

**Lighting concept**

**Illumination, effect lighting and multifunctionality combined in one column**

**The largest multifunctional and smart lighting installation in Australia – with CITY ELEMENTS from Hess**

"Light plays a vital role here in attracting and entertaining people. That's why the implemented lighting solution is not just about helping people see. It supports safe orientation, complements the architecture and creates an almost theatrical atmosphere with sophisticated effect lighting", says principal lighting designer Mike Sparrow from Lendlease, describing a key element of the lighting concept.

"The lighting on Darling Harbour Boulevard is unique. It is currently the largest multifunctional and smart lighting installation in Australia," adds Dr. Walter Wendel from the Australian Hess subsidiary Form+Light, which was involved in the lighting concept.

In addition to the uniform lighting of Darling Harbour Boulevard and the adjacent Darling Square according to the Australian P7 standard for pedestrian zones, the planners wanted to integrate additional features, including coloured effect lighting as well as loudspeakers, cameras and power supply options, into a minimalist and attractive lighting structure.

***"The lighting on Darling Harbour Boulevard is unique. It is currently the largest multifunctional and smart lighting installation in Australia."***



The integrated effect lighting accentuates attractively the free spaces during the evening hours.



With its individual elements that can be combined and equipped as desired, the multifunctional HESS illuminating column CITY ELEMENTS with a diameter of 230mm proved to be the perfect solution for all requirements. The CITY ELEMENTS, which in this case are 9 meters high, were designed specifically for Darling Harbour with specially modified elements. "The CITY ELEMENTS from Hess impressed us both aesthetically and in terms of function. No other 9-meter-high illuminating column provides all of these features," says Dr. Walter Wendel.

**Perfect light for every requirement**

A total of 30 specially configured CITY ELEMENTS 230 were installed along Darling Harbour Boulevard and another 11 CITY ELEMENTS 230 on Darling Square. The luminaires have a largely identical design at both locations: In the top element, two LEVO LED modules in the light colour 4000K ensure homogeneous illumination of the pedestrian areas.

Under them are two intermediate elements with laterally offset light outlets, each equipped with an RGBW spotlight of type Jade 16 by GRIVEN, the sister company of Hess specialised in architectural lighting. These provide decorative accentuation of the trees at the edge of the pedestrian zone.



A total of 30 specifically modified CITY ELEMENTS were installed along the Darling Harbor Boulevard. All lighting modules are linked to a DMX controller.



JADE 16 RGBW

In order to stage different lighting scenes including dynamic colour change and dimming, all light elements are connected with a DMX controller.

**CITY ELEMENTS 230**

Equipped with effect lighting, speakers, camera elements and integrated sockets for power supply.

**Multifunction ensures added value**

The CITY ELEMENTS were also equipped with various multifunctional components. All of the illuminating columns are equipped with two Bosch loudspeakers, each with 75 watts for a powerful listening experience – providing clearly understandable announcements and the ability to play background music, for example.

In addition, selected columns are also equipped with two camera elements and integrated sockets for an external power supply.



Two integrated speakers can be used for announcements or for background music.



**High-quality finish – paint resistant to maritime air in a special colour**

The lacquer coating and thus the appearance of the luminaires is adapted to the climatic conditions and to the special architectural features of the ICC.



The special finish of the lighting columns in "Hunter Red" matches perfectly with the façade elements of the ICC Theatre.

For example, all CITY ELEMENTS are equipped with a paint finish resistant to maritime air in the distinctive hue "Hunter Red" (RAL 3011), which is repeated on the façade of the ICC Theatre. The illuminating columns are thus in complete harmony with the façade.

**Maritime district continues to be revitalised**

The revitalisation of the port area in Darling Harbour is still far from being complete after the opening of the modern Conference Centre. Additional new construction projects will get into the starting blocks by 2020.

These include the "Ribbon Project"; a new destination hotel, office, retail and entertainment district in the immediate vicinity of the ICC convention centre. For Darling Harbour, the best prerequisites for becoming a hotspot in terms of lifestyle, culture and entertainment ...

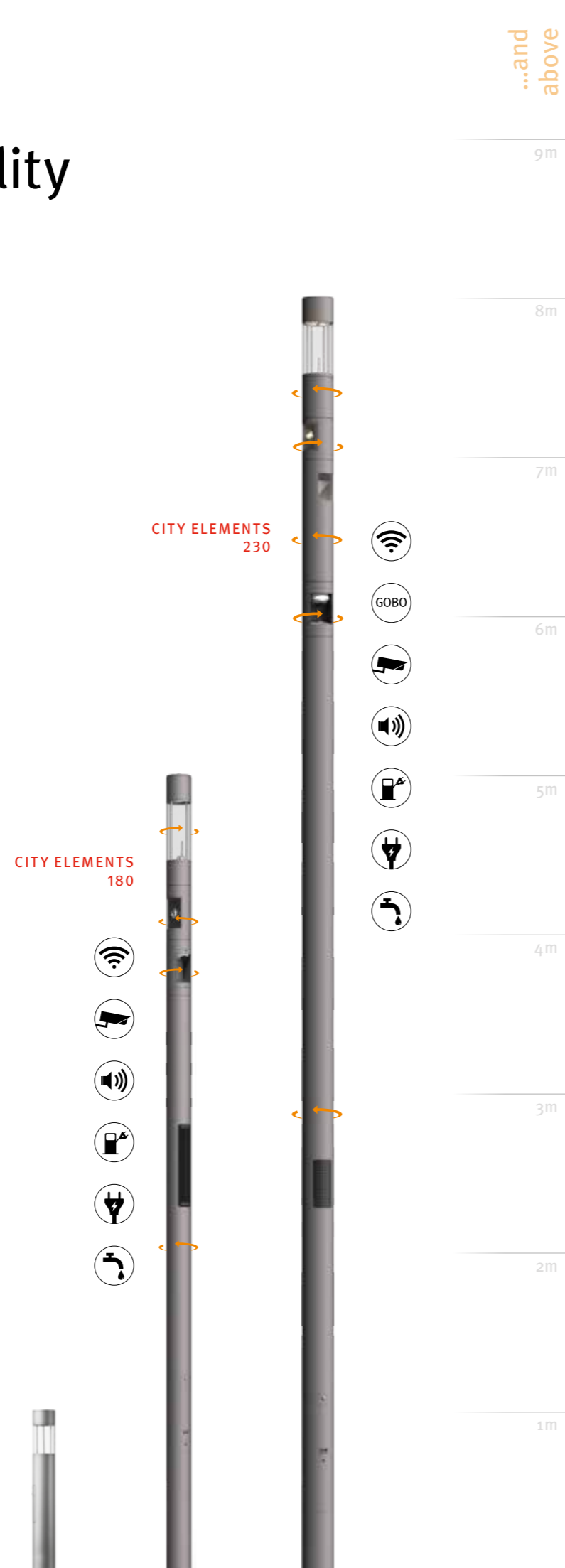
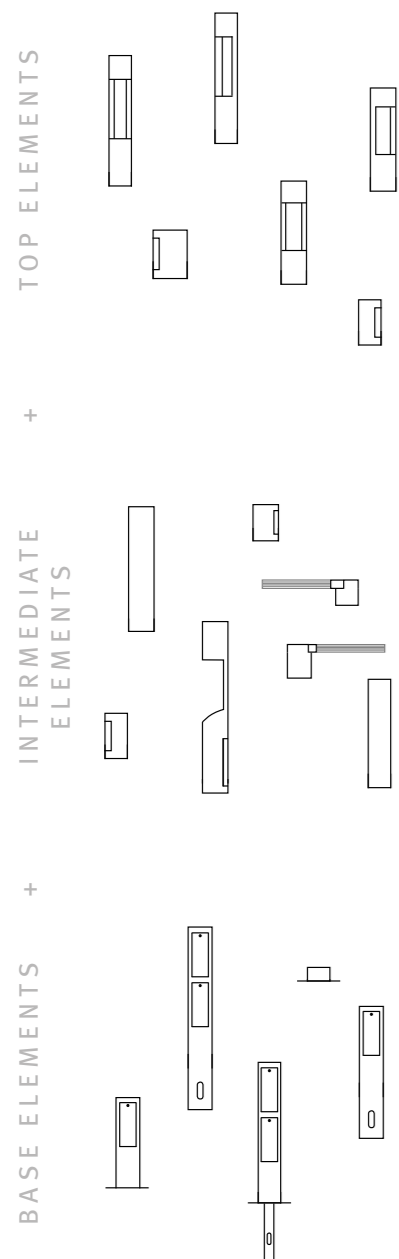
**Planners and participants:**

Client: Darling Harbour Live Consortium  
 ICC design and exterior design: joint venture between the architectural offices of Populous and Hassell  
 Project partners: A NSW Government project, ICC Sydney was delivered in partnership with Darling Harbour Live, comprising Lendlease, Hostplus, First State Super, Capella Capital, AEG Ogden and Spotless FM  
 Developer: Lendlease  
 Additional project partners: Large-scale installer Stowe, electric wholesaler Pulvin Composite  
 Lighting concept: Lendlease in cooperation with the architectural office Hassell  
 Luminaires: Special edition CITY ELEMENTS 230  
 Photos: Robert Walsh; Fotolia; iStock;  
 Form and Light Pty Ltd

# CITY ELEMENTS: Maximum functionality

CITY ELEMENTS from Hess is a lighting system that is suitable for all requirements in the city as well as in front of representative and high-profile buildings.

These modular illuminating columns are suitable for almost all lighting tasks and fit perfectly with the existing urban surroundings as well as a wide array of architectural requirements thanks to their individually combinable base, intermediate and top elements, two different diameters, various lighting technologies and variable heights of up to 9 meters and above.



CITY ELEMENTS 180 BOLLARD

## More than just light – more than just a luminaire

In addition to the lighting tasks such as square, façade, street and effect lighting, CITY ELEMENTS can be used to implement additional functions and supply solutions for a variety of urban and usage-related requirements. There are practically no limits to the requirements they can meet.

Whether a camera for security-relevant areas, a loudspeaker for announcements and entertainment, WLAN for unlimited connectivity or projections for attractive displays – the possibilities are endless.

Simply smart.

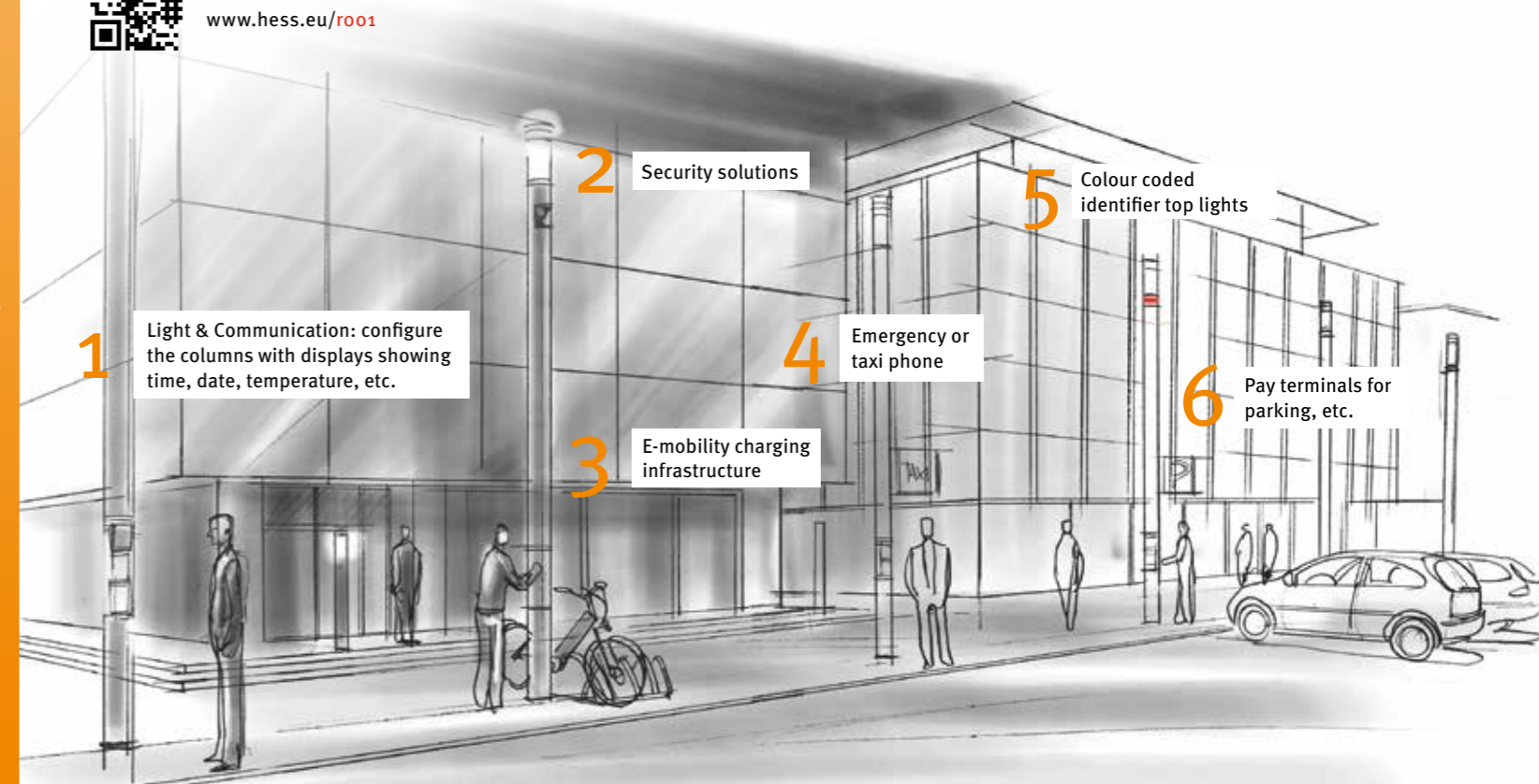
CITY ELEMENTS – made by Hess.

 CITY ELEMENTS product website  
[www.hess.eu/3400](http://www.hess.eu/3400)

 CITY ELEMENTS References  
[www.hess.eu/root](http://www.hess.eu/root)



Variable heights of up to 9 meters ...



... what are your requirements?

# Hess – Enhancing urban spaces

Hess is your partner when it comes to appealing design of outdoor urban areas. The broad portfolio of exterior lighting fixtures is supplemented by high-quality site furnishings in unique, Hess-typical design.

Integrated concepts and customised made-to-order solutions can be implemented across urban and outdoor spaces in line with our slogan “Enhancing urban spaces”.

Discover our range of site furnishings – to meet your individual needs.



**Luminaire**

Model: VEDO

**Tree guards**

Model: ALGARVE

**Planters**

Model: PALMA R

**Barrier systems**

Model: SALEM

**Waste receptacles**

Model: CARPO

**Tree grate**

Model: CONCORDE

**Bicycle racks and shelters**

Model: TENDO

Our site furnishings are designed for demanding conditions while allowing for the highest design requirements.

Selected materials such as solid cast iron, pressure-impregnated ash or galvanised steel lend the products a unique look and feel.

Complex refinishing techniques emphasize the high quality and ensure maximum durability – for example through the use of a lacquer coating resistant to maritime air or special anti-graffiti protection.

High quality down to the last detail – just as you are accustomed to from our luminaires.



CORVUS Bench



MORANO Power and water bollards



Site Furnishings catalogue  
[http://www.hess.eu/en/Service/Download/20160504\\_Hess\\_Stadtmobiliar\\_2014\\_EN.pdf](http://www.hess.eu/en/Service/Download/20160504_Hess_Stadtmobiliar_2014_EN.pdf)

Site Furnishings (product selection)



TREE GRATES

TREE GUARDS

BENCHES

WASTE RECEPTACLES

BICYCLE RACKS AND SHELTERS

BARRIER SYSTEMS

POWER AND WATER BOLLARDS

PLANTERS

REGOR Barrier bollard (Vichy, FR)

BELVEDERE Tree grate, ALGARVE Tree guard (Bautzen, GER)

CORVUS Bench (Los Angeles, US)

# Dr Ernst Smolka, new Managing Director of Hess



Marco Walz talks to Dr Ernst Smolka.

**Since July 2017 Dr Ernst Smolka is the new Managing Director of Hess. Some 3 months after his appointment we asked him about his first experiences, his goals and about himself.**

*Mr Smolka, you have been Managing Director of Hess since 1st July 2017. What is your first impression?*

I may say that I've really been welcomed here with open arms. I have come across an absolutely trusting work climate and the employees' commitment to the company and their identification with it, is more than perceptible. The mood is clearly optimistic – the people want to change something.

*You are an absolute expert in the lighting industry. In your opinion, how does Hess set itself apart from the rest of the market?*

I've been in the lighting industry for more than 20 years, that's why the answer is easy for me. Hess is the expert company for form and design.

What's more, Hess was and is, to all intents and purposes, a trend-setter for new technologies. Hess is at the forefront, when it comes to "customising" & "multifunction" – that's to say functions beyond the light itself. To name a few examples, there are features such as cameras, loudspeakers or WLAN.

In these matters the company has already possessed the relevant know-how and also the relevant products and solutions for many years.

*Which trends and developments are looming on the horizon today in the lighting sector?*

A trend which still continues is the transition to LEDs. Many consider this topic to be passé and therefore old, but it is more current than ever – we are in the middle of a conversion to this technology and therefore it concerns the whole sector.

Another big topic is digitalisation, which is advancing very rapidly. An enormous expansion of the market is emerging here – which means considerable chances and great potential, especially for Hess.

The luminaires can be used as an "overground network" – an amazing opportunity for towns and communities. Camera systems, loudspeakers, hotspots for mobile devices, or measuring and collection systems for environmental data or management systems can also be integrated into the "lighting infrastructure" – and thereby help the town to evolve into a SMART CITY.

On the one hand to become generally more efficient and sustainable. On the other, to be attractive for inhabitants, visitors and businesses.

*Which priorities are you setting for the future development of Hess to further strengthen its position as a premium manufacturer operating on an international basis?*

Hess is premium, no question about that – premium in design, premium in material and feel, premium in regard of quality. Hess has already seized the topic "digitalisation" as described here already, with some products and therefore already has a good basis.

It is important to expand on this basis and to accelerate the innovative strength of Hess. Always connected to the company's DNA and strengths – and those are and remain beyond light "form and design".



We also want to grow – nationally as well as internationally. However, one thing here is important: While growing we must allow a sense of proportion to prevail. We want to display healthy growth.

In all our dealings we allow ourselves to be guided by a very important issue: Our customers. The satisfaction of our customers and the fulfilment of their wishes and requirements is our key premise.

**Now just a few questions about yourself:**

*How would you characterise yourself?*

I enjoy occupying myself with new topics as well as creating new structures and launching initiatives, developing a vision and a strategy with a team, tapping into new markets and thus – together with a whole team – shaping the future.

At the same time honesty, reliability, loyalty and fairness are very important values for me.

*How do you reconcile family and career?*

For me there is a pretty clear division. From Monday to Friday my focus is on the job, the weekend and holiday time belong to the family. So far my wife and both our children have fared very well with that.

*What do you like doing most, to leave the working day behind you?*

Sports! Tennis, running and cycling help me tremendously to cope with the stress and leave the working day behind me.

## About Ernst Smolka:

Ernst Smolka (53) completed his studies in physics at the University of Karlsruhe in Germany and at Oregon State University in the USA and obtained his doctorate degree at the Light Technology Institute of the Faculty of Electrical Engineering in Karlsruhe. He brings with him extensive managerial expertise as well as many years of professional experience in the sector.

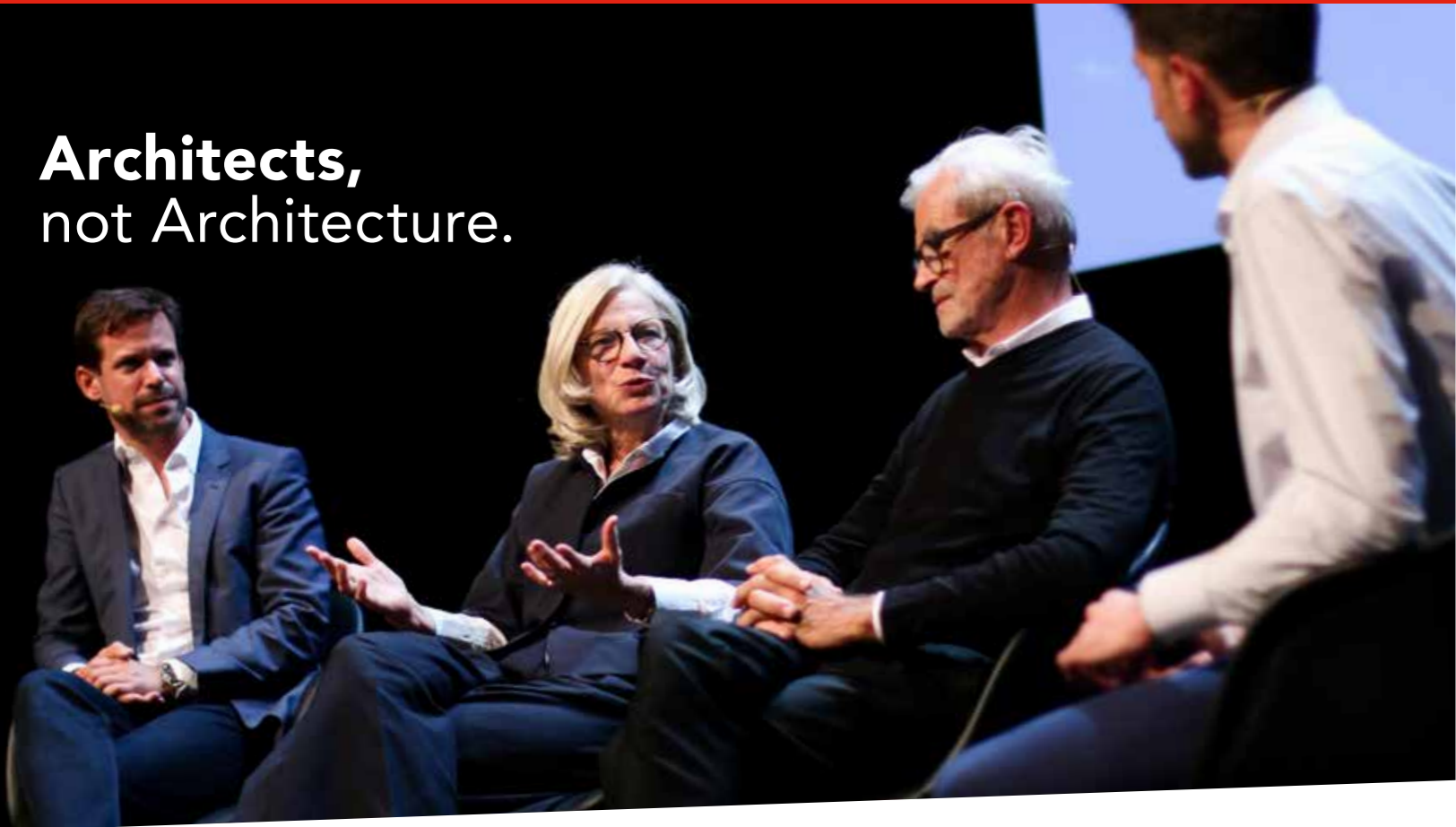
Since the beginning of the 1990s, Ernst Smolka has held many executive positions, including technical director and director of research and development, as well as business management positions with responsibilities in sales, technical project development, light engineering and production.

Most recently, Ernst Smolka was responsible for the German activities of one of the largest businesses in the lighting industry worldwide. He is married and has two children.





# Architects, not Architecture.



## Munich Edition 02 – Review

### Top architects chat about their lives

“Since the time I nearly caused the collapse of my little craftsman’s house in Schwabing, I’m more inclined towards planning than practical construction.”

This and other entertaining insights from their lives were disclosed by guest speakers Hans Nickl, Andrea Gebhard and Werner Frosch at the 2nd edition of “Architects, not Architecture“ in Munich. Around 400 participants in the well-packed Carl-Orff-Saal watched the exciting evening unfold.

### The concept: Don’t talk about the works, talk about yourself

“No project presentation“ was once again the brief from organiser Fermin Tribaldos for the three top architects – instead, turning points in their careers, valuable experiences and their motivation, took centre stage. The guest speakers adhered to this in an exemplary manner and shared completely personal insights with the audiences in refreshing brief speeches.

A get-together to conclude the event allowed the participants to make new contacts and talk about the exciting evening.

At this point we would like to express our sincere thanks to the speakers and participants.



**Werner Frosch**  
www.henninglarsen.com



**Andrea Gebhard**  
www.mahlgebhardkonzepte.com



**Prof Hans Nickl**  
www.nickl-partner.com

# Architects, not Architecture.

**REVIEW**

An overview of the “Architects, not Architecture“-Events supported by Hess.



**Hamburg | 10<sup>th</sup> June 2016**

Hadi Teherani | [www.haditeherani.com](http://www.haditeherani.com)  
Alexandra Czerner | [www.czernergoettsch.de](http://www.czernergoettsch.de)  
Kilian Kada | [www.kadawittfeldarchitektur.de](http://www.kadawittfeldarchitektur.de)



**Munich | 7<sup>th</sup> March 2017**

Anna Heringer | [www.anna-heringer.com](http://www.anna-heringer.com)  
Markus Allmann | [www.allmannsattlerwappner.de](http://www.allmannsattlerwappner.de)  
Fritz Auer | [www.auer-weber.de](http://www.auer-weber.de)



**Dusseldorf | 13<sup>th</sup> October 2016**

Joachim Faust | [www.hpp.com](http://www.hpp.com)  
Susanne Gross | [www.ksg-architekten.info](http://www.ksg-architekten.info)



**Dusseldorf | 4<sup>th</sup> April 2017**

Anne-Julchen Bernhardt | [www.bel.cx](http://www.bel.cx)  
Eckhard Gerber | [www.gerberarchitekten.de](http://www.gerberarchitekten.de)  
Dörte Gatermann | [www.gatermann-schossig.de](http://www.gatermann-schossig.de)



**Hamburg | 24<sup>th</sup> November 2016**

Ben van Berkel | [www.unstudio.com](http://www.unstudio.com)  
Benedetta Tagliabue | [www.mirallestagliabue.com](http://www.mirallestagliabue.com)  
Wolf D. Prix | [www.coop-himmelblau.at](http://www.coop-himmelblau.at)



**Hamburg | 27<sup>th</sup> April 2017**

Peter Wilson | [www.bolles-wilson.com](http://www.bolles-wilson.com)  
Hilde Léon | [www.leonwohlhage.de](http://www.leonwohlhage.de)  
Stefan Behnisch | [www.behnisch.com](http://www.behnisch.com)



**Berlin | 15<sup>th</sup> June 2017**

Barbara Holzer | [www.holzerkobler.com](http://www.holzerkobler.com)  
Ansgar Schulz | [www.schulz-und-schulz.com](http://www.schulz-und-schulz.com)  
Fuensanta Nieto | [www.nietosobejano.com](http://www.nietosobejano.com)



**Munich | 13<sup>th</sup> September 2017**

Werner Frosch | [www.henninglarsen.com](http://www.henninglarsen.com)  
Andrea Gebhard | [www.mahlgebhardkonzepte.com](http://www.mahlgebhardkonzepte.com)  
Hans Nickl | [www.nickl-partner.com](http://www.nickl-partner.com)

## Architects, not Architecture NRW Edition 03 The personality behind the big names **Will Alsop - Wolfgang Döring - Christa Reicher**

9<sup>th</sup> November 2017. 19 pm at Tanzhaus NRW, Dusseldorf



## Dusseldorf and Hamburg – Preview

In November, three further events from the “Architects, not Architecture” series will take place. Thus, we will once again be guests in Dusseldorf, Hamburg and Berlin.

Top architects have already been selected for the events in Dusseldorf and Hamburg – and we are delighted that we were able to organize absolutely top-class speakers for you at both events.

“Architects, not Architecture” is coming to Berlin on 29 November, 2017 for the second time. The speakers will be announced soon.

Don't miss it!

Please send your registration to  
[marco.walz@hess.eu](mailto:marco.walz@hess.eu)

We look forward to welcoming you.

**Dusseldorf | 09<sup>th</sup> November 2017**

In Dusseldorf, the “Architects, not Architecture” series will now take place for the third time. Will Alsop, Wolfgang Döring and Christa Reicher will certainly ensure an entertaining and extremely interesting evening.

You can find out more information about these top architects at:

**Will Alsop**  
[www.all-worldwide.com](http://www.all-worldwide.com)

**Wolfgang Döring**  
[www.ddj.de](http://www.ddj.de)

**Christa Reicher**  
[www.rha-architekten.de](http://www.rha-architekten.de)

**Hamburg | 23<sup>th</sup> November 2017**

Already the sixth event is to take place in Hamburg. And already the anticipation is growing. With Odile Decq, Patrik Schumacher and Massimiliano Fuksas we will certainly experience an exciting and extraordinary event.

You can find out more information about these top architects at:

**Odile Decq**  
[www.odiledcq.com](http://www.odiledcq.com)

**Patrik Schumacher**  
[www.zaha-hadid.com](http://www.zaha-hadid.com)

**Massimiliano Fuksas**  
[www.fuksas.com](http://www.fuksas.com)

# GRIVEN – the specialist for architectural lighting solutions

Our Italian affiliated company GRIVEN has established itself as one of the leading development and manufacturing companies in the architectural lighting market worldwide – especially in the high-power segment. Distribution of the GRIVEN portfolio is handled by Hess within the German market.

The range of spectacular lighting effects that GRIVEN's innovative product and solution portfolio makes possible, as well as the know-how of GRIVEN are demonstrated by these selected project examples.

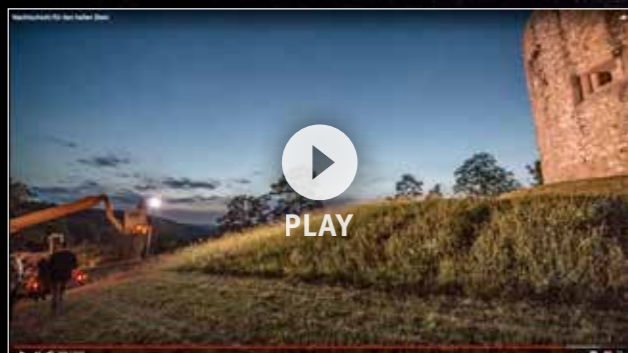


[www.hess.eu/griven](http://www.hess.eu/griven)



**VIDEO |** Nightshift for the bright stone

<https://www.youtube.com/watch?v=ovS6VD-jRN-k&feature=youtu.be>



## Hellenstein Castle

# City of Heidenheim landmark perfectly staged

The landmark of the city of Heidenheim is attracting attention from far and wide: Hellenstein Castle majestically crowns a 70-meter-high cliff, offering a picturesque view of the city and its surroundings.

The design office **Winkels Concepts of Dortmund** drafted the illumination concept, placing its confidence in **LED spotlights from GRIVEN** and the illumination expertise of **Hess**



The imposing Renaissance castle takes its name from the Hellenstein rock.

As a proud legacy of the city's history, the castle also comes into its own at night: Installed in June 2017, the new lighting system with LED spotlights by GRIVEN, a sister company of Hess, ensures an attractive night-time appearance and successfully showcases the fine architectural details of the castle.

The castle was illuminated for more than 30 years with NAV and HST spotlights, which are quite inefficient from today's perspective and which had very poor colour rendering properties due to their uniformly yellow light. This meant that until now the castle reigned in the dark as the "yellow ensemble" above the city. Its special features, such as its dominant corner towers, multi-layer building façades from various architectural periods, entrances and architectural details of the façades, could barely be discerned.

Not only that, but at the end of 2015, an existing spotlight location in the city centre of Heidenheim became unavailable, making city-side illumination of the castle impossible.

Lighting designer and architect **Martin Schepers** from the design office **Winkels Concepts** in Dortmund developed a lighting concept here that was successfully implemented on site in April 2016 using LED spotlights from GRIVEN.

The new lighting was launched in close collaboration with **Ralf Käßlinger**, Heidenheim's city planner, and Hess, which is responsible for distribution of GRIVEN products in Germany.



**Accentuation of the castle for attractive perspectives close up and at a distance**

“With the lighting it was imperative to portray Hellenstein Castle not only as an object that defines the skyline against the backdrop of night but also to frame the qualities of the ensemble and architecture with light”, explains Martin Schepers in regard to the challenges of the façade lighting.

He is considered an expert in the field of architectural lighting and has already illuminated numerous edifices and castles in Germany.

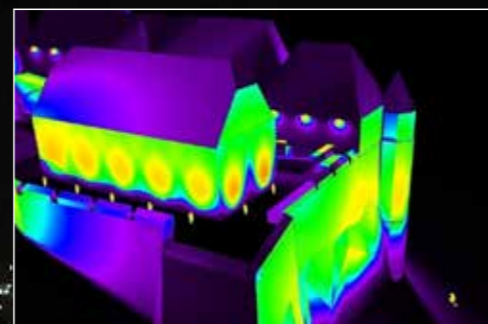


The masonry as well as the entire complex appears much more sculptural than before.

“Thanks to the new lighting, the castle is to be better showcased”, Ralf Käßplinger adds. To illuminate the castle, a warm, white light between 3000 and 4000 Kelvin with high colour rendering was required. This should result in an object that appears sculptural from close up and that is recognised as a distinctive Heidenheim landmark from a distance.

These objectives were achieved with deliberately placed spotlights that emphasise the ensemble, the architecture and the materiality in graduated brightness values. “In addition, through long-standing cooperation between the city of Heidenheim and Hess, a relationship of trust already existed, facilitating the implementation of the lighting system”, Martin Schepers continues.

It took a full year to prepare the implementation of the lighting concept, which utilised light calculations and computer simulations. The new lighting was put into operation by the project partners in mid-June 2017 after the final fine adjustments.



Light calculation of the façade lighting in the “fruit box” area.

**“With the lighting it was imperative to portray Hellenstein Castle not only as an object that defines the skyline against the backdrop of night but also to frame the qualities of the ensemble and architecture with light”**

Lighting planner Martin Schepers

**A total of 35 different LED spotlights provide an absolute highlight**

In order to achieve the desired lighting effect, around half of the 35 LED spotlights were installed at new locations around the castle, including eight Powershine MK2 S spotlights in RGBW with variously defined beam angles to ensure effective illumination of the main walls. Parade S-RGBW-40 Recessed in RGBW were placed into the walkway in front of an indoor building, providing attractive wall-washer effects.

**The products:**

Powershine MK2 S RGBW	8 pcs
Parade S-RGBW-40 Recessed	7 pcs
Parade S-RGBW-20	12 pcs
Emerald-spots in RGBW	4 pcs
Coral RGBW-spots	4 pcs

Additional Parade S-RGBW-20 luminaires were fixed upside-down below the eaves of a building in the inner courtyard. Due to the elliptical emission patterns, the entire footpath and façade were illuminated here.

Complementary Emerald spotlights in RGBW configuration were mounted on an existing mast in front of the northern castle wall, plunging it and its towers into a diffuse light with the option of coloured light.



Around the castle, 35 powerful spotlights ensure an impressive appearance.



These Parade S-RGBW-20 spotlights were fixed below the eaves.

Under the drawbridge, Coral RGBW spotlights emphasise the front entrance of the castle. All the luminaires were supplied especially for this project in a dark grey tone (DB 703), which discreetly blends with the natural stone nuances of the castle walls.

Newly installed wireless DMX transmitters, receivers and signal amplifiers around the castle enable seamless DMX signal transmission. Here it was important to preserve the character of the castle and not to adulterate it by running additional cables. This made it possible to implement long-distance routing which would have been difficult if not impossible to achieve with signal cables.

**“It’s an entirely new castle”**

City planner Ralf Käßplinger

**Castle lighting becomes an experience**

“It’s an entirely new castle”, said city planner Ralf Käßplinger with enthusiasm after putting the lighting into operation. Walls, cornices and windows impressively emerge and become much more sculptural than before.

Carsten Winkels of Winkels Concepts, who acted as an advisor on the project, is also very pleased with the new night-time appearance of Hellenstein Castle: “Right from the beginning, we had precise ideas about how we wanted to achieve contemporary illumination of the castle. The subtly graduated light with high colour-rendering quality was to emphasise the architecture and the entire ensemble, staging the castle with all of its diversity – and that is what we accomplished!”



The RGBW configuration of the spotlights also allows coloured light sources.

## Emotional lighting in Chicago (US)

Located on Lake Michigan's shore, Chicago Navy Pier originally opened as a shipping and recreational facility in 1916 and it quickly became one of Chicago's most dynamic and vibrant landmarks. Throughout its history, the Pier has been a centre of commerce, a military base, a school, an events venue and a world-renowned destination, continually transforming its identity in purpose, offerings and culture since its inception.

One of the largest of its kind in the world, the 3,300-foot-long pier became the modern piece of attraction it is today in the 1980s, when it turned into Chicago's most visited landmark due to its lovely location and uncountable attractions.



Beside its world famous iconic 150-foot tall Ferris wheel, Navy Pier currently encompasses more than fifty acres of parks, gardens, shops, restaurants, family attractions and exhibition facilities.

Moreover, a theatre and an IMAX cinema, the Chicago Children's Museum, along with year-round events and shows make it the top leisure and culture destination in the Midwest with nearly nine million visitors a year.



## Cool lighting for cooling towers

CHP-25, one of the most powerful heat and power plants in Russia located in the western autonomous region of the capital has been recently renovated. As part of a recent upgrade, the cooling towers No. 4 and

the ground on specifically designed mounting structures located at a very short distance from each other and painted in the same grey colour as the tower coating. Supplied with spot, narrow or elliptical optics, the powerful LED fixtures selected easily reach the top of the structure providing optimal light output levels and remarkable colour distribution evenness.

The upper contours of the two cooling towers have been enhanced by an array of ZAPHIR RGBW and ZAPHIR in dynamic white colour temperature located at an height of 82 m. In accordance with the approved lighting scheme, the visual perception of the spatial continuation of the towers represented by the steam appears always new and different owing to the varying speed and direction of the wind, which shapes the clouds in distinct ways. The dynamic colours projected onto the everchanging

vapour create the illusion of foam pouring out from a huge boiling pot.



No. 5 were provided with a specific façade coating, followed by the arrangement of an architectural lighting system capable of delivering a colour changing wall wash effect to the 82m high towers and to their steam clouds.

200 units of POWERSHINE MK2 S RGBW have been installed around the whole perimeter of the two cooling towers at a height of 5 m from



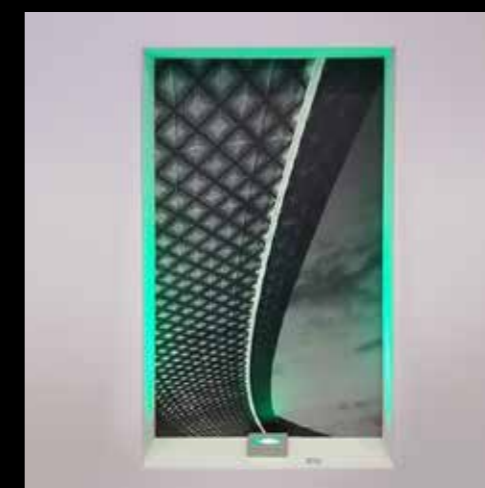
## Eclipse has been selected for inclusion in the 2017 IESNA Progress Report



The LED graphic light shaper EKLIPSE, submitted by GRIVEN USA, has been selected by the Illuminating Engineering Society of North America's (IESNA) Progress Committee and officially presented within the Progress Report at the IESNA Annual Conference held on August, 11 in Portland, Oregon.

Designed to report significant developments to the membership each year at the annual Conference, the Progress Report will be additionally presented at local IES chapters throughout North America and published in print in the November 2017 issue of LD+A (Lighting Design + Application), as well as online on the IES website.

This is an important international acknowledgement, which testifies to the growing relevance of GRIVEN's fixtures on the North American market.



# NORDEON GROUP

## Seven strong brands – one group

ARCHITECTURAL LIGHTING

OUTDOOR

INDOOR



.hess



[www.griven.com](http://www.griven.com)

[www.hess.eu](http://www.hess.eu)

[www.vulkan.eu](http://www.vulkan.eu)

[www.lamp.es](http://www.lamp.es)

[www.schmitz-leuchten.de](http://www.schmitz-leuchten.de)

[www.wila.com](http://www.wila.com)

[www.nordeon.com](http://www.nordeon.com)

With its brands Griven, Hess, Vulkan, Lamp Lighting, Schmitz, WILA and Nordeon, the Nordeon Group can meet all of its customer demands, whether for architectural lighting, indoor lighting or outdoor lighting; whether for industrial, commercial, or office/administration purposes, for the hotel industry, public spaces, buildings or close to buildings – the collective know-how regarding applications, technology, design, specifications and adaptation makes the Nordeon Group a true full-service partner for lighting professionals – and that worldwide.



[www.nordeon-group.com](http://www.nordeon-group.com)

### Griven, Hess, Lamp Lighting and WILA at the PLDC 2017

The countdown is running: the Professional Lighting Design Convention, PLDC, will be launched in Paris in just a few weeks – and four brands from the Nordeon Group will be present: Griven, Hess, Lamp Lighting and WILA.

Be part of it – and experience real highlights for indoor and outdoor use as well as for sophisticated architectural lighting solutions.

We look forward to you!

**PLDC 2017**  
Booth S02 – S04  
Palais des Congrès, Paris  
[www.pld-c.com](http://www.pld-c.com)

GRIVEN world lighting challenge

.hess

LAMP LIGHTING

WILA

**PLDC**  
PROFESSIONAL LIGHTING DESIGN CONVENTION  
**2017**

Visit us!  
Booth **S02, S03, S04**

# LAMP LIGHTING SOLUTIONS AWARDS



The winners of the Lamp Lighting Awards 2017.

### The Lamp Lighting Solutions Awards 2017

On June 15th, the 7th edition of the Lamp Lighting Solutions Awards 2017 ceremony was held at Espai Xavier Corberó, Esplugues de Llobregat, Barcelona.

The event, lead by Mr. Ignasi Cusidó, CEO of Lamp Lighting, and hosted by TV journalist Bibiana Ballbè, was closed by the prestigious lighting designer and president of the jury, Kaoru Mende (Japan), supported by the rest of the judges: lighting designers Gustavo Avilés

(Mexico), Colin Ball (United Kingdom), Anna Sbokou (Greece) and Rafael Gallego (Spain), architect Joan Roig (Spain), and interior designer Stefano Colli (Italy). Furthermore, the event counted on the collaboration of La Invisible Lighting Design Studio, who surprised us with their lighting installation.



LAMP LIGHTING Awards 2017  
[www.lamp.es/en/prizes/entrega-premios17/ceremonia-17](http://www.lamp.es/en/prizes/entrega-premios17/ceremonia-17)

The gala was attended by 450 professionals of the lighting sector worldwide, who didn't want to miss the prize-giving event of these awards which are already amongst the most important ones in the international lighting calendar. Paying homage to the sculptor Xavier Corberó (1935-2017), the attendees toasted to art and light, while recreating the legendary parties of Dalí.

It was a really enjoyable bohemian-artistic event in which the attendees could taste typical Spanish tapas and rice, or do networking in the calm chill outs or drink a gin tonic whilst dancing to live music with the musicians of the Piano Bar, and also take home a funny "photocall" caricature of themselves.



### Lamp Lighting Solutions Awards 2017 Ceremony, Barcelona



[www.youtube.com/watch?v=kot3zjwLN-Y](http://www.youtube.com/watch?v=kot3zjwLN-Y)

# Smart City Charta

## Guidelines for the digital transformation of towns and municipalities

The trend towards digitalisation has now grasped almost all spheres of life and has also long arrived in towns and municipalities. Digital technologies provide these towns and municipalities with diverse opportunities for the sustainable development into a Smart City.

Issued recently by the Federal Ministry for Environment, Conservation, Building and Reactor Safety and the Federal Institute for

Research into Building, Towns and Space, the special publication “Smart City Charter. Creating Sustainable Digital Transformation in Municipalities“ aims to support towns and municipalities in dealing with the opportunities and risks of digitalisation at a town level and actively helping to shape this by providing recommendations for action and practical examples.

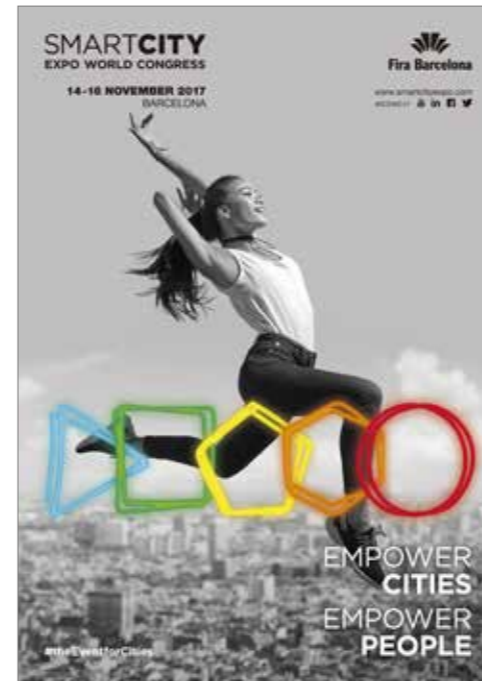


[www.bbsr.bund.de/BBSR/DE/Veroeffentlichungen/Sonderveroeffentlichungen/2017/smart-city-charta-dl.pdf?\\_\\_blob=publicationFile&v=2](http://www.bbsr.bund.de/BBSR/DE/Veroeffentlichungen/Sonderveroeffentlichungen/2017/smart-city-charta-dl.pdf?__blob=publicationFile&v=2)

# Smart City Expo World Congress, Barcelona (ES)

The international specialist trade exhibition and congress event “Smart City Expo World Congress” which takes place annually, will focus on the sustainable improvement of the quality of life in towns from 14 until 16 November 2017 in Barcelona. It is considered to be the worldwide leading event on the topic of Smart City and this year runs under the slogan “Empower Cities, Empower Citizens”. Around 650 exhibitors

from 126 countries, 420 top contributors and 650 towns, among them Berlin, London and New York, will present exemplary strategies for intelligent town development in terms of society, economy, mobility, sustainability and citizen participation amongst other things. You can find further details about the program and procedures of the event at:



[www.smartcityexpo.com](http://www.smartcityexpo.com)

# architectureworld, Duisburg (GER)

From 8 until 9 November 2017 the architecture sector meets at Europe’s largest architecture congress “architectureworld” in the Landschaftspark Duisburg-Nord, to exchange ideas on the topics of façades, technology, and sustainable building.

A highlight of the specialist congress, which amongst others is aimed at architects, planners and civil engineers, is the first class program with notable contributors such as Prof. Meinhard von Gerkan (gmp Architekten von Gerkan, Marg und Partner) and Moshe Safdie (Safdie Architects). They present current projects, talk to the visitors and demonstrate the possible ways in which architecture can sustainably increase the quality of living spaces.

The congress will be accompanied by a specialist exhibition. The event is recognised by the Chamber of Architects as an advanced training course.



Registration and further information:



[www.architectureworld.com](http://www.architectureworld.com)



# Brilliance and Glamour in Lausanne (CH)

From 23 November until 31 December 2017 the town on the shores of Lake Geneva will present itself at its best with the light arts festival “Lausanne Lumières”.

During advent the town centre and the old town will be radiant with poetic light creations, projections and works of art by 15 Swiss and international Artists. Visitors can learn more about the individual light installations and the festival itself by taking part in free guided tours during the festival period. They always start at 7pm on Thursdays at the “Place de l’Europe” in front of the bar “Les Arches”.



[www.festivallausannelumieres.ch](http://www.festivallausannelumieres.ch)



## IMPRESSUM

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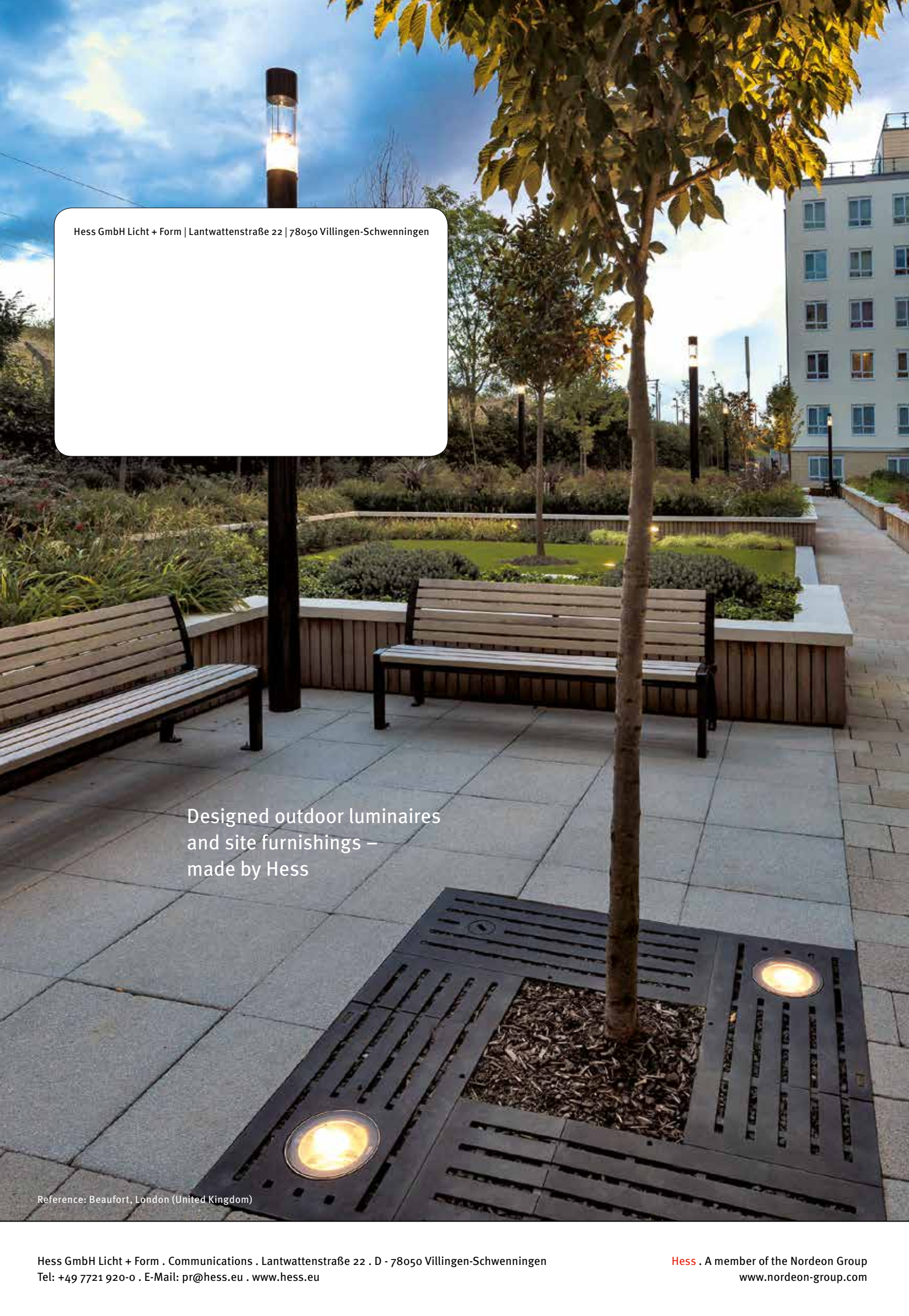
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Appearance:  
quarterly

Print:  
PRINTSTUDIO VS GmbH



A photograph of an outdoor courtyard at dusk. The scene features several wooden benches with black metal frames on a paved area. A young tree is planted in a planter bed with a circular ground light. In the background, there are more trees, a building, and several tall, cylindrical light poles. The sky is a mix of blue and orange from the setting sun.

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Designed outdoor luminaires  
and site furnishings –  
made by Hess

Reference: Beaufort, London (United Kingdom)