

## ACCADIA

Revolutionary reflector technology –  
the new dimension of in-ground luminaires

# ACCADIA

## Created for the most sophisticated lighting

With ACCADIA, Hess presents a new dimension of LED in-ground luminaires.

New and revolutionary.

ACCADIA is a highly innovative LED in-ground luminaire product family – perfectly suitable for staging impressive buildings and architectural features such as columns, arches and sculptures as well as trees and plants.

Experience the new dimension. Experience perfect light in extraordinary design.

**ACCADIA – Made by Hess.**

**1** REVOLUTIONARY  
REFLECTOR TECHNOLOGY

**4** LIGHT POLLUTION MINIMISED  
WITH UNIQUE OPTICS

**5** WIDE VARIETY OF  
OPTIONS



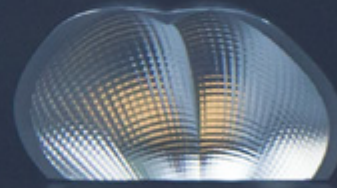
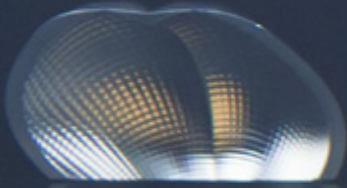


2 NO  
GLARE

3 ELEGANT  
DESIGN



6 EASY  
INSTALLATION



# 1

## Revolutionary reflector technology

Bartenbach meets Hess. A combination that ensures the best lighting and advanced LED technology.

Reflectors developed by Bartenbach in conjunction with the technical lighting expertise of Hess ensure extremely homogeneous light distribution for the rotationally symmetrical as well as the asymmetric ACCADIA versions.

A special feature of the asymmetric variant is that this homogeneous light distribution is achieved right from the lower edge of a surface to be illuminated – without the usual “dark zones.”

# 2

## No glare

Through the use of special “spoon-reflectors” in the asymmetric versions, indirect, glare-free and extremely pleasant light is generated entirely without glare.

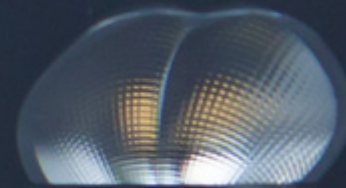
Glare was also able to be minimized with the rotationally symmetrical reflectors.

R 220 rotationally symmetric



L 600 rotationally symmetric





L 600 asymmetric

### 3 **Elegant design**

The high quality of the in-ground luminaire is reflected in the clean design of ACCADIA: a design and quality which correspond to the highest standards. And this design also offers very practical advantages: The smooth surface, completely without screws, prevents wear and contamination due to weathering and the light distribution always remains optimal.

### 4 **Light pollution minimised with unique optics**

For precise direction of light on the surface to be illuminated, the reflector unit is adjusted to the local conditions at the factory. If there is nevertheless the need for optimization on site, the reflectors can be easily adjusted.

A precise edge on the upper end of the illuminated surface allows light pollution to be virtually eliminated.

With ACCADIA you have light where you want it. Precise and exactly where it is needed on the surface.

### 5 **Wide variety of options**

The right lighting equipment for every requirement. With ACCADIA you have a variety of LED configurations for attractive accent lighting and atmospheric illumination. 3000K and 4000K are available as standard with 5700K available upon request. In conjunction with various reflectors there are a number of combinations – including the right combination to fit your project.

### 6 **Easy installation**

ACCADIA is pre-wired and supplied with a pre-set reflector unit and standard cable at the factory. The luminaire does not need to be opened for installation. In conjunction with the Hess in-ground luminaire housing, it is easy to install.

A standard Hess connection kit for easy connection of the luminaire to the earth cable is also available.



## Innovative reflectors

The core of the versatile ACCADIAs are the reflectors specially developed by Bartenbach that provide very uniform light distribution in conjunction with the Hess LED technology.

The innovative in-ground luminaires allow architects, lighting designers and planners to implement attractive lighting for a variety of application situations.

You want

- ... façade illumination which is an absolute eye-catcher?
- ... to highlight fine stucco work, sculptures or columns impressively with targeted lighting?
- ... to set accents with the best light in public open spaces, parks and gardens?

Whether asymmetric, rotationally symmetric with facets or rotationally symmetric without facets – with ACCADIA we offer you the appropriate reflector. And thus, always the right lighting solution.

**Let your imagination run wild.**



Reflector asymmetric

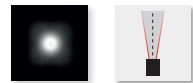
## The right reflector to meet your requirements



Reflector asymmetric



Reflector rotationally symmetric without facets (unscattered), very narrow distribution of  $7^\circ$  ( $Y_{50\%} = 2 \times 3,6^\circ$ )



Reflector rotationally symmetric with facets (scattered), mid-distribution of  $26^\circ$  ( $Y_{50\%} = 2 \times 13^\circ$ )

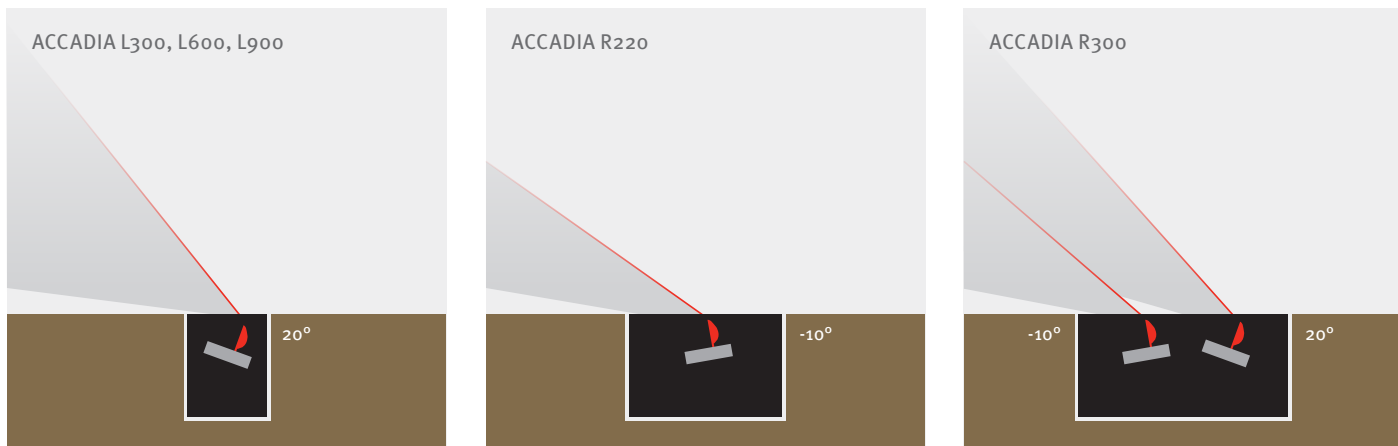


## Reflectors – variable angle inclination

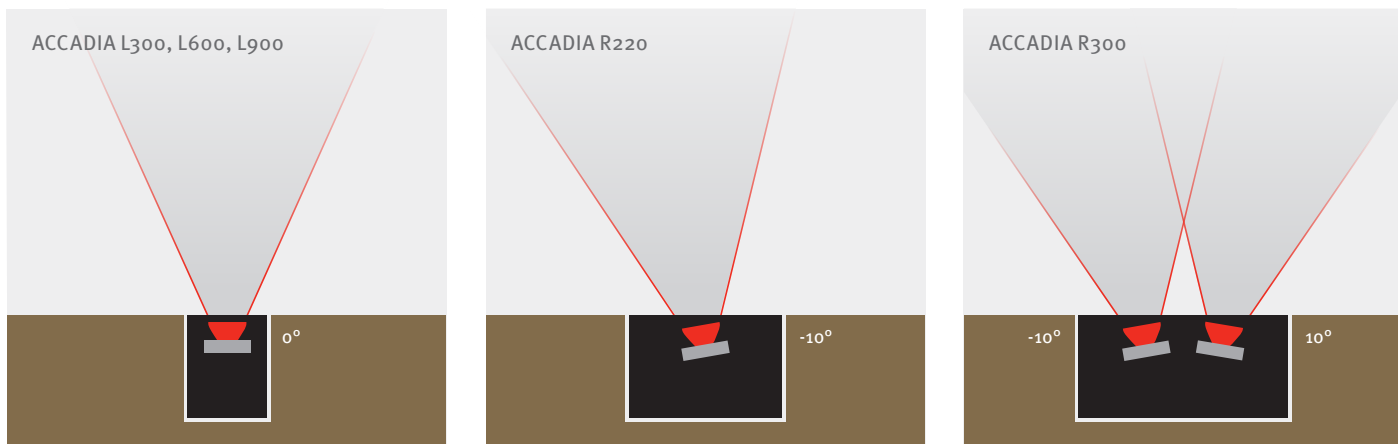
The inclination of the reflectors in ACCADIA can be adjusted. Depending on the model, the angle of inclination can be set to  $-10^\circ$ ,  $0^\circ$ ,  $10^\circ$  and  $20^\circ$ .

Thus, the ACCADIA can be used very flexibly and is suitable for a wide range of installation situations.

### Asymmetric reflectors



### Rotationally symmetrical reflectors



Example illustration of different variants; further information on the angle of inclination is given on page 13.

## ACCADIA – All models at a glance

ACCADIA L asymmetric



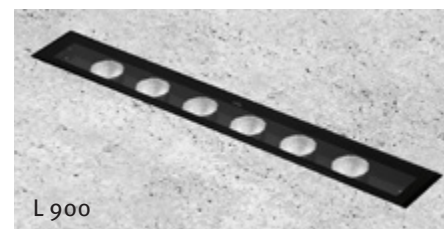
### **Different circumstances – not a problem at all for ACCADIA!**

In addition to the many different lighting solutions, we also offer the ACCADIA for a wide range of installation situations and circumstances. Accordingly, the ACCADIA luminaires are available in different housing shapes and sizes.





ACCADIA L rotationally symmetric



ACCADIA R asymmetric



ACCADIA R rotationally symmetric



## You love the unusual?

Then we have just the thing – our special solutions.

Should the ACCADIA be in elegant white?

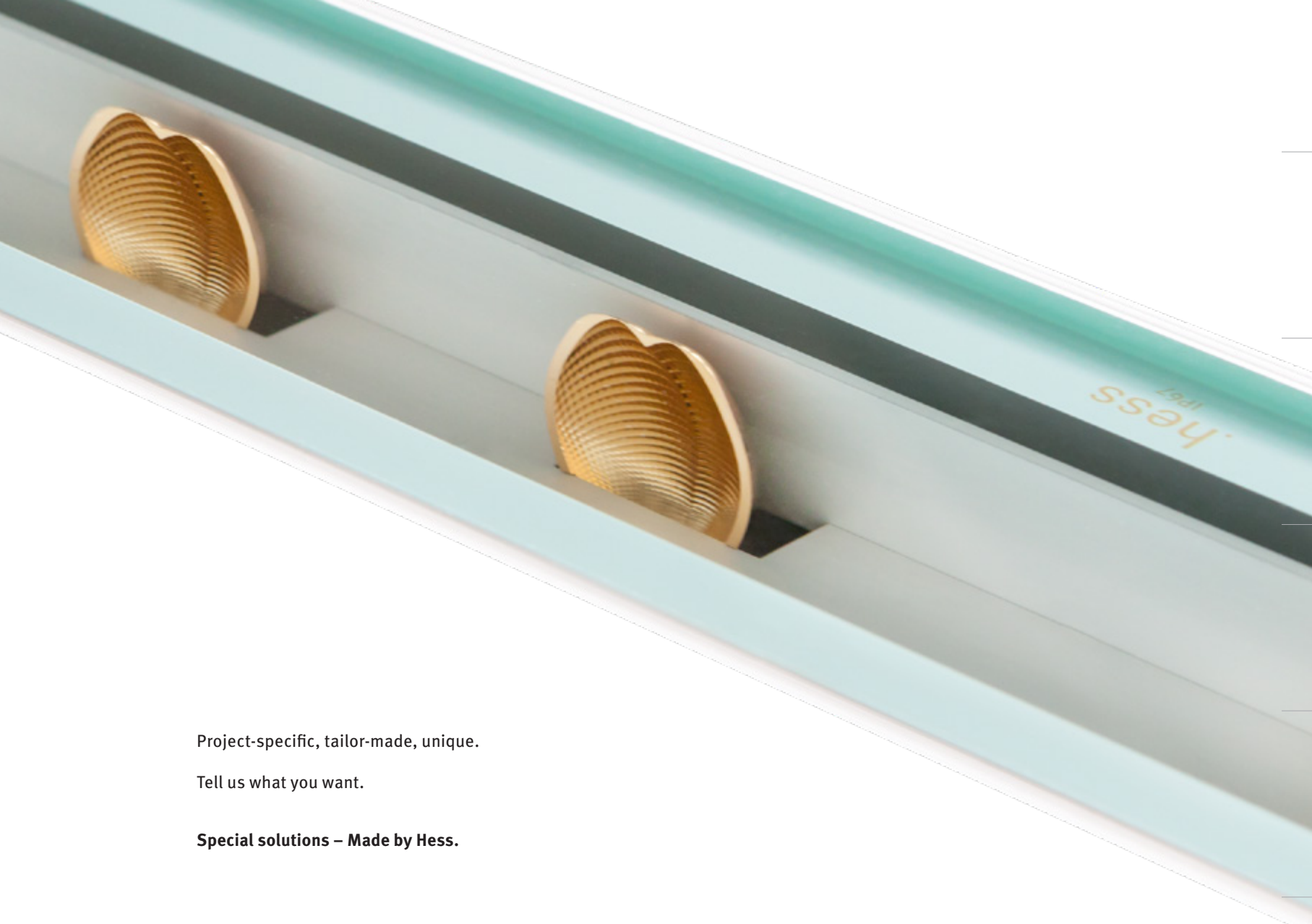
Or with golden reflectors?

Or both at the same time?

No problem.

Hess stands for something special and extraordinary.





Project-specific, tailor-made, unique.

Tell us what you want.

**Special solutions – Made by Hess.**



ACCADIA L 600 Special solution



## ACCADIA installation

ACCADIA can be installed very easily. Each product delivery includes a detailed description of how to carry out the installation. When using the Hess in-ground luminaire housing, the ACCADIA is installed using one or two suction lifter, depending on the size.

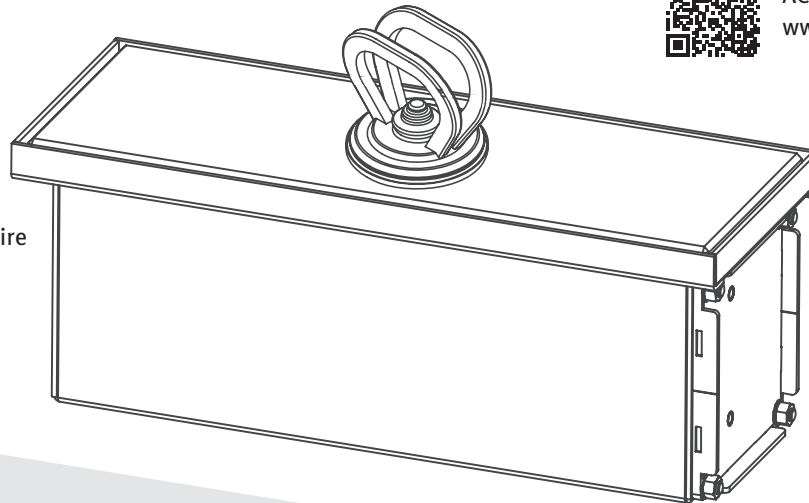
Moreover, it is easy to replace the LED modules at the end of the service life.

**A sophisticated concept – typical for Hess.**

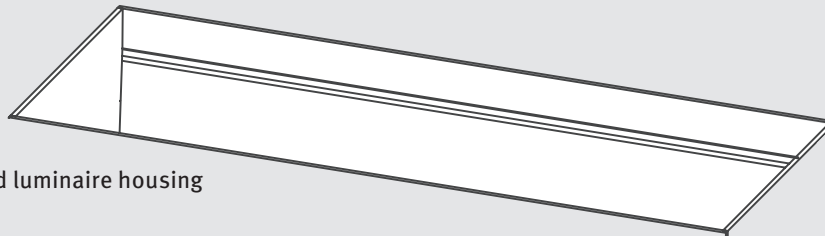


ACCADIA Accent lighting  
[www.hess.eu/en/accadia-l](http://www.hess.eu/en/accadia-l)

ACCADIA in-ground luminaire



ACCADIA in-ground luminaire housing



## Technical data

Shape	Size	Asym.	Rot.Sym.	Static white	Used LED's	Light output (lumen)	System power (W)
ACCADIA R	220	X	X	3000K / 4000K	Luxeon MZ	from 475 lm to 1364 lm	10
	300					from 950 lm to 2728 lm	20
ACCADIA L	300	X	X	3000K / 4000K	Luxeon MZ	from 475 lm to 1364 lm	10
	600					from 950 lm to 2728 lm	20
	900					from 1425 lm to 4092 lm	30

## Angle inclination

ACCADIA R	Inclination asym.	Inclination rot. sym.
ACCADIA R 220	-10°, 0°, +10°, +20°	-10°, 0°, +10°
ACCADIA R 300	-10°, 0°, +10°, +20°	-10°, 0°, +10°

ACCADIA L	Inclination asym.	Inclination rot. sym.
ACCADIA L 300	-10°, 0°, +10°, +20°	0°
ACCADIA L 600	-10°, 0°, +10°, +20°	0°
ACCADIA L 900	-10°, 0°, +10°, +20°	0°

## Technical product details

Daily updated data sheets for all products are available on the Hess website ([www.hess.eu](http://www.hess.eu)). They include all relevant performance information for LED-equipment.

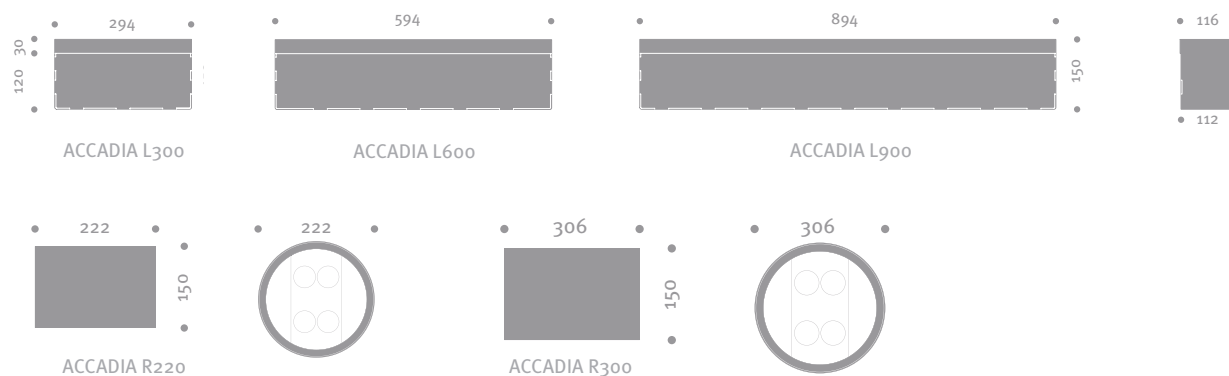


Direct link:  
Product details page ACCADIA L



Direct link:  
Product details page ACCADIA R

## In-ground luminaires housing (Dimensions in mm)



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





# HESS ENHANCING URBAN SPACES

Thanks to an extremely varied range of luminaires, Hess is able to fulfil every lighting design requirement in outdoor public spaces, as well as interior and exterior architectural lighting. Perfectly matching, high-quality site furnishings complete the product portfolio.

Light and form are part of our company name, and thus firmly anchored in our corporate philosophy and our very genes. Hess stands for the very best lighting solutions and an unparalleled expression of design. The perfect interplay of light and form is what makes our products unique.

Combining lighting and furnishings to optimum effect allows integrated concepts and customised special solutions to be implemented across urban and outdoor spaces in line with the Hess slogan “enhancing urban spaces”.

Combining design, innovation and tradition has made Hess to a leading international brand. We support and assist architects, designers, cities, communities, and building owners from the planning stage through to installation – throughout Europe and beyond.

With the main factory located in Villingen-Schwenningen (Germany), there is also a manufacturing site in Gaffney, South Carolina (USA). Hess has been a subsidiary of the Nordeon Group since 1 October 2013.



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