













19  
20



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# Symbol key



## Colour code/Colour

	traffic white (similar RAL 9016)
	white-aluminium (similar RAL 9006)
	aluminium natural anodized
	stainless steel
	chrome
	silver
	silver grey
	aluminium
	translucent
	clear
	grit grey
	black (similar RAL 9017)

## Control gear

ED	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

## Ceiling systems

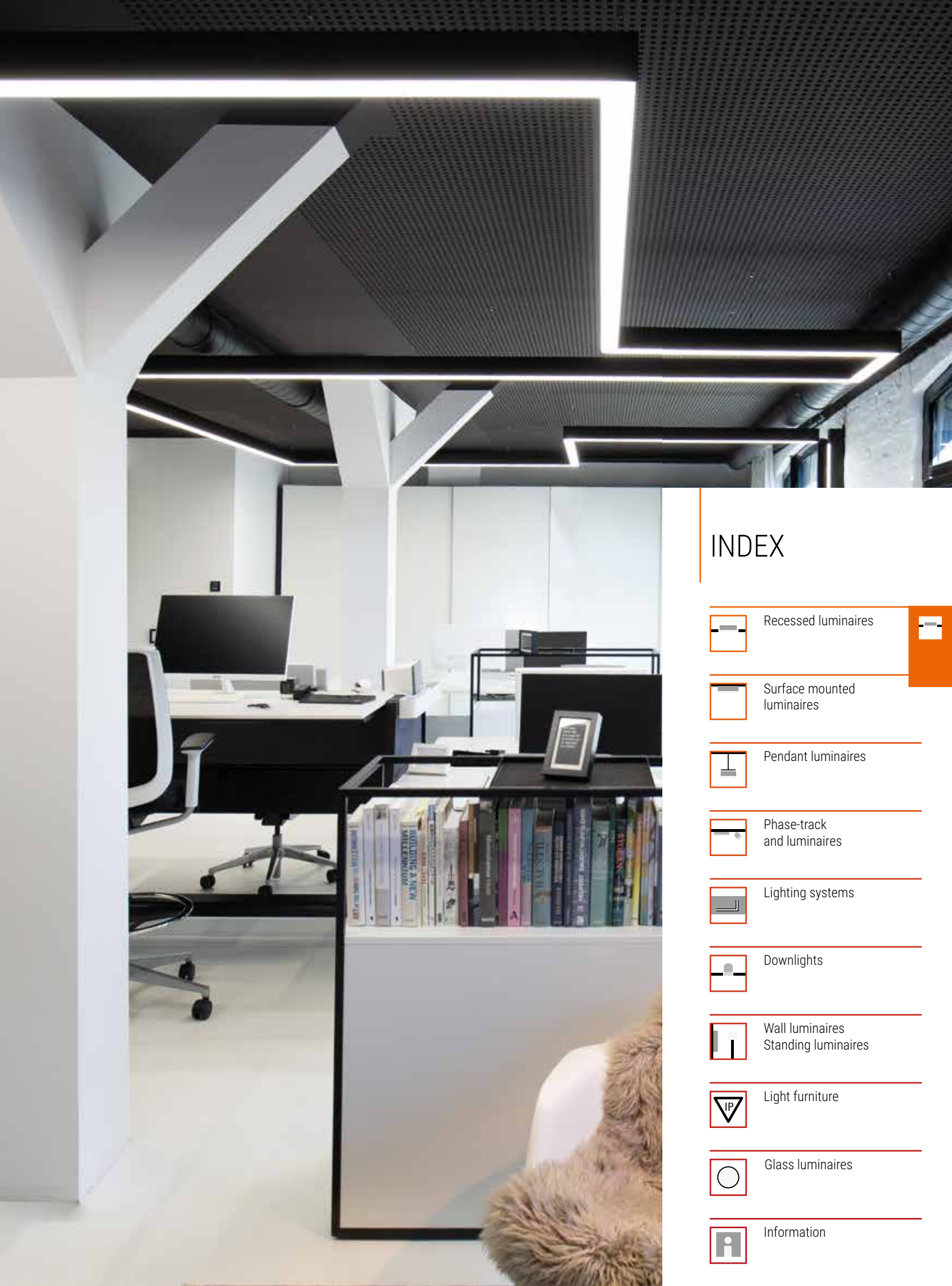
	for ceilings with visible T-rails
	for cut-out ceilings

## Definition of measurement table variables

L	Length
□L	Length/Width for square luminaires
L2	Additional length
B	Width
H	Height
∅D	Diameter
FL	Length of luminaire base
FB	Width of luminaire base
FD	Diameter of luminaire base
T	Depth
KE	Cable infeed
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 for recessed luminaires
SB	Width of cut for recessed luminaires
SD	Diameter of cut for recessed luminaires
e	Minimum necessary depth for luminaire mounting
Psys	Lighting system performance
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 suspended ceiling







## INDEX



Recessed luminaires



Surface mounted luminaires



Pendant luminaires



Phase-track and luminaires



Lighting systems



Downlights



Wall luminaires  
Standing luminaires



Light furniture



Glass luminaires



Information







Surface mounted luminaires

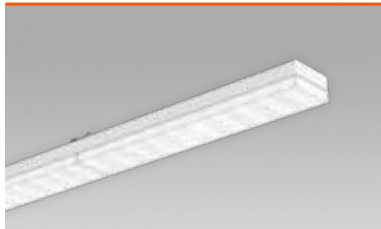
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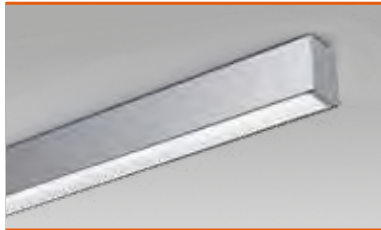
clip-it-OG P. 86



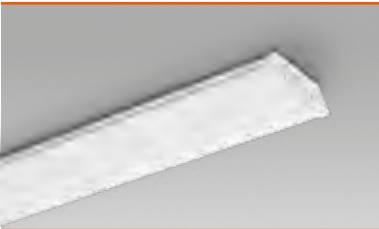
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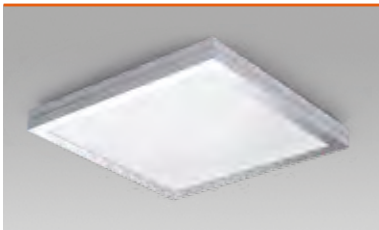
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Surface mounted  
luminaires  
from other chapters

Glass luminaires





## Surface mounted luminaires



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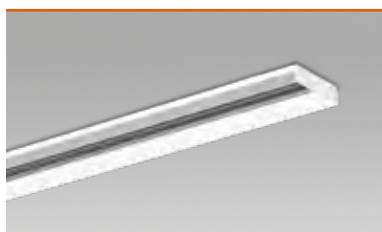
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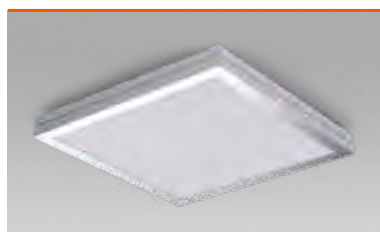
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## clip-it-OB

IP20 Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ

### Housing

Housing made of sheet steel traffic white (similar to RAL 9016), powder coated. The luminaire is attached solely by clips for 24mm T-rail, included in delivery.

### Lighting technology -OB

Direct wide light distribution.

Translucent lens optics made of acrylic with additional lateral transmission.



Rated life time = L80 B10 50.000h.

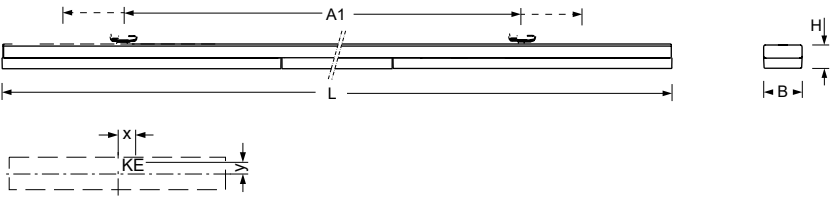
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

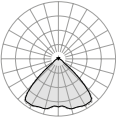
Electrical connection via pre-mounted 5-pole connection cable, 2m.




Type	Ceiling	L	B	H	A1	X	Y
clip-it-OB/1200		1220	55	30	756-1179	0	0
clip-it-OB/1500		1525	55	30	1062-1485	0	0



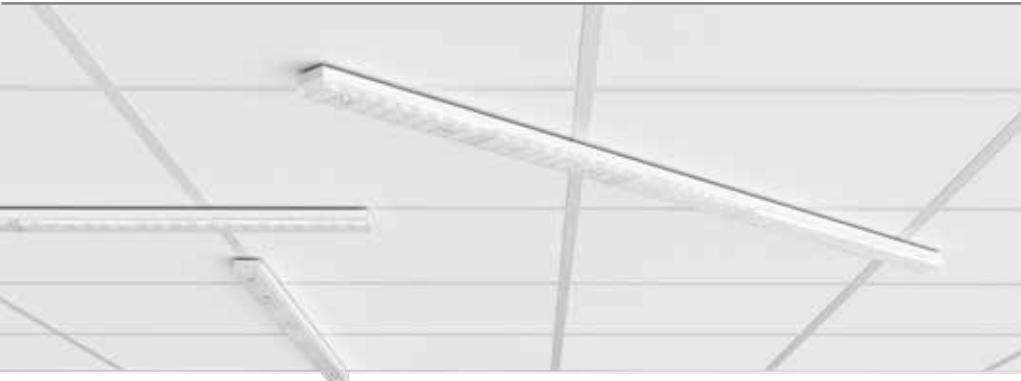
clip-it-OB/1200  
4600lm 840






Direct 98 %  
Indirect 2 %  
UGR lat. 20,3  
UGR long. 20,7

A++ 

 any arrangement on ceilings with visible T-rail 24mm



Type	Colour	LED Specification	P <sub>sys</sub> (W)	DALI	
clip-it-OB/1200		LED 4600lm 840	31	769 1446 600	2,2
clip-it-OB/1500		LED 5800lm 840	39	769 1546 600	2,8

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



## clip-it-OTB

IP20     

### Housing

Housing made of sheet steel traffic white (similar to RAL 9016), powder coated. The luminaire is attached solely by clips for 24mm T-rail, included in delivery.

### Lighting technology -OTB

Direct narrow-wide light distribution.

Translucent lens optics made of acrylic with additional lateral transmission.

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.

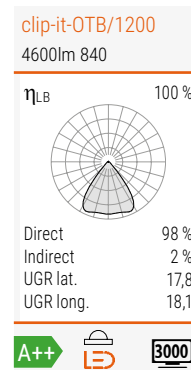
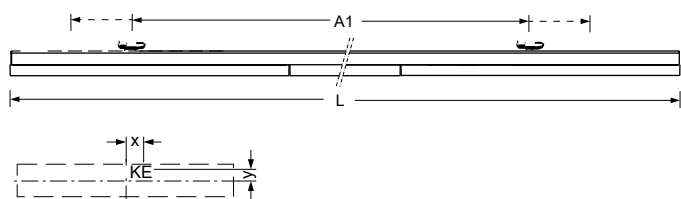
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

Electrical connection via pre-mounted 5-pole connection cable, 2m.






Type	Ceiling	L	B	H	A1	X	Y
clip-it-OTB/1200		1220	55	30	756-1179	0	0
clip-it-OTB/1500		1525	55	30	1062-1485	0	0



 any arrangement on ceilings with visible T-rail 24mm



Type	Colour	LED Specification	P <sub>sys</sub> (W)	DALI	
clip-it-OTB/1200		LED 4600lm 840	31	769 3446 600	2,2
clip-it-OTB/1500		LED 5800lm 840	39	769 3546 600	2,8

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



## clip-it-OG

IP20 Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ

### Housing

Housing made of sheet steel traffic white (similar to RAL 9016), powder coated. The luminaire is attached solely by clips for 24mm T-rail, included in delivery.

### Lighting technology -OG

Direct diffuse light distribution.

Frosted lens optics made of acrylic with lateral beam.



Rated life time = L80 B10 50.000h.

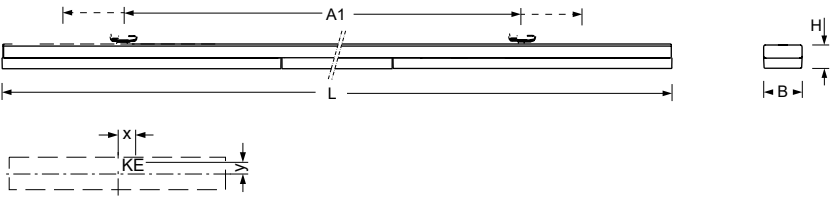
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

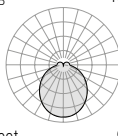
Electrical connection via pre-mounted 5-pole connection cable, 2m.




Type	ceiling	L	B	H	A1	X	Y
clip-it-OG/1200		1220	55	30	756-1179	0	0
clip-it-OG/1500		1525	55	30	1062-1485	0	0



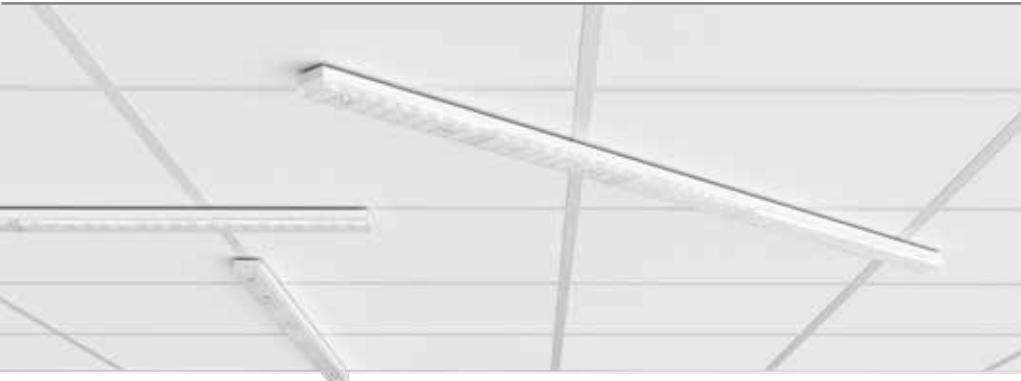
clip-it-OG/1200  
4500lm 840






Direct 90 %  
Indirect 10 %  
UGR lat. 25,5  
UGR long. 24,8

A++ 

 any arrangement on ceilings with visible T-rail 24mm



Type	Colour	LED Specification	P <sub>sys</sub> (W)	DALI	
clip-it-OG/1200		LED 4500lm 840	31	769 7446 600	2,2
clip-it-OG/1500		LED 5700lm 840	39	769 7546 600	2,8

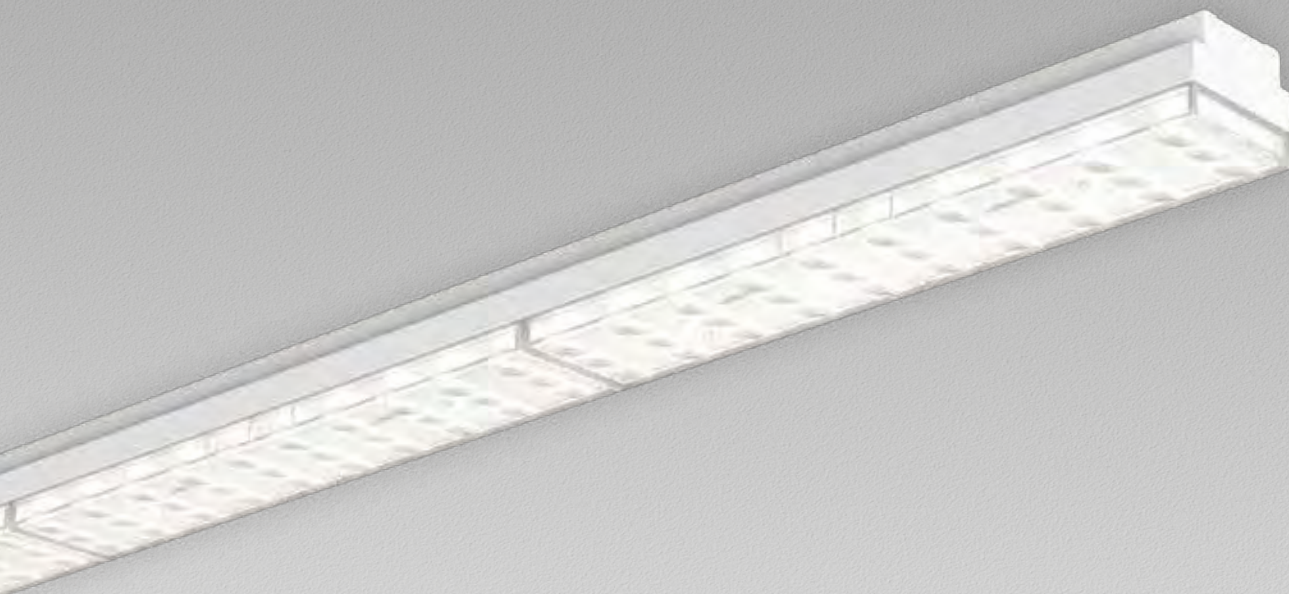
► Please refer to the current data for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)











## clip-on-OB

IP20    

### Housing

Sheet steel, powder-coated traffic white (similar to RAL 9016) or painted white aluminium (similar to 9006). Arrangeable as optically continuous light-lines through easy removable end-caps.

### Lighting technology -OB

Direct wide light distribution.

Translucent lens optics made of acrylic with additional lateral transmission.

Rated life time = L80 B10 50.000h.

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

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

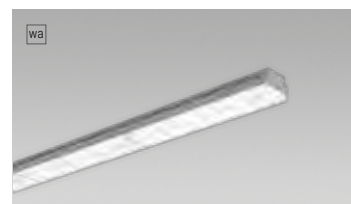
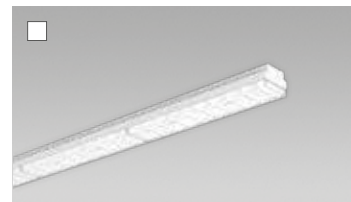
### Accessories

For surface mounting as continuous light-line one through-wiring clip-on-DV per joint is needed.

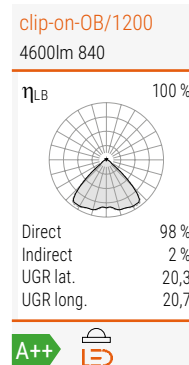
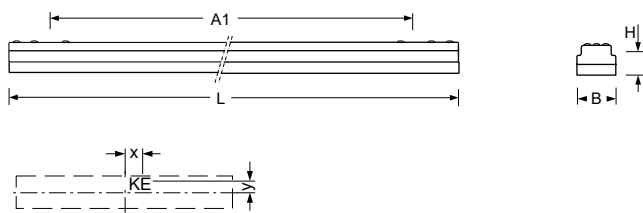
For pendant mounting as single luminaire one mounting kit clip-on-SAES is required.

For pendant mounting as continuous light-line one mounting kit clip-on-SAES is needed. Additionally for each joint one suspension clip-on-SAVS and one through-wiring clip-on-DV is necessary. Suspension length 2000mm.

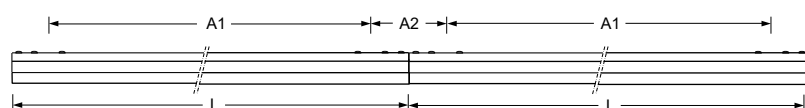
Accessories have to be ordered separately.



Type	L	B	H	A1	A2	X	Y
clip-on-OB/1200	1222	55	44	1120	101	0	0
clip-on-OB/1500	1527	55	44	1425	101	0	0
clip-on-OB/1800	1832	55	44	1730	101	0	0





#### Light line mounting



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
clip-on-OB/1200		LED 4600lm 840	31	771 1444 100	771 1446 600	2,1
clip-on-OB/1200		LED 4600lm 840	31	771 1444 106	771 1446 606	2,1
clip-on-OB/1500		LED 5800lm 840	39	771 1544 100	771 1546 600	2,7
clip-on-OB/1500		LED 5800lm 840	39	771 1544 106	771 1546 606	2,7
clip-on-OB/1800		LED 6900lm 840	47	771 1644 100	771 1646 600	3,3
clip-on-OB/1800		LED 6900lm 840	47	771 1644 106	771 1646 606	3,3

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

Accessories	Type	Details	Item-number		
	Through wiring	clip-on-DV	Through wiring set 5 x 1.5 for light-line assembly	771 9000 100	0,2
	Suspension set 3-pole	clip-on-SAES	Suspension set 2000/120 3x0,75	771 0037 105	0,3
	Suspension set 5-pole	clip-on-SAES	Suspension set 2000/120 5x0,75	771 0057 105	0,3
	Mechanical connection	clip-on-SAVS	Wire suspension with mechanical connection 2000/120	771 0000 105	0,1





## clip-on-OTB

IP20

### Housing

Sheet steel, powder-coated traffic white (similar to RAL 9016) or painted white aluminium (similar to 9006). Arrangeable as optically continuous light-lines through easy removable end-caps.

### Lighting technology -OTB

Direct narrow-wide light distribution.

Translucent lens optics made of acrylic with additional lateral transmission.

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.

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to  $2,5\text{mm}^2$ .

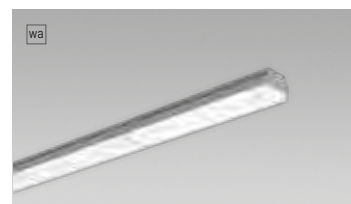
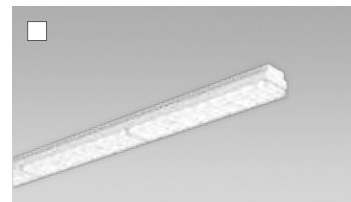
### Accessories

For surface mounting as continuous light-line one through-wiring clip-on-DV per joint is needed.

For pendant mounting as single luminaire one mounting kit clip-on-SAES is required.

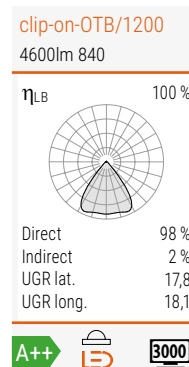
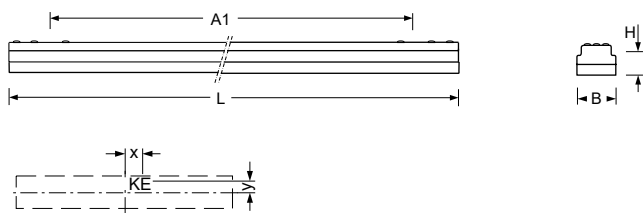
For pendant mounting as continuous light-line one mounting kit clip-on-SAES is needed. Additionally for each joint one suspension clip-on-SAVS and one through-wiring clip-on-DV is necessary. Suspension length 2000mm.

Accessories have to be ordered separately.

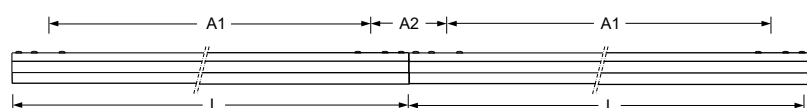




Type	L	B	H	A1	A2	X	Y
clip-on-OTB/1200	1222	55	44	1120	101	0	0
clip-on-OTB/1500	1527	55	44	1425	101	0	0
clip-on-OTB/1800	1832	55	44	1730	101	0	0





#### Light line mounting



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
clip-on-OTB/1200		LED 4600lm 840	31	771 3444 100	771 3446 600	2,1
clip-on-OTB/1200		LED 4600lm 840	31	771 3444 106	771 3446 606	2,1
clip-on-OTB/1500		LED 5800lm 840	39	771 3544 100	771 3546 600	2,7
clip-on-OTB/1500		LED 5800lm 840	39	771 3544 106	771 3546 606	2,7
clip-on-OTB/1800		LED 6900lm 840	47	771 3644 100	771 3646 600	3,3
clip-on-OTB/1800		LED 6900lm 840	47	771 3644 106	771 3646 606	3,3

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

Accessories	Type	Details	Item-number		
	Through wiring	clip-on-DV	Through wiring set 5 x 1.5 for light-line assembly	771 9000 100	0,2
	Suspension set 3-pole	clip-on-SAES	Suspension set 2000/120 3x0,75	771 0037 105	0,3
	Suspension set 5-pole	clip-on-SAES	Suspension set 2000/120 5x0,75	771 0057 105	0,3
	Mechanical connection	clip-on-SAVS	Wire suspension with mechanical connection 2000/120	771 0000 105	0,1



## clip-on-OG

IP20    

### Housing

Sheet steel, powder-coated traffic white (similar to RAL 9016) or painted white aluminium (similar to 9006). Arrangeable as optically continuous light-lines through easy removable end-caps.

### Lighting technology -OG

Direct diffuse light distribution.

Frosted lens optics made of acrylic with lateral beam.

Rated life time = L80 B10 50.000h.

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

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

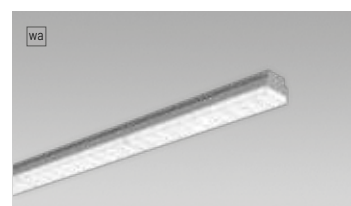
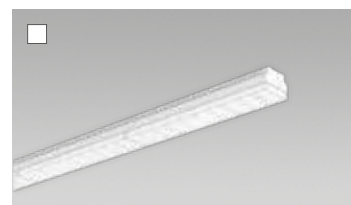
### Accessories

For surface mounting as continuous light-line one through-wiring clip-on-DV per joint is needed.

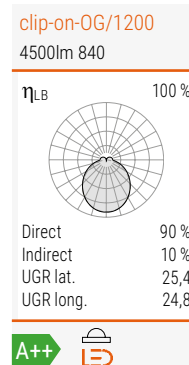
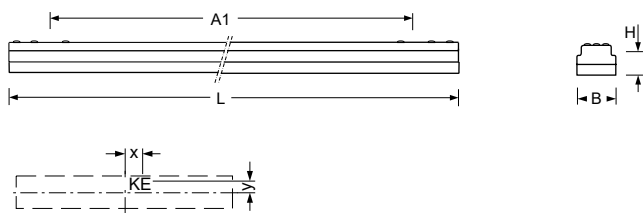
For pendant mounting as single luminaire one mounting kit clip-on-SAES is required.

For pendant mounting as continuous light-line one mounting kit clip-on-SAES is needed. Additionally for each joint one suspension clip-on-SAVS and one through-wiring clip-on-DV is necessary. Suspension length 2000mm.

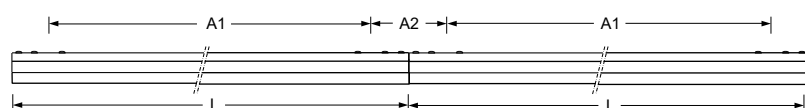
Accessories have to be ordered separately.



Type	L	B	H	A1	A2	X	Y
clip-on-OG/1200	1222	55	44	1120	101	0	0
clip-on-OG/1500	1527	55	44	1425	101	0	0
clip-on-OG/1800	1832	55	44	1730	101	0	0





#### Light line mounting



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
clip-on-OG/1200		LED 4500lm 840	31	771 7444 100	771 7446 600	2,1
clip-on-OG/1200		LED 4500lm 840	31	771 7444 106	771 7446 606	2,1
clip-on-OG/1500		LED 5700lm 840	39	771 7544 100	771 7546 600	2,7
clip-on-OG/1500		LED 5700lm 840	39	771 7544 106	771 7546 606	2,7
clip-on-OG/1800		LED 6800lm 840	47	771 7644 100	771 7646 600	3,3
clip-on-OG/1800		LED 6800lm 840	47	771 7644 106	771 7646 606	3,3

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

Accessories	Type	Details	Item-number		
	Through wiring	clip-on-DV	Through wiring set 5 x 1.5 for light-line assembly	771 9000 100	0,2
	Suspension set 3-pole	clip-on-SAES	Suspension set 2000/120 3x0,75	771 0037 105	0,3
	Suspension set 5-pole	clip-on-SAES	Suspension set 2000/120 5x0,75	771 0057 105	0,3
	Mechanical connection	clip-on-SAVS	Wire suspension with mechanical connection 2000/120	771 0000 105	0,1









## epic R-AF

IP20    

### Housing R

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 R-AF

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.

### Miscellaneous

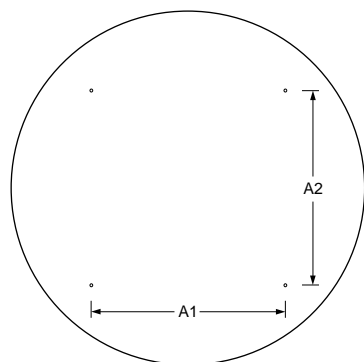
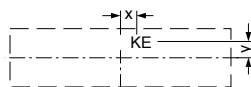
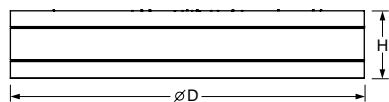
Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

### Accessories

Extraction tool for releasing film frame must be ordered separately.



Type	D	H	A1	A2	X	Y
epic R 950	954	178	650	560	142	0
epic R 1280	1284	184	724	868	0	90
epic R 1560	1564	184	1010	900	0	95



epic R 950-AF	
9400lm 840	
$\eta_{LB}$	100 %
Direct	100 %
Indirect	0 %
UGR lat.	21,7
UGR long.	21,7
A++	

Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
epic R 950-173-AF		LED 9400lm 840	115	627 0954 154	627 0956 154	20
epic R 1280-173-AF		LED 18700lm 840	225	627 1284 154	627 1286 154	35
epic R 1560-173-AF		LED 25400lm 840	325	627 1564 154	627 1566 154	46,5

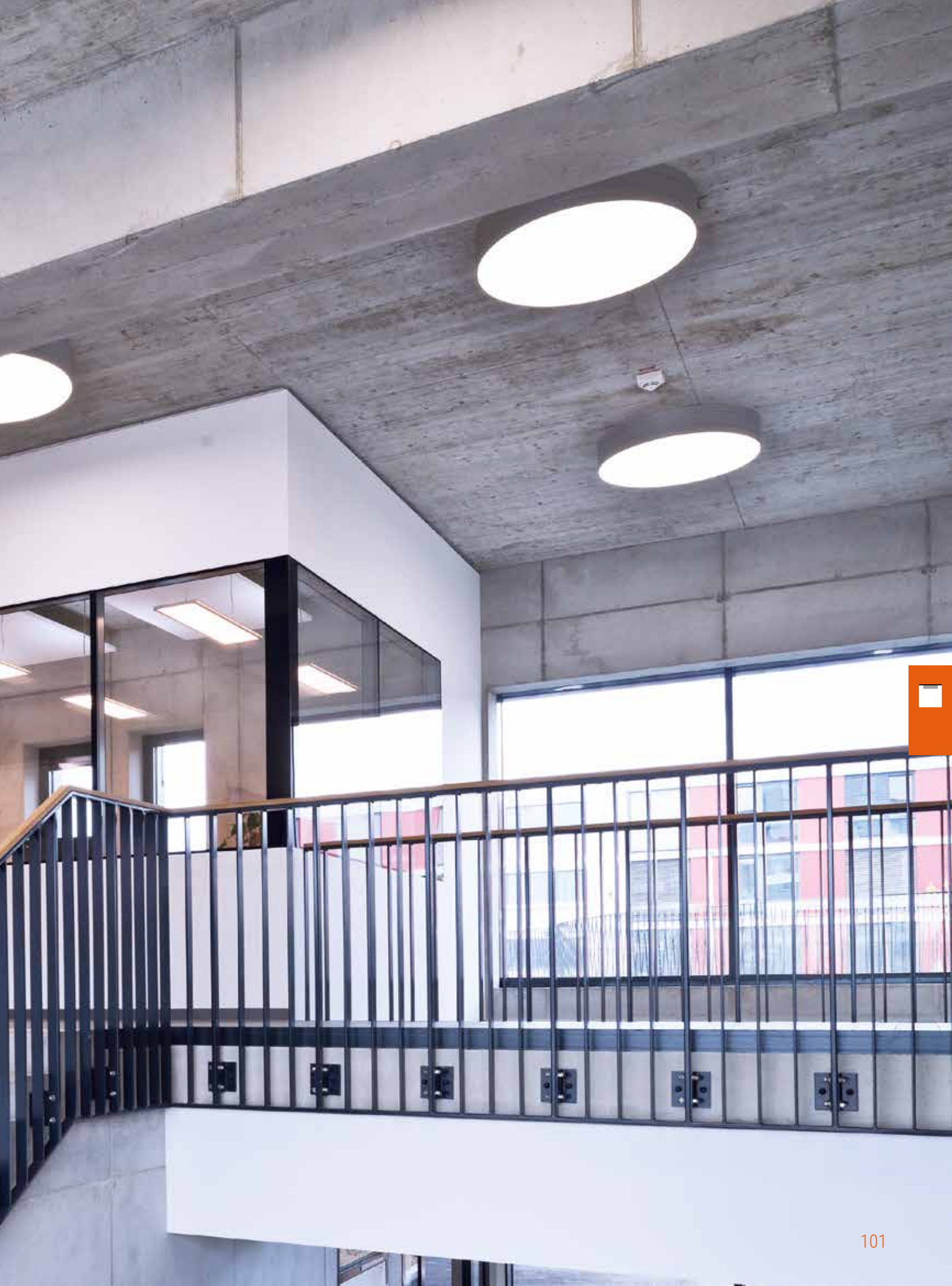
► Please refer to the current data for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

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

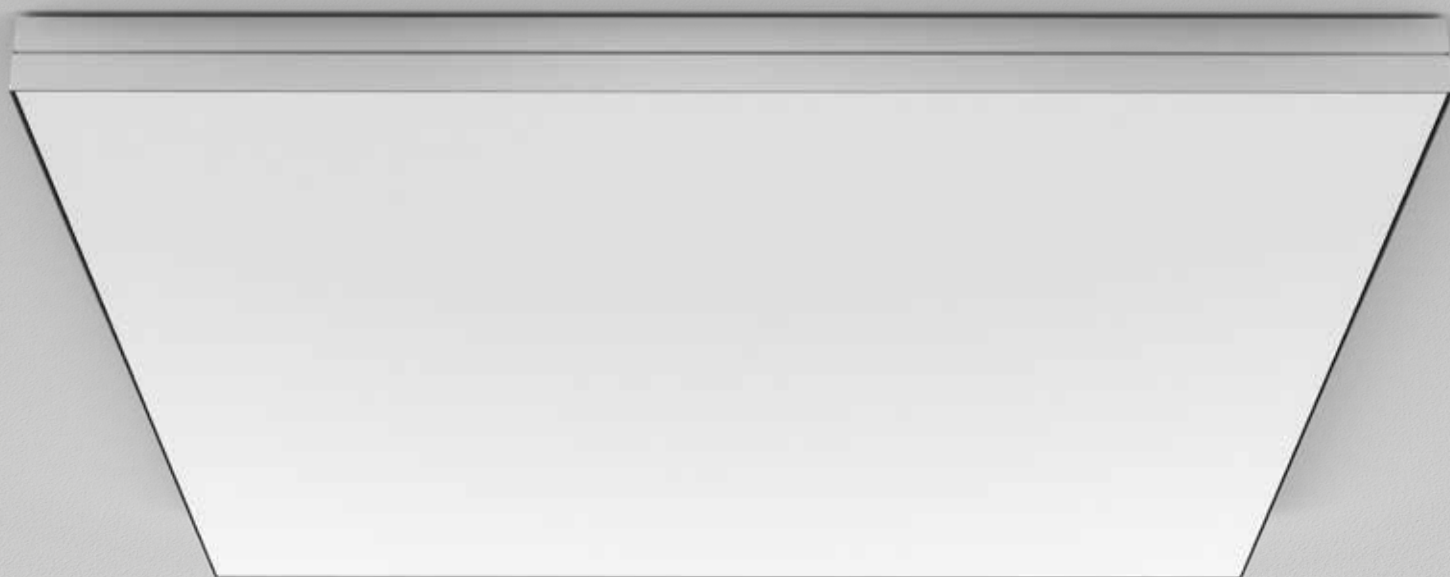
A digital display mounted on a concrete wall. The top left section shows a table with two columns: 'Etage' and 'Raum'. The table contains the following data:

Etage	Raum
OG4	4.16
OG4	4.17
EG	0.12

The rest of the display is red. In the top right corner, there is a logo with the letters 'TGZ' and a red arrow. In the bottom right corner, there is a white box containing the time '11:07'. At the bottom left, the text 'Technologie- und Gründerzentrum!' is visible.







## epic Q-AF

IP20    

### Housing Q

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 Q-AF

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.

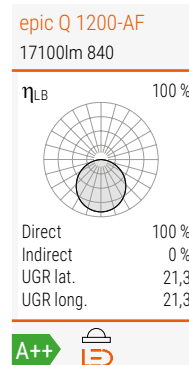
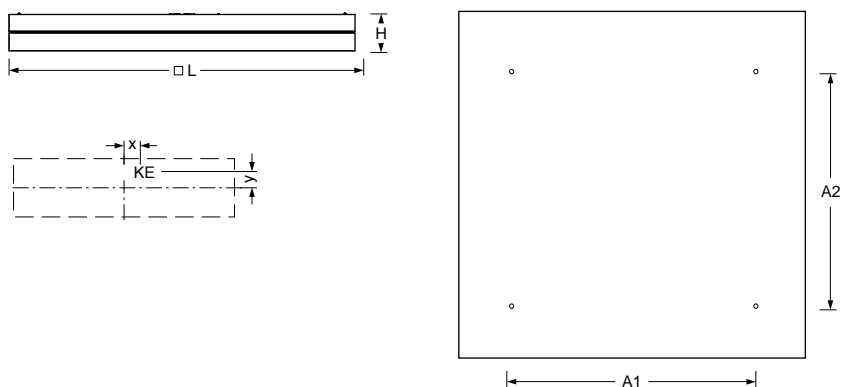
### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

### Accessories

Extraction tool for releasing film frame must be ordered separately.

Type	L	H	A1	A2	X	Y
epic Q 600	604	96	520	520	0	0
epic Q 900	904	96	700	840	0	0
epic Q 1200	1212	103	1120	900	0	568
epic Q 1500	1504	103	1400	1160	0	714



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
epic Q 600-88-AF		LED 4100lm 840	50	626 0604 164	626 0606 164	11
epic Q 900-88-AF		LED 9700lm 840	106	626 0904 164	626 0906 164	19
epic Q 1200-88-AF		LED 17100lm 840	189	626 1204 164	626 1206 164	34
epic Q 1500-88-AF		LED 26200lm 840	296	626 1504 164	626 1506 164	43

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

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



## fino-AMP

IP20    

### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Concealed sheet steel rail for ceiling mount, traffic white, for mounting the luminaire without tools. Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005).

### Lighting technology -AMP

Direct distribution.

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

Rated life time = L80 B10 50.000h.

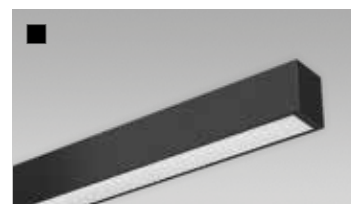
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

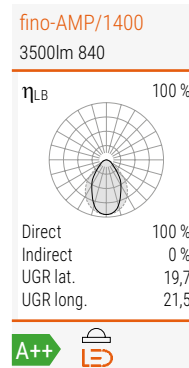
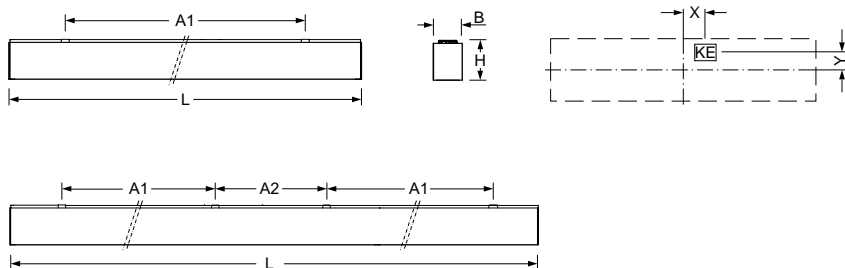
### Accessories

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





Type	L	B	H	A1	A2	X	Y
fino-AMP/1100	1143	72	102	850		0	0
fino-AMP/1400	1424	72	102	1130		170	0
fino-AMP/2200	2272	72	102	850	280	565	0
fino-AMP/2800	2834	72	102	1130	280	875	0



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
fino-AMP/1100		LED 2800lm 840	24	435 4144 150	435 4146 650	4,8
fino-AMP/1400		LED 3500lm 840	30	435 5144 150	435 5146 650	5,9
fino-AMP/2200		LED 5600lm 840	48	435 8144 150	435 8146 650	9,6
fino-AMP/2800		LED 7000lm 840	60	435 0144 150	435 0146 650	11,8

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

Accessories	Type	Colour	Material	Details	Item-number	kg
	Tool	SH 55		Polymer	Suction pad for fino-AMP diffuser	903 0055 100
						0,1









## fino-AK

IP20    

### Housing

Aluminium profile, natural anodised. Face ends sheet steel, painted white aluminium. Concealed sheet steel rail for ceiling mount, traffic white, for mounting the luminaire without tools. Also available in textured paint traffic white (similar to RAL 9016) or deep black (similar to RAL 9005).

### Lighting technology -AK

Direct distribution.

White-opal satin-finished polycarbonate extruded profile with white reflectors.

Rated life time = L80 B10 50.000h.

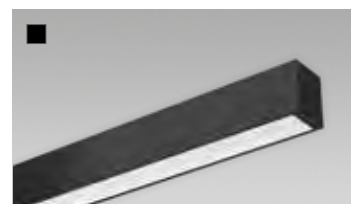
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

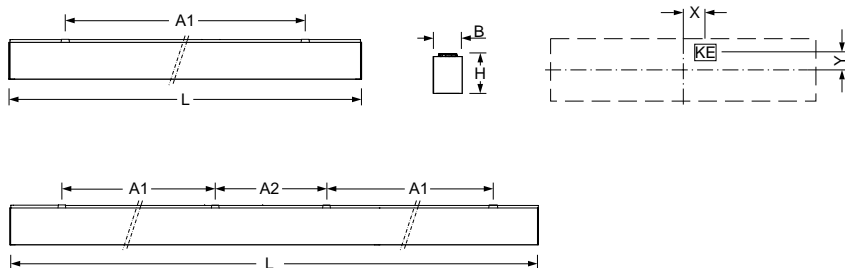
Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

### Accessories

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



Type	L	B	H	A1	A2	X	Y
fino-AK/1100	1143	72	102	850		0	0
fino-AK/1400	1424	72	102	1130		170	0
fino-AK/2200	2272	72	102	850	280	565	0
fino-AK/2800	2834	72	102	1130	280	875	0



fino-AK/1400	
3000lm 840	
$\eta_{LB}$	100 %
Direct	100 %
Indirect	0 %
UGR lat.	23,7
UGR long.	24,1
<div>A++</div> <div> </div>	

Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
fino-AK/1100		LED 2400lm 840	24	435 4144 180	435 4146 680	4,6
fino-AK/1400		LED 3000lm 840	30	435 5144 180	435 5146 680	5,7
fino-AK/2200		LED 4800lm 840	48	435 8144 180	435 8146 680	9,2
fino-AK/2800		LED 6000lm 840	60	435 0144 180	435 0146 680	11,4

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

Accessories	Type	Colour	Material	Details	Item-number	kg
	Tool	SH 55		Polymer	Suction pad for fino-AK diffuser	903 0055 100
						0,1









## rason-RSAIMP

IP20      

### Housing

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

### Lighting technology -RSAIMP

Direct/indirect distribution.

Direct portion 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.

### HCL 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.

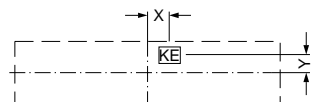
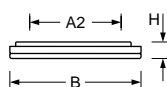
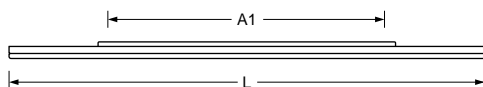
For VDU workstations  $65^\circ < 3000\text{cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1.

Rated life time = L80 B10 50.000h.

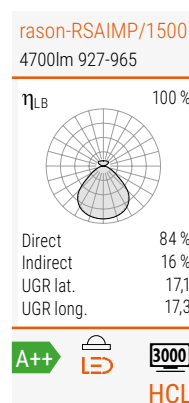
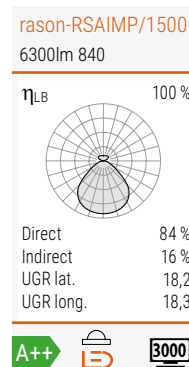
### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

Type	L	B	H	A1	A2	X	Y
rason-RSAIMP/1200	1199	330	42	700	230	0	0
rason-RSAIMP/1500	1480	330	42	700	230	0	0



## rason-RSAIMP Micro-perforation housing top



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
rason-RSAIMP/1200		LED 4900lm 840	44	442 1014 175	442 1016 675	7,5
rason-RSAIMP/1500		LED 6300lm 840	55	445 1024 175	445 1026 675	9,0

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

## HCL

Type	Colour	LED Specification	P <sub>sys</sub> (W)	DALI DT8	
rason-RSAIMP/1200		LED 3700lm 927-965	45	442 4016 975	7,5
rason-RSAIMP/1500		LED 4700lm 927-965	55	445 4026 975	9,0

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





## rason-RSAIG

IP20    

### 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 -RSAIG

Direct/indirect distribution.

Homogeneous illumination by 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.

### HCL DALI DT8

Luminaire in tunable white technology for Human Centric Lighting.

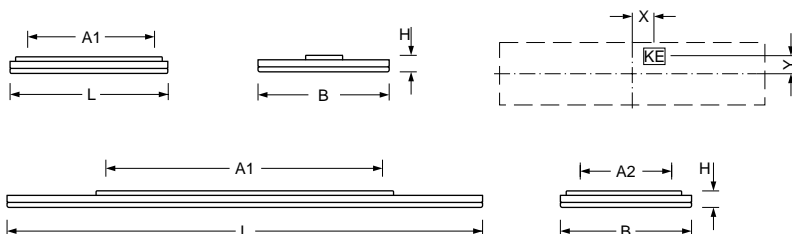
927/warm white (2700K) - 965/daylight white (6500K) continuously adjustable. Suitable controls for tunable white technology on request.

Rated life time = L80 B10 50.000h.

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

Type	L	B	H	A1	A2	X	Y
rason-RSWIG/355	355	330	42	265		0	0
rason-RSWIG/635	635	330	42	548		0	0
rason-RSAIG/1200	1199	330	42	700	230	0	0
rason-RSAIG/1500	1480	330	42	700	230	0	0



rason-RSWIG suitable for ceiling- and wall-mounting

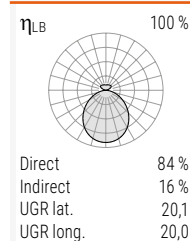
/355



/635



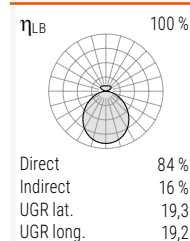
rason-RSAIG/1200  
4900lm 840



A++



rason-RSAIG/1200  
3700lm 927-965



A++



HCL

Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
rason-RSWIG/355	■	LED 1300lm 840	12	460 1034 115		2,4
rason-RSWIG/635	■	LED 2600lm 840	24	461 1044 115	461 1046 615	4,2
rason-RSAIG/1200	■	LED 4900lm 840	44	442 1014 115	442 1016 615	7,5
rason-RSAIG/1500	■	LED 6300lm 840	55	445 1024 115	445 1026 615	9,0

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

## HCL

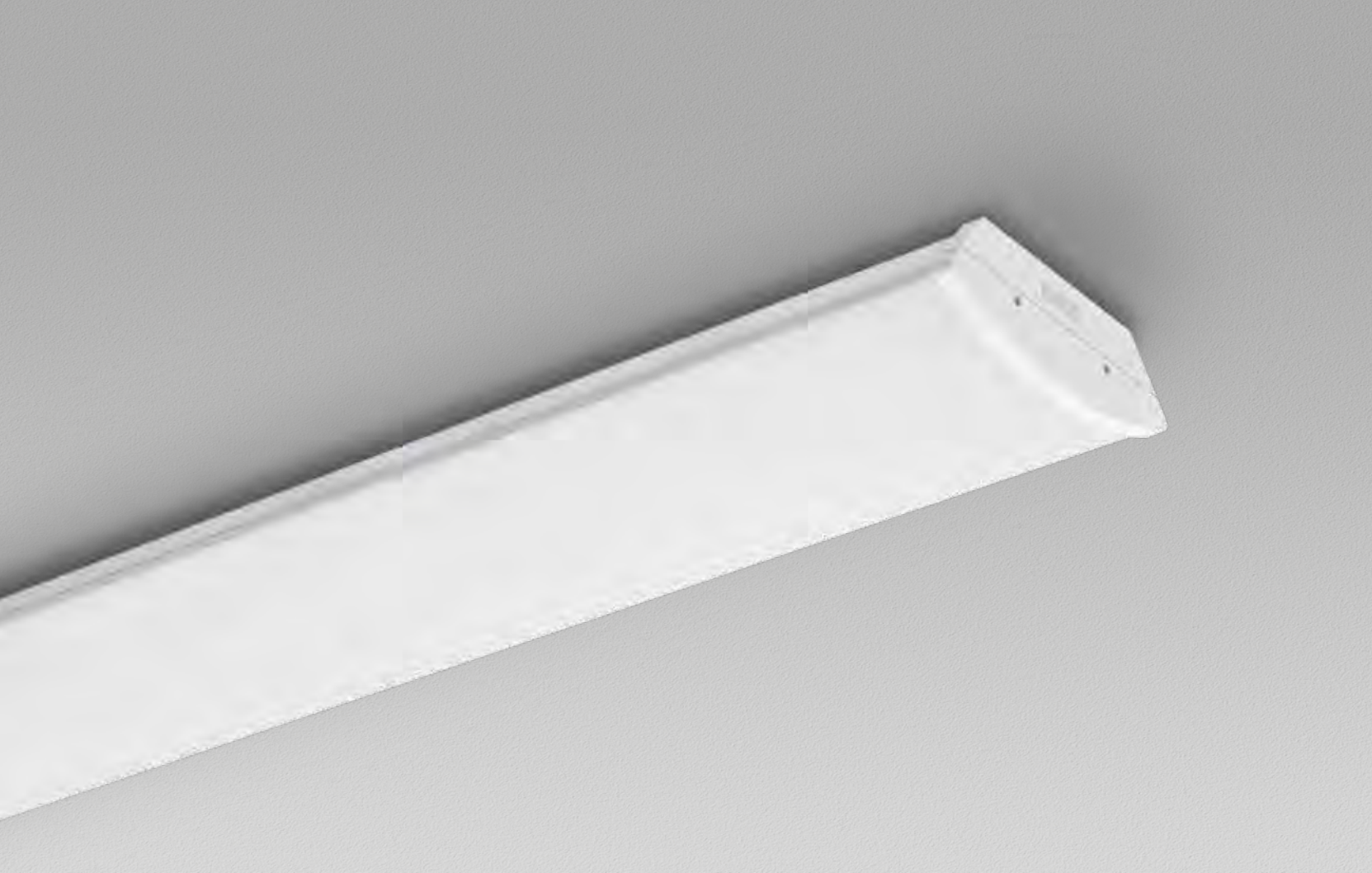
Type	Colour	LED Specification	P <sub>sys</sub> (W)	DALI DT8	kg
rason-RSAIG/1200	■	LED 3700lm 927-965	45	442 4016 915	7,6
rason-RSAIG1500	■	LED 4700lm 927-965	55	445 4026 915	9,1

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












## galant-pro-GPAK

IP44 ⓘ IK04 ⚡<sub>0,50J</sub> <sub>5,00Nm</sub>   

### Housing

Extruded sheet steel trapezoid luminaire body, white polycarbonat end faces. Cable entries near centre of luminaire. Diffuser fixing by engaging; Housing colour traffic white (similar to RAL 9016).

### Lighting technology -GPAK

Direct distribution.

Direct diffuse light distribution using diffuser profile made of white-opal acrylic glass, convex with inner longitudinal prisms, snap-fit white end faces made of UV-stabilised polycarbonate.

Rated life time = L80 B10 50.000h.

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

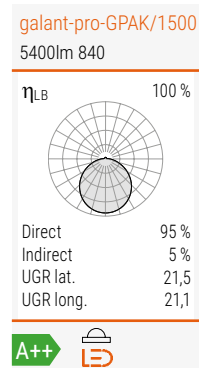
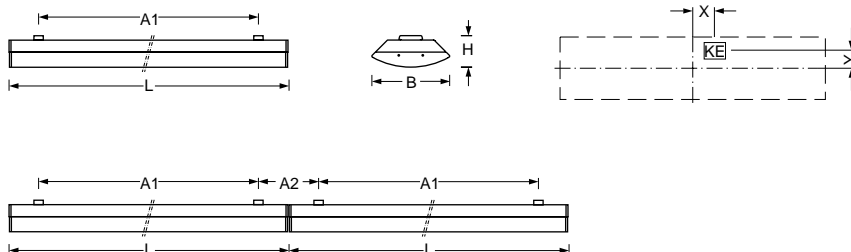
### Miscellaneous

Electrical connection via 3- or 5-pole connection terminal with plug-in contacts.

### Accessories


Suspension set GPA-PS 1700mm must be ordered separately.

Type	L	B	H	A1	A2	X	Y
galant-pro-GPAK/0600	604	218	80	520	234	65	0
galant-pro-GPAK/1200	1204	218	80	900	454	0	0
galant-pro-GPAK/1500	1504	218	80	1100	554	0	0



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
galant-pro-GPAK/0600	<input type="checkbox"/>	LED 2300lm 840	19	216 6214 180	216 6216 680	2,1
galant-pro-GPAK/1200	<input type="checkbox"/>	LED 4300lm 840	36	216 2214 180	216 2216 680	2,8
galant-pro-GPAK/1500	<input type="checkbox"/>	LED 5400lm 840	45	216 5214 180	216 5216 680	3,3

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

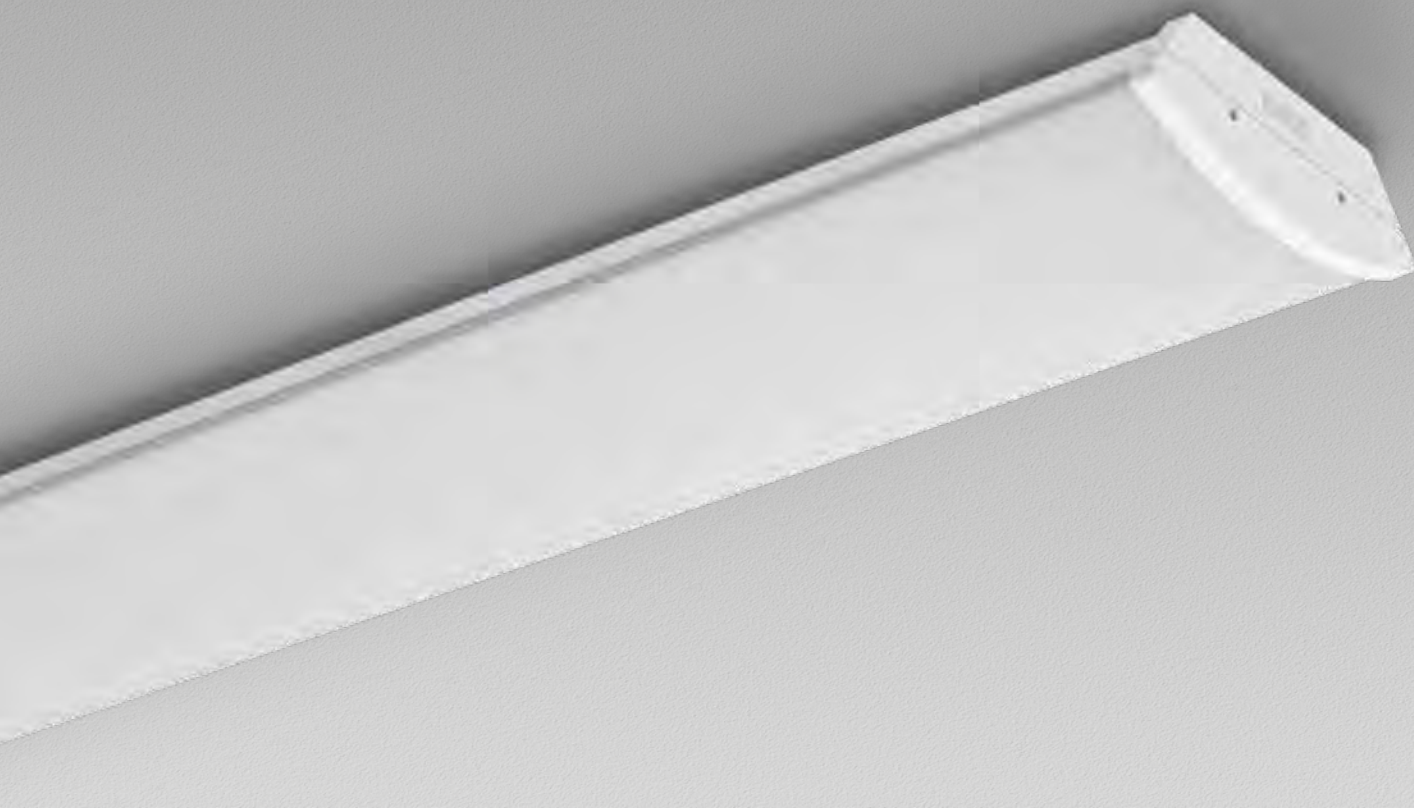
Accessories		Type	Colour	Material	Details	Item-number	
	Suspension set	GPA-PS 3x0,75	<input type="checkbox"/>	Mix	Suspension set ET 3x0,75	216 9003 100	0,6
		GPA-PS 5x0,75	<input type="checkbox"/>	Mix	Suspension set DALI 5x0,75	216 9005 100	0,7





Station 2  
Röntgen





galant-pro-GPAKPC

IP44  IK06    

#### Housing

Extruded sheet steel trapezoid luminaire body, white polycarbonat end faces. Cable entries near centre of luminaire. Diffuser fixing by engaging; Housing colour traffic white (similar to RAL 9016).

#### ighting technology -GPAKPC

Direct distribution.

Direct diffuse light distribution using white-opal diffuser profile made of polycarbonate, convex with inner longitudinal prisms, snap-fit white end faces made of UV-stabilised polycarbonate.

Rated life time = L80 B10 50.000h.

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

#### Miscellaneous

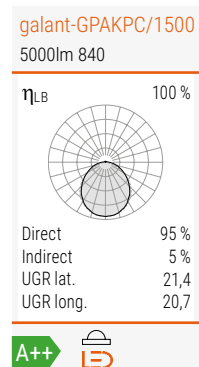
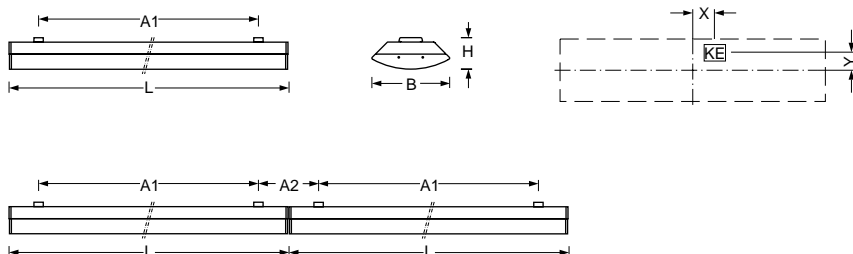
Electrical connection via 3- or 5-pole connection terminal with plug-in contacts.

#### Accessories

Suspension set GPA-PS 1700mm must be ordered separately.



Type	L	B	H	A1	A2	X	Y
galant-pro-GPAKPC/0600	604	218	80	520	234	65	0
galant-pro-GPAKPC/1200	1204	218	80	900	454	0	0
galant-pro-GPAKPC/1500	1504	218	80	1100	554	0	0



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
galant-pro-GPAKPC/0600	<input type="checkbox"/>	LED 2100lm 840	19	216 6214 181	216 6216 681	2,1
galant-pro-GPAKPC/1200	<input type="checkbox"/>	LED 4000lm 840	36	216 2214 181	216 2216 681	2,8
galant-pro-GPAKPC/1500	<input type="checkbox"/>	LED 5000lm 840	45	216 5214 181	216 5216 681	3,3

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

Accessories		Type	Colour	Material	Details	Item-number	 kg
	Suspension set	GPA-PS 3x0,75	<input type="checkbox"/>	Mix	Suspension set ET 3x0,75	216 9003 100	0,6
		GPA-PS 5x0,75	<input type="checkbox"/>	Mix	Suspension set DALI 5x0,75	216 9005 100	0,7









drop

IP40   IK02     

#### Housing

Round luminaire housing of deep-drawn sheet steel..  
Suitable for ceiling- and wall-mounting.

#### Lighting technology

Direct distribution.  
Round, domed acrylic glass diffuser, with opal frosted, smooth surface.  
For VDU workstations according to DIN EN 12464-1,  $65^\circ < 3000\text{cd/m}^2$ .  
Rated life time = L80 B10 50.000h.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.

#### Version ED+S9

With integrated HF motion sensor. Range 1-8m, time setting 30sec - 30min. and brightness threshold value of 2 to 2000lx continuously adjustable. Switching capacity max. 4 luminaires drop 400 or drop 500.

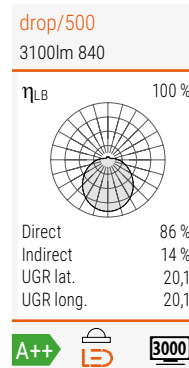
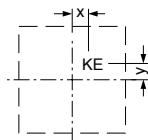
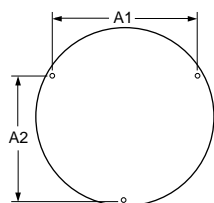
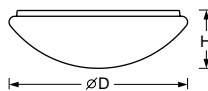
#### Miscellaneous

Electrical connection via 3-pole plug-in connection terminal. With integrated earth conductor connection and unlocking button, suitable for rigid and flexible cables up to 2,5 mm<sup>2</sup>. On request luminaire with integrated emergency inverter 3h.

#### Accessories

Decorative ring sheet steel, silver.

Type	D	H	A1	A2	X	Y
drop/300	302	105	208	180	0	60
drop/400	373	125	272	232	0	77
drop/500	477	150	360	312	0	103



drop + drop-DR



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	kg
drop/300	<input type="checkbox"/>	LED 1100lm 830	9	231 0204 110	0,9
	<input type="checkbox"/>	LED 1200lm 840	9	231 0214 110	0,9
drop/400	<input type="checkbox"/>	LED 2100lm 830	18	231 0124 110	1,4
	<input type="checkbox"/>	LED 2300lm 840	18	231 0134 110	1,4
drop/500	<input type="checkbox"/>	LED 2900lm 830	25	231 0144 110	2,4
	<input type="checkbox"/>	LED 3100lm 840	25	231 0154 110	2,4
	<input type="checkbox"/>	LED 4300lm 830	37	231 0184 110	2,5
	<input type="checkbox"/>	LED 4600lm 840	37	231 0194 110	2,5

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

Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED + S9	kg
drop S9/400	<input type="checkbox"/>	LED 2100lm 830	18	234 0124 110	1,6
	<input type="checkbox"/>	LED 2300lm 840	18	234 0134 110	1,6
drop S9/500	<input type="checkbox"/>	LED 2900lm 830	25	234 0144 110	2,6
	<input type="checkbox"/>	LED 3100lm 840	25	234 0154 110	2,6
	<input type="checkbox"/>	LED 4200lm 830	37	234 0184 110	2,7
	<input type="checkbox"/>	LED 4600lm 840	37	234 0194 110	2,7

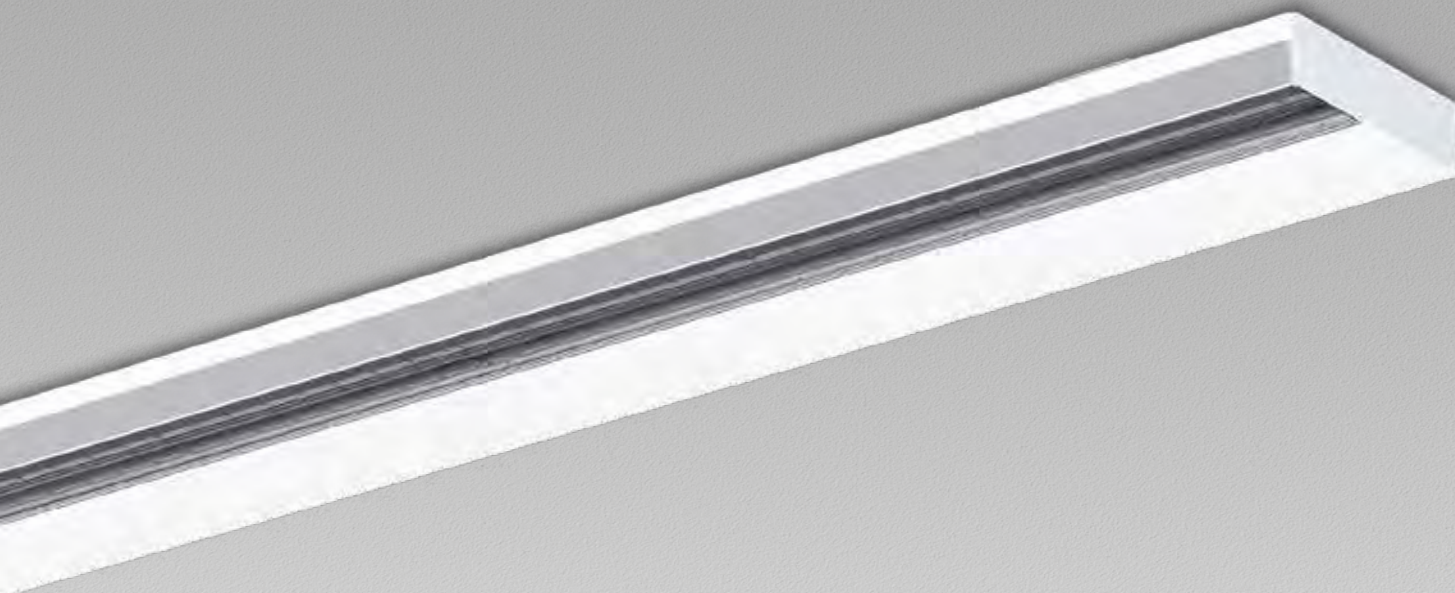
► Please refer to the current data for LED luminaires at [www.lichtwerk.de](http://www.lichtwerk.de)

Accessories	Type	Colour	Material	Details	Item-number	kg
	Dekorative ring	drop-DR 300	St	d 318 mm, h 5mm for drop/300	231 1000 100	0,4
		drop-DR 400	St	d 388 mm, h 5mm for drop/400	231 2000 100	0,4
		drop-DR 500	St	d 492 mm, h 5mm for drop/500	231 3000 100	0,4









## micro-AFA Wallwasher

IP20 ⊕ ⚡ ⚙ ⚠ ⚡ ⚡

### Housing

Housing of sheet steel, powder-coated traffic white (similar to RAL 9016) or painted white aluminium (similar to 9006). LED support unit made from aluminium profile, natural anodised finish, arrangeable as optically continuous light-lines, through easy removable end-caps.

### Lighting technology -AFA

Direct asymmetrical distribution.

Distribution via Fresnel-lens made from PMMA.

Rated life time = L80 B10 50.000h.

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

### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm².

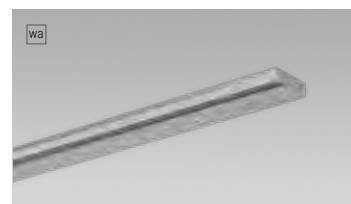
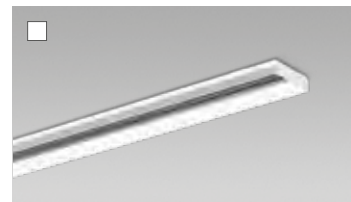
### Accessories

For surface mounting as continuous light-line one through-wiring micro-DV per joint is needed.

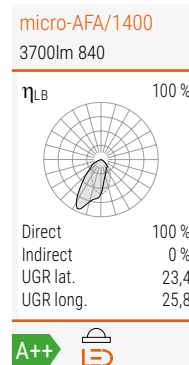
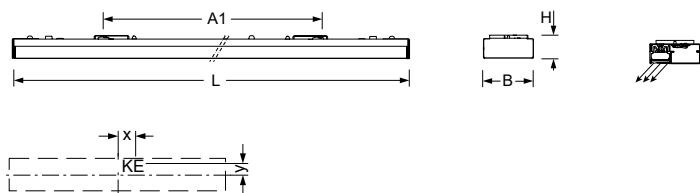
For pendant mounting as single luminaire one mounting kit micro-SAES is required.

For pendant mounting as continuous light-line one mounting kit micro-SAES is needed. Additionally for each joint one suspension micro-SAVS and one through-wiring micro-DV is necessary.

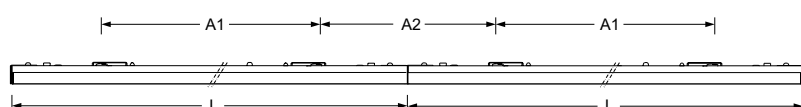
Suspension length 2000mm. Accessories have to be ordered separately.










Type	L	B	H	A1	A2	X	Y
micro-AFA/800	850	82	32	700	148	95	10
micro-AFA/1100	1131	82	32	980	149	0	10
micro-AFA/1400	1412	82	32	1260	150	0	10





#### Light line mounting



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
micro-AFA/800		LED 2300lm 840	20	531 3144 190	531 3146 690	2,0
		LED 2300lm 840	20	531 3144 196	531 3146 696	2,0
micro-AFA/1100		LED 3000lm 840	27	531 4144 190	531 4146 690	2,4
		LED 3000lm 840	27	531 4144 196	531 4146 696	2,4
micro-AFA/1400		LED 3700lm 840	33	531 5144 190	531 5146 690	3,0
		LED 3700lm 840	33	531 5144 196	531 5146 696	3,0

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

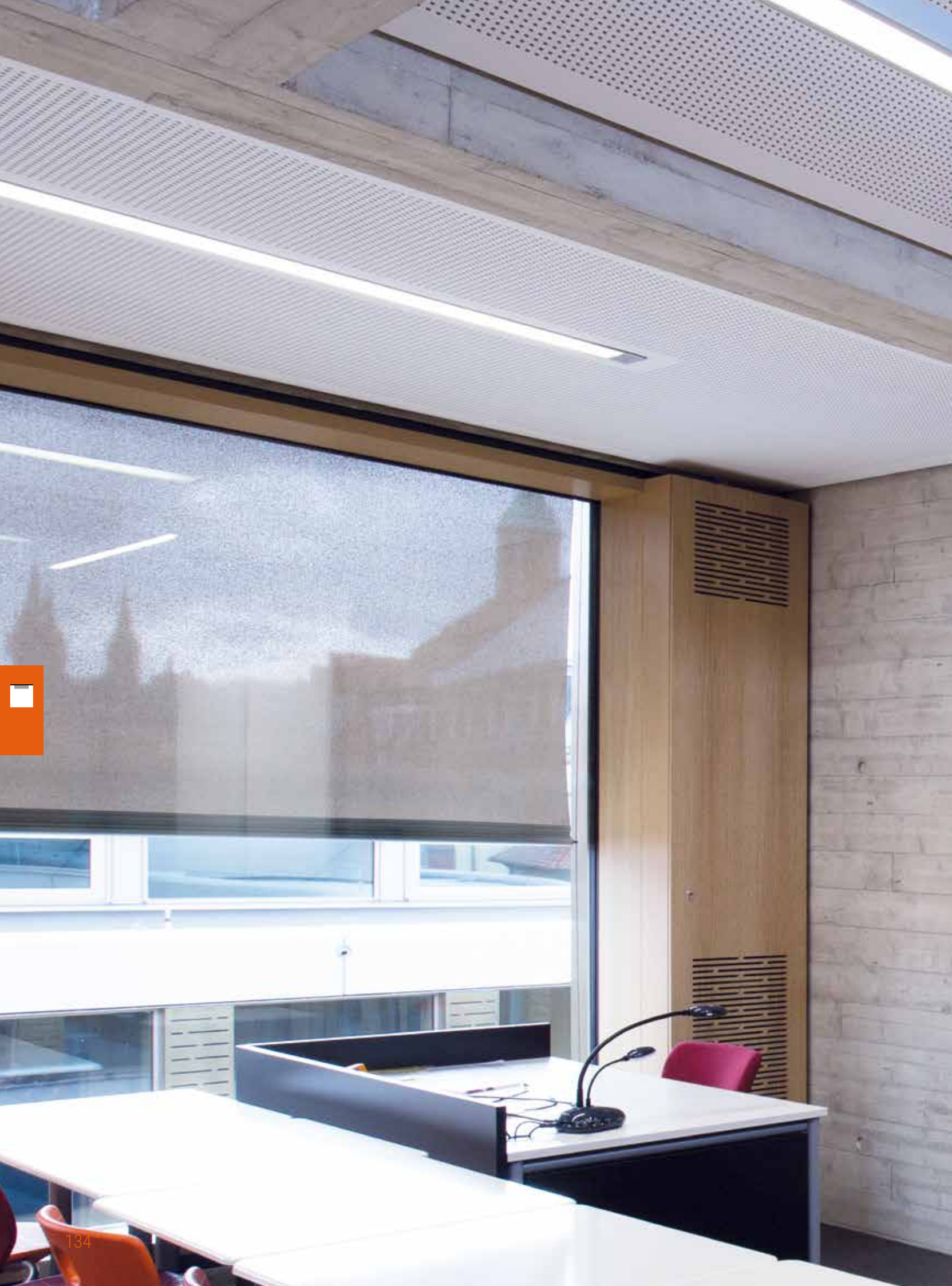
Accessories	Type	Details	Item-number	
	Through wiring	micro-DV	Through wiring set 5 x 1.5 for light-line assembly	531 9000 100
	Suspension set 3-pole	micro-SAES 3x0,75	Suspension set 2000/120 3x0,75	531 0037 105
	Suspension set 5-pole	micro-SAES 5x0,75	Suspension set 2000/120 5x0,75	531 0057 105
	Mechanical connection	micro-SAVS	Wire suspension with mechanical connection 2000/120	531 0000 105

















## scala-AG

IP20     

### Housing

Housing made from sheet steel, powder coated traffic white (similar to RAL 9016), diffuser frame made from aluminium natural anodised or powder coated traffic white (similar to RAL 9016). Different RAL colours and combinations available on request.  
Suitable for ceiling- and wall-mounting.

### Lighting technology -AG

Direct distribution.  
Homogeneous illumination by satinised special acrylic panel, with high transmission. Variant scala-AG LED 3500 for VDU workstations according to DIN EN 12464-1,  $65^\circ < 3000\text{cd/m}^2$ .  
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

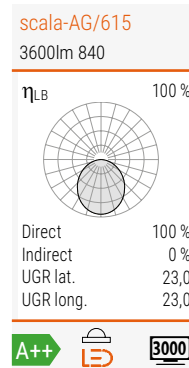
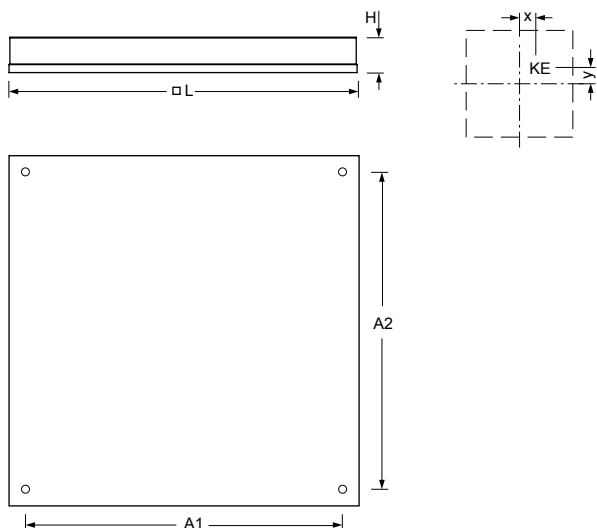
Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to  $2,5\text{mm}^2$ .

### Accessories

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



Type	□L	H	A1	A2	X	Y
scala-AG/380	380	63	260	315	45	157
scala-AG/450	450	63	410	410	40	206
scala-AG/615	615	63	570	570	0	288



scala-AG/380

scala-AG/450

scala-AG/615



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
scala-AG/380		LED 2800lm 840	25	594 3154 180	594 3156 680	3,1
		LED 2800lm 840	25	594 3154 185	594 3156 685	3,1
scala-AG/450		LED 3900lm 840	41	594 2324 180	594 2326 680	3,8
		LED 3900lm 840	41	594 2324 185	594 2326 685	3,8
scala-AG/615		LED 3600lm 840	26	594 1114 180	594 1116 680	6,5
		LED 3600lm 840	26	594 1114 185	594 1116 685	6,5
		LED 5300lm 840	40	594 1214 180	594 1216 680	6,5
		LED 5300lm 840	40	594 1214 185	594 1216 685	6,5

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

Accessories	Type	Colour	Material	Details	Item-number	
	Tool	SH 55		Polymer	Suction pad for scala-AG pane	903 0055 100
						0,1











## linar image II-AMP

IP20     

### Housing

Aluminium profile, natural anodized. Corners with mitred cut.  
Suitable for ceiling- and wall-mounting.

### Lighting technology -AMP

Direct distribution.  
Microprismatic panel with conical glare elimination.  
For VDU workstations  $65^\circ < 3000\text{cd/m}^2$ ,  $\text{UGR} \leq 19$  according to DIN EN 12464-1.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.

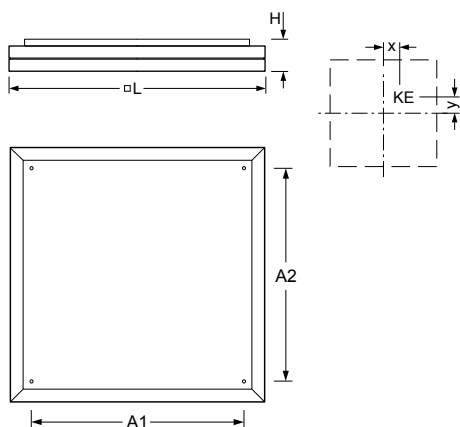
### Miscellaneous

Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to  $2,5\text{mm}^2$ .

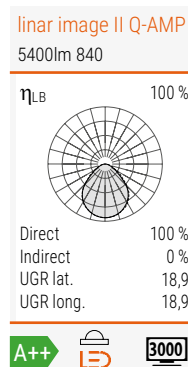
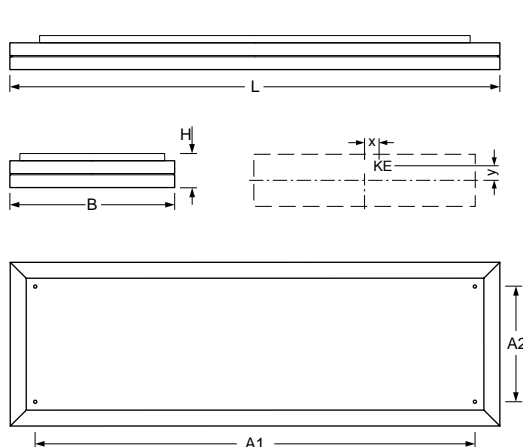


Type	L	B	H	A1	A2	X	Y
linar image II Q-AMP/2700lm	425	425	85	310	310	0	160
linar image II Q-AMP/4400lm	520	520	85	400	400	0	210
linar image II Q-AMP/5400lm	683	683	85	560	560	0	290
linar image II R-AMP/5400lm	1225	412	85	1100	290	0	155

linar image II Q-AMP



linar image II R-AMP



linar image II Q-AMP/2700lm

linar image II Q-AMP/4400lm

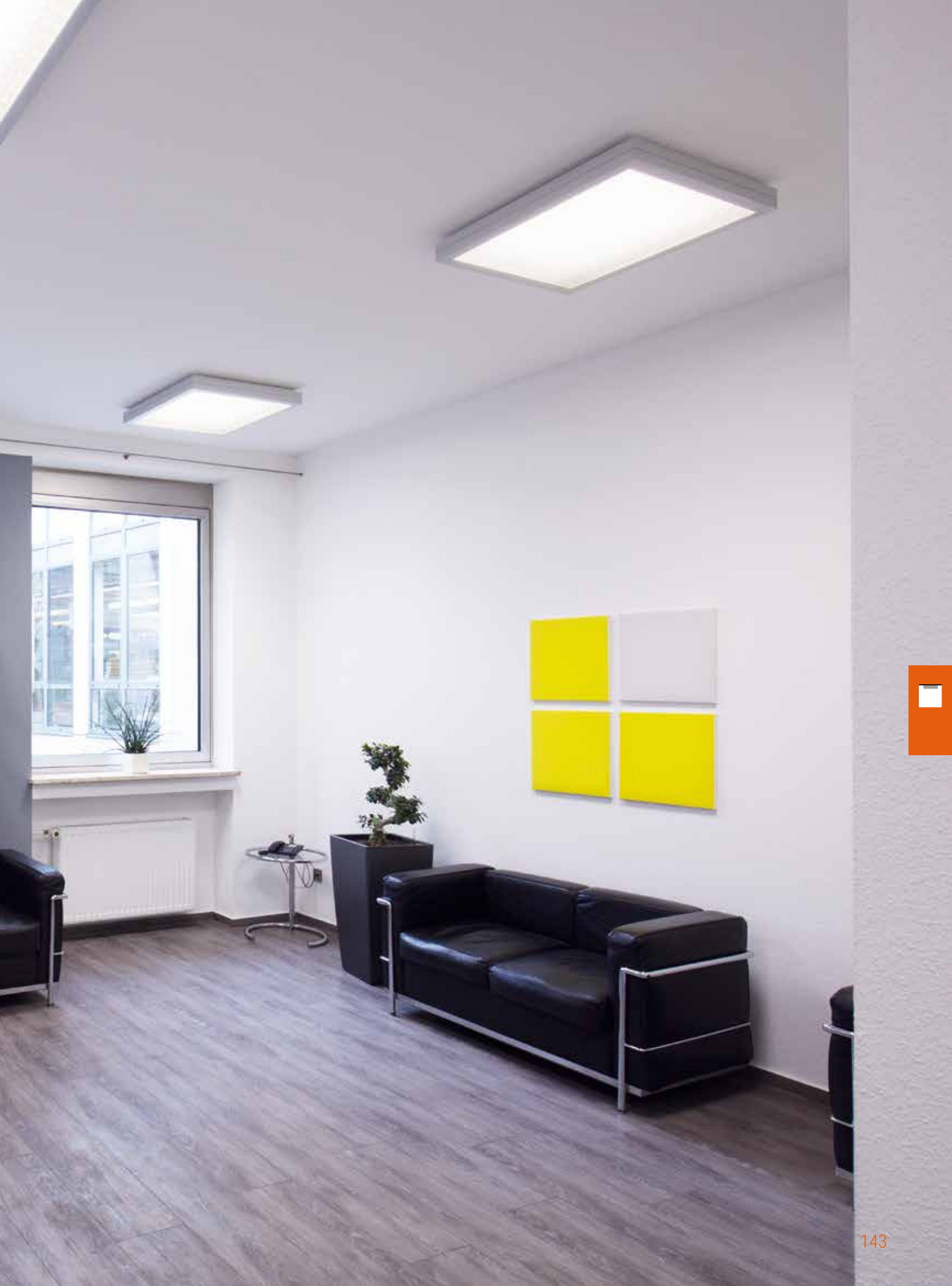
linar image II R-AMP/5100lm



Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	
linar image II Q-AMP		LED 2700lm 840	21	510 1014 195	510 1016 695	3,9
		LED 4400lm 840	41	510 7094 195	510 7096 695	4,7
		LED 5400lm 840	40	510 2024 195	510 2026 695	7,5
linar image II R-AMP		LED 5400lm 840	40	510 3024 195	510 3026 695	9,1

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









## linar image II-AG

IP20    

### Housing

Aluminium profile, natural anodized. Corners with mitred cut.  
Suitable for ceiling- and wall-mounting.

### Lighting technology -AG

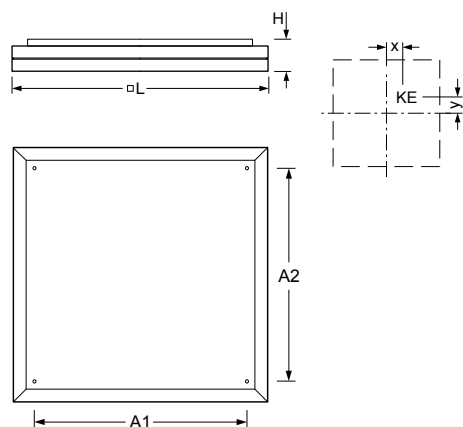
Direct distribution.  
Homogeneous illumination by satinised special acrylic panel, with high transmission.  
Light colour: 4000K. Optional: 3000K. Other light colours on request.

### Miscellaneous

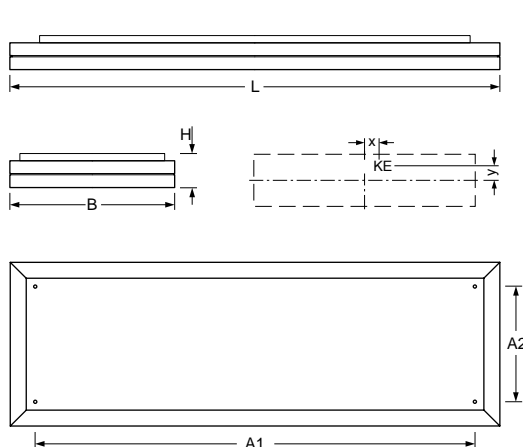
Electrical connection via three-pole or for dimmable luminaires, five-pole feed-in and connection terminal with plug-in technology, with integrated protective earth connection and unlocking button, suitable for rigid and flexible cables up to 2,5mm<sup>2</sup>.

Type	L	B	H	A1	A2	X	Y
linar image II Q-AG/2200lm	425	425	85	310	310	0	160
linar image II Q-AG/3600lm	520	520	85	400	400	0	210
linar image II Q-AG/4200lm	683	683	85	560	560	0	290
linar image II R-AG/4200lm	1225	412	85	1100	290	0	155

linar image II Q-AG

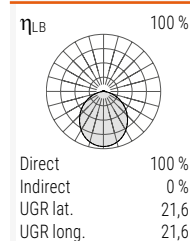


linar image II R-AG



linar image II Q-AG

4200lm 840



A++



linar image II Q-AG/2200lm

linar image II Q-AG/3200lm

linar image II R-AG/4000lm

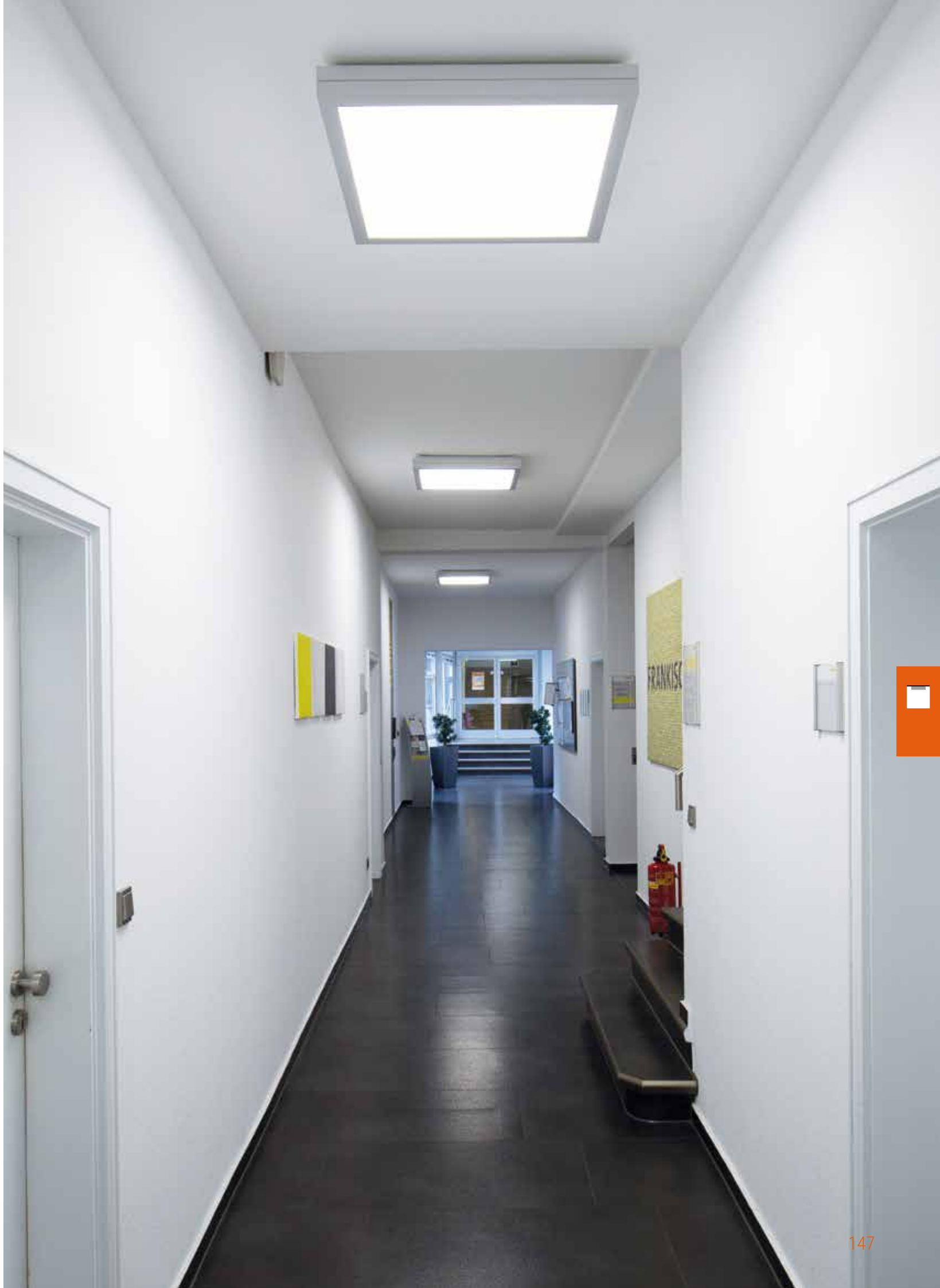


Type	Colour	LED Specification	P <sub>sys</sub> (W)	ED	DALI	kg
linar image II Q-AG	■	LED 2200lm 840	21	510 1014 185	510 1016 685	3,9
	■	LED 3600lm 840	41	510 7094 185	510 7096 685	4,7
	■	LED 4200lm 840	40	510 2024 185	510 2026 685	7,5
linar image II R-AG	■	LED 4200lm 840	40	510 3024 185	510 3026 685	9,1

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









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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.

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