

lichtwerk

inspired by light

# lichtwerk



SRAM, Schweinfurt @ lichtwerk





## Flexible

The all-round inclusive package is our standard when it comes to defining our range of services. lichtwerk reacts flexibly to individual customer requirements.

## Emotional

Light creates emotions and only when these satisfy the client's requirements does the lighting achieve the enthusiasm, which we set as our goal.

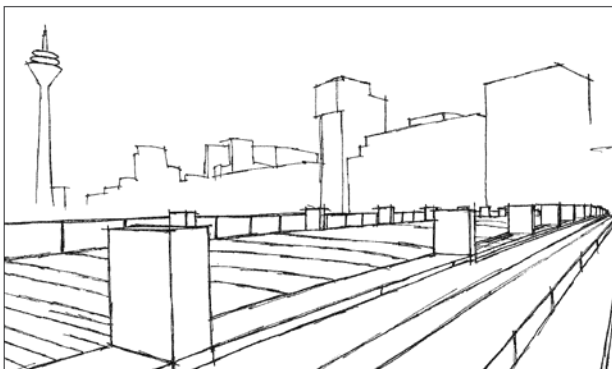
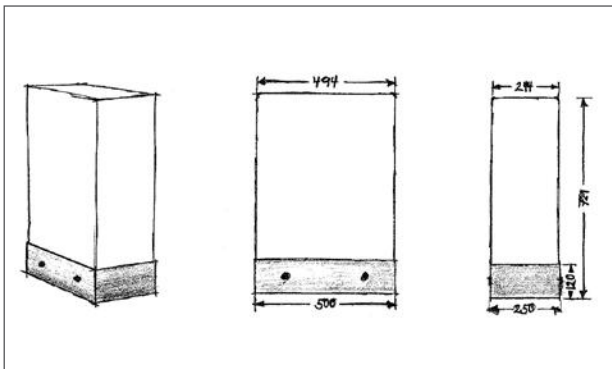
## Creative

Due to the heterogeneous customer structure and changing challenges, lichtwerk is accustomed to always thinking new, innovatively and creatively.



## 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.



Medienhafen, Düsseldorf @ Tom Reindel, Düsseldorf

## From the idea to the product

Inspired by light - Light is the passion, which inspires us over and over again. This enthusiasm makes us creative, lets us go outside the box and exploit the freedom given to its limits.

The flexibility in thinking, which characterizes our corporate philosophy, gives us the pragmatism for which we are appreciated. The key to solving these challenging tasks are flexibility and pragmatism.

Sophisticated projects often can't be realized with standard catalogue products, therefore custom-made solutions are needed.

To meet the requirements of these projects, creativity, high technical competence and an uncompromising customer orientation in consulting, planning and production is necessary - Therefore we have a company orientation, which makes it necessary to examine our own thinking and acting over and over again.

## Artisan of light

We are such an artisan of light, able to act with flexibility, sense of lighting by intuition and conceptual thinking of projects, that clearly stand out from the mass market.





## 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.

## We are there for you

CONTACT Lighting planning



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.





# Table structure

The tabular structure enables an overview of the essential features.

Type	LED Specification	Item-number	the last digit of the article number indicates the housing colour					Luminaire net weight (without packaging)
Designation of the luminaire	Luminous flux lumen (lm) Colour rendering index RA Colour temperature Kelvin (K)	543 3044 10...	→	→	→	→	→	→
Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-number	Colour	Colour	Colour	kg
Sample luminaire	LED 2400lm 840 LB	20	ET	543 3044 10...	■ ...5	□ ...1	■ ...4	3
	LED 4500lm 840 LB	41	DALI	543 3144 10...	■ ...5	□ ...1	■ ...4	3

P<sub>sys</sub> | Lighting system performance

## Driver

- ET | Electronic Driver, non dimmable
- DALI | Electronic Driver, DALI, dimmable
- DALI DT8 | Electronic Driver, DALI, dimmable, Change of light colour
- Tast dim | dimmable via push button
- NL-B | Emergency light single battery

## Colour code/colour

- | aluminium natural anodized
- | traffic white (similar RAL 9016)
- | withe-aluminium (similar RAL 9006)
- | deep black (similar RAL 9017)
- | silver grey
- | stainless steel
- | grit grey
- cr | chrome
- si | silver matt
- sig | silver gloss
- tc | translucent
- cl | clear

# NEW

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



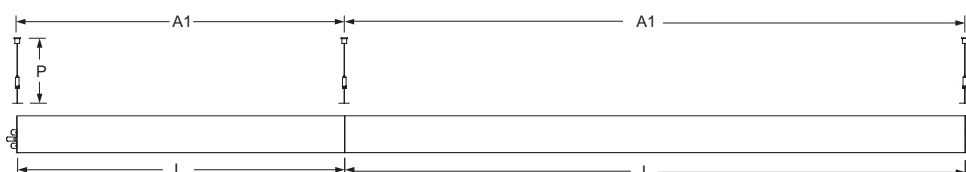
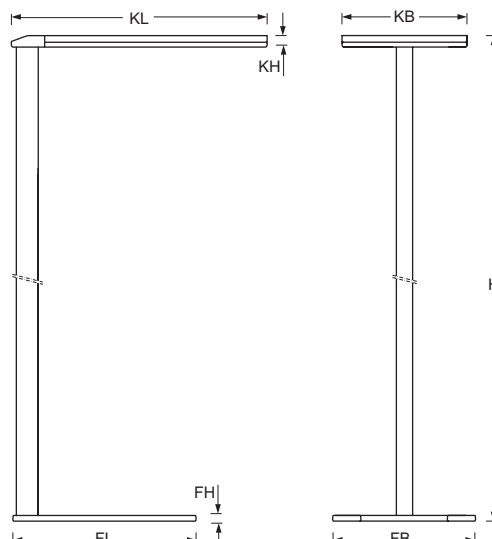
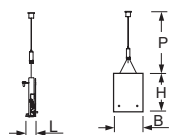
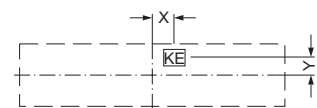
Because of the dynamics in the technical development especially in the field of LED modules and their drivers, the information in this paper can only be a snapshot of the current state and are therefore legally not binding. Please refer to our web site for current product specifications. The QR code on our product pages leads you directly to the respective product family.

EXCLUSION OF LIABILITY

Illustrations, dimensions and weights in our catalogues, price lists and quotations are non-binding. Subject to technical changes, errors and color deviations. All luminaires have been designed for 230V 50Hz mains connection and ambient conditions according to DIN EN 60598 unless otherwise stated, and are supplied without lamps unless otherwise stated.

Most of the indications with regard to certifications are presented in our catalogue in a general form. Verification with regard to products can be easily carried out on our website. We point out that the orderer recognises our delivery and payment conditions unless he/she objects in writing when sending his/her order.

Registration number: DE 40859830



## Definition of measurement table variants

L | Length

□L | Length/Width for square luminaires

L2 | Additional length

B | Width

H | Height

ØD | Diameter

FL | Length of luminaire base

FB | Width of luminaire base

FD | Diameter of luminaire base

T | Depth

KE | Electrical feed in

KL | Length of luminaire head or ballast box

KB | Width of luminaire head or ballast box

KH | Height of luminaire head or ballast box

KD | Diameter of luminaire head or ballast box

A1 | Fixing distance in case of single mounting

A2 | Fixing distance between the luminaires in case of light run mounting

X | Distance from centre of the luminaire to the electrical feed in (x direction = length)

Y | Distance from centre of the luminaire to the electrical feed in (y direction = width)

SL | Length of cut out for recessed luminaires

SB | Width of cut out for recessed luminaires

SD | Diameter of cut out for recessed luminaires

e | Minimum necessary depth for luminaire mounting

ML | Modul (axis) Length

MB | Modul (axis) Width

P | Wire suspension

P min/max | Min./Max. length wire suspension

DS min/max | Min./Max. ceiling thickness in case of cut out ceilings



for ceilings with visible T-rails



for cut-out ceilings

Recessed luminaires

Surface mounted luminaires

Pendant luminaires

Phase-track and luminaires

Lighting systems

Downlights

Wall luminaires  
Standing luminaires

Light furniture

Glass luminaires

Licht control

Information









# PENDANT LUMINAIRES

SRAM, Schweinfurt @ lichtwerk

klir-HIOSA 156



klir-HIOSA 158


klir-HIOSE  
+klir-EAD 162

ciros R-HG/-HIG  
+ciros-SAE 182

ciros R-HG/-HIG  
+ciros-TRE 184

ciros R-HG/-HIG  
+ciros-RPE 186


serio-HIOS 198



serio-HIG 202



serio-HIMP 206



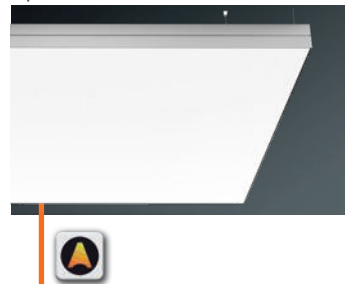
micado Q-HI 222



epic R-HF 226



epic Q-HF 230



rail-HGI 246





klir-HIOSE  
+klir-EMD 166



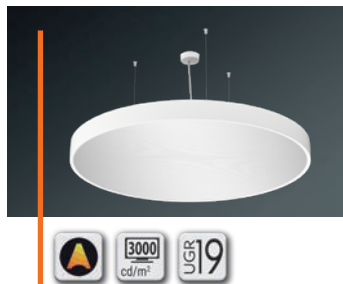
klir-HIOSE  
+klir-ETS 170



klir-HIOSE  
+klir-EVTS 172



ciros R-HMP/-HIMP  
+ciros-SAE 190



ciros R-HMP/-HIMP  
+ciros-TRE 192



ciros R-HMP/-HIMP  
+ciros-RPE 194



serio Q-HIG 210



serio-DENT 214



linar-HOTBI 218



fino-HMP 234



fino-HK 238



fino Q-HK 242



rail-HXI 250



rason-RSHIMP 254



rason-RSHIG 258



## Pendant luminaires from other chapters



### Surface mounted luminaires

clip-on-OB 86



clip-on-OTB 88



clip-on-OG 90



micro-AFA 130



### Glass luminaires

syrma-HB 458



corona-H 464



puck-H 470



clip-on-CTB 92



UGR 19

galant-pro-GPAK 118



galant-pro-GPAKPC 122



dyski-H 476





# klir



Unique &  
extraordinary

Aluminium enclosed by acrylic glass



Illumination for office  
and communication

Boost motivation and attractiveness

DESIGN  
*minimalistic*



image 1:1



*Light creates charisma*



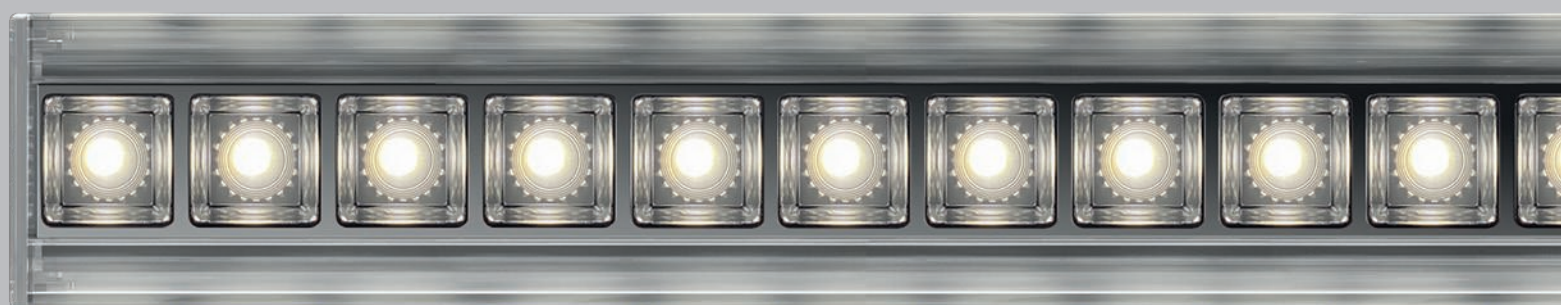
in four lengths

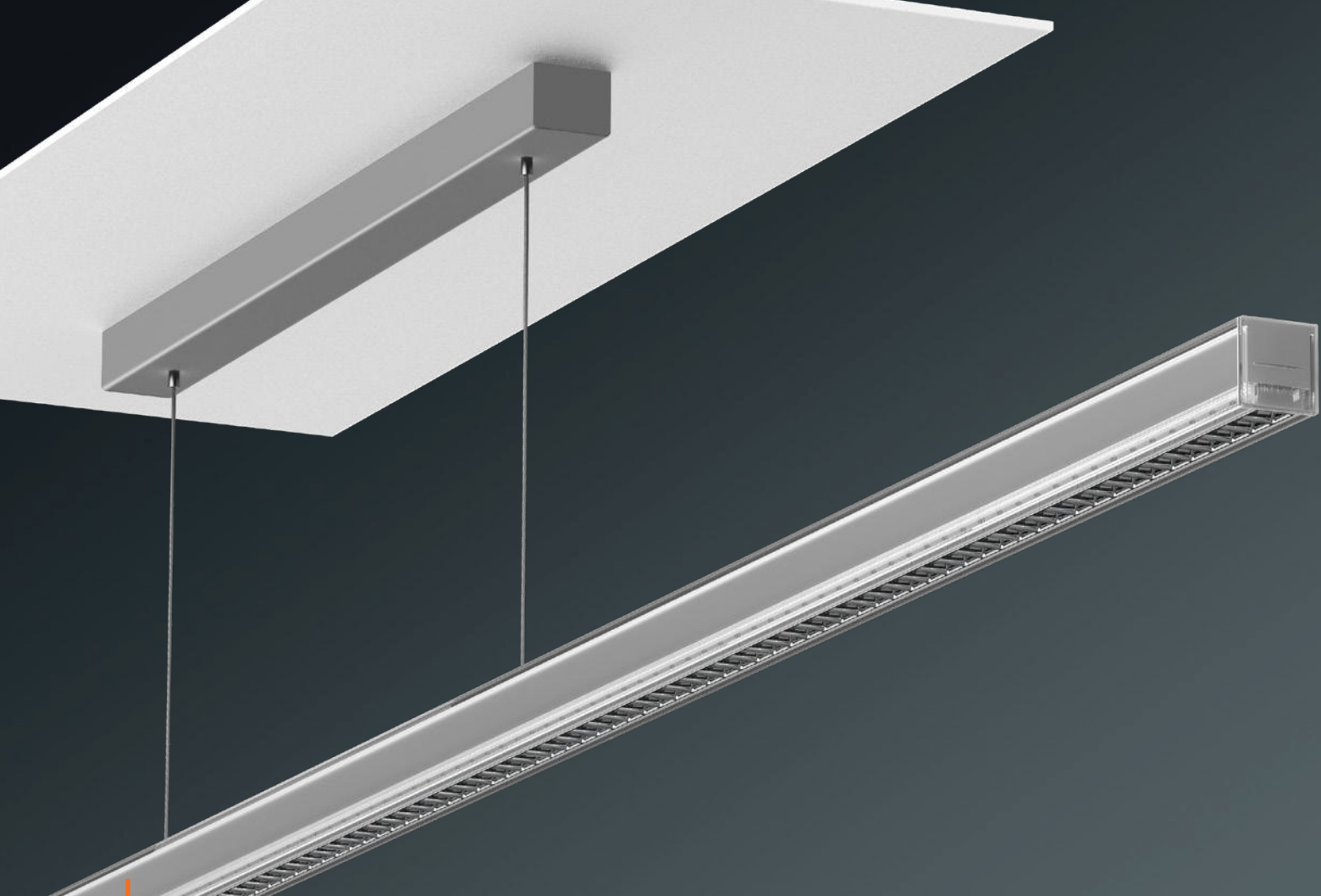
1100

1700

2200

2800





## klir-HIOSA



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSA

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

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

UGR  $\leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K.

Other light colours on request.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Accessories

klir-SDV Face ends with cable entry for surface mounted cable routing.

klir-V0 Mechanical connection for light line assembly.

klir-V0600 Mechanical connection for light line with 560mm spacing.

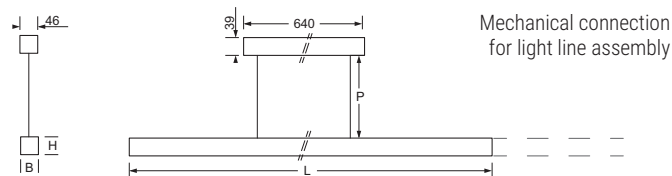
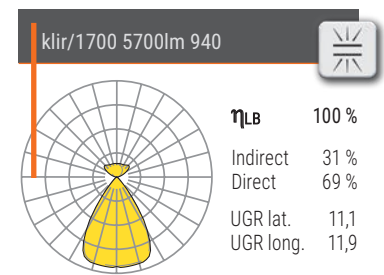
Other length on request.



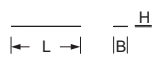
Light line installation with continuous appearance.



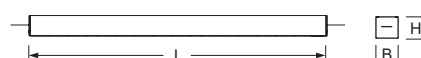
Type	L	B	H	Pmin	Pmax
klir/1100	1127	40	43	150	1500
klir/1700	1687	40	43	150	1500
klir/2200	2247	40	43	150	1500
klir/2800	2807	40	43	150	1500
klir-V0	100	26	1		
klir-V0600	560	40	43		



klir-V0



klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
klir-HIOSA/1100	LED 3800lm 940	31	ED	569 4174 100	[kl] ■	2,6
klir-HIOSA/1100	LED 3800lm 940	31	DALI	569 4176 600	[kl] ■	2,6
klir-HIOSA/1700	LED 5700lm 940	47	ED	569 6174 100	[kl] ■	3,2
klir-HIOSA/1700	LED 5700lm 940	47	DALI	569 6176 600	[kl] ■	3,2
klir-HIOSA/2200	LED 7600lm 940	62	ED	569 8174 100	[kl] ■	3,9
klir-HIOSA/2200	LED 7600lm 940	62	DALI	569 8176 600	[kl] ■	3,9
klir-HIOSA/2800	LED 9600lm 940	78	ED	569 0174 100	[kl] ■	4,5
klir-HIOSA/2800	LED 9600lm 940	78	DALI	569 0176 600	[kl] ■	4,5
klir-HIOSA/1100	LED 3600lm 930	31	ED	569 4154 100	[kl] ■	2,6
klir-HIOSA/1100	LED 3600lm 930	31	DALI	569 4156 600	[kl] ■	2,6
klir-HIOSA/1700	LED 5400lm 930	47	ED	569 6154 100	[kl] ■	3,2
klir-HIOSA/1700	LED 5400lm 930	47	DALI	569 6156 600	[kl] ■	3,2
klir-HIOSA/2200	LED 7100lm 930	62	ED	569 8154 100	[kl] ■	3,9
klir-HIOSA/2200	LED 7100lm 930	62	DALI	569 8156 600	[kl] ■	3,9
klir-HIOSA/2800	LED 8900lm 930	78	ED	569 0154 100	[kl] ■	4,5
klir-HIOSA/2800	LED 8900lm 930	78	DALI	569 0156 600	[kl] ■	4,5



klir-SDV



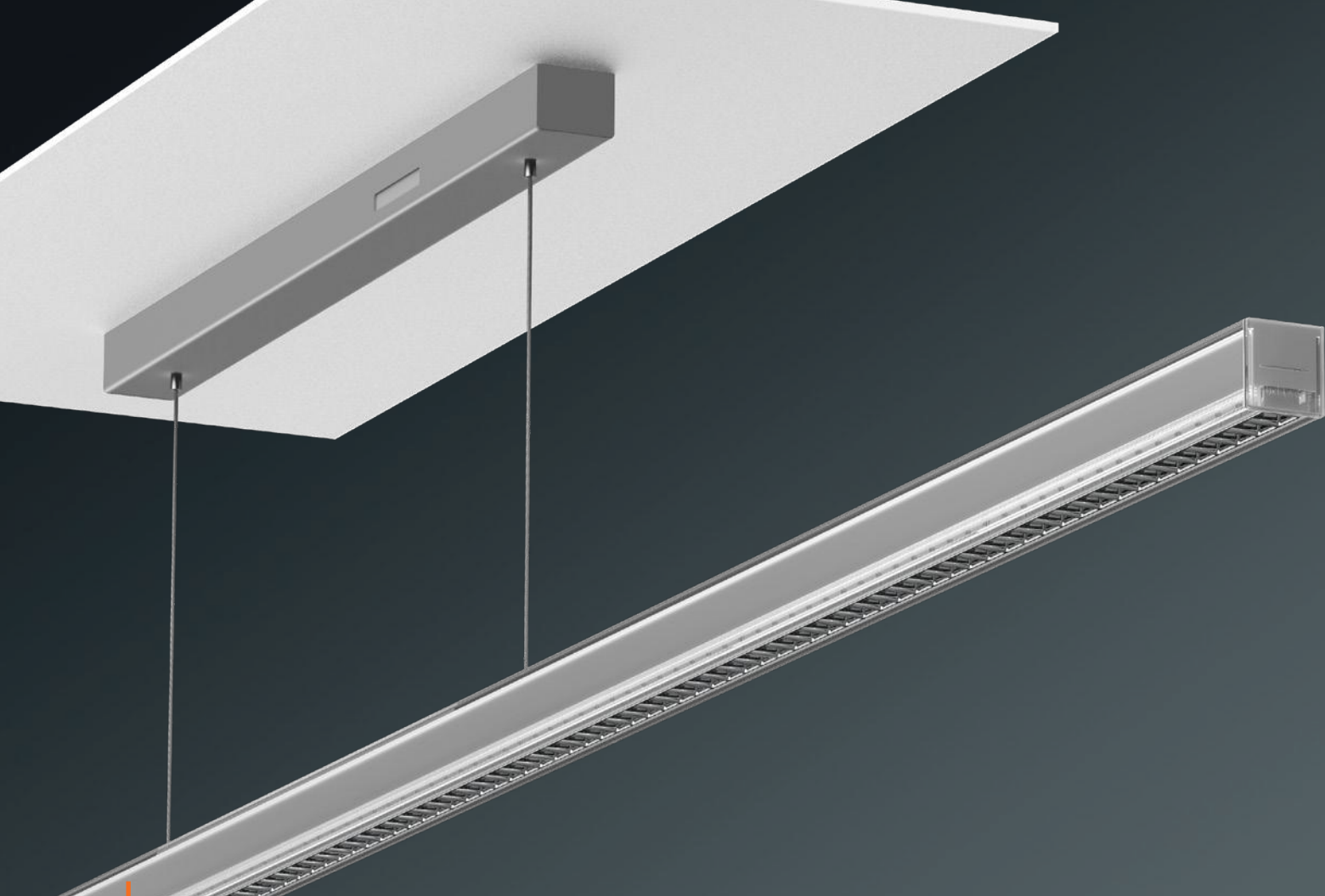
klir-V0



klir-V0600

Accessories	Type	Details	Item-Number	Colour	kg
Face ends	klir-SDV	Face ends with cable entry for surface mounted cable routing	569 0000 100	■	0,03
Mechanical connection	klir-V0	Mechanical connection	569 1000 100	■	0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100	[kl] ■	0,62





## klir-HIOSA



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSA

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

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

UGR  $\leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K. Other light colours on request.



**Luminaire with integrated casambi light control module.**

Operation via free app and further system components P. 484-487.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Accessories

klir-SDV Face ends with cable entry for surface mounted cable routing.

klir-V0 Mechanical connection for light line assembly.

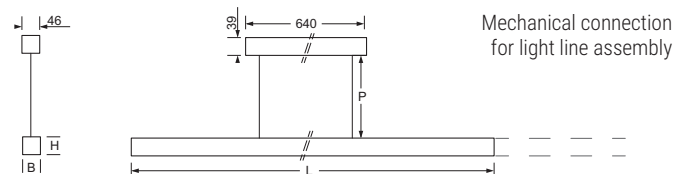
klir-V0600 Mechanical connection for light line with 560mm spacing.

Other length on request.

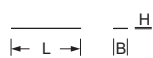


Light line installation with continuous appearance.

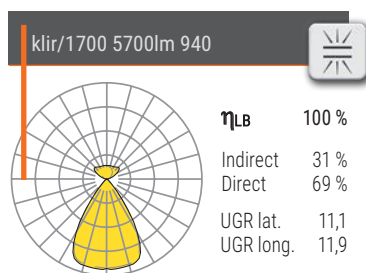
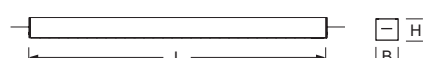
Type	L	B	H	Pmin	Pmax
klir/1100	1127	40	43	150	1500
klir/1700	1687	40	43	150	1500
klir/2200	2247	40	43	150	1500
klir/2800	2807	40	43	150	1500
klir-V0	100	26	1		
klir-V0600	560	40	43		



klir-V0



klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
klir-HIOSA/1100	LED 3800lm 940	31	FLEX10L	569 4171 600	[kl] ■	2,6
klir-HIOSA/1700	LED 5700lm 940	47	FLEX10L	569 6171 600	[kl] ■	3,2
klir-HIOSA/2200	LED 7600lm 940	62	FLEX10L	569 8171 600	[kl] ■	3,9
klir-HIOSA/2800	LED 9600lm 940	78	FLEX10L	569 0171 600	[kl] ■	4,5
klir-HIOSA/1100	LED 3600lm 930	31	FLEX10L	569 4151 600	[kl] ■	2,6
klir-HIOSA/1700	LED 5400lm 930	47	FLEX10L	569 6151 600	[kl] ■	3,2
klir-HIOSA/2200	LED 7100lm 930	62	FLEX10L	569 8151 600	[kl] ■	3,9
klir-HIOSA/2800	LED 8900lm 930	78	FLEX10L	569 0151 600	[kl] ■	4,5



klir-SDV



klir-V0



klir-V0600

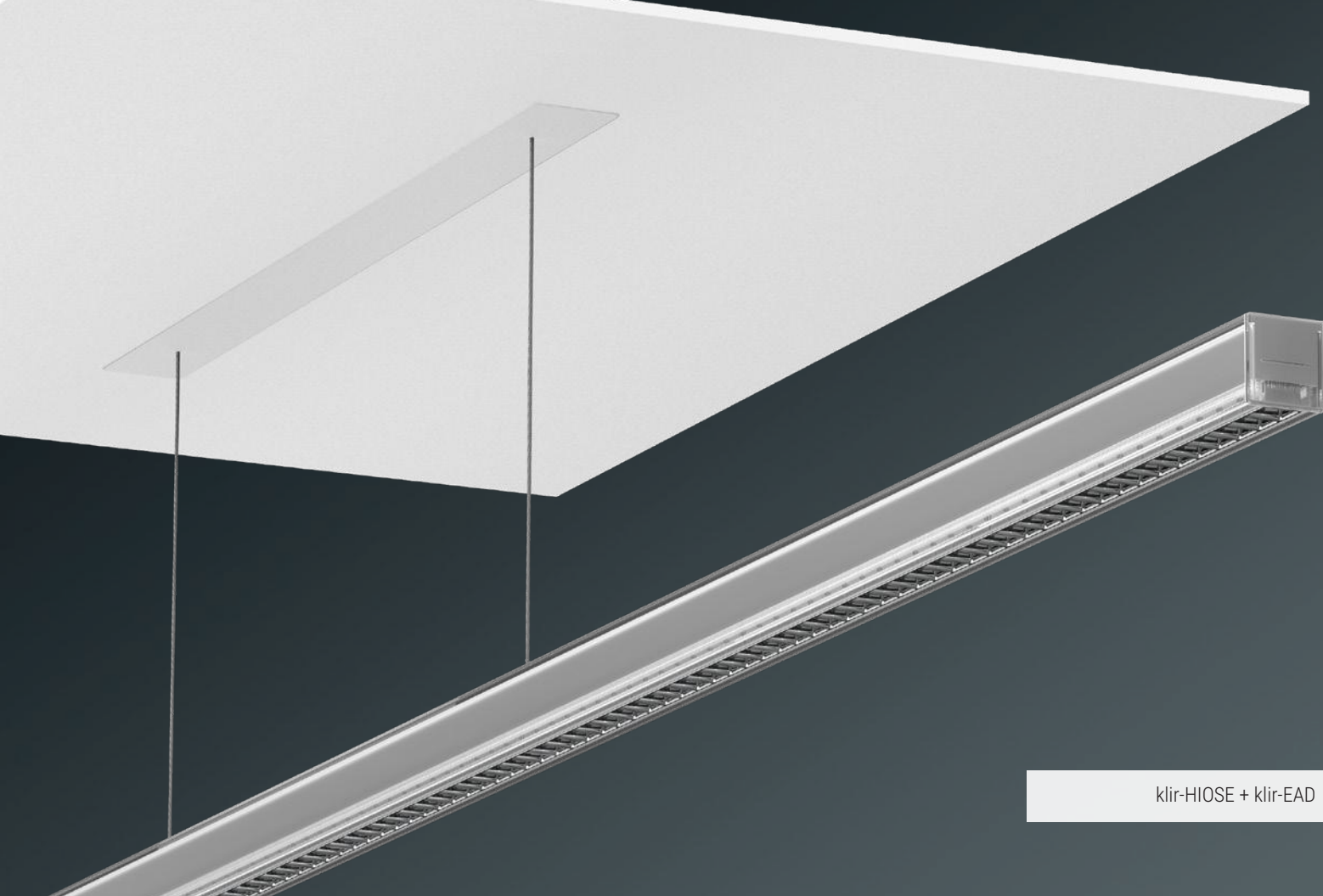
Accessories	Type	Details	Item-Number	Colour	kg
Face ends	klir-SDV	Face ends with cable entry for surface mounted cable routing	569 0000 100	■	0,03
Mechanical connection	klir-V0	Mechanical connection	569 1000 100	■	0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100	[kl] ■	0,62











klir-HIOSE + klir-EAD

## klir-HIOSE



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSE

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

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

UGR  $\leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-LW Controller Box FLEX10M with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Set for cut out ceiling installation

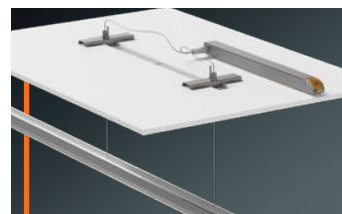
Mounting set for cut out ceilings incl. mounting rail and cover, traffic white, similar RAL 9016. Ceiling thickness 12,5 to 25mm. To be ordered separately.

### Accessories

klir-V0 Mechanical connection for light line assembly.

klir-V0600 Mechanical connection for light line with 560mm spacing.

Other length on request.



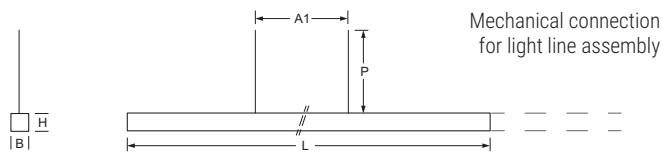
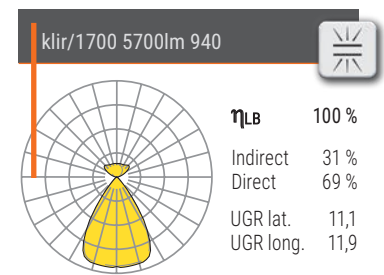
Top view  
klir-EAD



Light line installation  
with continuous  
appearance.



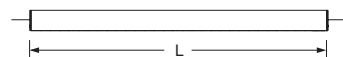
Type	L	B	H	A1	Pmin	Pmax	SL	SB	e <sub>min</sub>
klir/1100	1127	40	43	520	150	1500			
klir/1700	1687	40	43	520	150	1500			
klir/2200	2247	40	43	520	150	1500			
klir/2800	2807	40	43	520	150	1500			
klir-V0	100	26	1						
klir-V0600	560	40	43						
klir-EAD	640	50	56				630	40	100



klir-EAD



klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>Sys</sub> (W)	Driver	Item-Number	Colour	kg
klir-HIOSE/1100	LED 3800lm 940	31	ED	569 4174 110	[kl] [ ]	2,2
klir-HIOSE/1100	LED 3800lm 940	31	DALI	569 4176 610	[kl] [ ]	2,2
klir-HIOSE/1700	LED 5700lm 940	47	ED	569 6174 110	[kl] [ ]	2,8
klir-HIOSE/1700	LED 5700lm 940	47	DALI	569 6176 610	[kl] [ ]	2,8
klir-HIOSE/2200	LED 7600lm 940	62	ED	569 8174 110	[kl] [ ]	3,5
klir-HIOSE/2200	LED 7600lm 940	62	DALI	569 8176 610	[kl] [ ]	3,5
klir-HIOSE/2800	LED 9600lm 940	78	ED	569 0174 110	[kl] [ ]	4,1
klir-HIOSE/2800	LED 9600lm 940	78	DALI	569 0176 610	[kl] [ ]	4,1
klir-HIOSE/1100	LED 3600lm 930	31	ED	569 4154 110	[kl] [ ]	2,2
klir-HIOSE/1100	LED 3600lm 930	31	DALI	569 4156 610	[kl] [ ]	2,2
klir-HIOSE/1700	LED 5400lm 930	47	ED	569 6154 110	[kl] [ ]	2,8
klir-HIOSE/1700	LED 5400lm 930	47	DALI	569 6156 610	[kl] [ ]	2,8
klir-HIOSE/2200	LED 7100lm 930	62	ED	569 8154 110	[kl] [ ]	3,5
klir-HIOSE/2200	LED 7100lm 930	62	DALI	569 8156 610	[kl] [ ]	3,5
klir-HIOSE/2800	LED 8900lm 930	78	ED	569 0154 110	[kl] [ ]	4,1
klir-HIOSE/2800	LED 8900lm 930	78	DALI	569 0156 610	[kl] [ ]	4,1



klir-EAD



klir-V0



klir-V0600

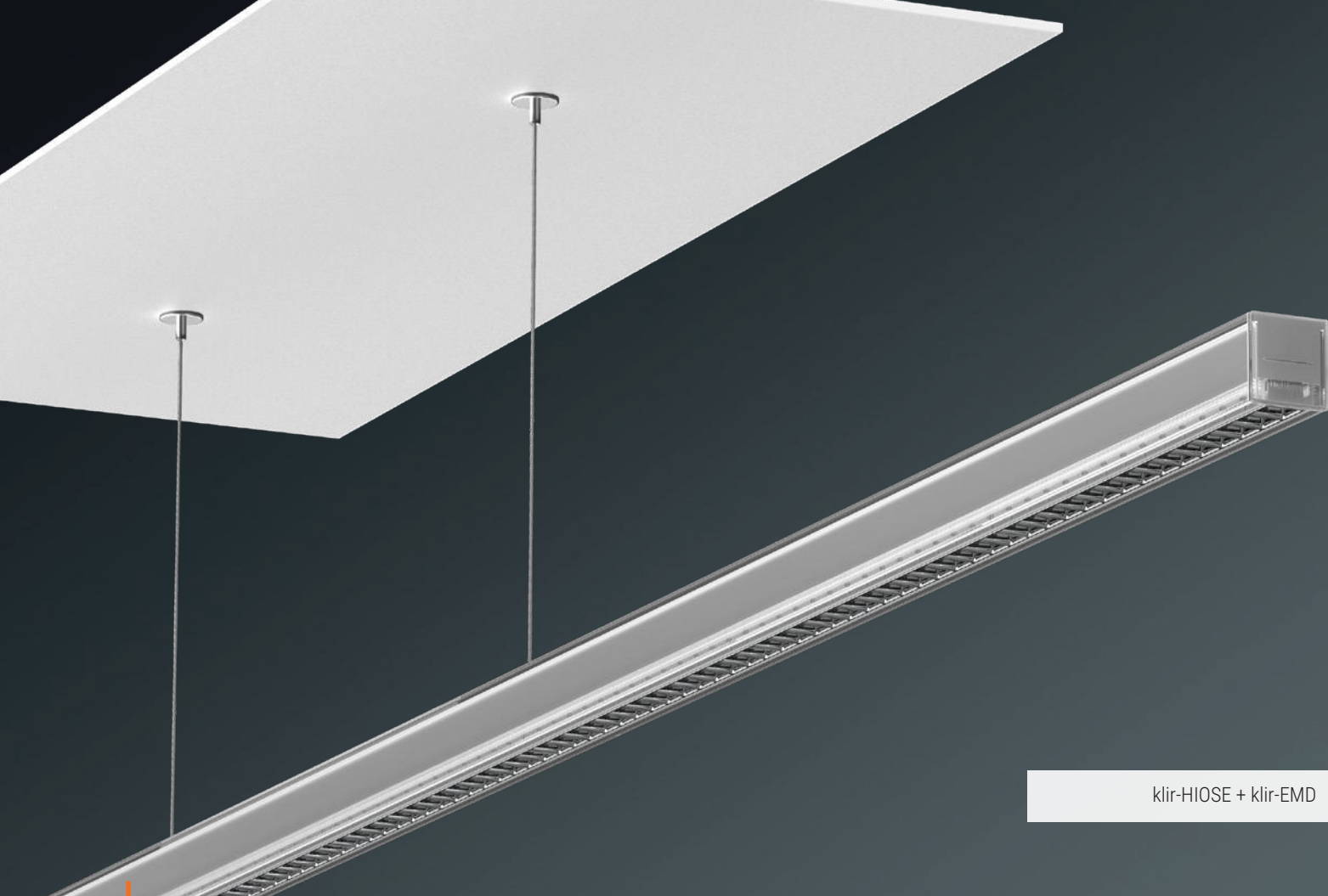
Accessories	Type	Details	Item-Number	Colour	kg
Mounting set	klir-EAD	Mounting for cut out ceilings	569 5000 140	[ ]	0,63
Mechanical connection	klir-V0	Mechanical connection	569 1000 100	[ ]	0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100	[kl] [ ]	0,62











klir-HIOSE + klir-EMD

## klir-HIOSE



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSE

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

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

UGR  $\leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-LW Controller Box FLEX10M with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Set for cut out ceiling installation

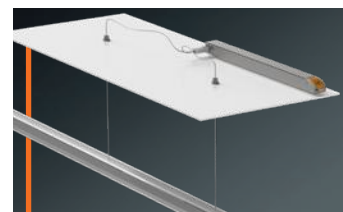
Mounting set for load-bearing system panels. Panel thickness 1-5mm. To be ordered separately.

### Accessories

klir-V0 Mechanical connection for light line assembly.

klir-V0600 Mechanical connection for light line with 560mm spacing.


Other length on request.

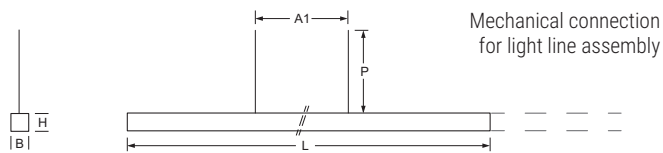
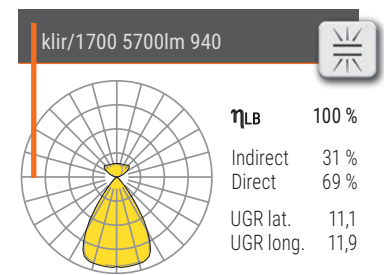


Top view  
klir-EMD

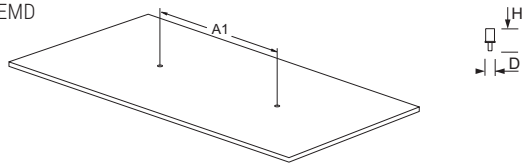


Light line installation  
with continuous  
appearance.

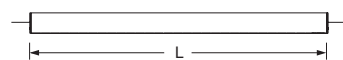
Type	L	B	H	Pmin	Pmax	D	A1	
klir/1100	1127	40	43	150	1500		520	
klir/1700	1687	40	43	150	1500		520	
klir/2200	2247	40	43	150	1500		520	
klir/2800	2807	40	43	150	1500		520	
klir-V0	100	26	1					
klir-V0600	560	40	43					
klir-EMD			32			26	520	13



klir-EMD




















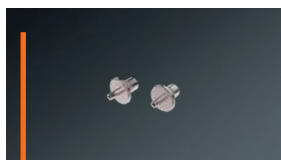
klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	
klir-HIOSE/1100	LED 3800lm 940	31	ED	569 4174 110		2,2
klir-HIOSE/1100	LED 3800lm 940	31	DALI	569 4176 610		2,2
klir-HIOSE/1700	LED 5700lm 940	47	ED	569 6174 110		2,8
klir-HIOSE/1700	LED 5700lm 940	47	DALI	569 6176 610		2,8
klir-HIOSE/2200	LED 7600lm 940	62	ED	569 8174 110		3,5
klir-HIOSE/2200	LED 7600lm 940	62	DALI	569 8176 610		3,5
klir-HIOSE/2800	LED 9600lm 940	78	ED	569 0174 110		4,1
klir-HIOSE/2800	LED 9600lm 940	78	DALI	569 0176 610		4,1
klir-HIOSE/1100	LED 3600lm 930	31	ED	569 4154 110		2,2
klir-HIOSE/1100	LED 3600lm 930	31	DALI	569 4156 610		2,2
klir-HIOSE/1700	LED 5400lm 930	47	ED	569 6154 110		2,8
klir-HIOSE/1700	LED 5400lm 930	47	DALI	569 6156 610		2,8
klir-HIOSE/2200	LED 7100lm 930	62	ED	569 8154 110		3,5
klir-HIOSE/2200	LED 7100lm 930	62	DALI	569 8156 610		3,5
klir-HIOSE/2800	LED 8900lm 930	78	ED	569 0154 110		4,1
klir-HIOSE/2800	LED 8900lm 930	78	DALI	569 0156 610		4,1







klir-EMD



klir-V0



klir-V0600

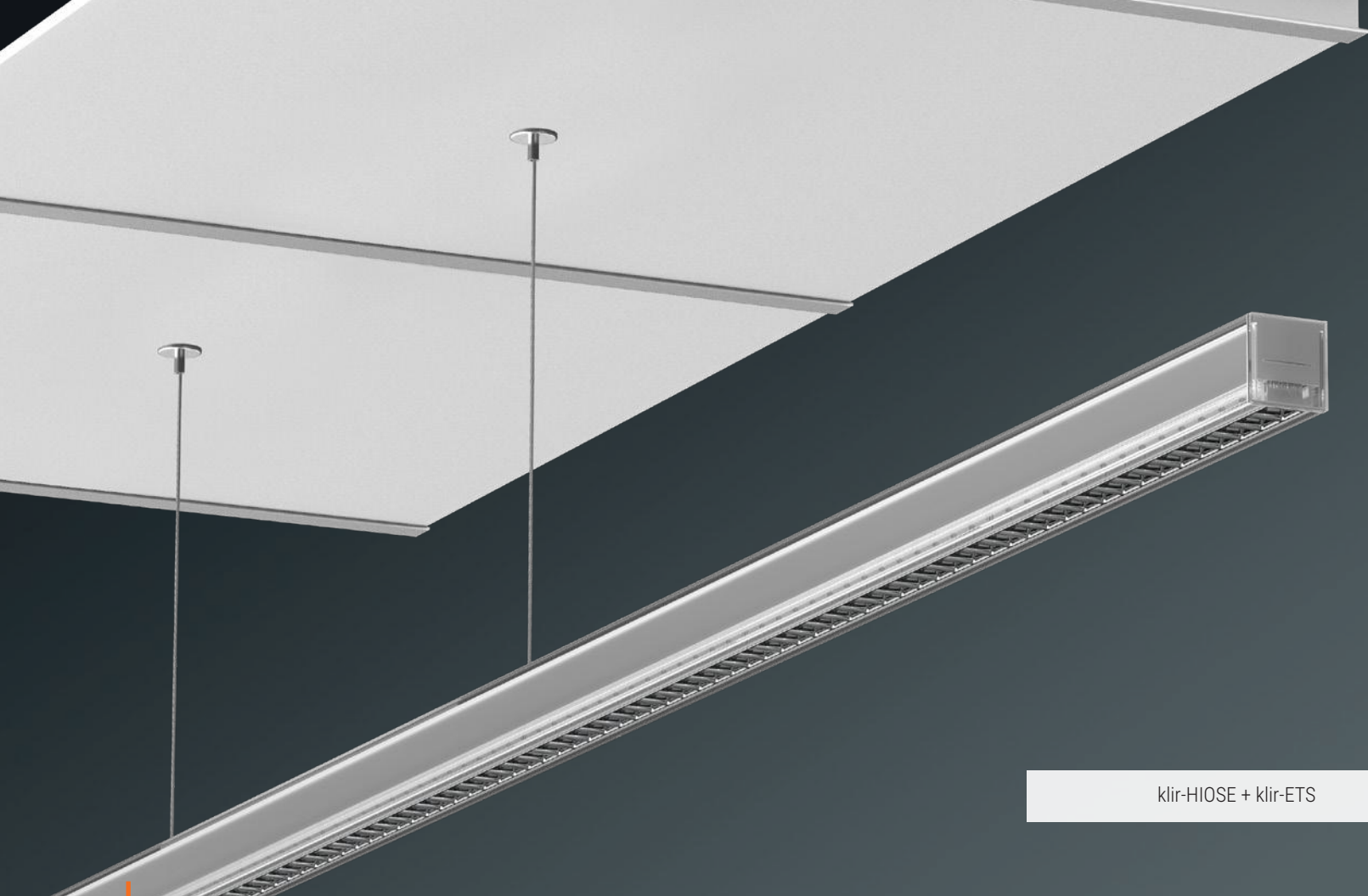
Accessories	Type	Details	Item-Number	Colour	
Mounting set	klir-EMD	Mounting set for load-bearing system panels	569 5000 130		0,07
Mechanical connection	klir-V0	Mechanical connection	569 1000 100		0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100		0,62











klir-HIOSE + klir-ETS

## klir-HIOSE



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSE

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

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

UGR  $\leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-LW Controller Box FLEX10M with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Set for cut out ceiling installation

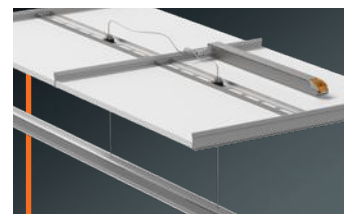
Mounting set for modular ceilings 625 with visible T-rails 24mm incl. hidden mounting rails for transferring the weight to the ceiling supporting structure via one or two modular units. Suitable for panel thickness 1 - 25 mm. To be ordered separately. Other panel thickness on request.

### Accessories

klir-V0 Mechanical connection for light line assembly.

klir-V0600 Mechanical connection for light line with 560mm spacing.

Other length on request.

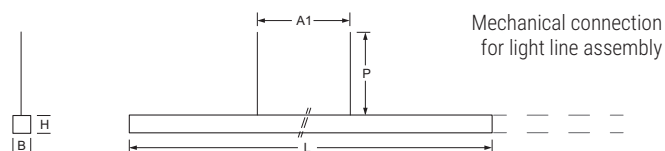
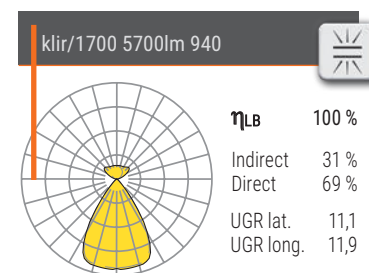


Top view  
klir-ETS

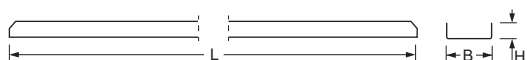


Light line installation  
with continuous  
appearance.

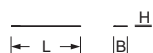
Type	L	B	H	A1	Pmin	Pmax	e <sub>min</sub>
klir/1100	1127	40	43	520	150	1500	
klir/1700	1687	40	43	520	150	1500	
klir/2200	2247	40	43	520	150	1500	
klir/2800	2807	40	43	520	150	1500	
klir-V0	100	26	1				
klir-V0600	560	40	43				
klir-ETS	622	47	11				100



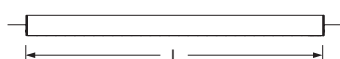
klir-ETS



klir-V0



klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
klir-HIOSE/1100	LED 3800lm 940	31	ED	569 4174 110	[kl] [940]	2,2
klir-HIOSE/1100	LED 3800lm 940	31	DALI	569 4176 610	[kl] [940]	2,2
klir-HIOSE/1700	LED 5700lm 940	47	ED	569 6174 110	[kl] [940]	2,8
klir-HIOSE/1700	LED 5700lm 940	47	DALI	569 6176 610	[kl] [940]	2,8
klir-HIOSE/2200	LED 7600lm 940	62	ED	569 8174 110	[kl] [940]	3,5
klir-HIOSE/2200	LED 7600lm 940	62	DALI	569 8176 610	[kl] [940]	3,5
klir-HIOSE/2800	LED 9600lm 940	78	ED	569 0174 110	[kl] [940]	4,1
klir-HIOSE/2800	LED 9600lm 940	78	DALI	569 0176 610	[kl] [940]	4,1
klir-HIOSE/1100	LED 3600lm 930	31	ED	569 4154 110	[kl] [930]	2,2
klir-HIOSE/1100	LED 3600lm 930	31	DALI	569 4156 610	[kl] [930]	2,2
klir-HIOSE/1700	LED 5400lm 930	47	ED	569 6154 110	[kl] [930]	2,8
klir-HIOSE/1700	LED 5400lm 930	47	DALI	569 6156 610	[kl] [930]	2,8
klir-HIOSE/2200	LED 7100lm 930	62	ED	569 8154 110	[kl] [930]	3,5
klir-HIOSE/2200	LED 7100lm 930	62	DALI	569 8156 610	[kl] [930]	3,5
klir-HIOSE/2800	LED 8900lm 930	78	ED	569 0154 110	[kl] [930]	4,1
klir-HIOSE/2800	LED 8900lm 930	78	DALI	569 0156 610	[kl] [930]	4,1



klir-ETS



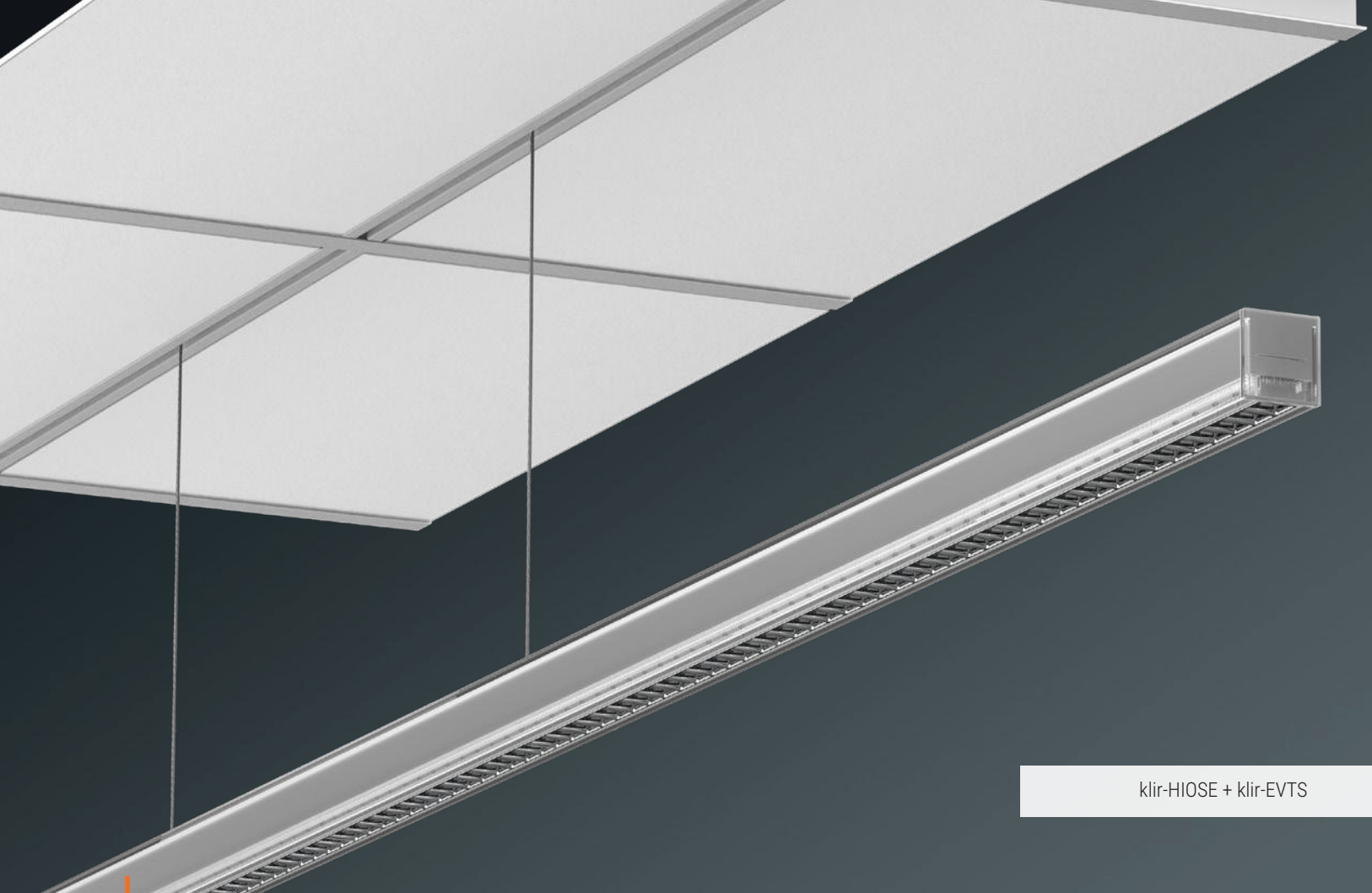
klir-V0



klir-V0600

Accessories	Type	Details	Item-Number	Colour	kg
Mounting set	klir-ETS	Hidden mounting set for modular ceilings with visible T-rails	569 5000 120	[kl] [940]	0,62
Mechanical connection	klir-V0	Mechanical connection	569 1000 100	[kl] [930]	0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100	[kl] [940]	0,62





klir-HIOSE + klir-EVTS

## klir-HIOSE



### Housing

Aluminium profile, naturally anodized, combined with clear face ends and side elements made from acrylic glass. Integrated Fresnel optic for lateral profile illumination. Other housing colours on request.

### Lighting technology -HIOSE

Direct/indirect distribution.

Direct distribution via integrated micro cell grid, high gloss metallized. Indirect ratio extreme wide distribution through continuous linear lens. Side elements made from acrylic glass with integrated Fresnel optic for lateral profile illumination.

Suitable for VDU workstations  $65^\circ < 1000 \text{ cd/m}^2$ .  $\text{UGR} \leq 16$  according to DIN-EN 12464-1.

Rated life time: L80 B10 50.000h. CRI  $\geq 90$ .

Light colour: 3000K or 4000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-LW Controller Box FLEX10M with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Canopy made of aluminium profile, naturally anodized with integrated driver. Single wire suspension, translucent, with integrated live wire. Free height adjustment between 150 and 1500 mm.

### Set for cut out ceiling installation

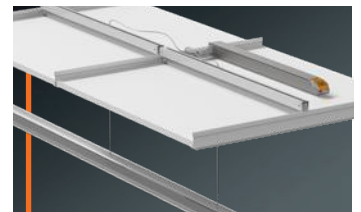
Mounting set for modular ceilings 625 with visible T-rails 24mm incl. visible mounting rails, traffic white, for transferring the weight to the ceiling supporting structure. Single wire suspension freely moveable via one or two modular units. Suitable for panel thickness 12 - 30 mm. To be ordered separately.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

### Accessories

klir-V0 Mechanical connection for light line assembly.

klir-V0600 Mechanical connection for light line with 560mm spacing.

Other length on request.

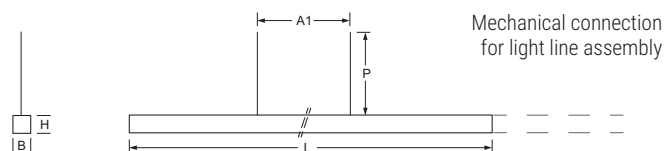
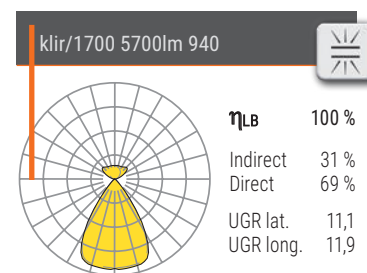


Top view  
klir-EVTS

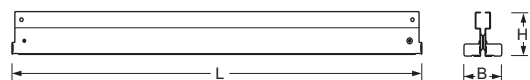


Light line installation  
with continuous  
appearance.

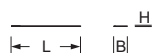
Type	L	B	H	Pmin	Pmax	SL	SB	e <sub>min</sub>
klir/1100	1127	40	43	150	1500			
klir/1700	1687	40	43	150	1500			
klir/2200	2247	40	43	150	1500			
klir/2800	2807	40	43	150	1500			
klir-V0	100	26	1					
klir-V0600	560	40	43					
klir-EVTS	621	50	58				8	100



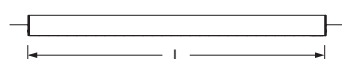
klir-EVTS



klir-V0



klir-V0600



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



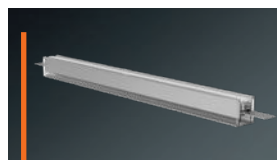
Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
klir-HIOSE/1100	LED 3800lm 940	31	ED	569 4174 110	[kl] [ ]	2,2
klir-HIOSE/1100	LED 3800lm 940	31	DALI	569 4176 610	[kl] [ ]	2,2
klir-HIOSE/1700	LED 5700lm 940	47	ED	569 6174 110	[kl] [ ]	2,8
klir-HIOSE/1700	LED 5700lm 940	47	DALI	569 6176 610	[kl] [ ]	2,8
klir-HIOSE/2200	LED 7600lm 940	62	ED	569 8174 110	[kl] [ ]	3,5
klir-HIOSE/2200	LED 7600lm 940	62	DALI	569 8176 610	[kl] [ ]	3,5
klir-HIOSE/2800	LED 9600lm 940	78	ED	569 0174 110	[kl] [ ]	4,1
klir-HIOSE/2800	LED 9600lm 940	78	DALI	569 0176 610	[kl] [ ]	4,1
klir-HIOSE/1100	LED 3600lm 930	31	ED	569 4154 110	[kl] [ ]	2,2
klir-HIOSE/1100	LED 3600lm 930	31	DALI	569 4156 610	[kl] [ ]	2,2
klir-HIOSE/1700	LED 5400lm 930	47	ED	569 6154 110	[kl] [ ]	2,8
klir-HIOSE/1700	LED 5400lm 930	47	DALI	569 6156 610	[kl] [ ]	2,8
klir-HIOSE/2200	LED 7100lm 930	62	ED	569 8154 110	[kl] [ ]	3,5
klir-HIOSE/2200	LED 7100lm 930	62	DALI	569 8156 610	[kl] [ ]	3,5
klir-HIOSE/2800	LED 8900lm 930	78	ED	569 0154 110	[kl] [ ]	4,1
klir-HIOSE/2800	LED 8900lm 930	78	DALI	569 0156 610	[kl] [ ]	4,1



klir-EVTS



klir-V0



klir-V0600

Accessories	Type	Details	Item-Number	Colour	kg
Mounting set	klir-EVTS	Variable visible mounting set for modular ceilings with visible T-rails	569 5000 110	[ ]	1,18
Mechanical connection	klir-V0	Mechanical connection	569 1000 100	[ ]	0,02
	klir-V0600	Mechanical connection with 560mm spacing	569 1056 100	[kl] [ ]	0,62









## Housing

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



## Lighting technology

ciros R-HIMP/-HMP  
multilayer  
microprismatic



ciros R-HIG/-HG  
white-opal satinised



## Housing Colours

Textured paint

□ traffic white

■ white aluminium

■ deep black

ciros R900-HIG

ciros R600-HIG

ciros R400-HG

## Distribution

ciros R400  
direct distribution only

ciros R600/900/1200  
with indirect distribution











## Suspension variants

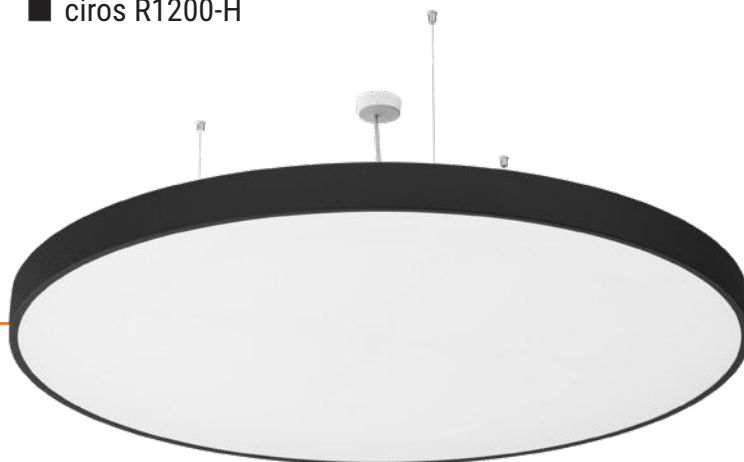
With our ciros-pendant luminaires you can choose between three suspension variants.

### Three-point-suspension

□ ciros-SAE



■ ciros R1200-H



### Triangle-suspension

□ ciros-TRE



wa



■



not available  
for diameter 1200

### Rod suspension

□ ciros-RPE



wa



■



not available  
for diameter 1200





□ ciros R900-H



■ ciros R600-H



■ ciros R400-H





ciros R1200-HIG + ciros-SAE

## ciros R-HG/ciros R-HIG



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HG (ciros R400)

Direct distribution.

Homogenous illumination by satinised special acrylic pane with high transmission.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIG (ciros R600/900/1200)

Direct/indirect distribution.

Homogenous illumination by satinised special acrylic pane with high transmission.

Indirect ratio by separate LED's with satinised special acrylic pane.

Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h. Light colour: 4000K. Optional: 3000K.

Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-SAE)

Three point suspension, free height adjustment between 200 and 2000mm for ciros/400, ciros/600, ciros/900 and ciros/1200. Translucent connection cord, 5x0,75mm², 2000mm. Ceiling canopy plastic, white.

Suspension must be ordered separately.



white aluminium

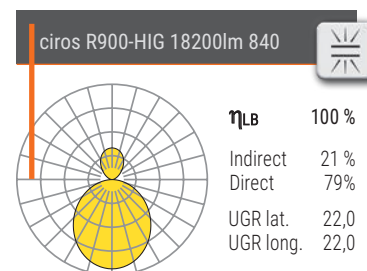
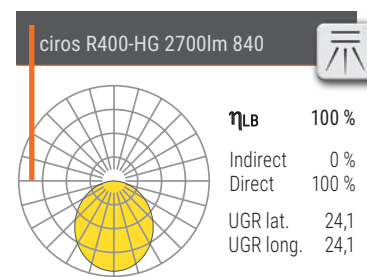
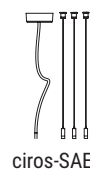
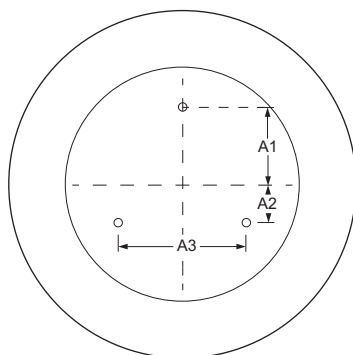
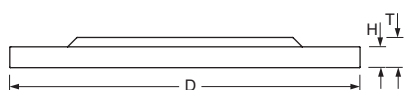


traffic white

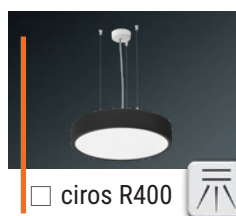


deep black

Type	D	H	T	A1	A2	A3
ciros R400	365	69	100	80	40	139
ciros R600	600	69	100	145	72,5	251
ciros R900	880	69	100	220	110	381
ciros R1200	1160	69	100	310	155	537



ciros-SAE Three-point-suspension must be ordered separately.



ciros R-HG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R400-HG	LED 2700lm 840	23	ED	568 4144 18...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HG	LED 2700lm 840	23	DALI	568 4146 68...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R600-HIG	LED 8200lm 840	66	ED	567 6144 18...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIG	LED 8200lm 840	66	DALI	567 6146 68...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIG	LED 18200lm 840	128	ED	567 9144 18...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIG	LED 18200lm 840	128	DALI	567 9146 68...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R1200-HIG	LED 31900lm 840	223	ED	567 1144 18...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	27,9
ciros R1200-HIG	LED 31900lm 840	223	DALI	567 1146 68...	wa ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	27,9



☐ ciros-SAE

Accessories	Type	Details	Item-Number	Colour	kg
Three point suspension	ciros-SAE 5 pol.	Three point suspension incl. ceiling canopy and connection cord 5 pol.	567 0057 100	<input type="checkbox"/>	1,18





ciros R900-HIG + ciros-TRE

## ciros R-HG/ciros R-HIG



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HG (ciros R400)

Direct distribution.

Homogenous illumination by satinised special acrylic pane with high transmission. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIG (ciros R600/900)

Direct/indirect distribution.

Homogenous illumination by satinised special acrylic pane with high transmission. Indirect ratio by separate LED's with satinised special acrylic pane. Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h. Light colour: 4000K. Optional: 3000K.

Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-TRE)

Triangle suspension, free height adjustment between 300 and 2000mm for ciros/400, ciros/600, ciros/900. Ceiling canopy 130mm x 45mm made of aluminium, texture painted white-aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005).

Secondary safety wire (except for ciros/400). Translucent connection cord, 5x0,75mm², 2000mm. Suspension must be ordered separately.



white aluminium

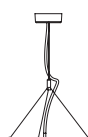
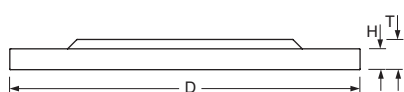


traffic white

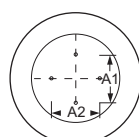


deep black

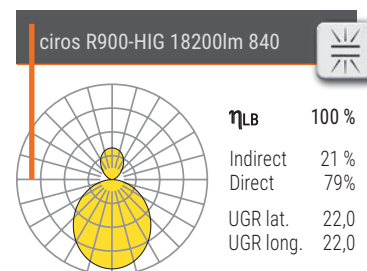
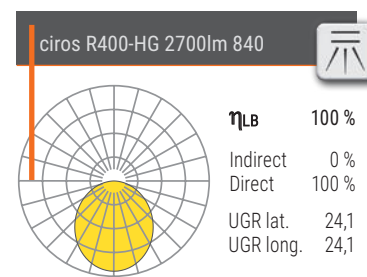
Type	D	H	T	A1	A2
ciros R400	365	69	100	100	100
ciros R600	600	69	100	100	100
ciros R900	880	69	100	100	100



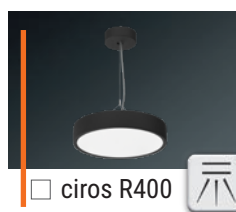
ciros-TRE



Top view canopy



ciros-TRE Triangle-suspension must be ordered separately.



not available  
for diameter 1200



ciros R-HG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R400-HG	LED 2700lm 840	23	ED	568 4144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HG	LED 2700lm 840	23	DALI	568 4146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R600-HIG	LED 8200lm 840	66	ED	567 6144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIG	LED 8200lm 840	66	DALI	567 6146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIG	LED 18200lm 840	128	ED	567 9144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIG	LED 18200lm 840	128	DALI	567 9146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2



Accessories	Type	Details	Diameter	Item-Number	Colour	Colour	Colour		kg
Triangle-suspension	ciros-TRE 5 pol.	Triangle suspension incl. ceiling canopy, connection cord 5 pol. and safty wire (except for ciros/400)	for ciros R400	567 4357 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,6
			for ciros R600	567 6357 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,7
			for ciros R900	567 9357 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,7



ciros R900-HIG + ciros-RPE

## ciros R-HG/ciros R-HIG



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HG (ciros R400)

Direct distribution.

Homogenous illumination by satinised special acrylic pane with high transmission. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIG (ciros R600/900)

Direct/indirect distribution.

Homogenous illumination by satinised special acrylic pane with high transmission. Indirect ratio by separate LED's with satinised special acrylic pane. Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h. Light colour: 4000K. Optional: 3000K.

Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-RPE)

Rod suspension for ciros/400, ciros/600 and ciros/900. Length 300-1500mm, rod can be shortened on site. Oscilating rod support in canopy, max. deflection 45°. Ceiling canopy 130mm x 45mm made of aluminium, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). For horizontal ceilings. Safety wire rod integrated (except for ciros/400). Suspension must be ordered separately.



white aluminium



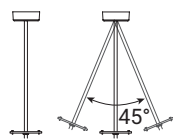
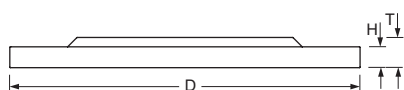
traffic white



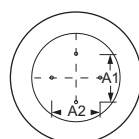
deep black



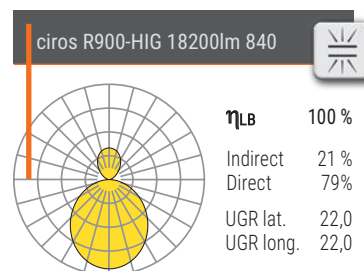
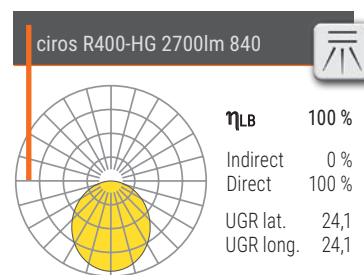
Type	D	H	T	A1	A2
ciros R400	365	69	100	100	100
ciros R600	600	69	100	100	100
ciros R900	880	69	100	100	100



ciros-RPE



Top view canopy



ciros-RPE Rod suspension must be ordered separately.



not available  
for diameter 1200



ciros R-HG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R400-HG	LED 2700lm 840	23	ED	568 4144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HG	LED 2700lm 840	23	DALI	568 4146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIG

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R600-HIG	LED 8200lm 840	66	ED	567 6144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIG	LED 8200lm 840	66	DALI	567 6146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIG	LED 18200lm 840	128	ED	567 9144 18...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIG	LED 18200lm 840	128	DALI	567 9146 68...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2



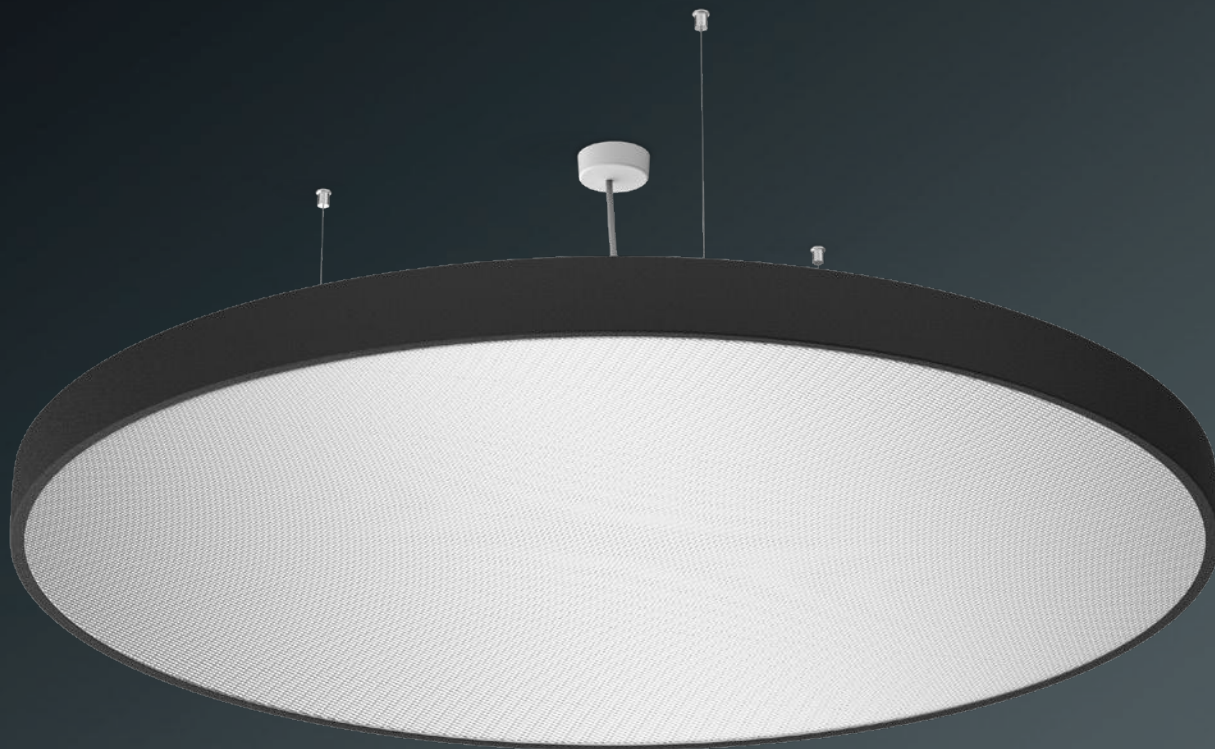
Accessories	Type	Details	Diameter	Item-Number	Colour	Colour	Colour		kg
Rod suspension	ciros-RPE 5 pol.	Rod suspension incl. ceiling canopy, connecting cord 5 pol. and safety wire (except for ciros/400)	for ciros/400	567 4957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	1,5
			for ciros/600	567 6957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	1,6
			for ciros/900	567 9957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	2,2











ciros R1200-HIMP + ciros-SAE

## ciros R-HMP/ciros R-HIMP



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HMP (ciros R400)

Direct distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIMP (ciros R600/900/1200)

Direct/indirect distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Indirect ratio by separate LED's with satinised special acrylic pane. Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-SAE)

Three point suspension, free height adjustment between 200 and 2000mm for ciros/400, ciros/600, ciros/900 and ciros/1200. Translucent connection cord,  $5 \times 0,75 \text{ mm}^2$ , 2000mm. Ceiling canopy plastic, white. Suspension must be ordered separately.



white aluminium

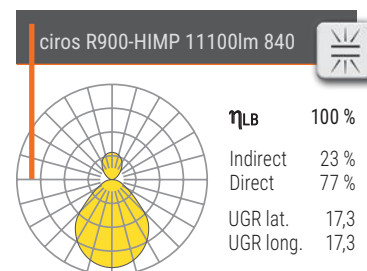
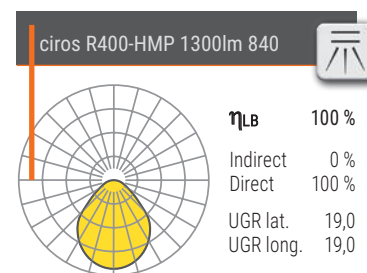
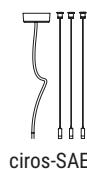
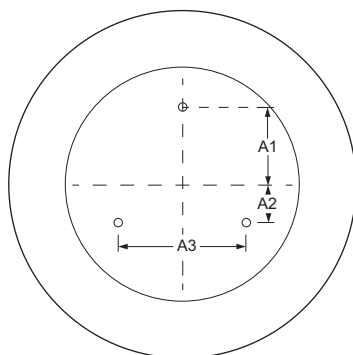
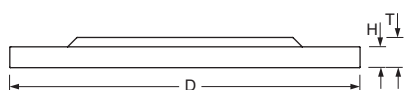


traffic white



deep black

Type	D	H	T	A1	A2	A3
ciros R400	365	69	100	80	40	139
ciros R600	600	69	100	145	72,5	251
ciros R900	880	69	100	220	110	381
ciros R1200	1160	69	100	310	155	537



ciros-SAE Three-point-suspension must be ordered separately.



ciros R-HMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		
ciros R400-HMP	LED 1300lm 840	9	ED	568 4044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HMP	LED 1300lm 840	9	DALI	568 4046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		
ciros R600-HIMP	LED 4900lm 840	37	ED	567 6044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIMP	LED 4900lm 840	37	DALI	567 6046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIMP	LED 11100lm 840	79	ED	567 9044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIMP	LED 11100lm 840	79	DALI	567 9046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R1200-HIMP	LED 18600lm 840	131	ED	567 1044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	27,9
ciros R1200-HIMP	LED 18600lm 840	131	DALI	567 1046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	27,9



☐ ciros-SAE

Accessories	Type	Details	Item-Number	Colour	
Three point suspension	ciros-SAE 5 pol.	Three point suspension incl. ceiling canopy and connection cord 5 pol.	567 0057 100	<input type="checkbox"/>	1,18



ciros R900-HIMP+ ciros-TRE

## ciros R-HMP/ciros R-HIMP



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HMP (ciros R400)

Direct distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Rated life time = L80 B10 50.000h. Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIMP (ciros R600/900/1200)

Direct/indirect distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Indirect ratio by separate LED's with satinised special acrylic pane. Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-TRE)

Triangle suspension, free height adjustment between 300 and 2000mm for ciros/400, ciros/600, ciros/900. Ceiling canopy 130mm x 45mm made of aluminium, texture painted white-aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005).

Secondary safety wire (except for ciros/400). Translucent connection cord, incl.  $5 \times 0,75 \text{ mm}^2$ , 2000mm. Suspension must be ordered separately.



white aluminium



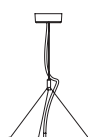
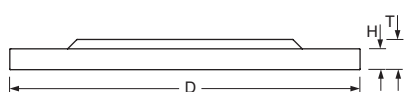
traffic white



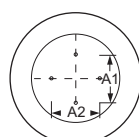
deep black



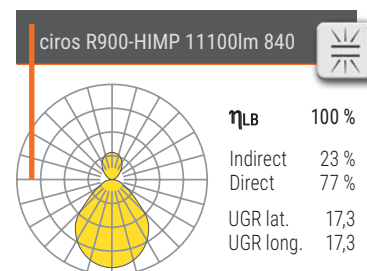
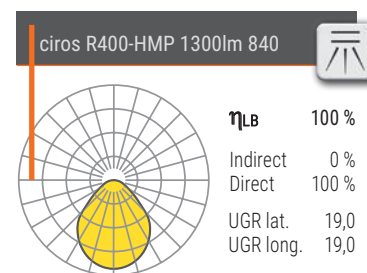
Type	D	H	T	A1	A2
ciros R400	365	69	100	100	100
ciros R600	600	69	100	100	100
ciros R900	880	69	100	100	100



ciros-TRE



Top view canopy



ciros-TRE Triangle-suspension must be ordered separately.



not available  
for diameter 1200



ciros R-HMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R400-HMP	LED 1300lm 840	9	ED	568 4044 15...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HMP	LED 1300lm 840	9	DALI	568 4046 65...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
ciros R600-HIMP	LED 4900lm 840	37	ED	567 6044 15...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIMP	LED 4900lm 840	37	DALI	567 6046 65...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIMP	LED 11100lm 840	79	ED	567 9044 15...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIMP	LED 11100lm 840	79	DALI	567 9046 65...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2



Accessories	Type	Details	Diameter	Item-Number	Colour	Colour	Colour		kg
Triangle-suspension	ciros-TRE 5 pol.	Triangle suspension incl.	for ciros R400	567 4357 10...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,6
		ceiling canopy, connection cord 5 pol.	for ciros R600	567 6357 10...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,7
		and safty wire (except for ciros R400)	for ciros R900	567 9357 10...	<input checked="" type="checkbox"/> ...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	0,7



ciros R900-HIMP + ciros-RPE

## ciros R-HMP/ciros R-HIMP



### Housing

Round aluminium profile, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.



#### Lighting technology -HMP (ciros R400)

Direct distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Rated life time = L80 B10 50.000h. Light colour: 4000K. Optional: 3000K.



#### Lighting technology -HIMP (ciros R600/900/1200)

Direct/indirect distribution.

Light distribution via microprismatic panel with conical glare elimination in multilayer technology. For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1. Indirect ratio by separate LED's with satinised special acrylic pane. Variant ET separately switchable, DALI separately dimmable.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Tunable white on request.



#### DALI luminaires with integrated casambi module on request

Operation via free app and other system components P. 484-487.

### Suspension (ciros-RPE)

Rod suspension for ciros/400, ciros/600 and ciros/900. Length 300-1500mm, rod can be shortened on site. Oscillating rod support in canopy, max. deflection  $45^\circ$ . Ceiling canopy 130mm x 45mm made of aluminium, texture painted white aluminium (similar to RAL 9006), traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). For horizontal ceilings. Safety wire rod integrated (except for ciros/400). Suspension must be ordered separately.



white aluminium

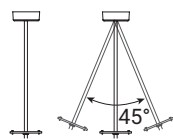
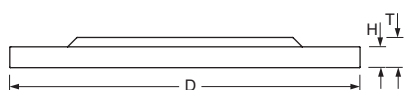


traffic white

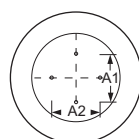


deep black

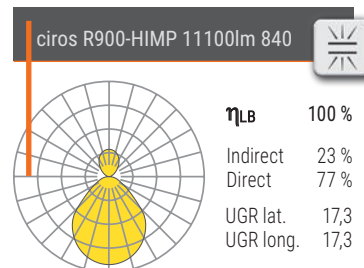
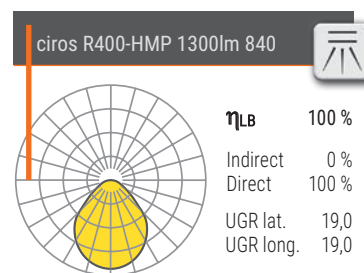
Type	D	H	T	A1	A2
ciros R400	365	69	100	100	100
ciros R600	600	69	100	100	100
ciros R900	880	69	100	100	100



ciros-RPE



Top view canopy



ciros-RPE Rod suspension must be ordered separately.



not available  
for diameter 1200



ciros R-HMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		
ciros R400-HMP	LED 1300lm 840	9	ED	568 4044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3
ciros R400-HMP	LED 1300lm 840	9	DALI	568 4046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	3,3



ciros R-HIMP

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		
ciros R600-HIMP	LED 4900lm 840	37	ED	567 6044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R600-HIMP	LED 4900lm 840	37	DALI	567 6046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	8,2
ciros R900-HIMP	LED 11100lm 840	79	ED	567 9044 15...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2
ciros R900-HIMP	LED 11100lm 840	79	DALI	567 9046 65...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	15,2



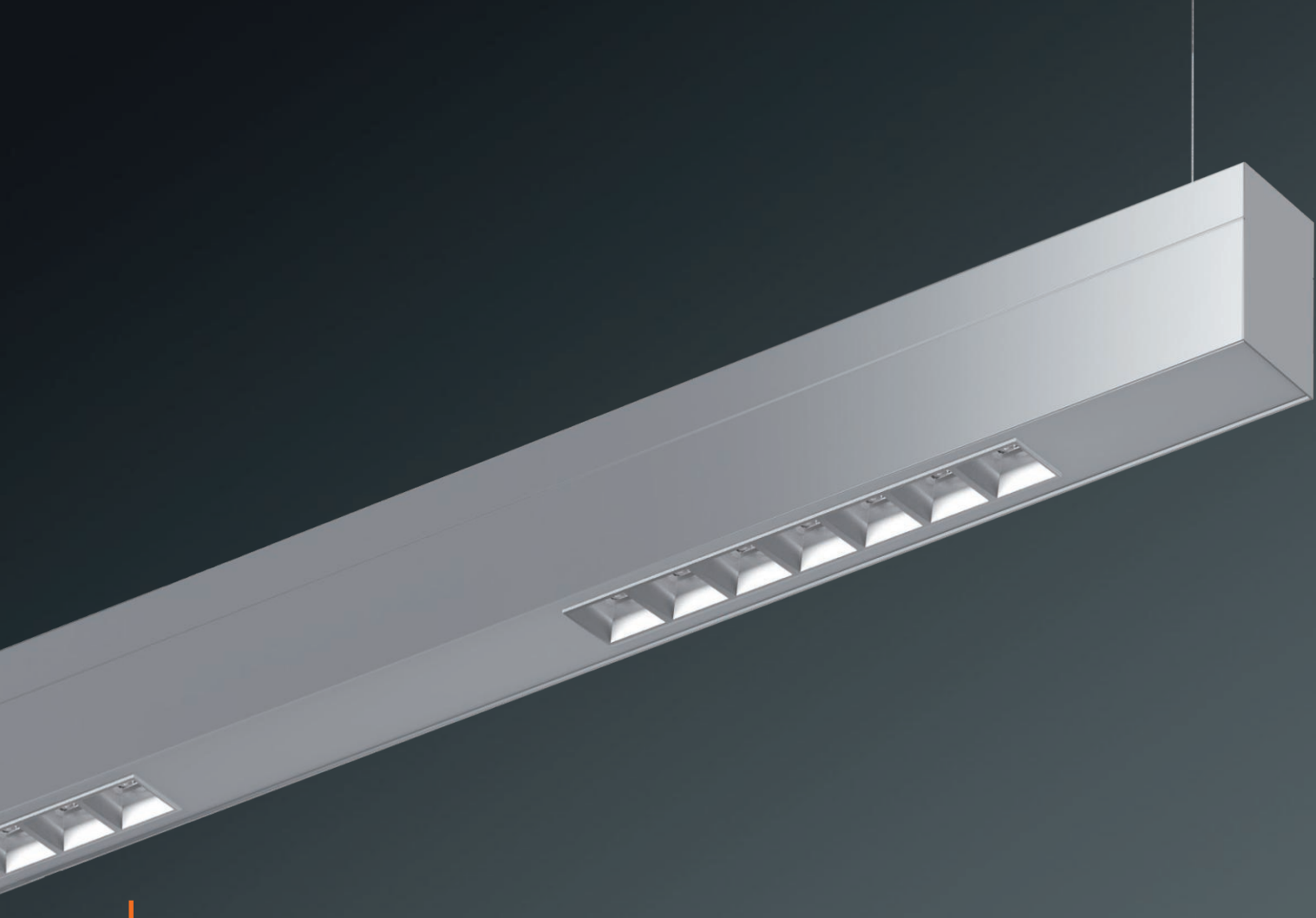
Accessories	Type	Details	Diameter	Item-Number	Colour	Colour	Colour		
Rod suspension	ciros-RPE 5 pol.	Rod suspension incl. ceiling canopy, connecting cord 5 pol. and safty wire (except for ciros R400)	for ciros R400	567 4957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	1,5
			for ciros R600	567 6957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	1,6
			for ciros R900	567 9957 10...	...6	<input type="checkbox"/> ...0	<input checked="" type="checkbox"/> ...4	on request	2,2











## serio-HIOS



### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology -HIOS

Direct/indirect distribution, DALI variant separately dimmable.

Direct distribution via integrated micro-cell grid.

Indirect distribution via white-opal, satin-finished acrylic diffuser.

For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 16$  according to

DIN EN 12464-1. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Single wire suspension with quick-adjust coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



■ white aluminium



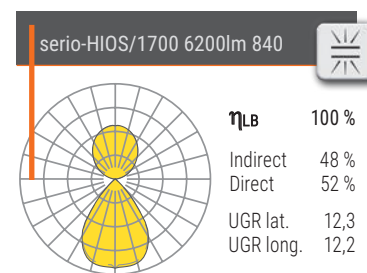
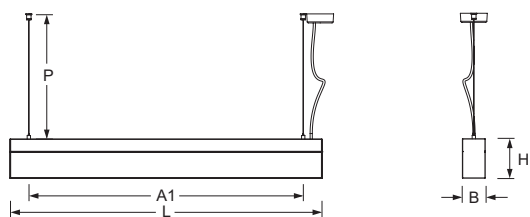
□ traffic white



■ deep black



Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
serio-HIOS/1100	1127	61	106	1025	150	2000
serio-HIOS/1700	1687	61	106	1585	150	2000
serio-HIOS/2200	2247	61	106	2145	150	2000
serio-HIOS/2800	2807	61	106	2705	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour	kg
serio-HIOS/1100	LED 4200lm 840	32	ED	547 4144 10...	■ ...0	□ ...1	■ ...4	4,8
	LED 4200lm 840	32	DALI	547 4146 60...	■ ...0	□ ...1	■ ...4	4,8
serio-HIOS/1700	LED 6200lm 840	47	ED	547 6144 10...	■ ...0	□ ...1	■ ...4	6,6
	LED 6200lm 840	47	DALI	547 6146 60...	■ ...0	□ ...1	■ ...4	6,6
serio-HIOS/2200	LED 8400lm 840	63	ED	547 8144 10...	■ ...0	□ ...1	■ ...4	8,4
	LED 8400lm 840	63	DALI	547 8146 60...	■ ...0	□ ...1	■ ...4	8,4
serio-HIOS/2800	LED 10500lm 840	79	ED	547 0144 10...	■ ...0	□ ...1	■ ...4	10,3
	LED 10500lm 840	79	DALI	547 0146 60...	■ ...0	□ ...1	■ ...4	10,3

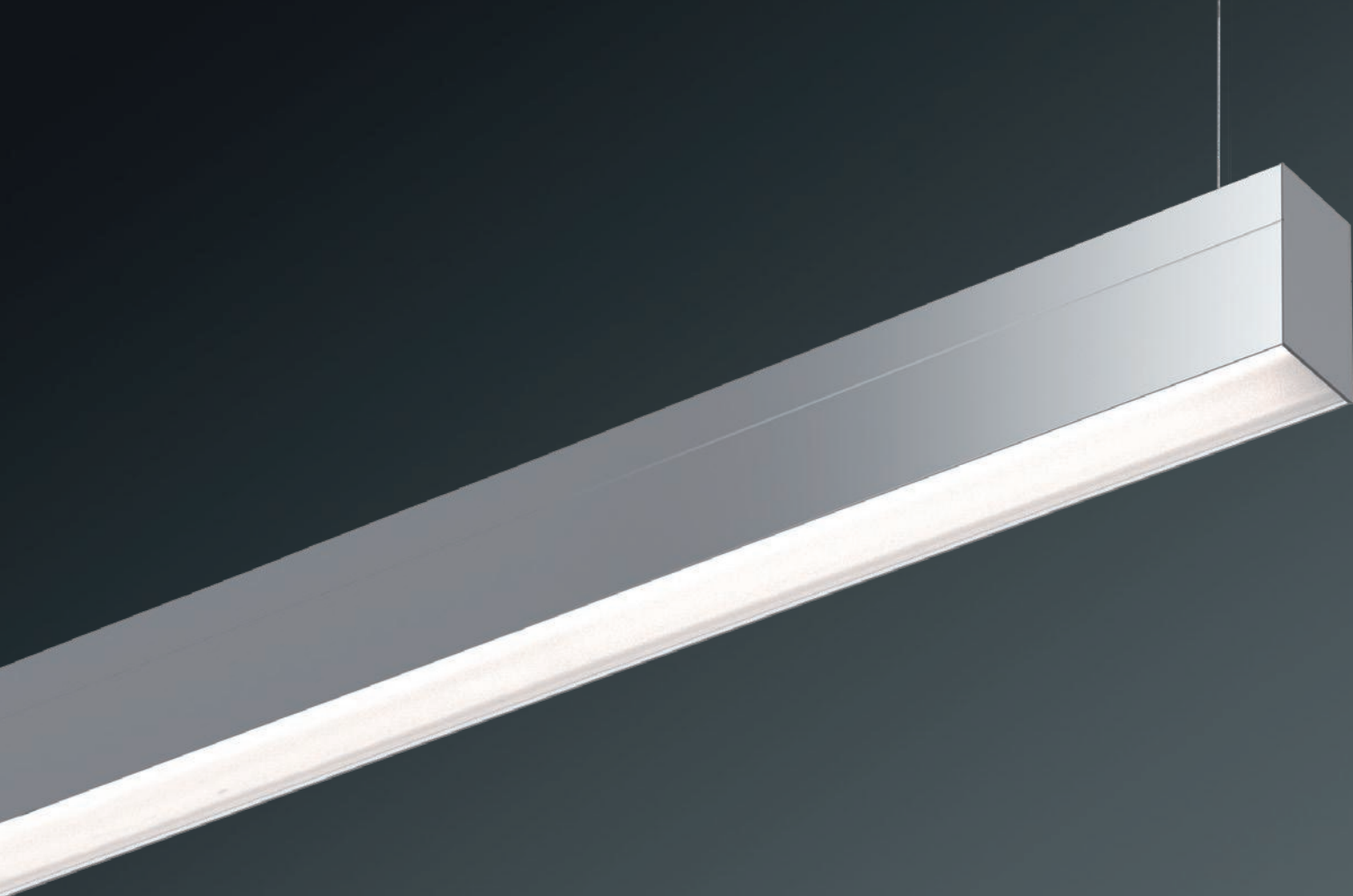












## serio-HIG



### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology -HIG

Direct/indirect distribution, DALI variant separately dimmable.  
Direct- and indirect distribution via white-opal, satin-finished acrylic diffuser.  
Rated life time = L80 B10 50.000h.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.



#### DALI DT8

Luminaire in tunable white technology for Human Centric Lighting.  
927/warm white (2700K) - 965/daylight white (6500K) continuously adjustable. Suitable controls for tunable white technology on request.  
Rated life time = L80 B10 50.000h.



#### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P. 484-487.

### Suspension

Single wire suspension with quick-adjust coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



■ white aluminium

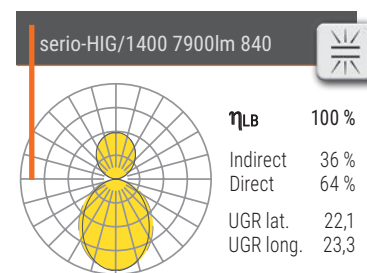
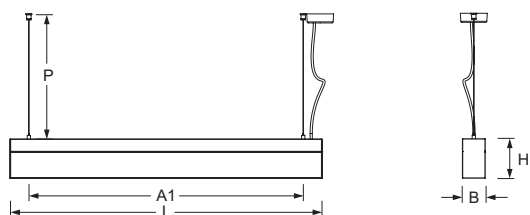


□ traffic white



■ deep black

Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
serio-HIG/1100	1127	61	106	1025	150	2000
serio-HIG/1700	1687	61	106	1585	150	2000
serio-HIG/2200	2247	61	106	2145	150	2000
serio-HIG/2800	2807	61	106	2705	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



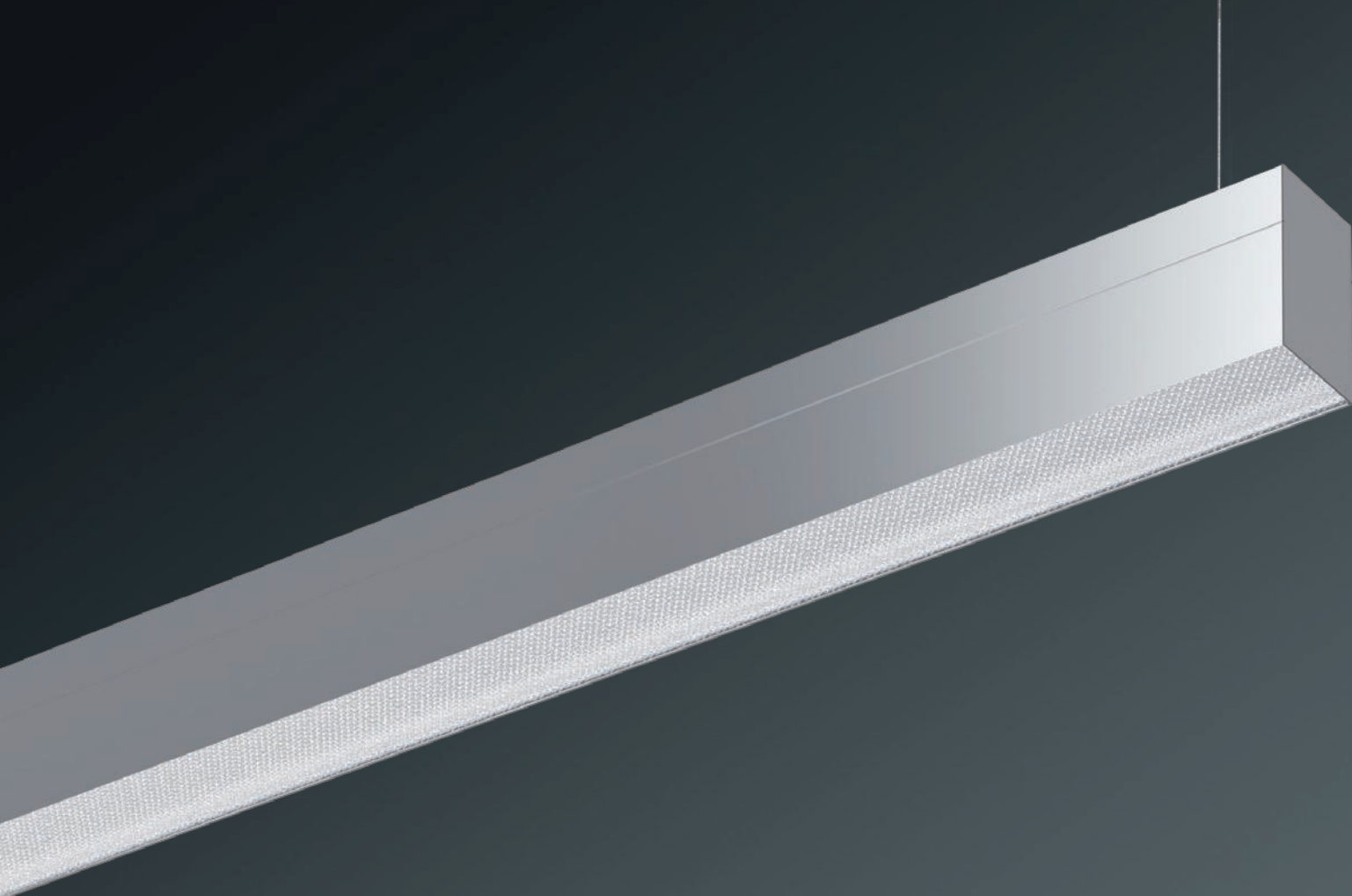
Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour	kg
serio-HIG/1100	LED 6200lm 840	55	ED	543 4144 18...	■ ...0	□ ...1	■ ...4	4,3
	LED 6200lm 840	55	DALI	543 4146 68...	■ ...0	□ ...1	■ ...4	4,7
	LED 6100lm 927-965	70	DALI DT8	543 4126 98...	■ ...0	□ ...1	■ ...4	4,7
serio-HIG/1400	LED 7900lm 840	70	ED	543 5144 18...	■ ...0	□ ...1	■ ...4	5,2
	LED 7900lm 840	70	DALI	543 5146 68...	■ ...0	□ ...1	■ ...4	5,2
	LED 7600lm 927-965	88	DALI DT8	543 5126 98...	■ ...0	□ ...1	■ ...4	5,2
serio-HIG/2200	LED 12500lm 840	110	ED	543 8144 18...	■ ...0	□ ...1	■ ...4	8,4
	LED 12500lm 840	110	DALI	543 8146 68...	■ ...0	□ ...1	■ ...4	8,8
	LED 12100lm 927-965	140	DALI DT8	543 8126 98...	■ ...0	□ ...1	■ ...4	8,8
serio-HIG/2800	LED 15800lm 840	139	ED	543 0144 18...	■ ...0	□ ...1	■ ...4	10,2
	LED 15800lm 840	139	DALI	543 0146 68...	■ ...0	□ ...1	■ ...4	10,2
	LED 15300lm 927-965	177	DALI DT8	543 0126 98...	■ ...0	□ ...1	■ ...4	10,2











## serio-HIMP



### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology -HIMP

Direct/indirect distribution, DALI variant separately dimmable.  
 Direct distribution via microprismatic panel with conical glare elimination.  
 Indirect distribution via white-opal, satin-finished acrylic diffuser.  
 For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 16$  according to DIN EN 12464-1. Rated life time = L80 B10 50.000h.  
 Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

Single wire suspension with quick-adjust coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



■ white aluminium

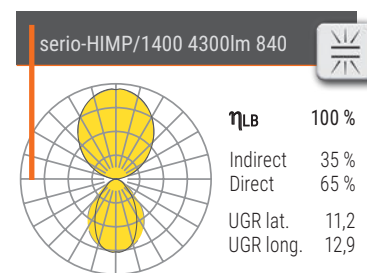
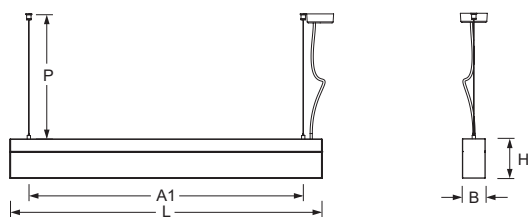


□ traffic white



■ deep black

Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
serio-HIMP/1100	1127	61	106	1025	150	2000
serio-HIMP/1700	1687	61	106	1585	150	2000
serio-HIMP/2200	2247	61	106	2145	150	2000
serio-HIMP/2800	2807	61	106	2705	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour	kg
serio-HIMP/1100	LED 3400lm 840	29	ED	543 4144 15...	■ ...0	□ ...1	■ ...4	4,6
	LED 3400lm 840	29	DALI	543 4146 65...	■ ...0	□ ...1	■ ...4	4,6
serio-HIMP/1400	LED 4300lm 840	37	ED	543 5144 15...	■ ...0	□ ...1	■ ...4	5,3
	LED 4300lm 840	37	DALI	543 5146 65...	■ ...0	□ ...1	■ ...4	5,3
serio-HIMP/2200	LED 6800lm 840	59	ED	543 8144 15...	■ ...0	□ ...1	■ ...4	9
	LED 6800lm 840	59	DALI	543 8146 65...	■ ...0	□ ...1	■ ...4	9
serio-HIMP/2800	LED 8600lm 840	74	ED	543 0144 15...	■ ...0	□ ...1	■ ...4	10,7
	LED 8600lm 840	74	DALI	543 0146 65...	■ ...0	□ ...1	■ ...4	10,7













## serio Q-HIG



### Housing

Aluminium profile in square design, natural anodised, completely assembled.  
Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.

### Lighting technology -HIG

Direct/indirect distribution, DALI variant separately dimmable.  
Direct- and indirect distribution via white-opal, satin-finished acrylic diffusor.  
Rated life time = L80 B10 50.000h.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module  
and further system components to be ordered separately P.484-487.

### Suspension

Four wire suspensions with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



■ white aluminium



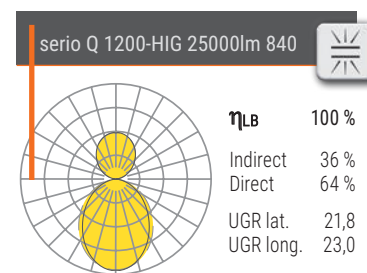
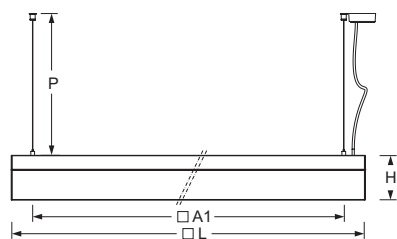
□ traffic white



■ deep black



Type	□ L	H	A1	P <sub>min</sub>	P <sub>max</sub>
serio-HIG/1100	1220	106	1160	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

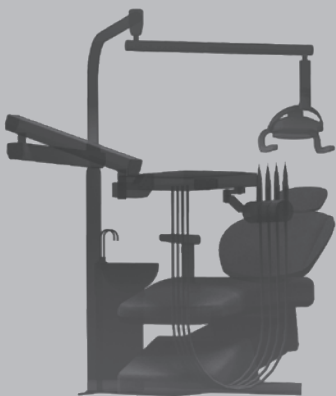
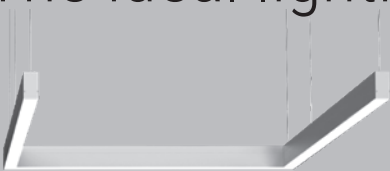


Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		
serio Q 1200-HIG	LED 25000lm 840	221	ED	544 4144 18...	■ ...0	□ ...1	■ ...4	on request	19
	LED 25000lm 840	221	DALI	544 4146 68...	■ ...0	□ ...1	■ ...4	on request	19,5



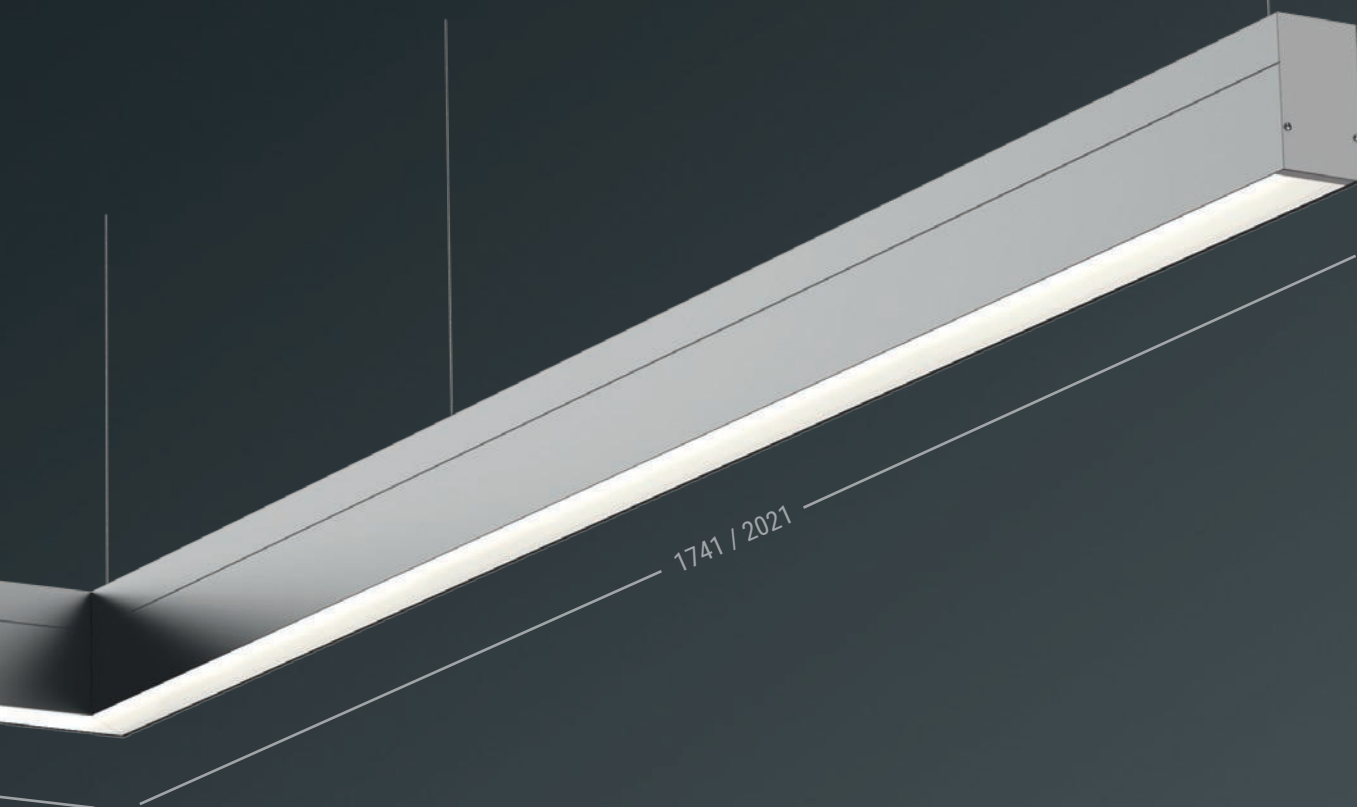


## The ideal lighting for your dental treatment rooms



- Standard-compliant lighting for the patient area.
- Very good colour ratio 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.

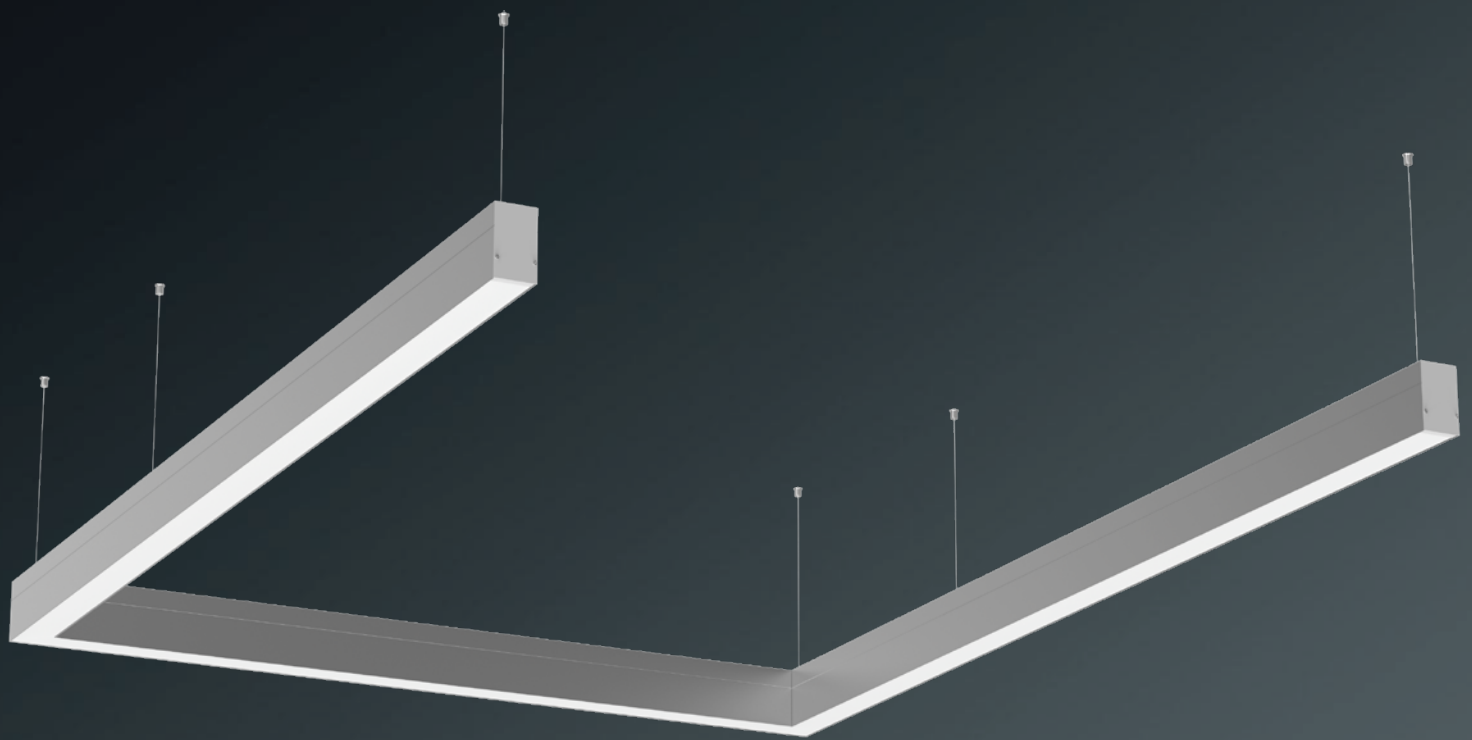
# serio-DENT



1741 / 2021







## serio-DENT



### Housing

Aluminium profile in square design, natural anodised, completely assembled.  
Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other RAL-colours according to RAL-colour palette P. 496.

### Lighting technology

Direct/indirect distribution, DALI Variant separately dimmable.  
Direct- and indirect distribution via white-opal, satin-finished acrylic diffuser.  
Rated life time = L80 B10 50.000h.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.



#### DALI DT8

Luminaire in tunable white technology for Human Centric Lighting.  
927/warm white (2700K) - 965/daylight white (6500K) continuously adjustable. Suitable controls for tunable white technology on request.  
Rated life time = L80 B10 50.000h.



#### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module  
and further system components to be ordered separately P.484-487.

### Suspension

Single wire suspension with quick-adjust coupling, free height adjustment  
between 150 and 2000mm.

### Miscellaneous

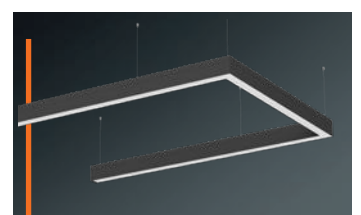
Translucent connection cable pre-mounted.



■ white aluminium

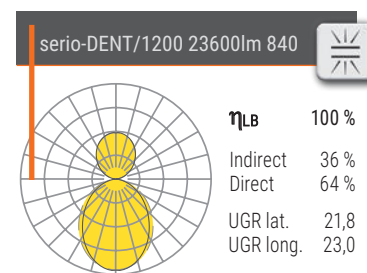
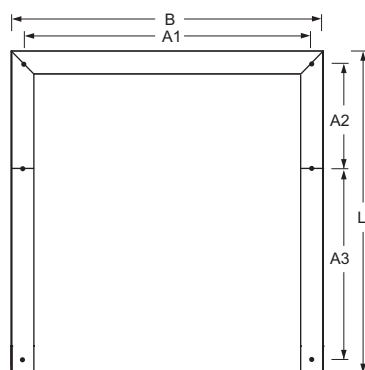
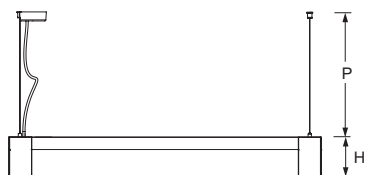


□ traffic white



■ deep black

Type	L	B	H	A1	A2	A3	P <sub>min</sub>	P <sub>max</sub>
serio-DENT/1200	1741	1220	106	1160	585	1125	150	2000
serio-DENT/1500	2021	1500	106	1440	585	1405	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

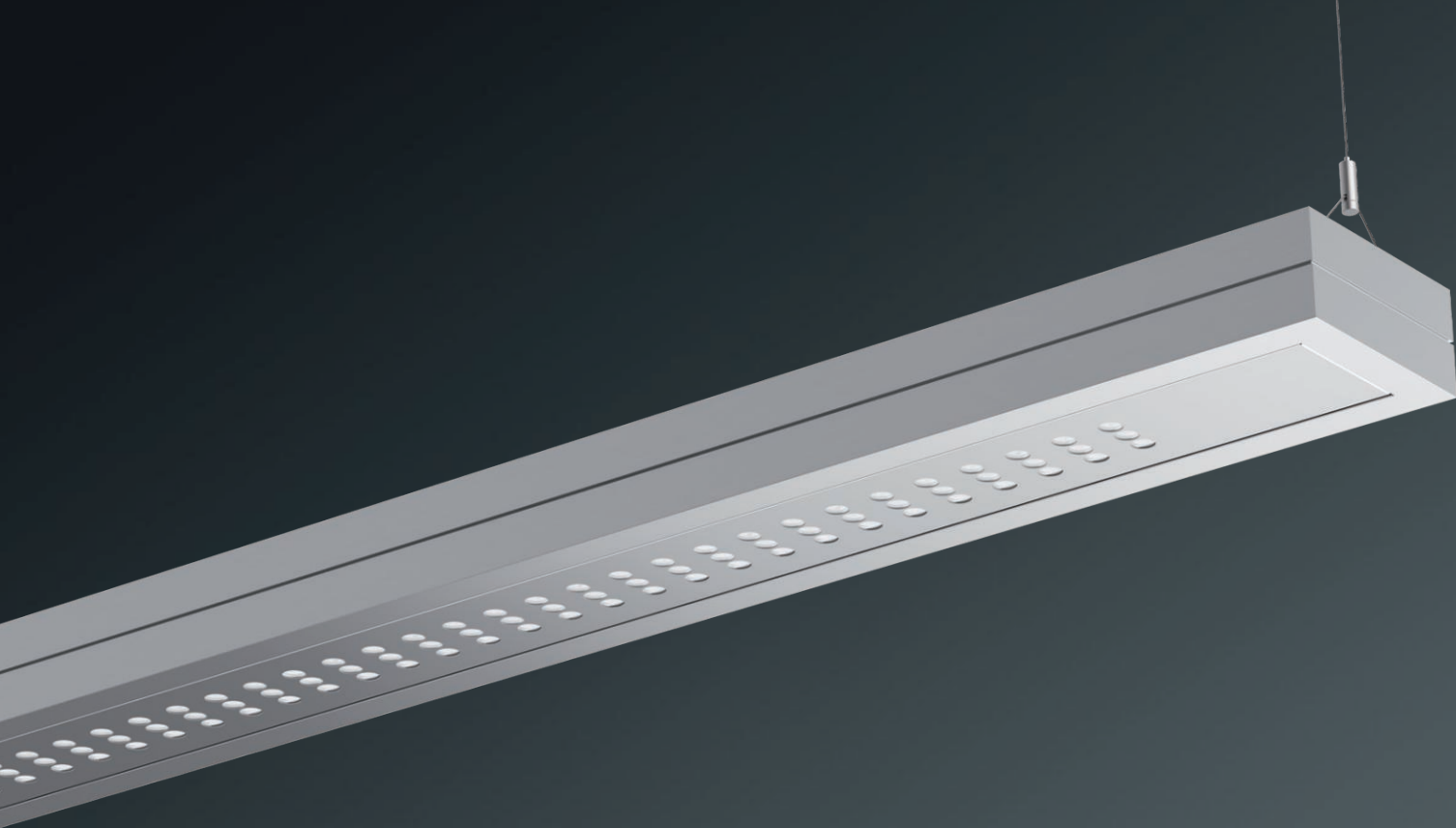


Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	Colour	Colour		kg
serio-DENT/1200	LED 23600lm 940	221	DALI	548 4176 68...	...0	...1	...4	on request	19,1
	LED 24200lm 927-965	280	DALI DT8	548 4126 98...	...0	...1	...4	on request	19,1
serio-DENT/1500	LED 28400lm 940	264	DALI	548 5176 68...	...0	...1	...4	on request	22,2
	LED 28900lm 927-965	335	DALI DT8	548 5126 98...	...0	...1	...4	on request	22,2









## linear-HOTBI



### Housing

Aluminium profile with rectangular design, face ends with mitred cut, natural anodised.

### Lighting technology -HOTBI

Direct/indirect distribution.

Direct distribution via LED single lens optics, indirect distribution via clear pane.

For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 16$  according to DIN EN 12464-1.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

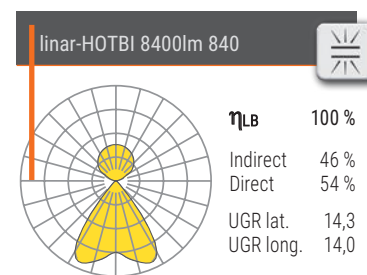
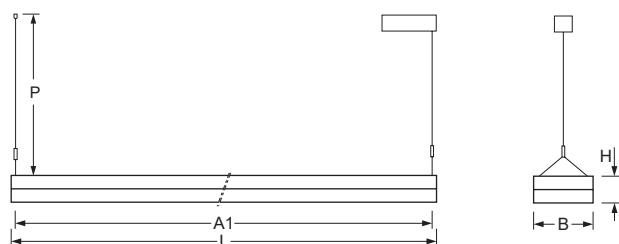
### Suspension

Y-wire suspension with or without electrical connection, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.

Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
linar-HOTBI	1526	140	63	1492	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
linar-HOTBI	LED 8400lm 840	66	ED	519 2034 200	■	7,5
	LED 8400lm 840	66	DALI	519 2036 200	■	7,5











## micado Q-HI



### Housing

Aluminium profile, natural anodised, with surrounding shadow joint, completely assembled.

### Lighting technology Q-HI

Direct/indirect distribution.

Unique light play thanks to unordered structuring of LED lines.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Tast dim

Can be dimmed using commercially available push buttons, 230V.

### Suspension

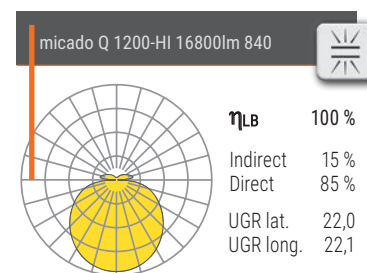
Four wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



Type	□ L	H	A1	P <sub>min</sub>	P <sub>max</sub>
micado Q-HI	1200	71	1166	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
micado Q 1200-HI	LED 16800lm 840	103	ED	402 0044 105	■	9,4
	LED 16800lm 840	103	DALI	402 0046 605	■	9,4
	LED 16800lm 840	103	Tast dim	402 0046 505	■	9,4















## epic R-HF



### Housing

Round aluminium profile, natural anodised.  
Surrounding shadow joint between housing and flat inserted film frame.  
Minimal dirt ingress via sealing lip between frame and housing.

### Lighting technology -HF

Direct distribution.  
Aluminium profile set flush in the housing with translucent film for a homogenous illumination appearance.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module  
and further system components to be ordered separately P.484-487.

### Suspension R

Three wire suspension for epic 950 and 1280 with rapid coupling, free height adjustment between 150 and 2000 mm. Four wire suspension for epic 1560.

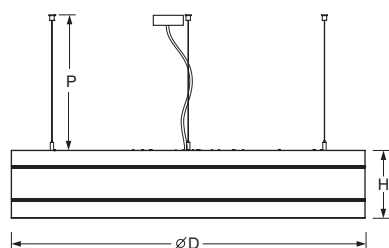
### Miscellaneous

Translucent connection cable pre-mounted.

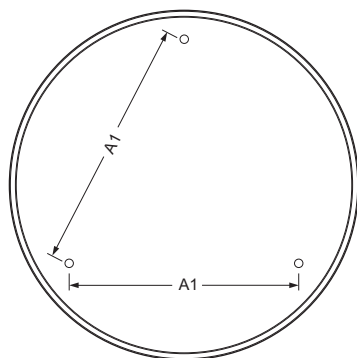
### Accessories

Extraction tool for releasing film frame must be ordered separately.

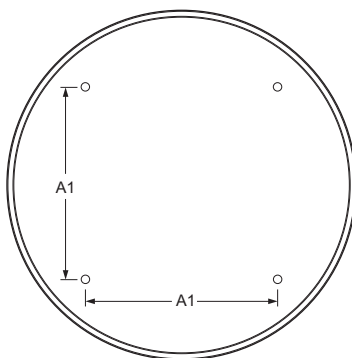
Type	D	H	A1	P <sub>min</sub>	P <sub>max</sub>
epic R 950	954	178	757	150	2000
epic R 1280	1284	184	1043	150	2000
epic R 1560	1564	184	1060	150	2000



epic R 950/epic R 1280



epic R 1560



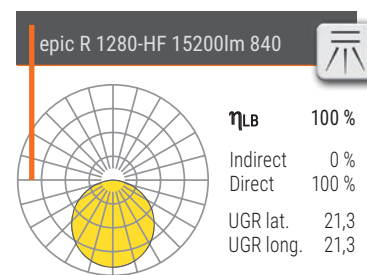
■ epic R 950



■ epic R 1280



■ epic R 1560



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
epic R 950-173-HF	LED 7800lm 840	111	ED	629 0954 154	■	20
	LED 7800lm 840	111	DALI	629 0956 154	■	20
epic R 1280-173-HF	LED 15200lm 840	218	ED	629 1284 154	■	34,9
	LED 15200lm 840	218	DALI	629 1286 154	■	34,9
epic R 1560-173-HF	LED 22000lm 840	314	ED	629 1564 154	■	46,5
	LED 22000lm 840	314	DALI	629 1566 154	■	46,5

Accessories	Type	Details	Item-Number	kg
Film frame extractor tool (Set)	epic R	Film frame extractor for epic R	630 0000 110	0,1

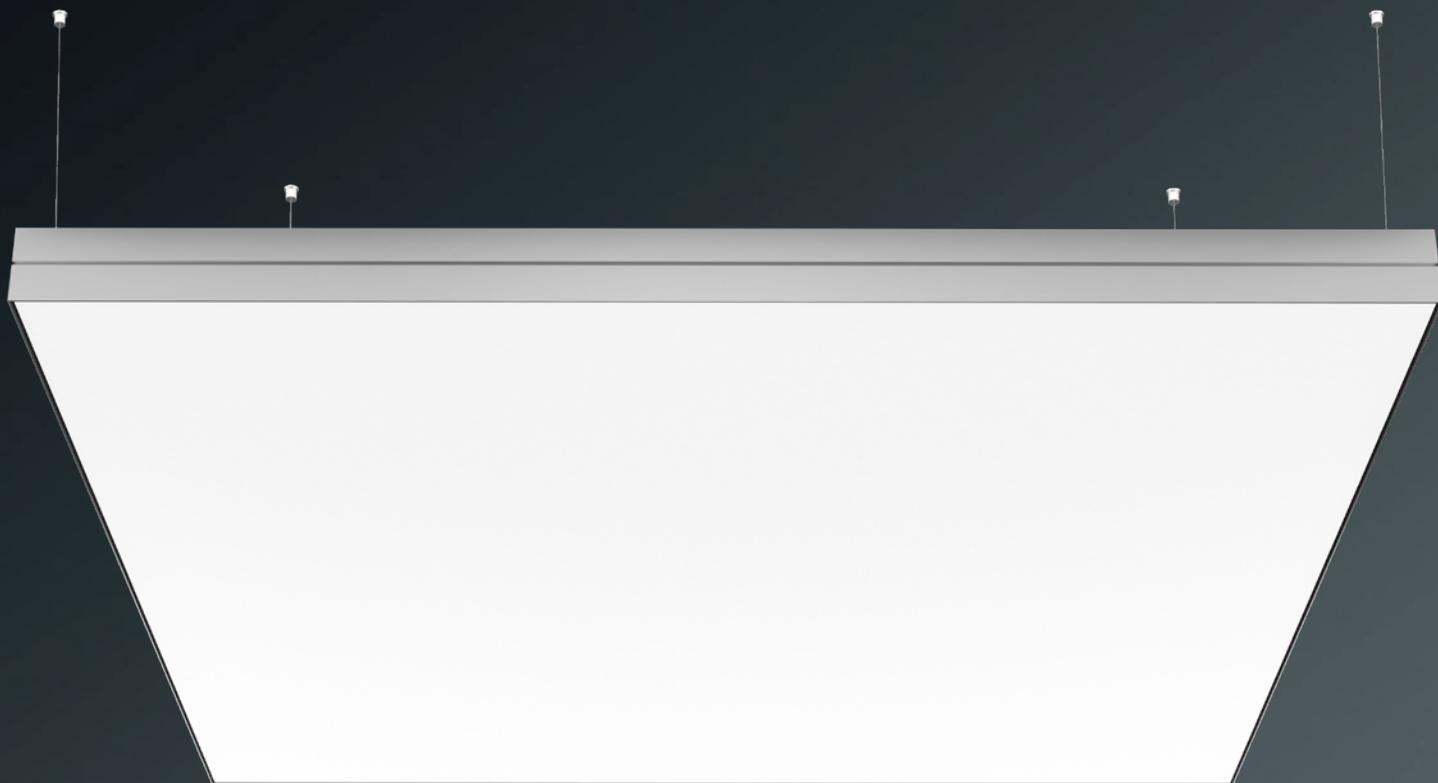












## epic Q-HF



### Housing

Aluminium profile, natural anodised. Surrounding shadow joint between housing and flat inserted film frame. Minimal dirt ingress via sealing lip between frame and housing.

### Lighting technology -HF

Direct distribution.

Aluminium profile set flush in the housing with translucent film for a homogenous illumination appearance.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension Q

Four wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

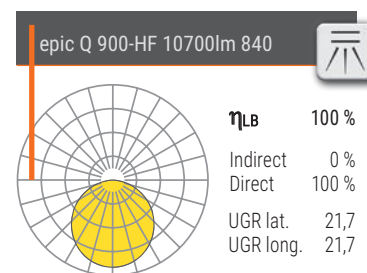
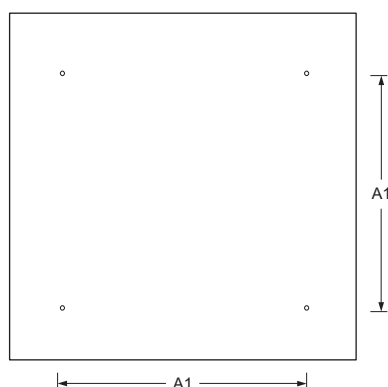
### Miscellaneous

Translucent connection cable pre-mounted.

### Accessories

Extraction tool for releasing film frame must be ordered separately.

Type	□ L	H	A1	P <sub>min</sub>	P <sub>max</sub>
epic Q 600	604	96	550	150	2000
epic Q 900	904	96	850	150	2000
epic Q 1200	1212	103	1150	150	2000
epic Q 1500	1504	103	1450	150	2000



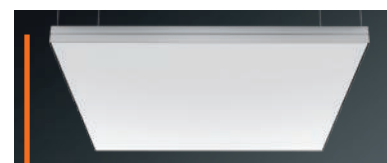
■ epic Q 600



■ epic Q 900



■ epic Q 1200



■ epic Q 1500

Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
epic Q 600-88-HF	LED 4800lm 840	47	ED	628 0604 164	■	10,7
	LED 4800lm 840	47	DALI	628 0606 164	■	10,7
epic Q 900-88-HF	LED 10700lm 840	105	ED	628 0904 164	■	18,5
	LED 10700lm 840	105	DALI	628 0906 164	■	18,5
epic Q 1200-88-HF	LED 18400lm 840	187	ED	628 1204 164	■	34
	LED 18400lm 840	187	DALI	628 1206 164	■	34
epic Q 1500-88-HF	LED 28800lm 840	292	ED	628 1504 164	■	42,5
	LED 28800lm 840	292	DALI	628 1506 164	■	42,5

Accessories	Type	Details	Item-Number	kg
Film frame extractor tool (Set)	epic Q	Film frame extractor for epic Q	630 0000 110	0,1













## fino-HMP



### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Also available painted traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology -HMP

Direct distribution.

Transparent polycarbonate extruded profile with inserted micro-prismatic diffuser and white reflectors.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

Y-wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.

### Accessories

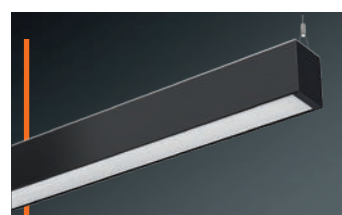
Suction pad SH 55 for removing the diffuser must be ordered separately.



■ white aluminium



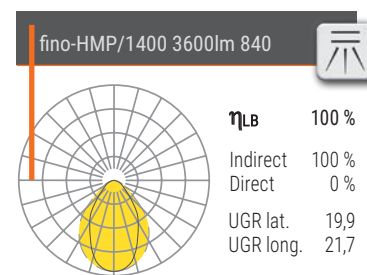
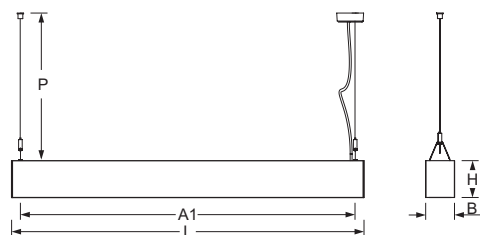
□ traffic white



■ deep black



Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
fino-HMP/1100	1143	72	92	1099	150	2000
fino-HMP/1400	1424	72	92	1380	150	2000
fino-HMP/2200	2272	72	92	2228	150	2000
fino-HMP/2800	2834	72	92	2790	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
fino-HMP/1100	LED 2900lm 840	24	ED	535 4144 150	■ □ ■	4,2
	LED 2900lm 840	24	DALI	535 4146 650	■ □ ■	4,2
fino-HMP/1400	LED 3600lm 840	29	ED	535 5144 150	■ □ ■	5,2
	LED 3600lm 840	29	DALI	535 5146 650	■ □ ■	5,2
fino-HMP/2200	LED 5800lm 840	47	ED	535 8144 150	■ □ ■	8,4
	LED 5800lm 840	47	DALI	535 8146 650	■ □ ■	8,4
fino-HMP/2800	LED 7200lm 840	59	ED	535 0144 150	■ □ ■	10,4
	LED 7200lm 840	59	DALI	535 0146 650	■ □ ■	10,4

Accessories	Type	Details	Item-Number	kg
Suction pad	SH 55	Suction pad for fino-HMP Diffusor	903 0055 100	0,1













## fino-HK



### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Also available painted traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology -HK

Direct distribution.

White-opal satin-finished polycarbonate extruded profile with white reflectors. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

Y-wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.

### Accessories

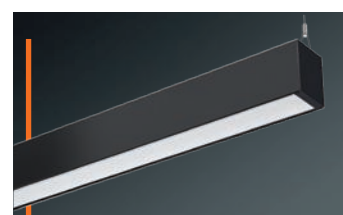
Suction pad SH 55 for removing the diffuser must be ordered separately.



■ white aluminium

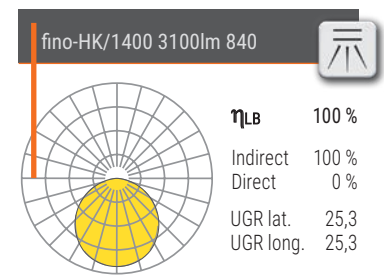
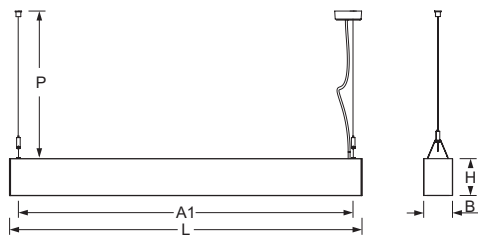


□ traffic white



■ deep black

Type	L	B	H	A1	P <sub>min</sub>	P <sub>max</sub>
fino-HK/1100	1143	72	92	1099	150	2000
fino-HK/1400	1424	72	92	1380	150	2000
fino-HK/2200	2272	72	92	2228	150	2000
fino-HK/2800	2834	72	92	2790	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
fino-HK/1100	LED 2500lm 840	24	ED	535 4144 180	■ ■ ■	4
	LED 2500lm 840	24	DALI	535 4146 680	■ ■ ■	4
fino-HK/1400	LED 3100lm 840	29	ED	535 5144 180	■ ■ ■	5
	LED 3100lm 840	29	DALI	535 5146 680	■ ■ ■	5
fino-HK/2200	LED 5000lm 840	47	ED	535 8144 180	■ ■ ■	8
	LED 5000lm 840	47	DALI	535 8146 680	■ ■ ■	8
fino-HK/2800	LED 6300lm 840	59	ED	535 0144 180	■ ■ ■	10
	LED 6300lm 840	59	DALI	535 0146 680	■ ■ ■	10

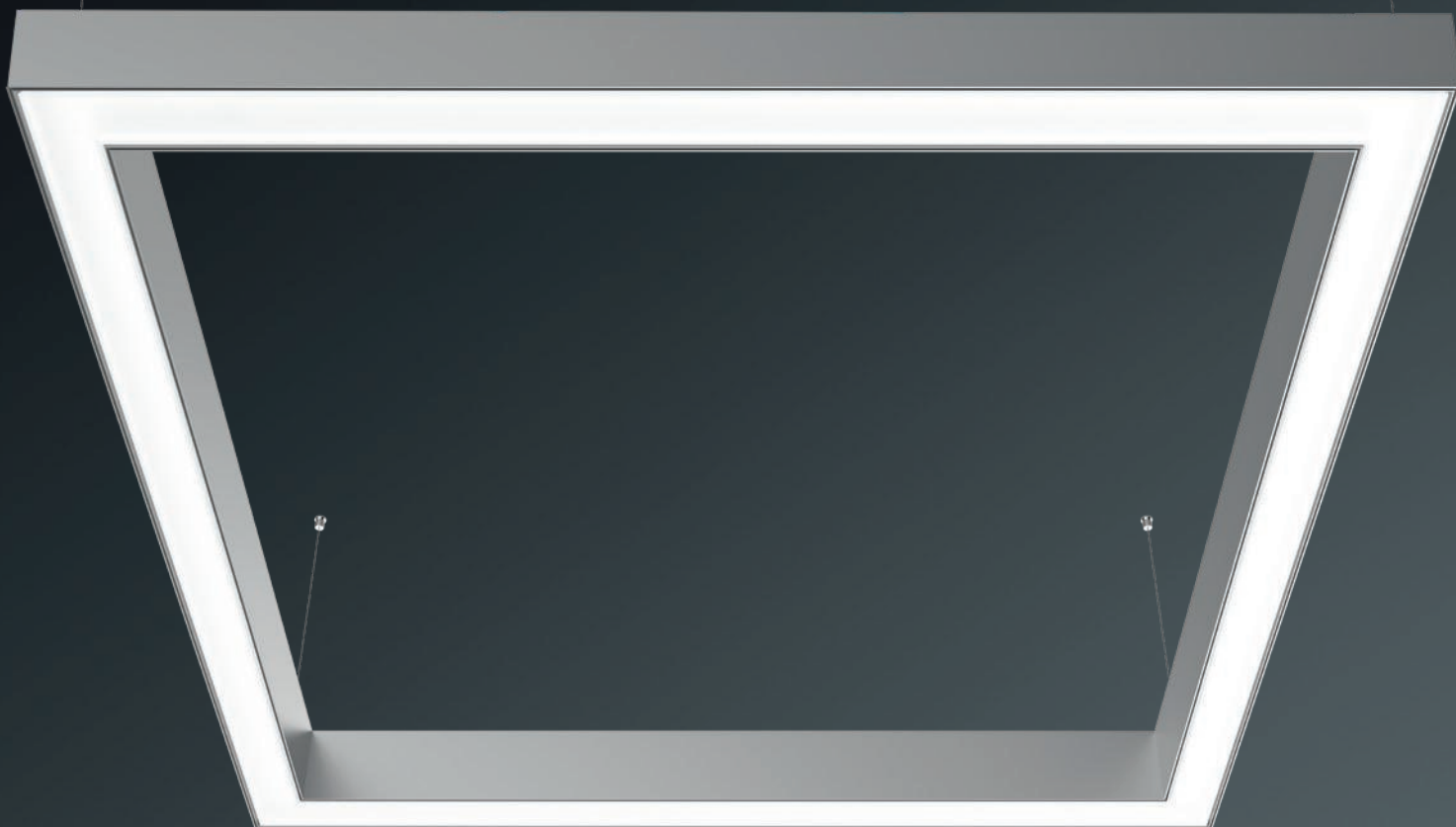
Accessories	Type	Details	Item-Number	kg
Suction pad	SH 55	Suction pad for fino-HMP Diffusor	903 0055 100	0,1











## fino Q-HK



### Housing

Aluminium profile in square design, natural anodised, completely assembled.  
Also available painted traffic white (similar to RAL 9016) or deep black (similar to RAL 9005). Other housing colours on request.

### Lighting technology Q-HK

Direct distribution.

Continuous homogeneous illumination via white-opal satin-finished polycarbonate extruded profile with white reflectors.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

Four wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



■ white aluminium

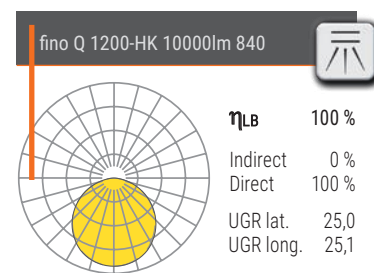
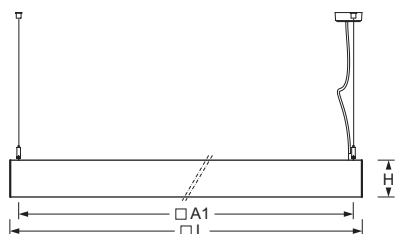


□ traffic white



■ deep black

Type	□ L	H	A1	P <sub>min</sub>	P <sub>max</sub>
fino Q 1200-HK	1212	92	1140	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
fino Q 1200-HK	LED 10000lm 840	94	ED	545 4144 180	■ □ ■	14,2
	LED 10000lm 840	94	DALI	545 4146 680	■ □ ■	14,2











## rail-HGI



### Housing

Side parts aluminium profile, natural anodised. Face ends and top of the housing sheet steel, painted white aluminium. Other housing colours on request.

### Lighting technology -HGI

Direct/indirect distribution.

White-opal satin-finished polycarbonate extruded profile.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

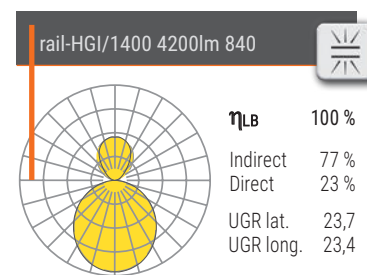
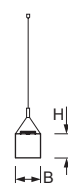
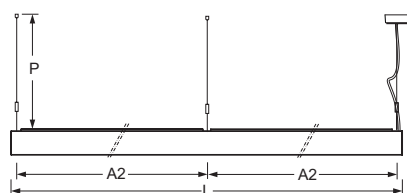
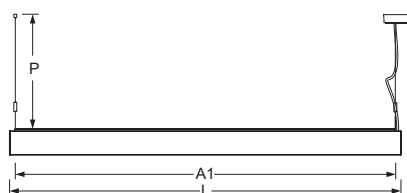
Y-wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.



Type	L	B	H	A1	A2	P <sub>min</sub>	P <sub>max</sub>
rail-HGI/1100	1131	62	71	1107		150	2000
rail-HGI/1400	1431	62	71	1407		150	2000
rail-HGI/2200	2258	62	71	2234	1117	150	2000
rail-HGI/2800	2858	62	71	2834	1417	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
rail-HGI/1100	LED 3500lm 840	39	ED	671 0044 185	■	4,2
	LED 3500lm 840	39	DALI	671 0046 685	■	4,2
rail-HGI/1400	LED 4200lm 840	46	ED	671 0054 185	■	5
	LED 4200lm 840	46	DALI	671 0056 685	■	5
rail-HGI/2200	LED 7100lm 840	77	ED	671 0084 185	■	7,8
	LED 7100lm 840	77	DALI	671 0086 685	■	7,8
rail-HGI/2800	LED 8400lm 840	93	ED	671 0104 185	■	9,5
	LED 8400lm 840	93	DALI	671 0106 685	■	9,5





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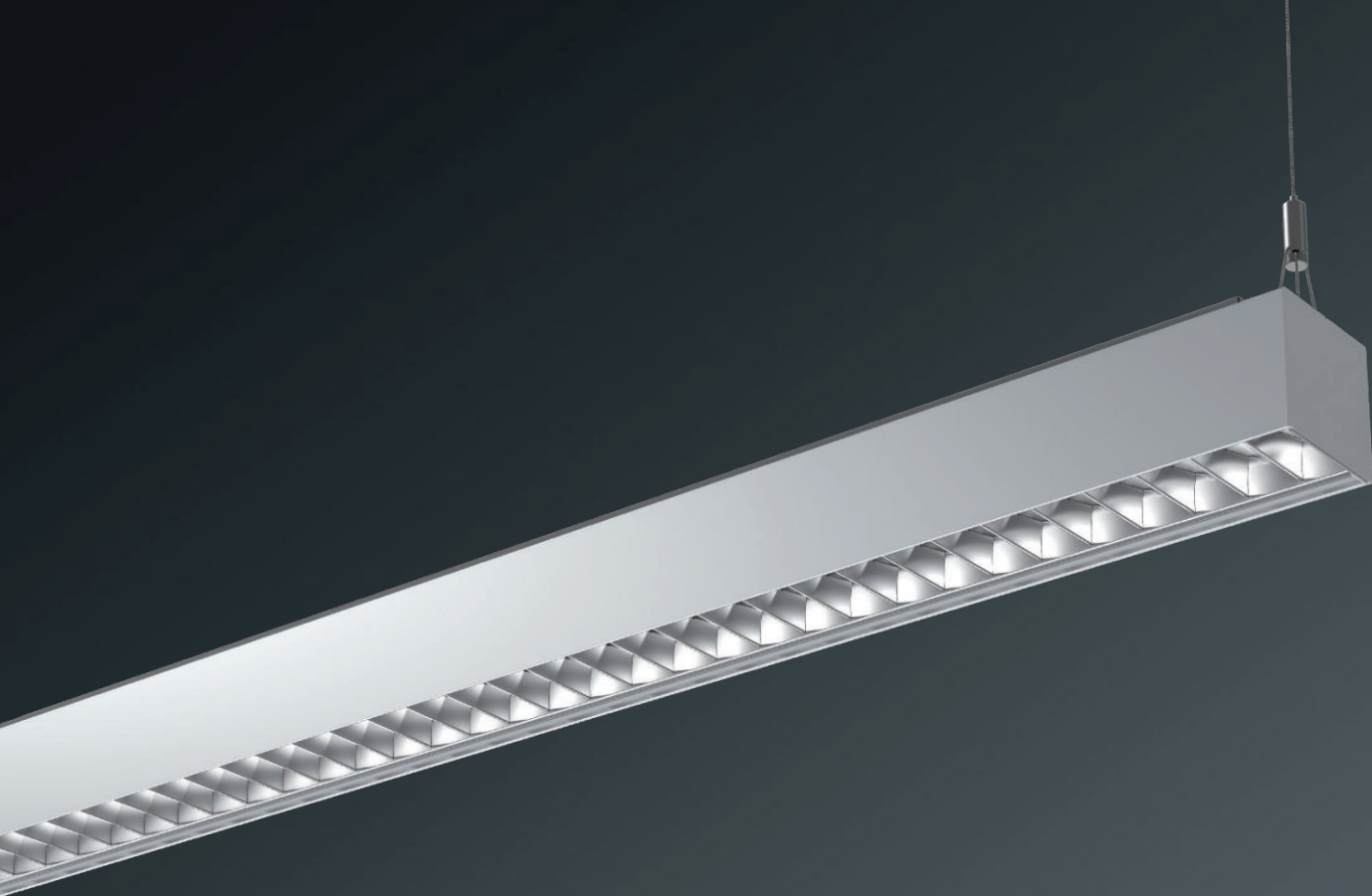
WissensDurst?

Getränke in wiederverschließbaren, auslaufsicheren Behältern sind in der Universitätsbibliothek erlaubt. Bitte nehmen Sie kein Essen und keine Coffee-to-go-Becher mit.









## rail-HXI



### Housing

Side parts aluminium profile, natural anodised. Face ends and top of the housing sheet steel, painted white aluminium. Other housing colours on request.

### Lighting technology -HXI

Direct/indirect distribution.

Parabolic aluminium louvre, semi-specular anodised.

For VDU workstations  $65^\circ < 3000 \text{ cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

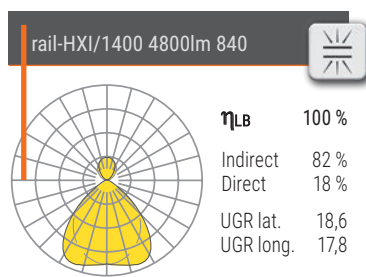
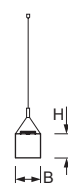
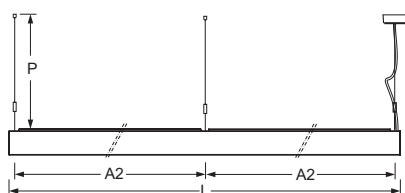
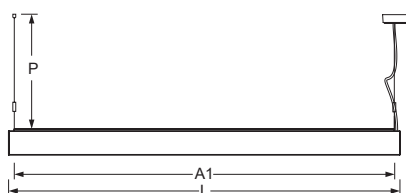
### Suspension

Y-wire suspension with rapid coupling, free height adjustment between 150 and 2000mm.

### Miscellaneous

Translucent connection cable pre-mounted.

Type	L	B	H	A1	A2	P <sub>min</sub>	P <sub>max</sub>
rail-HXI/1100	1131	62	71	1107		150	2000
rail-HXI/1400	1431	62	71	1407		150	2000
rail-HXI/2200	2258	62	71	2234	1117	150	2000
rail-HXI/2800	2858	62	71	2834	1417	150	2000



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)



Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
rail-HXI/1100	LED 4000lm 840	36	ED	671 0044 165	■	4,2
	LED 4000lm 840	36	DALI	671 0046 665	■	4,2
rail-HXI/1400	LED 4800lm 840	43	ED	671 0054 165	■	5
	LED 4800lm 840	43	DALI	671 0056 665	■	5
rail-HXI/2200	LED 8000lm 840	71	ED	671 0084 165	■	7,8
	LED 8000lm 840	71	DALI	671 0086 665	■	7,8
rail-HXI/2800	LED 9600lm 840	85	ED	671 0104 165	■	9,5
	LED 9600lm 840	85	DALI	671 0106 665	■	9,5













## rason-RSHIMP



### Housing

Ultra-flat luminaire housing, aluminium profile, natural anodised, visible construction height 30mm; with continuous longitudinal groove, rounded towards the bottom of the luminaire.

### Lighting technology -RSHIMP

Direct/indirect distribution.

Direct ratio by means of a microprismatic panel with conical glare elimination; homogeneous light emission through lateral LED light coupling and fitted aluminium reflector in a highly reflective white coating. With micro-perforation at upper side of the housing for a moderate ceiling illumination.

For VDU workstations  $65^\circ < 3000\text{cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1.

Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



#### DALI DT8

Luminaire in tunable white technology for Human Centric Lighting.

927/warm white (2700K) - 965/daylight white (6500K) continuously adjustable. Suitable controls for tunable white technology on request.

For VDU workstations  $65^\circ < 3000\text{cd/m}^2$ ,  $\text{UGR} \leq 19$  according to

DIN EN 12464-1. Rated life time = L80 B10 50.000h.



#### DALI-luminaires casambi ready

LC-canopy SA-PS-FLEX with integrated casambi module

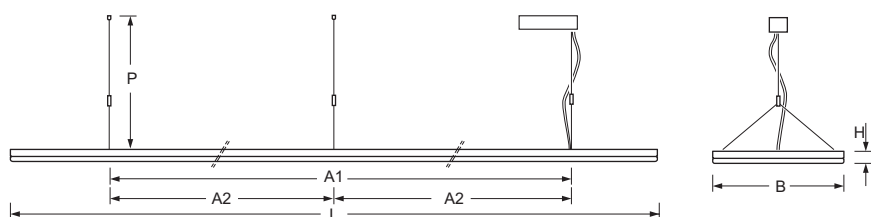
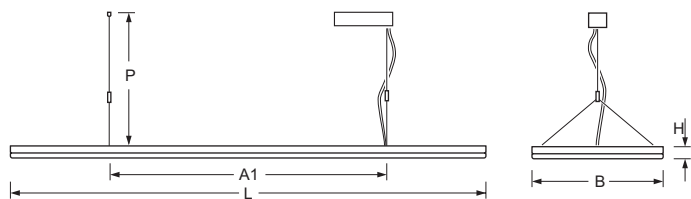
and further system components to be ordered separately P.484-487.

### Suspension

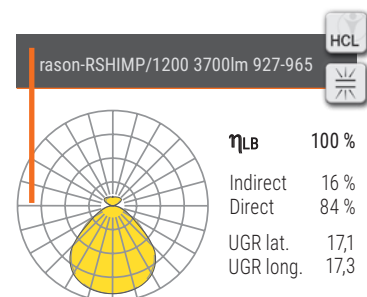
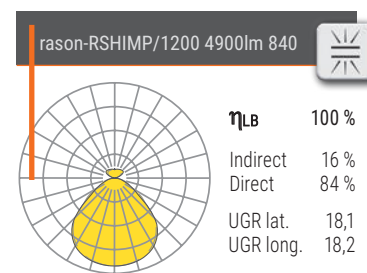
Y-wire suspension with rapid coupling, free height adjustment between 160 and 1900mm.



Type	L	B	H	A1	A2	P <sub>min</sub>	P <sub>max</sub>
rason-RSHIMP/1200	1199	330	30	700		160	1900
rason-RSHIMP/1500	1480	330	30	863		160	1900
rason-RSHIMP/2900	2884	330	30	2266	1133	160	1900



■ rason-RSHIMP/2900



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
rason-RSHIMP/1200	LED 4900lm 840	44	ED	422 1014 175	■	6,3
	LED 4900lm 840	44	DALI	422 1016 675	■	6,3
	LED 3700lm 927-965	45	DALI DT8	422 4016 975	■	7,6
rason-RSHIMP/1500	LED 6300lm 840	55	ED	425 1024 175	■	7,8
	LED 6300lm 840	55	DALI	425 1026 675	■	7,8
	LED 4700lm 927-965	55	DALI DT8	425 4026 975	■	9,1
rason-RSHIMP/2900	LED 12600lm 840	110	ED	426 1054 175	■	15,0
	LED 12600lm 840	110	DALI	426 1056 675	■	15,0









## rason-RSHIG



### Housing

Ultra-flat luminaire housing, aluminium profile, natural anodised, visible construction height 30mm; with continuous longitudinal groove, rounded towards the bottom of the luminaire.

### Lighting technology -RSHIG

Direct/indirect distribution.

Direct ratio by means of a satinised special acrylic panel, with high transmission and homogeneous light emission through lateral LED light coupling and fitted aluminium reflector in a highly reflective white coating.

With micro-perforation at upper side of the housing for a moderate ceiling illumination. Rated life time = L80 B10 50.000h.

Light colour: 4000K. Optional: 3000K. Other light colours on request.



#### DALI DT8

Luminaire in tunable white technology for Human Centric Lighting. 927/warm white (2700K) - 965/daylight white (6500K) continuously adjustable. Suitable controls for tunable white technology on request. Rated life time = L80 B10 50.000h.



#### DALI-luminaires casambi ready

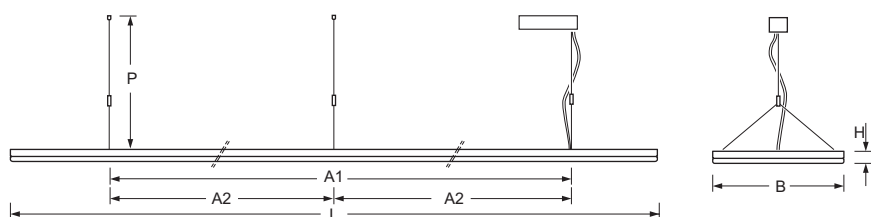
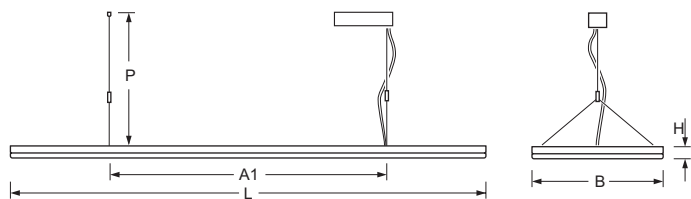
LC-canopy SA-PS-FLEX with integrated casambi module and further system components to be ordered separately P.484-487.

### Suspension

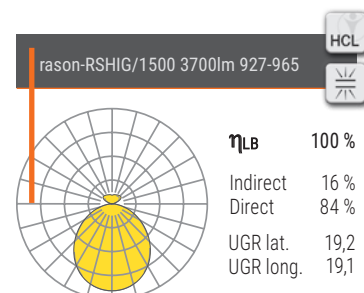
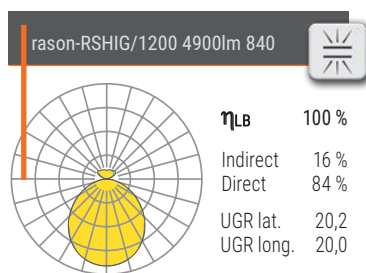
Y-wire suspension with rapid coupling, free height adjustment between 160 and 1900mm.



Type	L	B	H	A1	A2	P <sub>min</sub>	P <sub>max</sub>
rason-RSHIG/1200	1199	330	30	700		160	1900
rason-RSHIG/1500	1480	330	30	863		160	1900
rason-RSHIG/2900	2884	330	30	2266	1133	160	1900



■ rason-RSHIG/2900



Please refer to the current data and prices for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

Type	LED Specification	P <sub>sys</sub> (W)	Driver	Item-Number	Colour	kg
rason-RSHIG/1200	LED 4900lm 840	44	ED	422 1014 115	■	6,3
	LED 4900lm 840	44	DALI	422 1016 615	■	6,3
	LED 3700lm 927-965	45	DALI DT8	422 4016 915	■	7,6
rason-RSHIG/1500	LED 6300lm 840	55	ED	425 1024 115	■	7,8
	LED 6300lm 840	55	DALI	425 1026 615	■	7,8
	LED 4700lm 927-965	55	DALI DT8	425 4026 915	■	9,1
rason-RSHIG/2900	LED 12700lm 840	110	ED	426 1054 115	■	15,0
	LED 12700lm 840	110	DALI	426 1056 615	■	15,0







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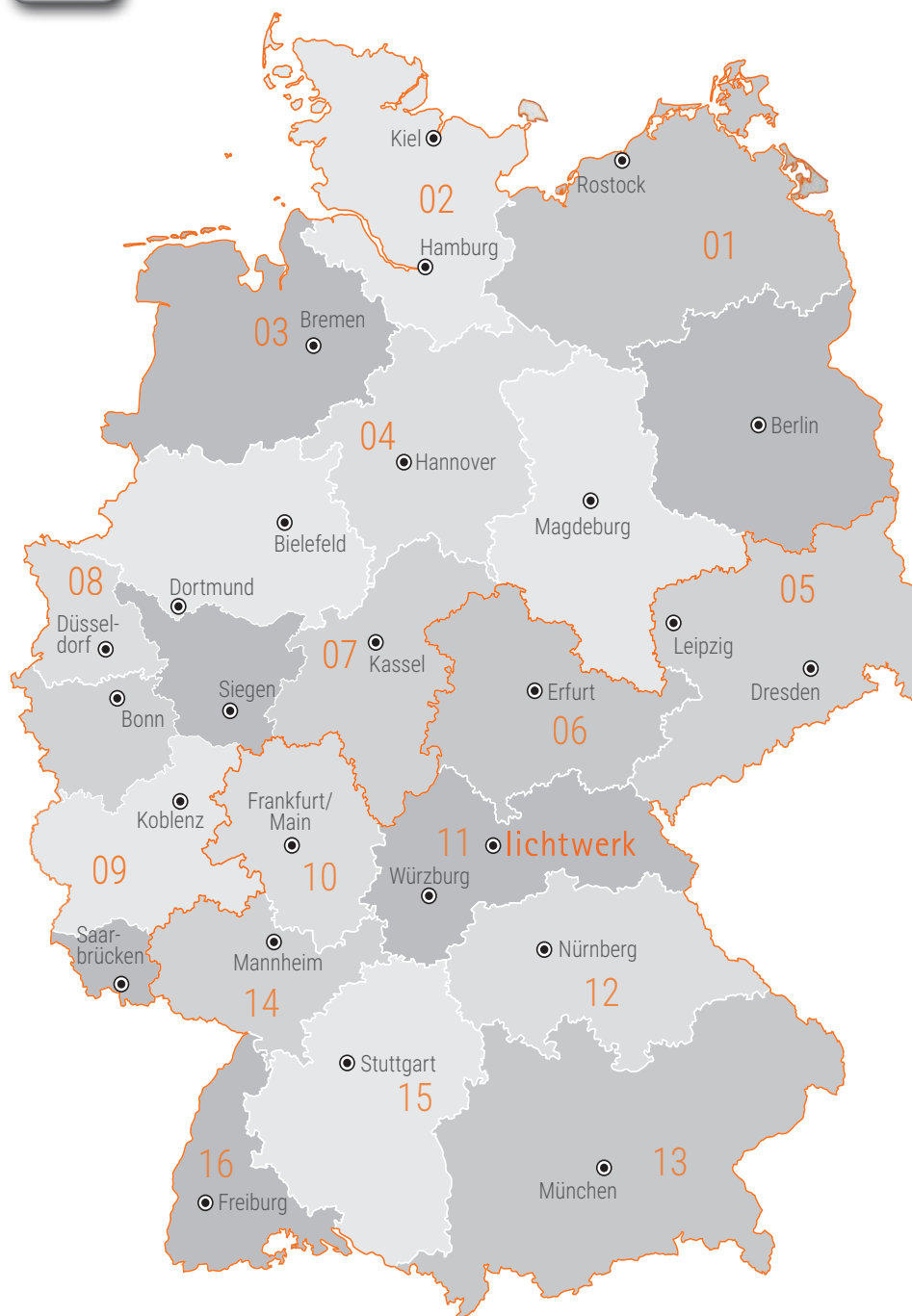
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