

lichtwerk

HIGHLIGHTS

inspired by light

# Luminaires according to your wishes

The lichtwerk team specializes in individual lighting solutions and responds specifically to your wishes. Only when everything is perfectly coordinated the planned effect will be achieved in the end.

## Individual luminaires for attractive project solutions

Away from standard luminaires, we develop individual project luminaires, specifically for your lighting needs. In addition to our standard colours, a wide range of RAL colours is available for our high-quality matt textured paint. No wishes remain unfulfilled in the colour selection for your luminaires.

## We are there for you

It all starts with the consultation during the project planning phase. Requirements are defined, framework conditions are established, and a selection is made.

Only when everything is perfectly coordinated the planned effect will be achieved. lichtwerk deals with the subject of lighting in a very emotional way and cultivates a similar relationship with its customers.

Together with you, we develop your individual project solution, so that the lighting achieves the enthusiasm that we set ourselves as our goal.

From planning to implementation, we focus on close cooperation with the client and the executing companies on site.

## Sustainability - lighting for the future

With our efficient technologies, we set a clear signal on the subject of sustainability.

While sustainability used to mean primarily environmental protection, sustainable action today also takes economic and social aspects into account. Modern lighting technology makes a valuable contribution to this:

- efficient light sources,
- optimized luminaires and
- electronic control.

Our luminaire components conserve natural resources and are largely recyclable. At the same time, modern lighting technology makes visual tasks easier and promotes people's sense of well-being, for example with Human Centric Lighting concepts (HCL). A lighting control system ensures that light only switches on in sufficient quantity when it is required.



# lichtwerk HIGHLIGHTS

is a compendium of our most current and popular products moreover it inspires by a variety of project examples. The individual brochures are available for download via the QR code.



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## klir

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## beo

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## ciros

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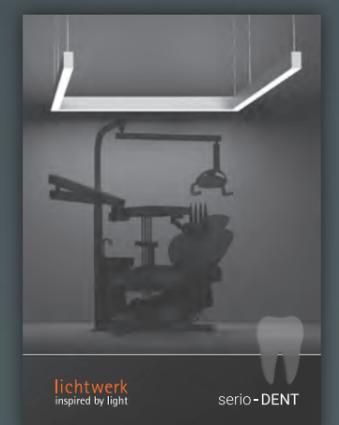
## serio

Page 44 - 67



## serio-DENT

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*Light creates charisma*



*by* **klir**<sup>®</sup>  
lichtwerk





Rendering @ lichtwerk



four luminaire lengths

2800

2200

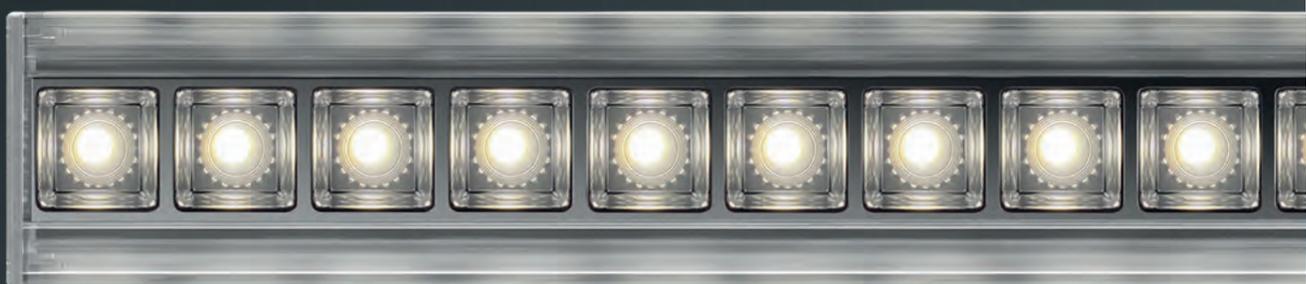
1700

1100



# DESIGN *minimalist*

Scale 1:1



Rendering @ lichtwerk



### klir-HIOSA

surface-mounted canopy made of aluminium profile, natural anodised. Single wire suspension, translucent with integrated power cable.



### klir-HIOSE for in ceiling control gear installation

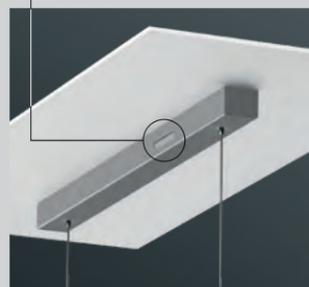
Four different recessed variants have been adapted to the common ceiling systems and must be ordered separately.

# klir® FEATURES

Especially smart with modern control.



Casambi module



Operation via free app and further system components.

 Indirect component with extremely wide-beam distribution thanks to continuous acrylic profile in convex design.

	Indirect	31 %	UGR lat.	11,1
	Direct	69 %	UGR long.	11,9

 Direct ratio through integrated micro-cell grid.

 Suitable for computer workstations  $65^\circ < 1000 \text{ cd/m}^2$ .

  $UGR \leq 16$  in accordance with DIN-EN 12464-1.

 Colour rendering index  $CRI \geq 90$ .

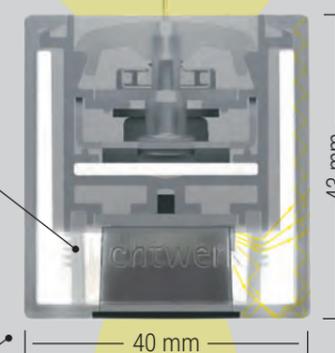
 Correlated colour temperature

Single wire suspension, translucent with integrated power cable.



Side areas made of acrylic glass with integrated fresnel lens.

Minimised housing dimensions.



 Light line installation with continuous appearance.



Detailed and current data at [www.lichtwerk.de](http://www.lichtwerk.de)

# klir-HIOSE

The basic type of our klir-HIOSE is always the same.  
After the ceiling type has been finally determined the suitable installation set is added to the ordered.

## + Sets for false ceiling installation

Four different installation variants have been adapted to the common ceiling systems.

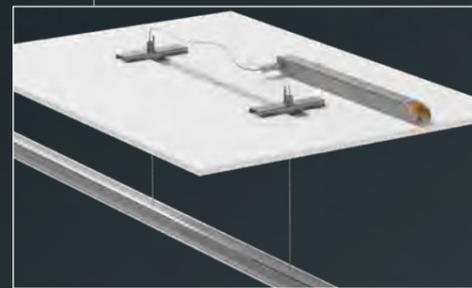
Mounting set for cut out ceilings



klir-EAD

Mounting set for cut out ceilings  
Incl. mounting rail and cover,  
traffic white, similar RAL 9016.  
Ceiling thickness 12,5 to 25mm.

Top view



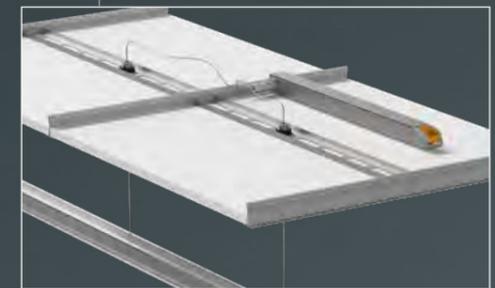
Mounting set for modular ceilings



klir-ETS

Mounting set for modular ceilings 625  
with visible T-rails 24mm incl. hidden  
mounting rails for transferring the  
weight to the ceiling supporting  
structure via one or two modular units.  
Suitable for panel thickness 1 - 25 mm.

Top view



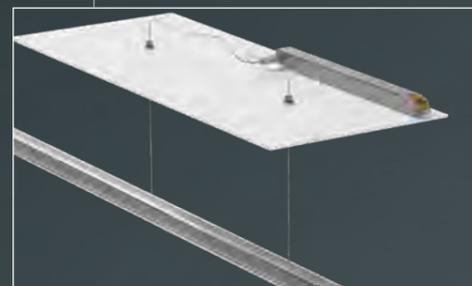
Mounting set for load-bearing system panels



klir-EMD

Mounting set for load-bearing  
system panels.  
Panel thickness 1-5mm.

Top view



Mounting set for modular ceilings



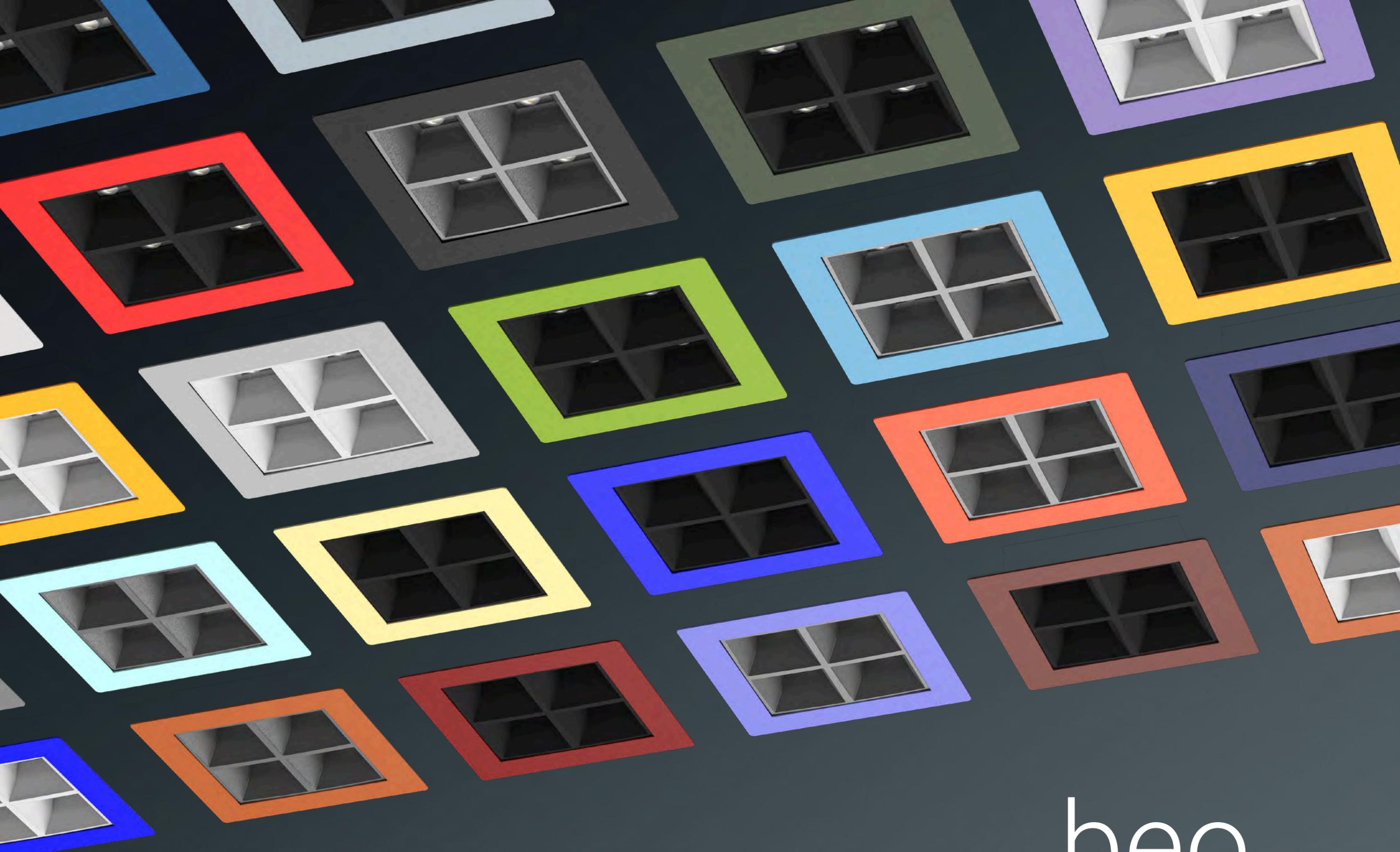
klir-EVTS

Mounting set for modular ceilings 625  
with visible T-rails 24mm incl. visible  
mounting rails, traffic white, for transferring  
the weight to the ceiling supporting  
structure. Single wire suspension freely  
moveable via one or two modular units.  
Suitable for panel thickness 12 - 30 mm.  
Other panel thickness on request.

Top view







beo

# beo

## Versatility triumphs

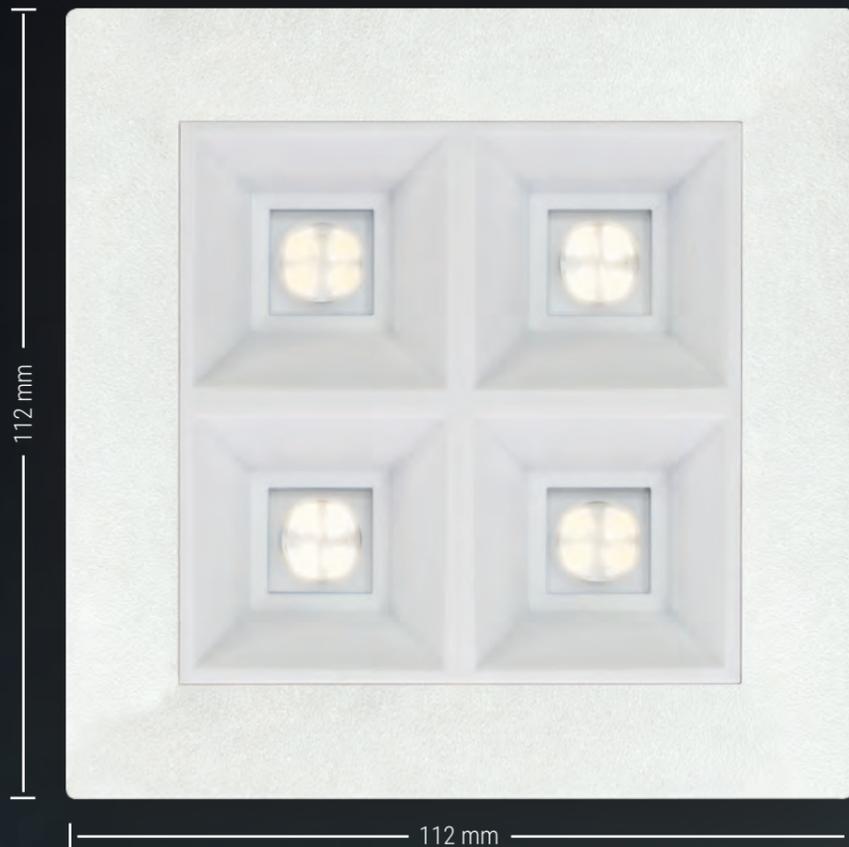
Highly efficient combination of micro-cell grid and application-specific lens technology.



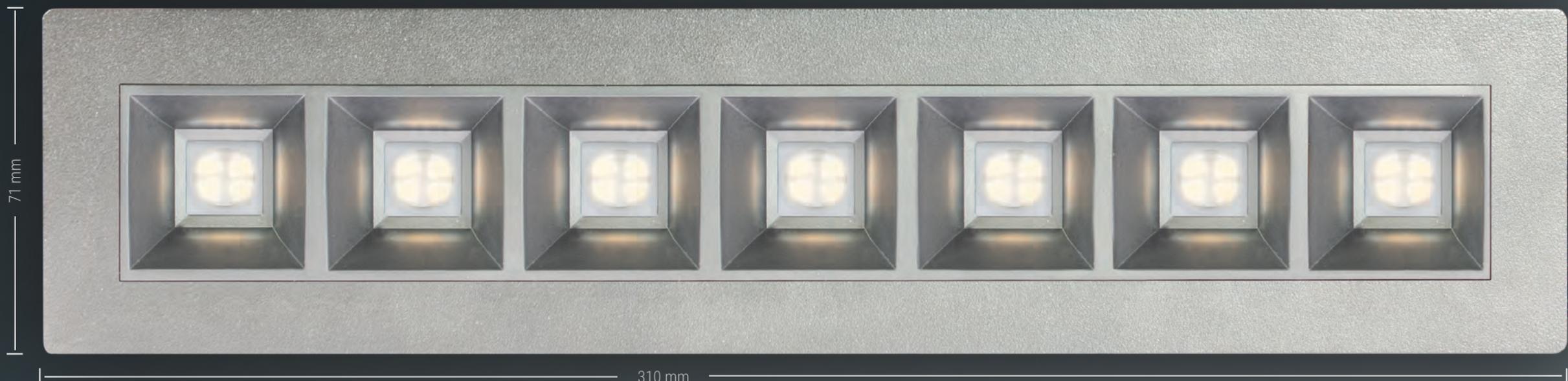
available in 64 RAL-colours (P. 68).



Fixing springs for toolless mounting.



Scale 1:1





## Housing | Cell-grid

- | ■ traffic white | traffic white
- wa | si white aluminium | silver
- | ■ deep black | black



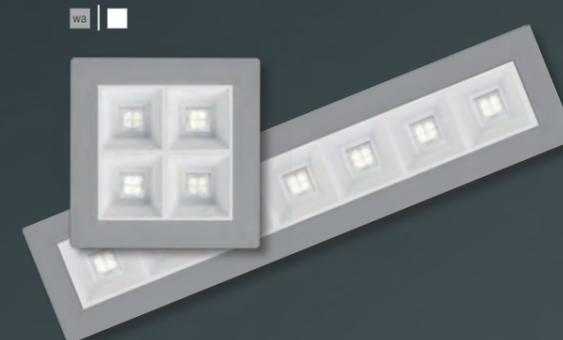
## Housing

made of sheet steel.  
 Texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005).

+ combinable with

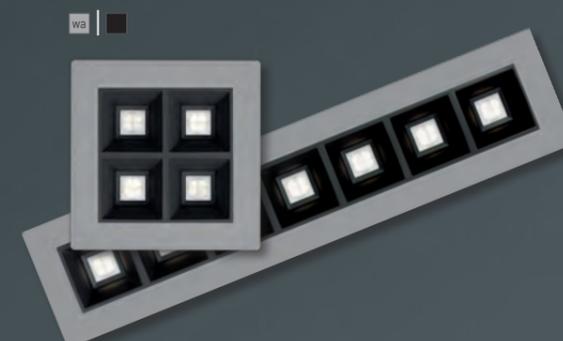
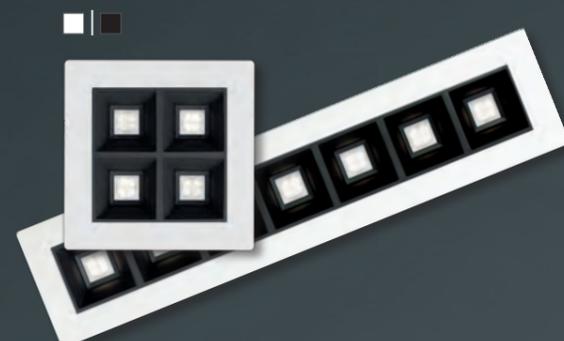
## Cell-grid

High quality micro cell-grid in silver, traffic white (similar RAL 9016) or black (similar RAL 9005).



## Housing | Cell-grid

- | si traffic white | silver
- | ■ traffic white | black
- wa | ■ white aluminium | traffic white
- wa | ■ white aluminium | black
- | si black | silver
- | ■ black | traffic white





# beo Light as desired

Highly efficient combination of micro-cell grid and application-specific lens technology.

## beo-EOSTB

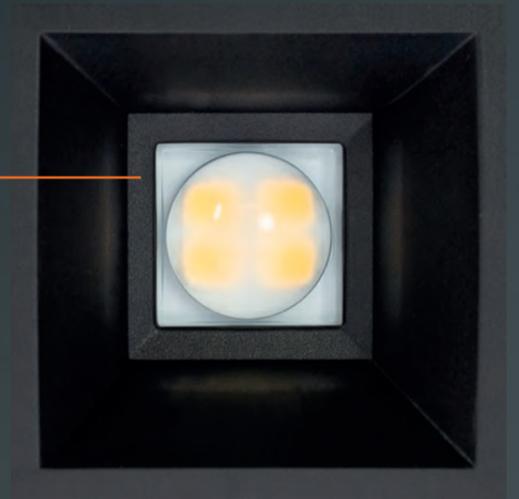
UGR 19  
3000  
cd/m<sup>2</sup>

narrow-wide light distribution.  
Suitable, for example, for computer  
workstations and high rooms.



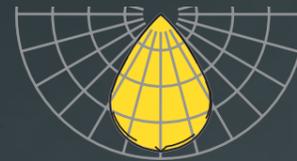
-EOSTB narrow-wide light distribution 50°

Narrow-wide light distribution  
for office areas and for  
Accentuation.

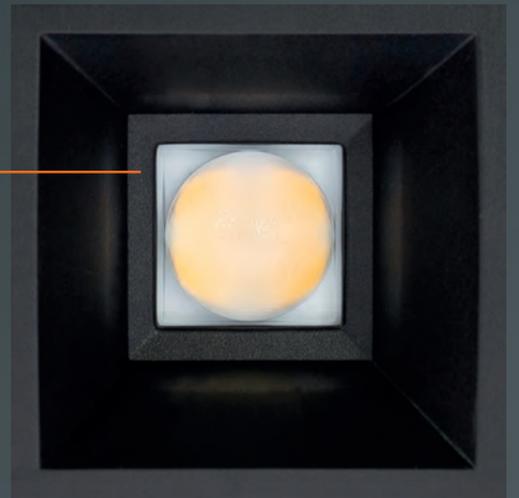


-EOSB wide light distribution

80°

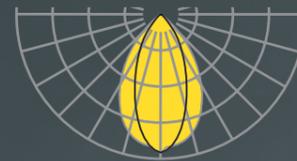


Homogeneous, wide-area basic  
illumination in e.g. administration,  
education, store, gastronomy.

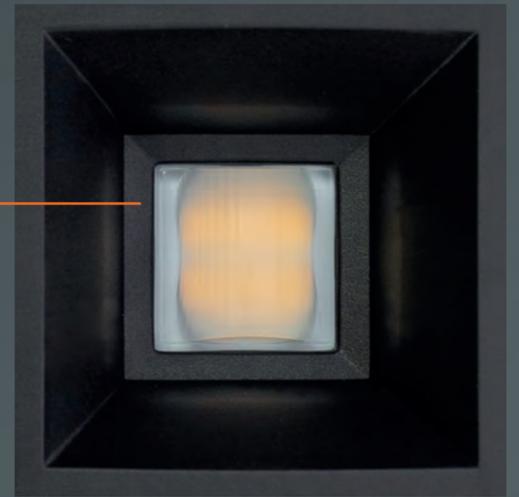


-EOSLA linear asymmetric light distribution

40x70°



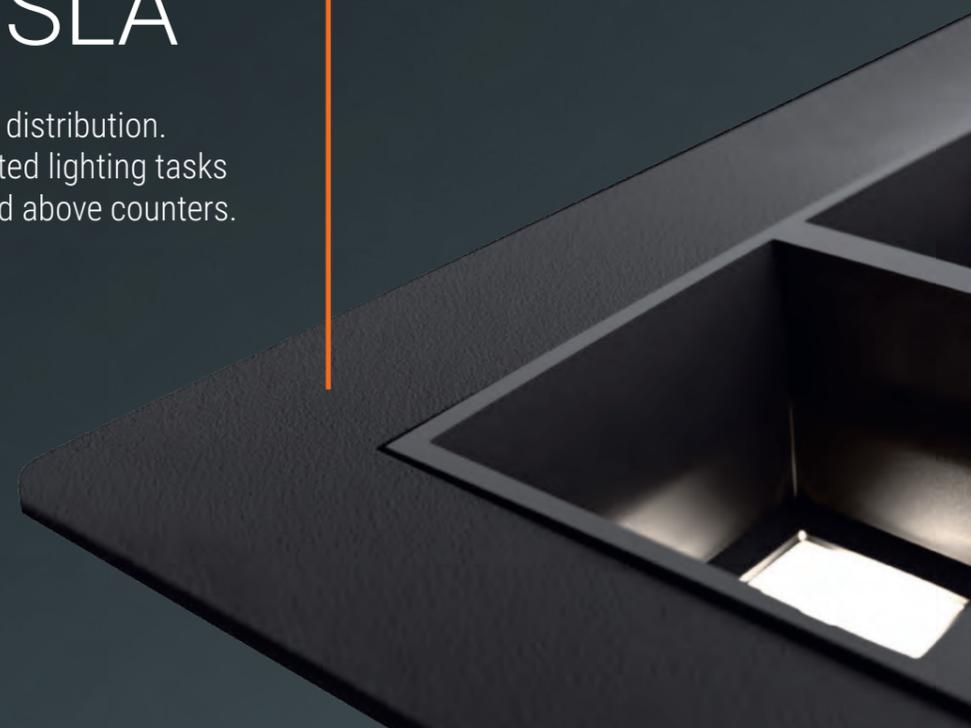
Linear asymmetric light distribution  
for corridors, tables, peripheral  
areas.



## beo-EOSLA



linear asymmetric light distribution.  
For longitudinally oriented lighting tasks  
such as in corridors and above counters.





ciros





# ciros



## Pendant luminaires

Round aluminium profile in diameters of Ø 400, 600, 900 und 1200mm.



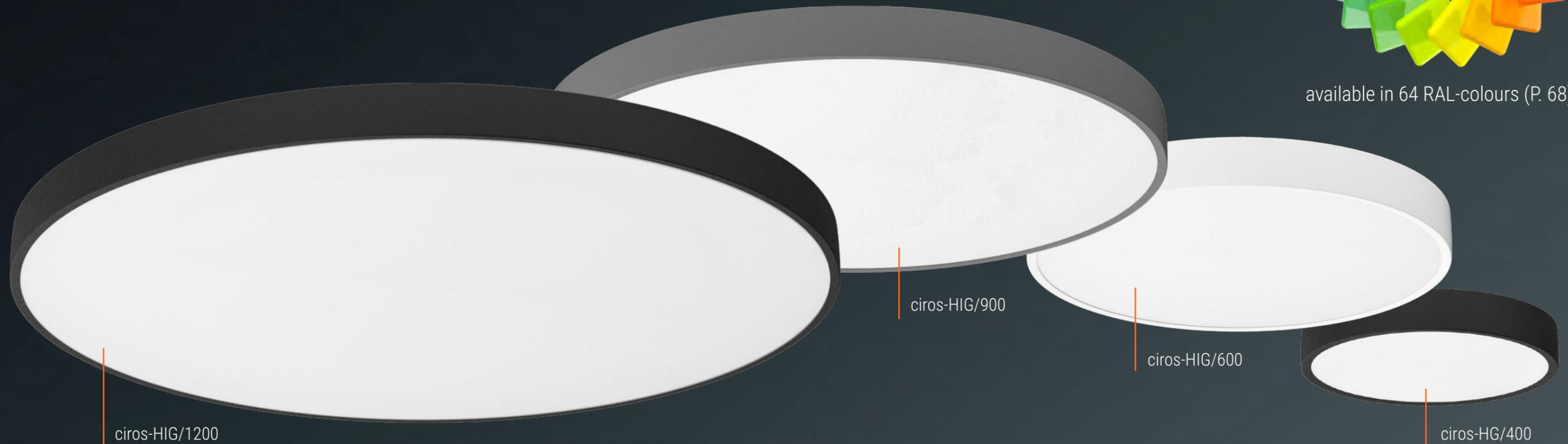
with modern control

## Suspension variants

optional P. 36-37



available in 64 RAL-colours (P. 68).



ciros-HIG/1200

ciros-HIG/900

ciros-HIG/600

ciros-HG/400

## Lighting technology:

ciros-HIMP/ciros-HMP  
multilayer  
microprismatic  

ciros-HIG/ciros-HG  
white-opal satinised

## Distribution:

ciros-H/400  
direct distribution  
only 

ciros-H/600/900/1200  
with indirect distribution 

# ciros

## Suspension variants

With our ciros-pendant luminaires you can choose between three suspension variants.

### Three-point-suspension

■ ciros-SAE



■ ciros-H/1200



■ ciros-H/900



■ ciros-H/600



■ ciros-H/400



### Triangle-suspension

■ ciros-TRE



■



■



not available  
for diameter 1200



### Rod suspension

■ ciros-RPE



■



■



not available  
for diameter 1200





# ciros



with modern control



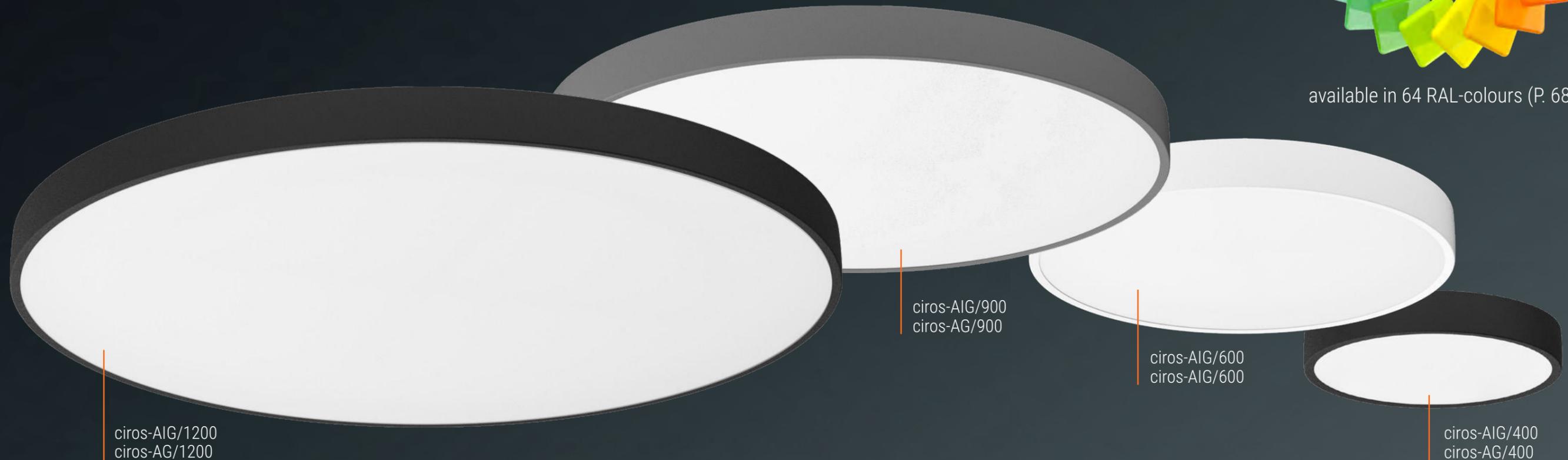
available in 64 RAL-colours (P. 68).

- Surface mounted luminaires

Round aluminium profile in diameters of  $\varnothing$  400, 600, 900 and 1200mm.

- Wall luminaires

The surface mounted luminaires ciros-AG and ciros-AIG are also suitable for wall mounting.



ciros-AIG/1200  
ciros-AG/1200

ciros-AIG/900  
ciros-AG/900

ciros-AIG/600  
ciros-AG/600

ciros-AIG/400  
ciros-AG/400

### Lighting technology:

ciros-AIMP/ciros-AMP  
multilayer  
microprismatic



ciros-AIG/ciros-AG  
white-opal satinised

### Distribution:

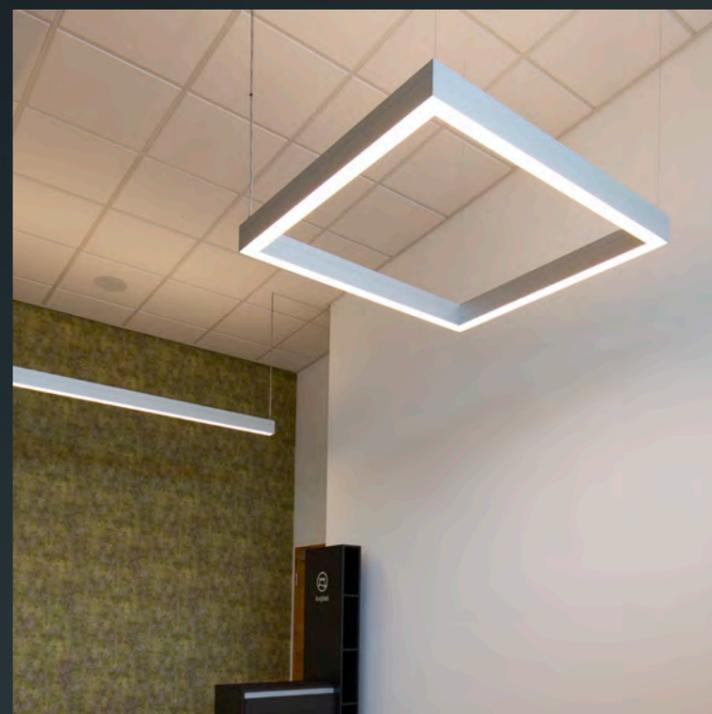
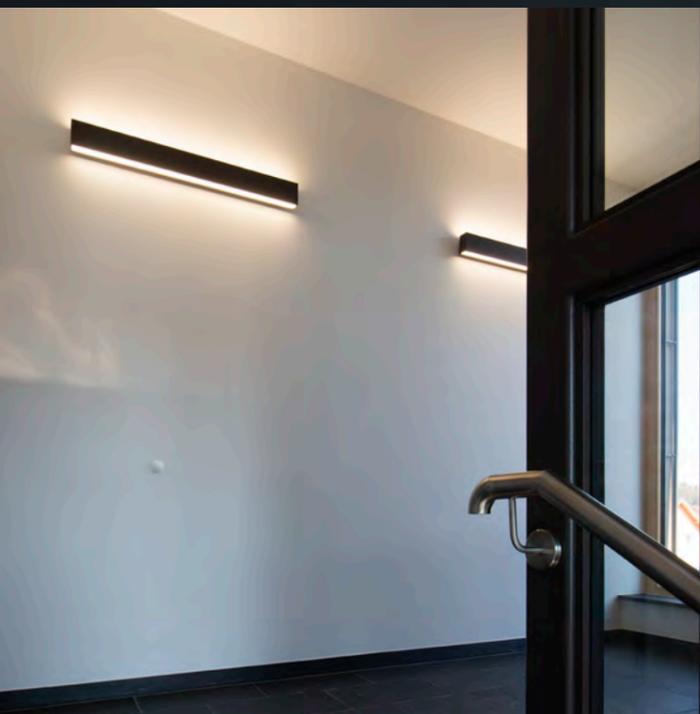
ciros-AG/-AMP  
direct distribution  
only



ciros-AIG/-AIMP  
with indirect distribution



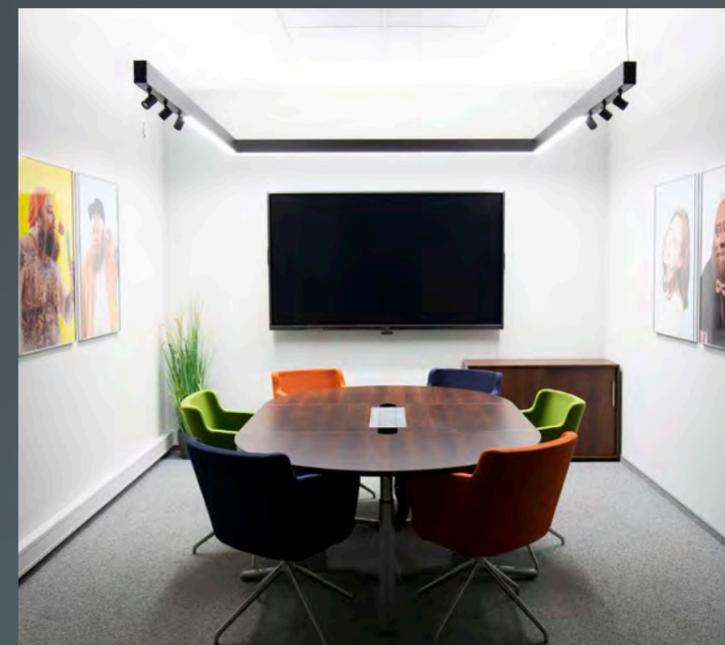
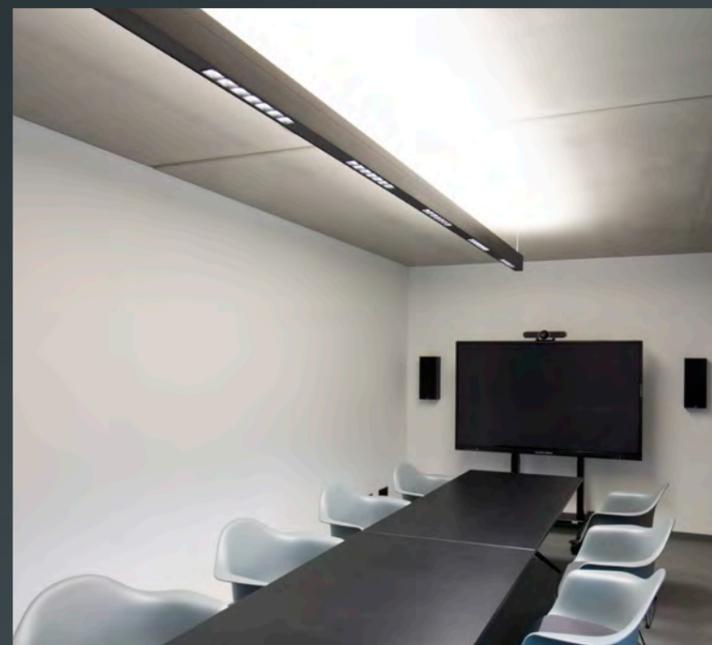
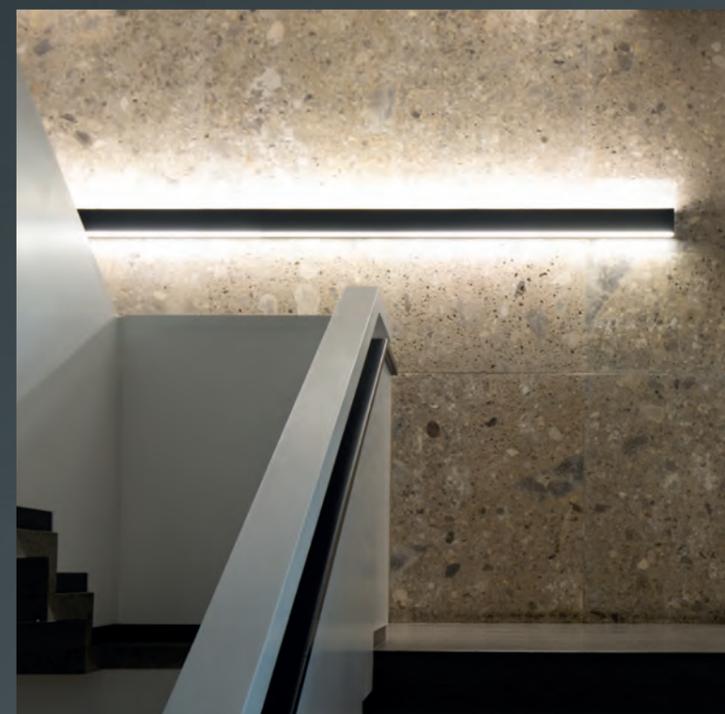




# serio

Luminaire family

Zahnarztpraxis Dr. Böck, Bamberg @ lichtwerk  
Arztpraxis Dr. Wenzel, Ringheim @ lichtwerk  
ADAMOS, Darmstadt @ lichtwerk  
Arztpraxis Dr. Wenzel, Ringheim @ lichtwerk  
Prozesstechnik Kropf, Oberkotzau @ lichtwerk  
Harter, Gerolzhofen @ lichtwerk  
Landratsamt, Kulmbach @ lichtwerk  
Pfaff Erdbau, Söhrewald @ lichtwerk  
Birke Elektroanlagen, Wunsiede l@ lichtwerk  
Zahnarztpraxis Dr. Frankmann, Baunatal @ lichtwerk  
Besprechung Regiolux @ lichtwerk





# serio



Pendant luminaire



with modern control

Aluminium profile available in

- natural anodised
- textured paint RAL 9016
- textured paint RAL 9005



## serio-HIG



white-opal, satin-finished acrylic diffuser

Luminaire length

- serio-HIG/1100 (L=1127mm)
- serio-HIG/1700 (L=1687mm)
- serio-HIG/2200 (L=2247mm)
- serio-HIG/2800 (L=2807mm)



## serio-HIMP



microprismatic panel

Luminaire length

- serio-HIMP/1100 (L=1127mm)
- serio-HIMP/1700 (L=1687mm)
- serio-HIMP/2200 (L=2247mm)
- serio-HIMP/2800 (L=2807mm)



## serio-HIOS



via integrated micro-cell grid

Luminaire length

- serio-HIOS/1100 (L=1127mm)
- serio-HIOS/1700 (L=1687mm)
- serio-HIOS/2200 (L=2247mm)
- serio-HIOS/2800 (L=2807mm)



# serio Q



Pendant luminaire completely assembled



available in 64 RAL-colours (P. 68).



## serio-HIG



white-opal, satin-finished acrylic diffuser



Aluminium profile in square design, available in

- natural anodised
- textured paint RAL 9016
- textured paint RAL 9005



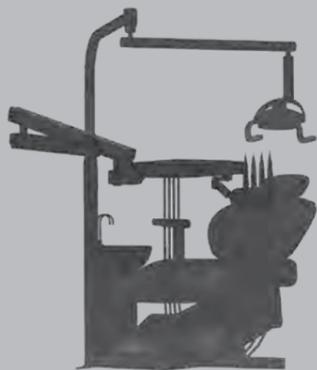
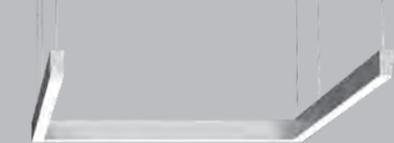
# serio-DENT



available in 64 RAL-colours (P. 68).



## The ideal lighting for your treatment rooms



- Standard-compliant lighting for the patient area with simultaneous general lighting.
- Very good colour rendering index CRI  $\geq 90$ .
- Direct/indirect distribution, separately dimmable.
- Available in tunable white with an adjustable spectrum from 2700 - 6500 Kelvin.
- Luminaire can be controlled by CASAMBI via a canopy available as an accessory. Operation via free app and other system components.



with modern control





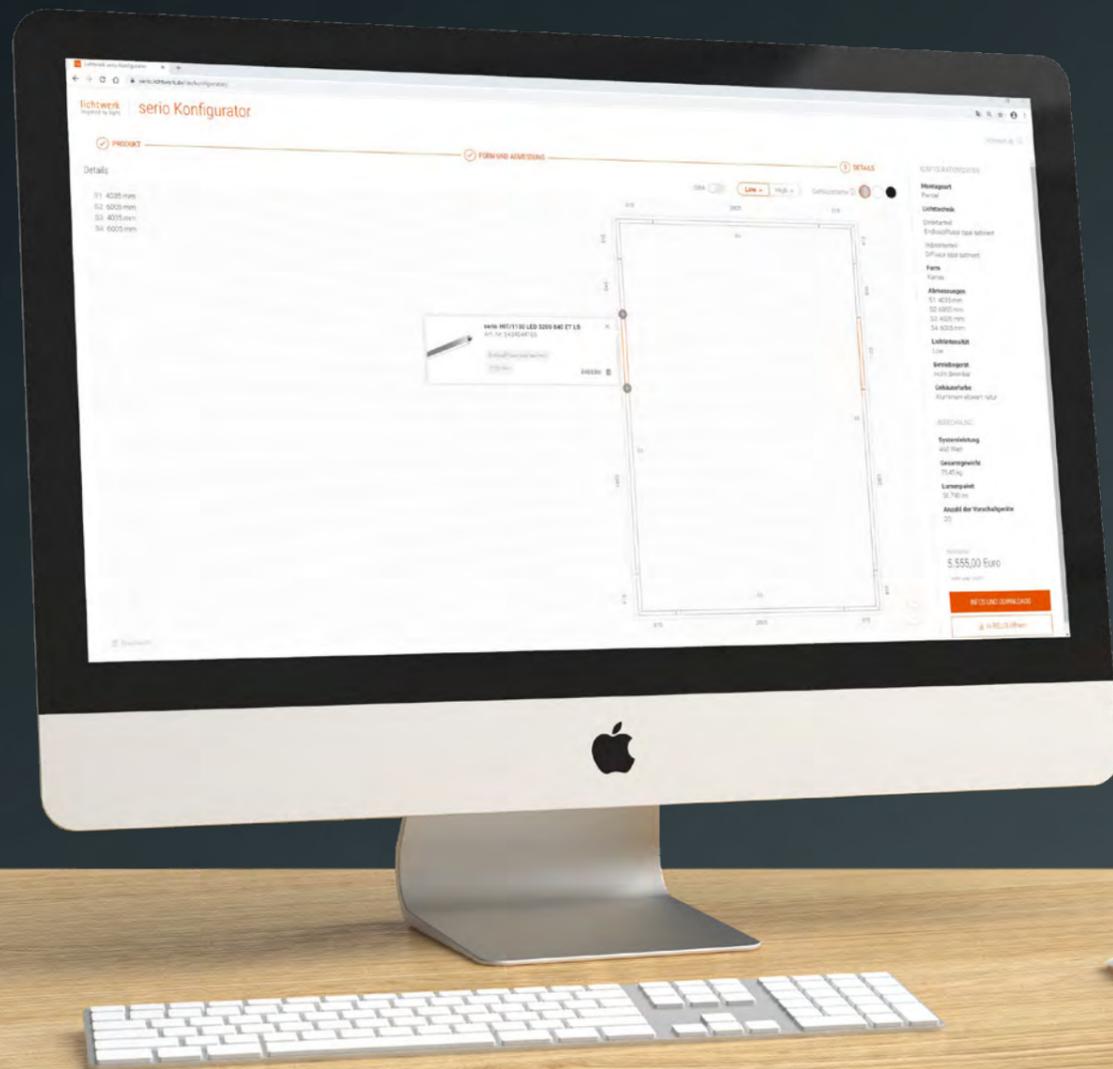
serio-System

# serio-Configurator

Complex lighting structures  
just in a few steps - give it a try!

On our website [www.lichtwerk.de](http://www.lichtwerk.de) you will find a configuration tool for our serio lighting system. With this, structures can be designed and changed quick and easy. You will also receive a compilation of informations based on your configuration, such as system combination, catalog prices, tender texts, dxf-files, etc.

Take a look and be surprised by the possibilities that serio offers.





Aluminium profile available in

- natural anodised
- textured paint RAL 9016
- textured paint RAL 9005



### serio-HIT

Endless-Diffusor serio-G  
System length

- serio-HIT/0800 (L=845mm)
- serio-HIT/1100 (L=1125mm)
- serio-HIT/1400 (L=1405mm)
- serio-HIT/2200 (L=2245mm)
- serio-HIT/2800 (L=2805mm)



### serio-HITOS

integrated micro-cell grid

System length

- serio-HITOS/1100 (L=1125mm)
- serio-HITOS/1700 (L=1685mm)
- serio-HITOS/2200 (L=2245mm)
- serio-HITOS/2800 (L=2805mm)



### serio-HITS

three integrated spotlights

System length

- serio-HITS/0800 (L=845mm)



### serio-HITD

integrated  
DPSNA-phase-track

System length

- serio-HITD/0800 (L=845mm)
- serio-HITD/1100 (L=1125mm)
- serio-HITD/1400 (L=1405mm)



### serio-HITD + emphara-EMTT

for serio-HITD  
with integrated  
DPSNA-phase-track

System length

- serio-HITD/0800 - max. 2 emphara
- serio-HITD/1100 - max. 3 emphara
- serio-HITD/1400 - max. 3 emphara

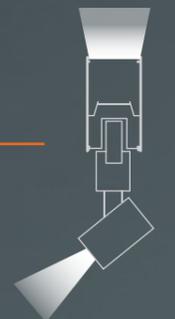


### serio-HITD + spotty-SYTT

for serio-HITD  
with integrated  
DPSNA-phase-track

System length

- serio-HITD/0800 - max. 2 spotty
- serio-HITD/1100 - max. 3 spotty
- serio-HITD/1400 - max. 4 spotty



# serio



Corner solutions



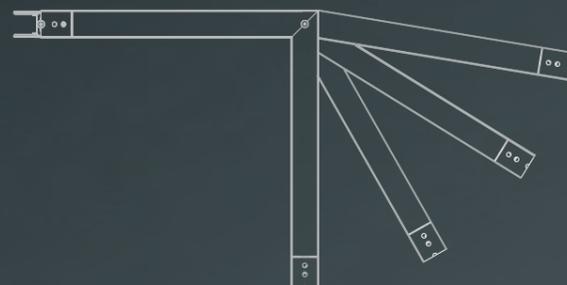
with modern control

Aluminium profile available in

- natural anodised
- textured paint RAL 9016
- textured paint RAL 9005



Special angle on request



## Corner solutions for complex lighting structures:





# serio



Wall luminaire



with modern control

# serio



Wall system luminaire

Aluminium profile available in

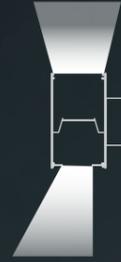
- natural anodised
- textured paint RAL 9016
- textured paint RAL 9005



## serio-WIFA

System length

- serio-WIFA/0500 (L=567mm)
- serio-WIFA/0800 (L=847mm)
- serio-WIFA/1100 (L=1127mm)
- serio-WIFA/1400 (L=1407mm)
- serio-WIFA/2200 (L=2247mm)
- serio-WIFA/2800 (L=2807mm)



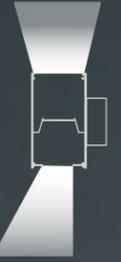
Direct asymmetric light distribution.  
Indirect share via white-opal, satin-finished  
Acryl diffusor.



## serio-WITFA

System length

- serio-WITFA/0800 (L=845mm)
- serio-WITFA/1100 (L=1125mm)
- serio-WITFA/1400 (L=1405mm)
- serio-WITFA/2200 (L=2245mm)
- serio-WITFA/2800 (L=2805mm)



Direct asymmetric light distribution.  
Indirect share via white-opal, satin-finished  
Acryl diffusor.



Classic textured paints::

traffic white



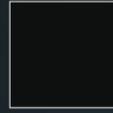
RAL 9016

white aluminium



RAL 9006

deep black



RAL 9005

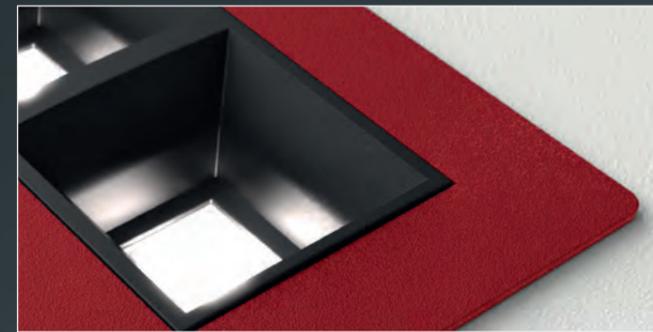
Individual textured paints:

RAL 1001	RAL 1003	RAL 1013	RAL 1015	RAL 1018	RAL 1021	RAL 1028
RAL 2002	RAL 2003	RAL 2004	RAL 2009	RAL 2011	RAL 3000	RAL 3001
RAL 3002	RAL 3003	RAL 3004	RAL 3012	RAL 3015	RAL 3020	RAL 4005
RAL 5002	RAL 5003	RAL 5005	RAL 5010	RAL 5012	RAL 5015	RAL 5017
RAL 5021	RAL 5024	RAL 6005	RAL 6009	RAL 6016	RAL 6018	RAL 6021
RAL 6024	RAL 6026	RAL 6028	RAL 6034	RAL 7001	RAL 7005	RAL 7011
RAL 7012	RAL 7015	RAL 7016	RAL 7021	RAL 7024	RAL 7030	RAL 7035
RAL 7037	RAL 7039	RAL 8001	RAL 8002	RAL 8012	RAL 8017	RAL 8019
RAL 9001	RAL 9002	RAL 9007	RAL 9010	RAL 9017		

You like it colourful? Contact us.

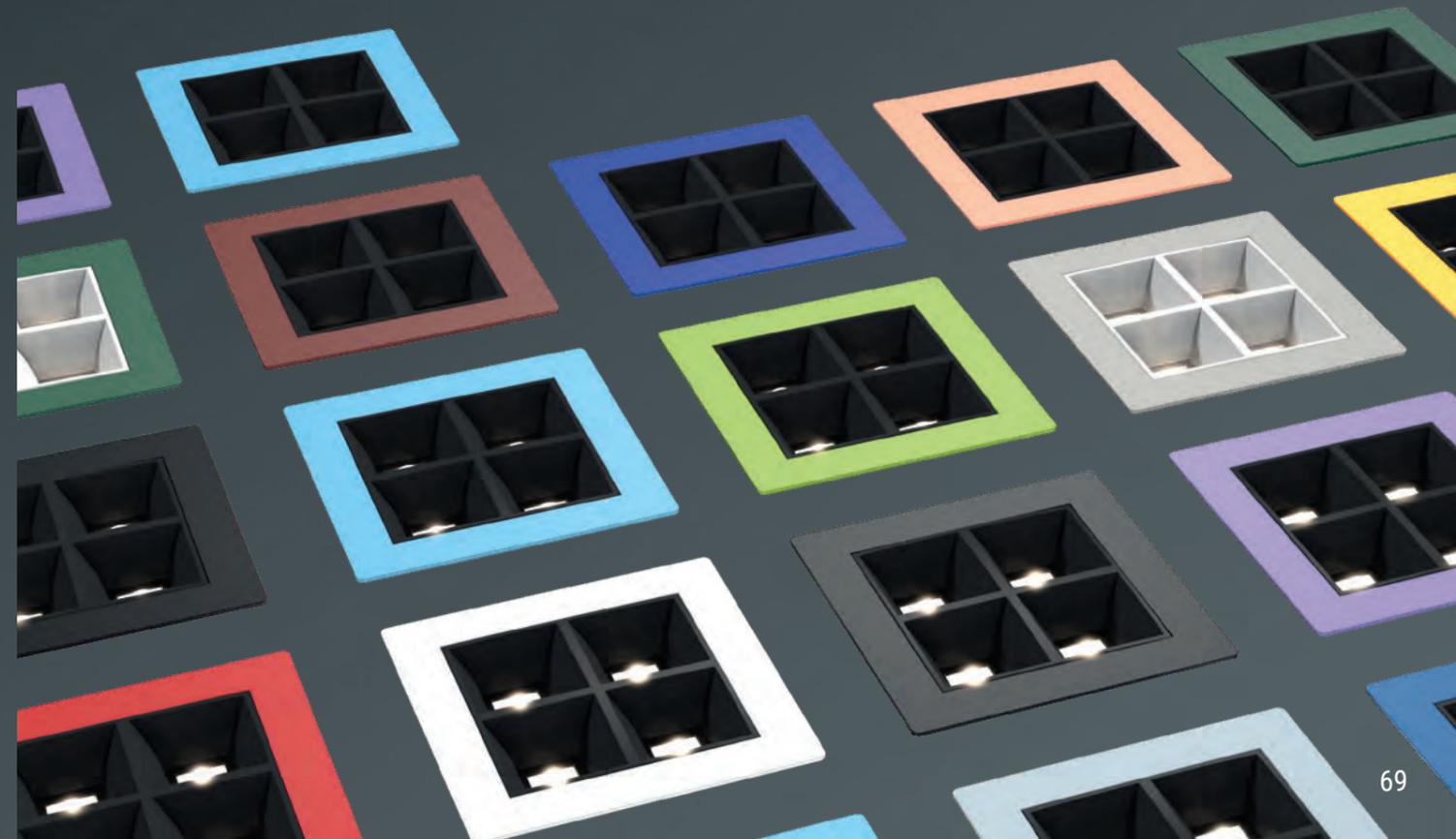
64 individual RAL textured paints are available to choose from.

High quality textured paint



TIME TO GET **COLOURFUL**

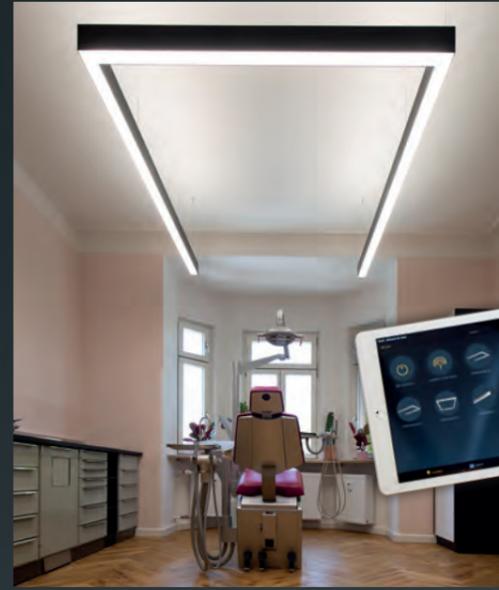
- dirt resistant
- high scratch resistance
- matt appearance





DALI luminaires with integrated casambi module on request

Zahnarztpraxis Dr. Böck, Bamberg DE @ lichtwerk GmbH



## Intuitive light management system

Almost all of our DALI lights can be equipped with a control module that enables wireless control and networking with the help of a smartphone or tablet.

Setting up is very easy and intuitive thanks to bluetooth and an app. The lights can be operated either classically with a switch or by a smart device. Even from anywhere in the world if you want to!

We would be happy to support you in choosing the right components for your project.

# CASAMBI

With the Casambi components integrated in our luminaires, you have the total control over your lighting system. From switching or dimming to complex light scenes, everything can be implemented in the simplest possible way.

### APP

The free Casambi app is the central administration of your lighting. Simply set up your lighting using the app.

### Switch

Define which luminaires or luminaire groups are assigned to which switch for a classical manual control.

### Light colour/HCL

RGBW or tunable white lights can also be addressed and controlled by Casambi. Thus, an intuitive automated control for Human Centric Lighting is no problem.

### Luminaire groups

Using Casambi, lights can be controlled individually in different groups or as a whole. This makes your lighting more flexible than ever.

### Scenes

A wide variety of lighting moods can be implemented in light scenes. These scenes can be recalled by the push of a button or automatically.

### Timer

The timer function can be used to time-control your lighting installation.

# lichtwerk

inspired by light

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Don't forget - This might also be of interest to you.

Licht schafft Charisma

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