





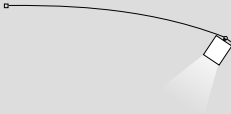
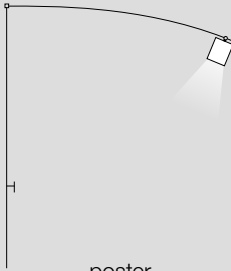



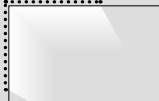
luminaires 12 V

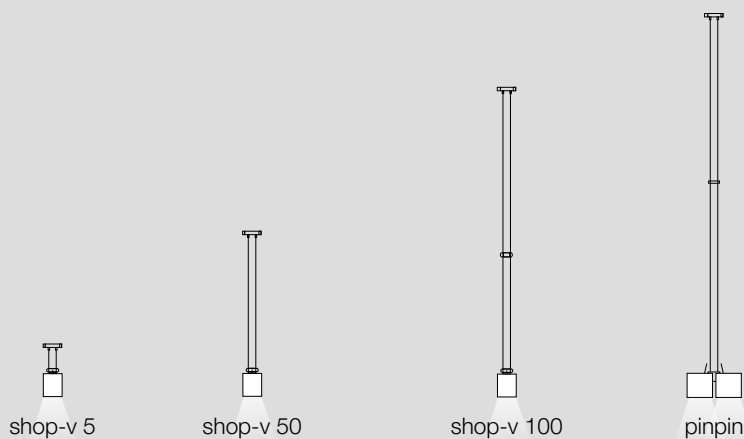
lightlight luminaires

overview

						
max						
max-w						
flex						
spot 5						
shop-w						
shop 13						
wall						
pend						
ceiling						
in						
mono						
see page	50	51	44	64	59	60
LED	70-73	70-73	66-69	66-69	66-69	66-69

		
shop		
poster		
wall		
pend		
ceiling		
in		
mono		
see page	56	53
LED	66-69	66-69

		
led line		
led strip		
wall		
pend		
ceiling		
in		
mono		
see page	47	48
LED		



shop-v 5

shop-v 50

shop-v 100

pinpin



61

62

63

54

66-69

66-69

66-69

66-69

wall track
pendant track
ceiling track
recessed track
individual luminaire
see page
LED



balance 25



balance 50



43

43

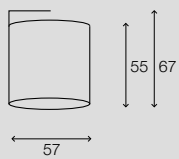
66-69

66-69

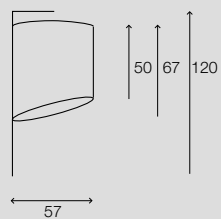
wall track
pendant track
ceiling track
recessed track
individual luminaire
see page
LED

wall track
pendant track
ceiling track
recessed track
individual luminaire
see page
LED

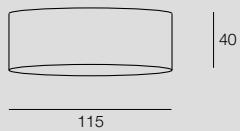
types of shades



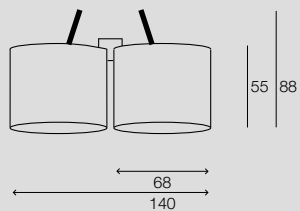
tube
VIVID LED MR16



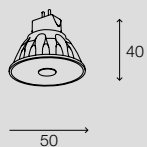
point
VIVID LED MR16



disc 111
VIVID LED AR111

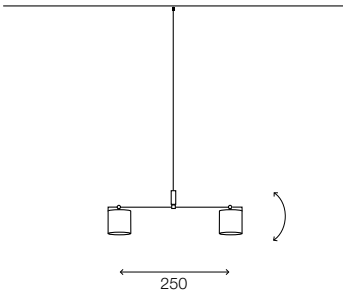


pinpin
VIVID LED MR16






mr16
VIVID LED MR16

light source without shade




balance 25
project luminaire system: pend, rondo

shade article no.

	38202 a
	38202 w
	38202 b

tube

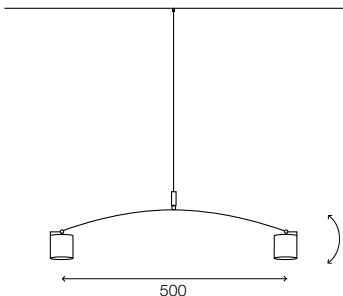
together with light sources:
VIVID LED MR16


38200

mr16
ohne Schirm




together with light sources:
VIVID LED MR16

Design: Hans Buschfeld




balance 50
project luminaire system: pend, rondo

shade article no.

	37602 a
	37602 w
	37602 b

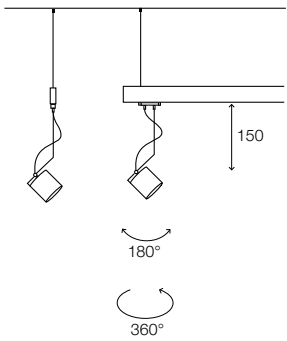
tube

together with light sources:
VIVID LED MR16


37620





mr16
ohne Schirm

together with light sources:
VIVID LED MR16

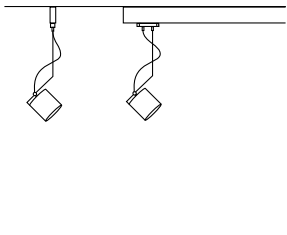



flex
directional spotlight system: ceiling, pend, in

shade article no.





	 32102 a
	 32102 w
	 32102 b

together with light sources:
VIVID LED MR16

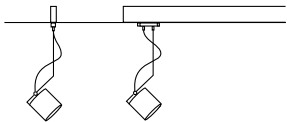


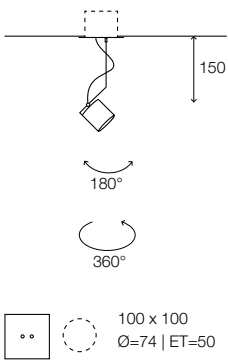


point

 32103 a
 32103 w
 32103 b
 32103 p

together with light sources:
VIVID LED MR16





flex mono recessed

directional spotlight system: mono

shade

article no.



tube

- 28302 a
- 28302 w
- 28302 b

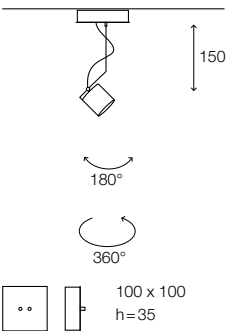
together with light sources:
VIVID LED MR16



point

- 28303 a
- 28303 w
- 28303 b
- 28303 p

together with light sources:
VIVID LED MR16



flex mono surface-mounted

directional spotlight system: mono

shade

article no.



tube

- 29302 a
- 29302 w
- 29302 b

together with light sources:
VIVID LED MR16



point

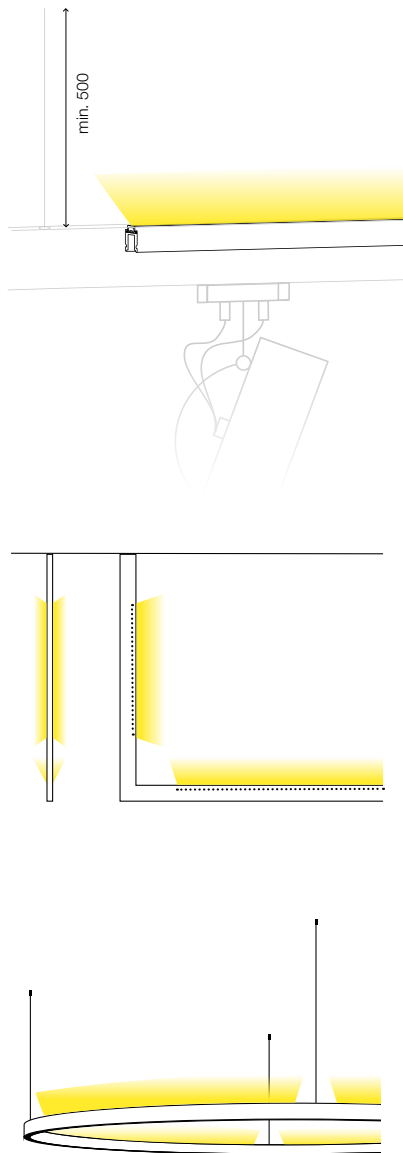
- 29303 a
- 29303 w
- 29303 b
- 29303 p

together with light sources:
VIVID LED MR16

The Flex Mono version for recessed mounting is supplied with wall box and cover plate. The power supply must be ordered separately (page 88). The surface-mounted version is supplied with an integral electronic power supply. Flex Mono spotlights cannot be mounted on walls.



LightLight Pend with Led Line uplight,
luminaire Flex with shade Point



led line uplight

project-related luminaire system: pend, rondo

Lef Line is an uplight module available in different standard dimensions.

It is custom made for projects and pre-installed in LightLight pend track and Rondo ring-shaped track.

In order to be able to make you a detailed offer, we would ask you to send us a sketch indicating the layout of the track and to let us know if you prefer a visible or a concealed power supply unit (48 V).

You can contact us at info@buschfeld.de

- operating voltage: 48 V DC
- Nichia LED
- Energy efficiency class: F
- beam angle 120°
- lifespan: > 60.000 h

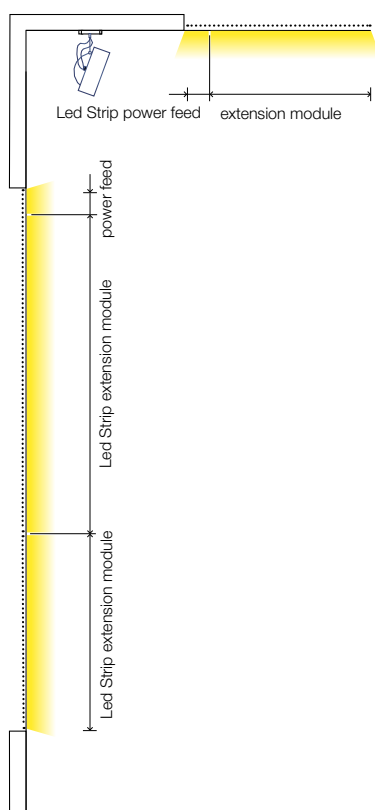
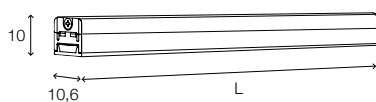
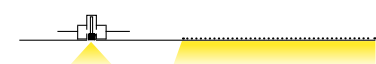
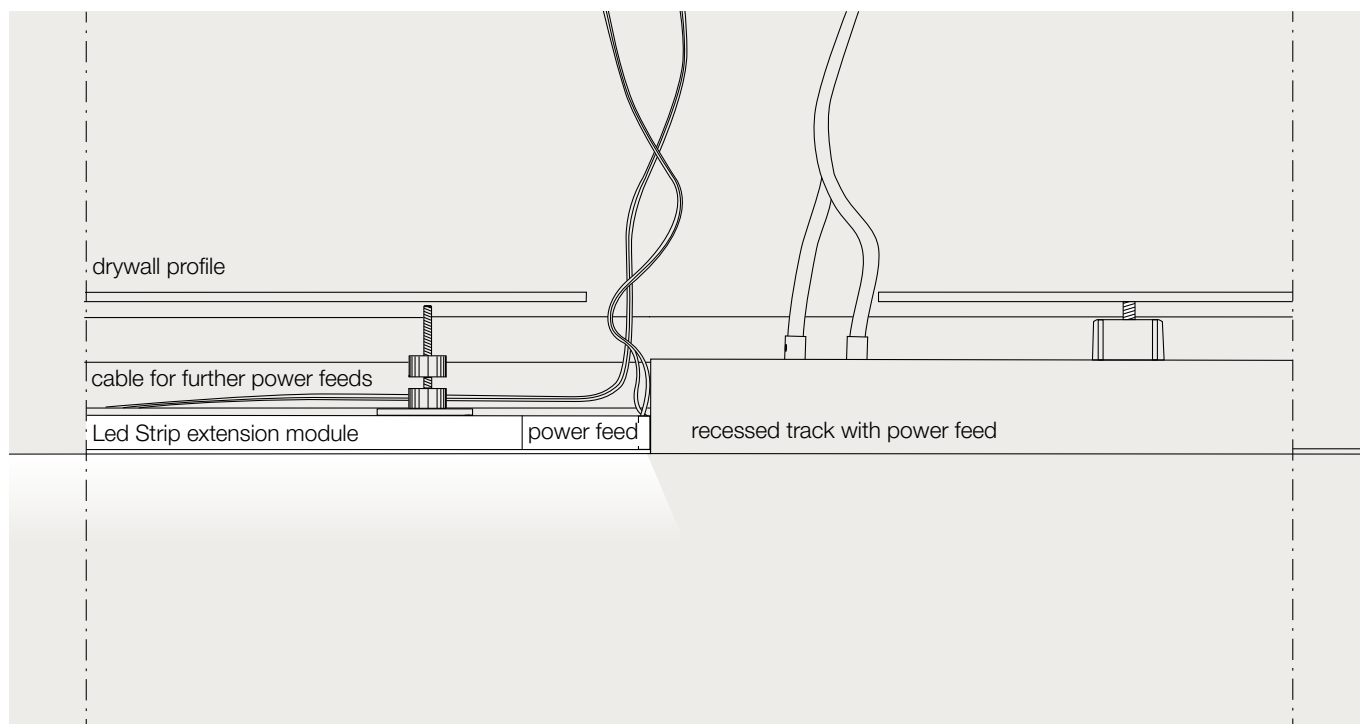
4 options for straight lines

- colour temperature: 2200 K
- power: ~ 29 W/m
- flux: 3315 lm/m
- luminous efficacy: 115 lm/W
- CRI: > 80

- colour temperature: 2700 K
- power: ~ 38 W/m
- flux: 3000 lm/m
- luminous efficacy: 79 lm/W
- CRI: > 90 and $R_g > 50$

- colour temperature: 3000 K
- power: ~ 38 W/m
- flux: 3000 lm/m
- luminous efficacy: 79 lm/W
- CRI: > 90 and $R_g > 50$

- colour temperature: 4000 K
- power: ~ 29 W/m
- flux: 3750 lm/m
- luminous efficacy: 130 lm/W
- CRI: > 90 and $R_g > 50$



led strip

project-related luminaire system: in

Led Strips are extremely slimline linear LED modules of a defined length that can be interconnected without tools using the connectors provided giving rise to clear, clean lines of light.

The Led Strip modules are inserted into the drywall profile in the recessed system (see building components on page 34) and, depending on the design, can alternate with the sections of recessed track.

- operating voltage: 24 V DC, dimmable
- lifespan: 50,000 hours
- Energy efficiency class: G
- colour temperature: 3000 K
- luminous efficacy: 74 lm/W
- protection rating: IP20
- beam angle: 120°
- CRI: $R_a > 90$
- 55 W max. per module combination, then new power feed required!
- supplied with mounting accessories and magnetic clips for latching into place

led strip power feed

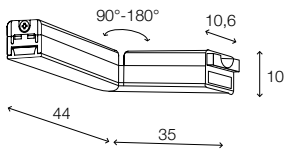
length	power	article no.
38 mm	1 W	99050

led strip extension module, without power feed

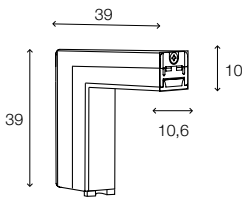
length	flux/ power	article no.
560 mm	533 lm/7 W	99055
839 mm	800 lm/11 W	99085
1118 mm	1058 lm/15 W	99105



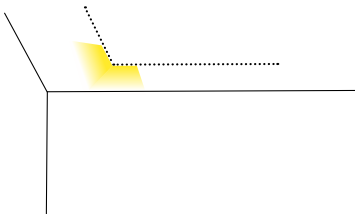
led strip connector



room corner



angle connector



room corner, 90°-180°

length	power	article no.
44 x 35 mm	1 W	99010



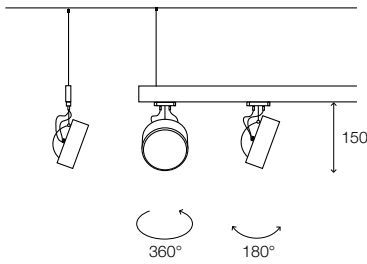
angle connector 90°, on the inside, horizontal-vertical

length	power	article no.
39 x 39 mm	1 W	99020



angle connector 90°, on the outside, horizontal-vertical

length	power	article no.
39 x 39 mm	1 W	99022



max

directional spotlight system: pend, ceiling, in, rondo

shade

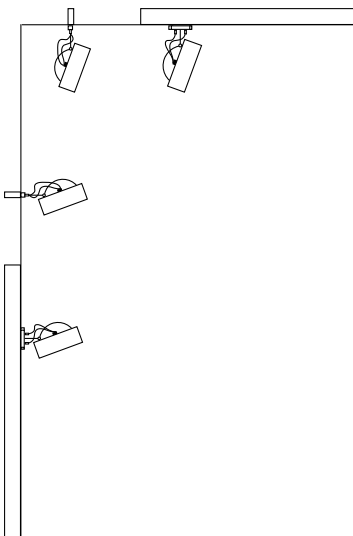
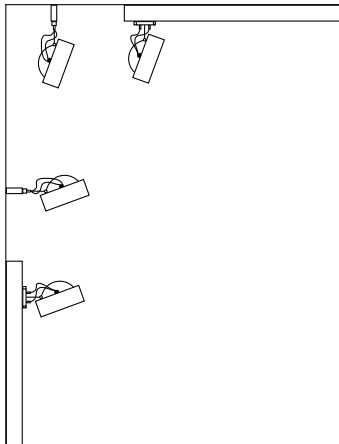
article no.

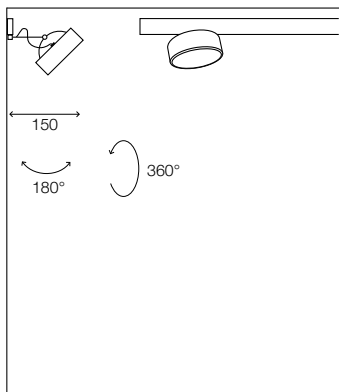


disc 111





- 60050 a
- 60050 w
- 60050 b

together with light sources:
VIVID LED AR111

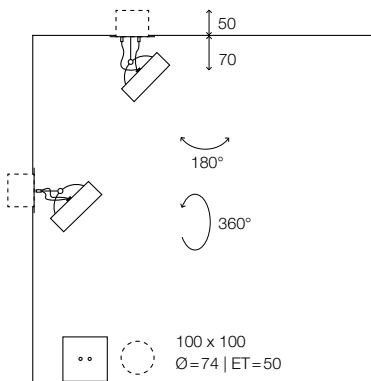
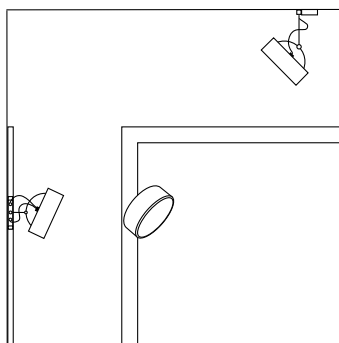




max-w
directional spotlight system: wall

- | shade | article no. |
|---|---|
| 
disc 111 |  60051 a |
| |  60051 w |
| |  60051 b |

together with light sources:
VIVID LED AR111

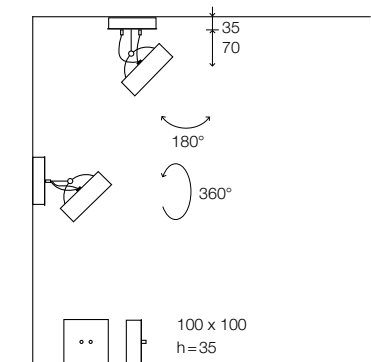


max mono recessed
directional spotlight system: mono





- | shade | article no. |
|---|---|
| 
disc 111 |  25050 a |
| |  25050 w |
| |  25050 b |

together with light sources:
VIVID LED AR111

Recessed version supplied with wall box and cover plate.
Power supply must be ordered separately (page 88).

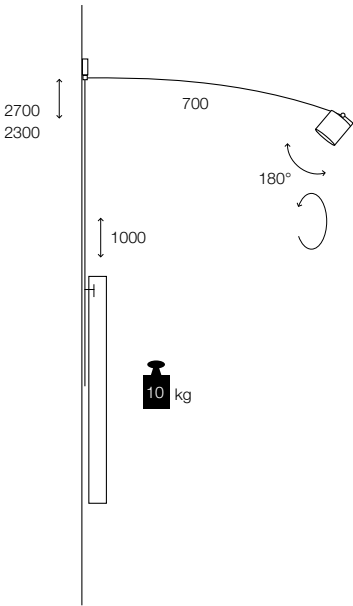


max mono surfaced-mounted
directional spotlight system: mono

- | shade | article no. |
|---|---|
| 
disc 111 |  26050 a |
| |  26050 w |
| |  26050 b |

together with light sources:
VIVID LED AR111

Surface-mounted version with integral power supply.



poster

picture luminaire system: wall

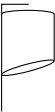
shade

article no.



tube

- 12202 a
- 12202 w
- 12202 b

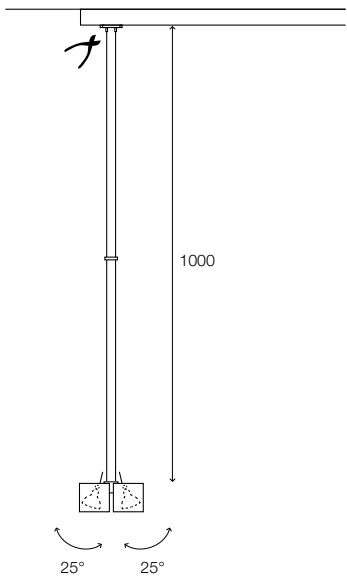


point

- 12203 a
- 12203 w
- 12203 b
- 12203 p

together with light sources:
VIVID LED MR16

together with light sources:
VIVID LED MR16

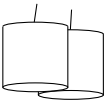


pinpin

table and counter luminaire system: pend, ceiling, in

shade

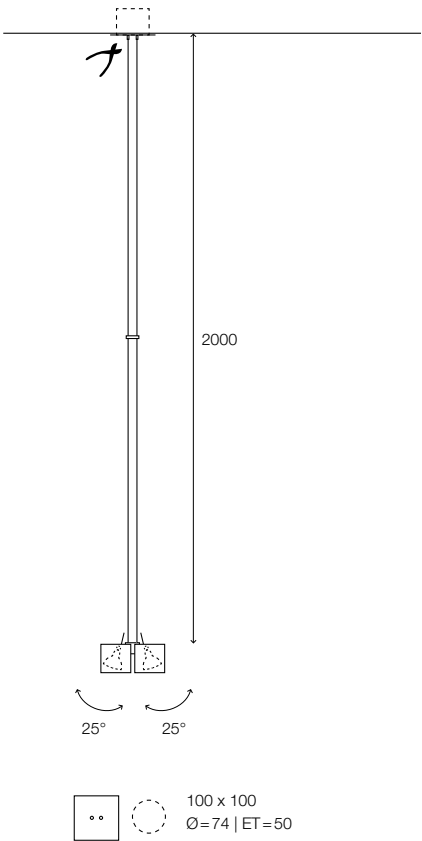
article no.



pinpin

- 33000 a
- 33000 w
- 33000 b

together with light sources:
VIVID LED MR16

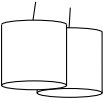


pinpin mono recessed

table and counter luminaire system: mono

shade

article no.

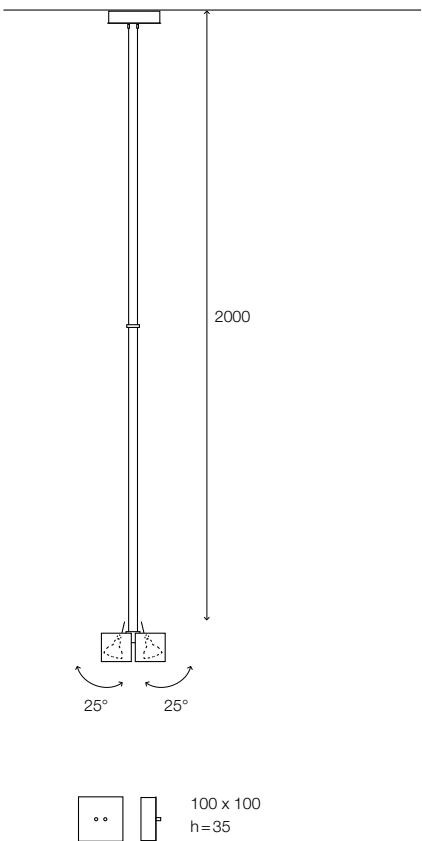


pinpin

- 25000 a
- 25000 w
- 25000 b

together with light sources:
VIVID LED MR16

Recessed version supplied with wall box and cover plate.
Power supply must be ordered separately (page 88).

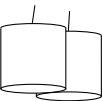


pinpin mono surfaced-mounted

table and counter luminaire system: mono

shade

article no.

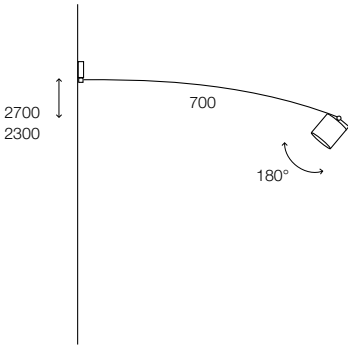


pinpin

- 26000 a
- 26000 w
- 26000 b

together with light sources:
VIVID LED MR16

Surface mounted version with integral power supply.



shop

wall and shelf luminaire system: wall, in

shade

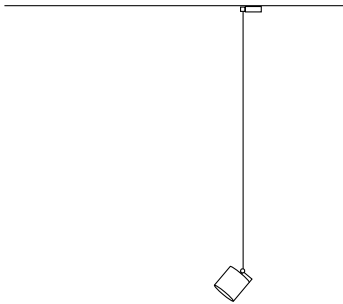
article no.



tube

- 15102 a
- 15102 w
- 15102 b

together with light sources:
VIVID LED MR16

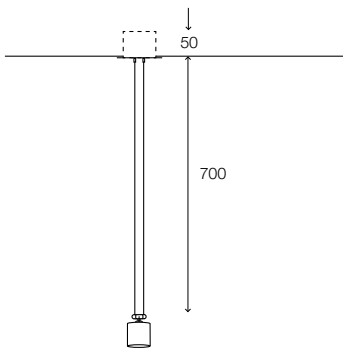


point

- 15103 a
- 15103 w
- 15103 b
- 15103 p





together with light sources:
VIVID LED MR16



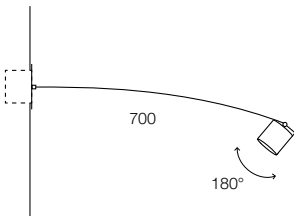




shop mono recessed






wall and shelf luminaire system: mono

shade	article no.
	 25302 a
	 25302 w
	 25302 b

together with light sources:
VIVID LED MR16



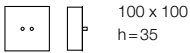
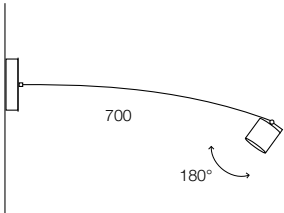
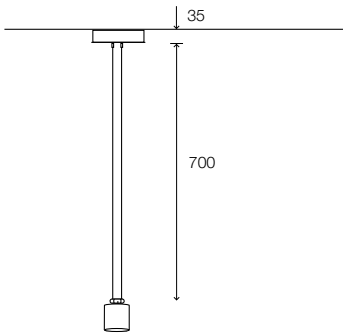
  100 x 100
Ø=74 | ET=50

	 25303 a
	 25303 w
	 25303 b
	 25303 p

together with light sources:
VIVID LED MR16





point

Recessed version supplied with wall box and cover plate.
Power supply must be ordered separately (page 90).








shop mono surfaced-mounted

wall-mounted and pendant luminaire system: mono

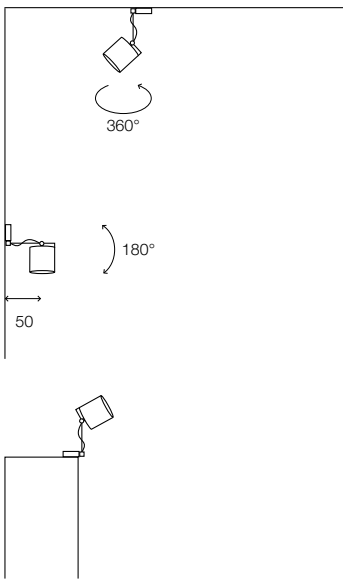
shade	article no.
	 26302 a
	 26302 w
	 26302 b

together with light sources:
VIVID LED MR16





	 26303 a
	 26303 w
	 26303 b
	 26303 p

together with light sources:
VIVID LED MR16

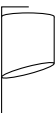




Surface-mounted version with integral power supply.



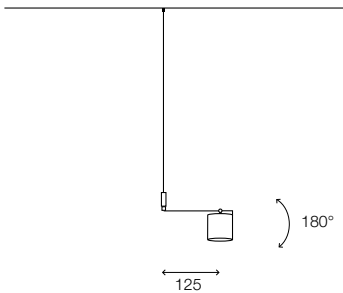
shop-w
wall-mounted luminaire system: wall

- | shade | article no. |
|---|---|
|  |  35951 a |
| |  35951 w |
| |  35951 b |
| tube | |


together with light sources:
VIVID LED MR16

- | | |
|---|---|
|  |  35953 a |
| |  35953 w |
| |  35953 b |
| |  35953 p |
| point | |

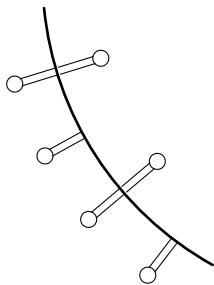
together with light sources:
VIVID LED MR16



shop 13
project luminaire system: rondo

shade	article no.
	35102 a
	35102 w
	35102 b

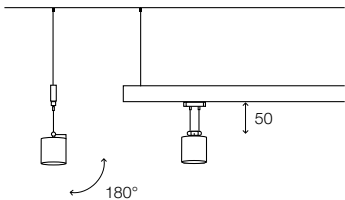
together with light sources:
VIVID LED MR16




mr16
ohne Schirm

35100
together with light sources:
VIVID LED MR16

in combination with Balance 25



shop-v 5

wall and shelf luminaire system: pend, ceiling, in, rondo, wall*

shade

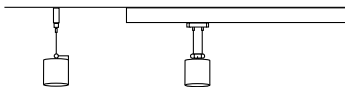
article no.



tube

- 35302 a
- 35302 w
- 35302 b

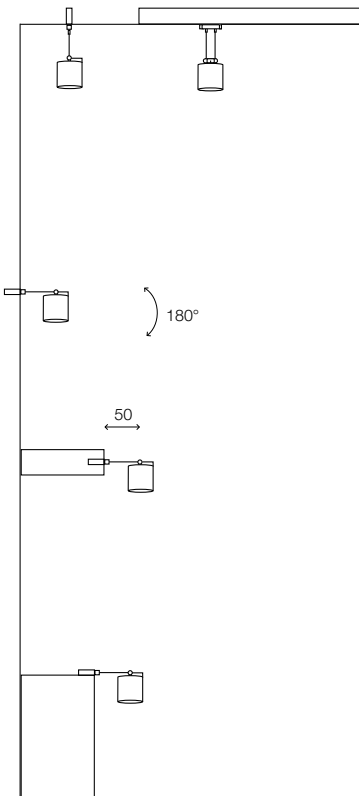
together with light sources:
VIVID LED MR16



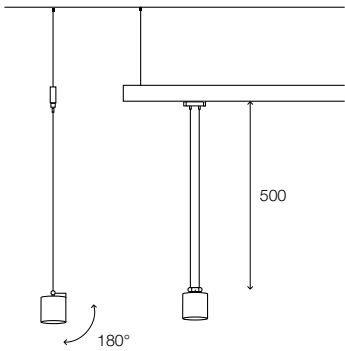
mr16
ohne Schirm

35300

together with light sources:
VIVID LED MR16



**wall applied for a custom solution, e.g. for mounting on/in furniture

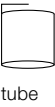


shop-v 50

wall and pendant luminaire system: pend, ceiling, in, wall*

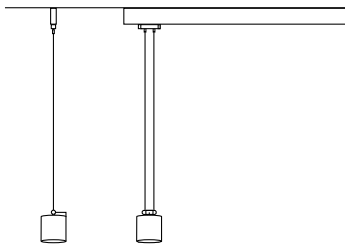
shade

article no.



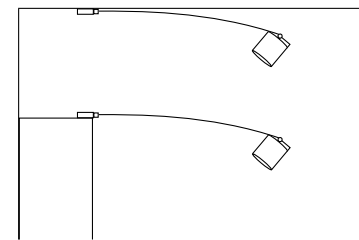
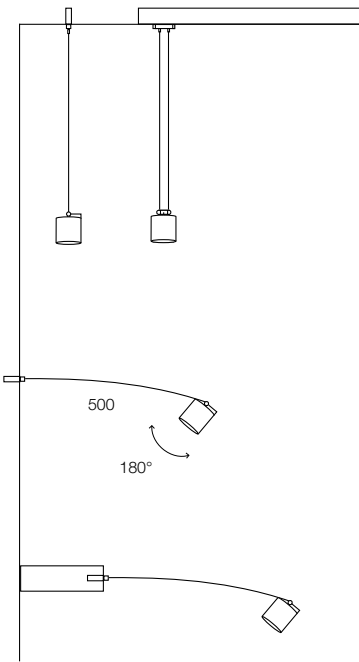
- 35352 a
- 35352 w
- 35352 b

together with light sources:
VIVID LED MR16

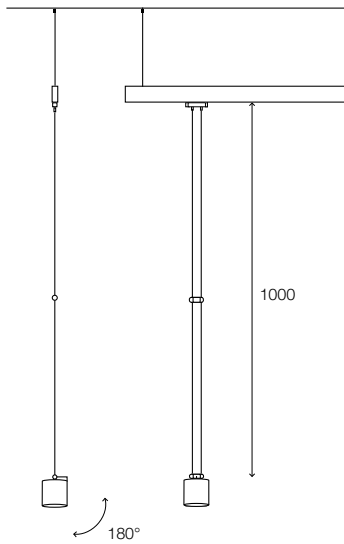


- 35353 a
- 35353 w
- 35353 b
- 35353 p

together with light sources:
VIVID LED MR16



*wall applied for a custom solution: ceiling-mounted, and mounted on/in furniture



shop-v 100

table and counter luminaire system: pend, ceiling, in

shade

article no.



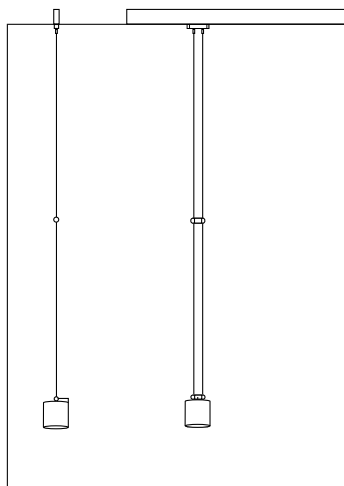
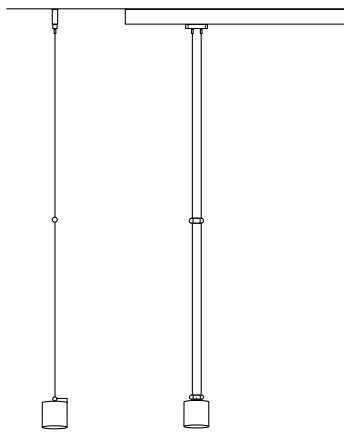
tube

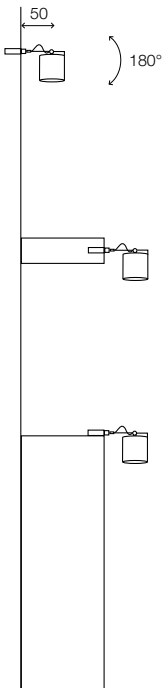
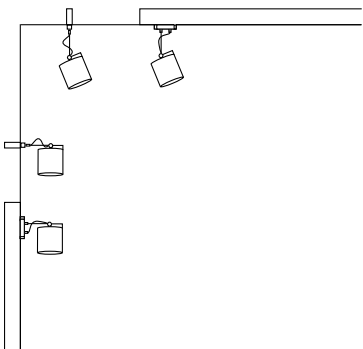
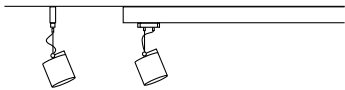
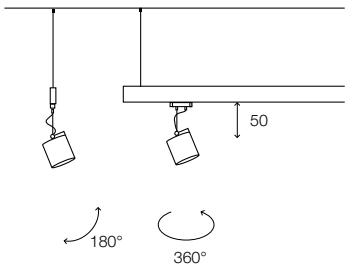
● 35602 a

○ 35602 w

● 35602 b

together with light sources:
VIVID LED MR16





spot 5

directional spotlight system: pend, ceiling, in, rondo

shade

article no.



tube

- 32402 a
- 32402 w
- 32402 b

together with light sources:
VIVID LED MR16



point

- 32403 a
- 32403 w
- 32403 b
- 32403 p

together with light sources:
VIVID LED MR16

light sources



VIVID LED MR16

LED lamp QR-CBC51, GU5.3

- Ø 50 mm, L = 45,5 mm
- single source LED with single shadow for enhanced perception of textures and materials
- precise light distribution with very little spill
- CRI: $R_a > 95$ and $R_g \geq 95$
- excellent colour stability
- excellent white colour rendering
- long lifespan with 35000 h or 50 TSD switching cycles
- no UV/infrared radiation
- automatic power reduction in the event of overheating
- dimmable (observe recommended dimming levels!) to 20 %
- ignition time <0,2 secs
- energy efficiency class G

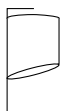
- Lux¹ = illuminance at the centre of the light source measured at the respective distance
- Lux² = illuminance at the edge of the beam of light

Technical data subject to change.
Current product specifications can be found
at www.soraa.com

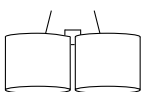
for shade types



tube



point



pinpin

technical data

7,5 W/25° 2700					7,5 W/36° 2700				
m	Ømm	Lux ¹	Lux ²		m	Ømm	Lux ¹	Lux ²	
1	400	2260	1130		1	600	1070	535	
2	900	565	283		2	1300	268	134	
04-306					04-307				
9 W/25° 2700					9 W/36° 2700				
m	Ømm	Lux ¹	Lux ²		m	Ømm	Lux ¹	Lux ²	
1	400	2570	1285		1	600	1210	605	
2	900	642	321		2	1300	302	151	
04-330					04-331				
7,5 W/25° 3000					7,5 W/36° 3000				
m	Ømm	Lux ¹	Lux ²		m	Ømm	Lux ¹	Lux ²	
1	400	2400	1200		1	600	1130	565	
2	900	600	300		2	1300	282	141	
04-314					04-315				
9 W/25° 3000					9 W/36° 3000				
m	Ømm	Lux ¹	Lux ²		m	Ømm	Lux ¹	Lux ²	
1	400	2700	1350		1	600	1280	640	
2	900	675	338		2	1300	320	160	
04-334					04-335				

Kelvin	lumen	lm/W	wattage beam angle	neadcode	article no.
2700 K	410	55	7,5 W/25°	00931	04-306
2700 K	410	55	7,5 W/36°	00943	04-307
2700 K	465	52	9 W/25°	00955	04-330 *
2700 K	465	52	9 W/36°	00963	04-331 *
3000 K	435	58	7,5 W/25°	00935	04-314
3000 K	435	58	7,5 W/36°	00947	04-315
3000 K	490	54	9 W/25°	00959	04-334 *
3000 K	490	54	9 W/36°	00967	04-335 *

* not to be used in recessed downlights or enclosed housings



VIVID LED MR16 Snap system

LED lamp QR-CBC51, GU5.3

- Ø 50 mm, L = 45,5 mm
- single source LED with single shadow for enhanced perception of textures and materials
- precise light distribution with very little spill
- CRI: $R_a > 95$ and $R_g \geq 95$
- excellent colour stability
- excellent white colour rendering
- long lifespan with 35000 h or 50 TSD switching cycles
- no UV/infrared radiation
- automatic power reduction in the event of overheating
- dimmable (observe recommended dimming levels!) to 20 %
- ignition time <0,2 secs
- energy efficiency class G

In addition to the above-mentioned features this 10° LED light source disposes over a self-centering magnet which allows a wide range of filters or honeycomb louvers to be clicked into place without tools. It is also possible to adjust the beam angle simply from 10° to 36°, for example, and to change the shape of the beam from circular to rectangular. The Snap system cuts down storage costs, given that only one type of light source needs to be ordered and used for multiple applications. Maximum flexibility up to the time of installation. Filters can be applied on a temporary basis for effect. Different combinations of filters can be applied. 10 % brightness loss should be reckoned for every filter applied.

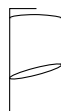
- Lux¹ = illuminance at the centre of the light source measured at the respective distance
- Lux² = illuminance at the edge of the beam of light

Technical data subject to change.
Current product specifications can be found at www.soraa.com

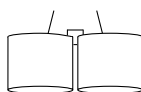
for shade types



tube



point



pinpin

technical data

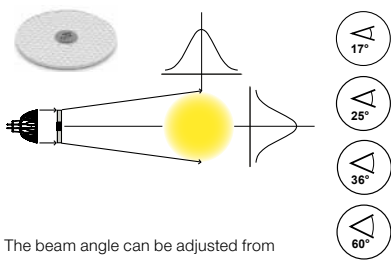
7,5 W/10° 2700			
m	Ømm	Lux ¹	Lux ²
1	200	5710	2855
2	300	1428	714
04-328			

7,5 W/10° 3000			
m	Ømm	Lux ¹	Lux ²
1	200	6000	3000
2	300	1500	750

04-332

Kelvin	lumen	lm/W	wattage beam angle	neadcode	article no.
2700 K	390	52	7,5 W/10°	00919	04-328
3000 K	410	55	7,5 W/10°	00923	04-332

More information on Snap system filters can be found on the following pages.

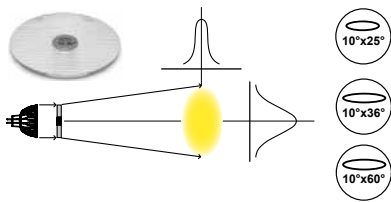


The beam angle can be adjusted from 10° to 17°, 25°, 36° or 60°.
Ø 50 mm, T=2 mm

beam angle circular

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.
17°	03263	409
25°	00325	410
36°	00327	411
60°	00329	412

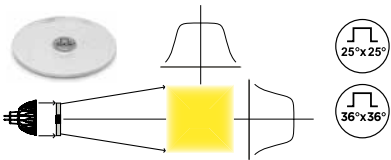


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
Ø 50 mm, T=2 mm

beam angle oval

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.
10° x 25°	00331	413
10° x 36°	00333	414
10° x 60°	03259	418

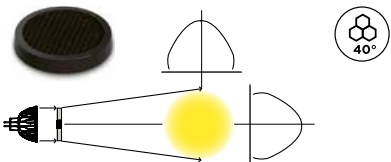


The circular shape of the 10° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No fading light along the edges.
Ø 50 mm, T=2 mm

beam angle rectangular

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.
25° x 25°	00335	415
36° x 36°	00337	416

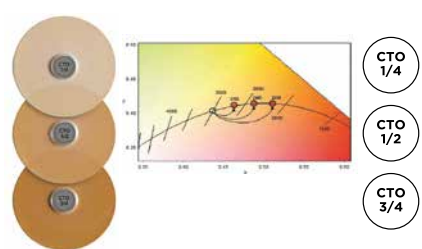


For glare control
Ø 51.1 mm, T=9 mm

honeycomb louvre

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.
40°	00339	417



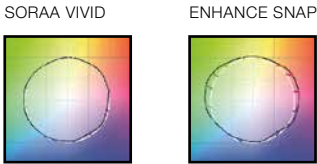
For shifting the colour temperature to simulate dimmable warm white lighting conditions. Also on a temporary basis, for example on festive occasions.
Ø 50 mm, T=2 mm

Effect achieved:			
Initial colour temp.	1/4 CTO	1/2 CTO	3/4 CTO
2700 K	2450 K	2200 K	2000 K
3000 K	2700 K	2400 K	2200 K

shifting colour temperature

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

CTO	neadcode	article no.
Colour Temperature Orange		
1/4	00323	400
1/2	00321	401
3/4	00319	402



Filter for enhanced colour quality. Increases the vibrance of warm colours (red, orange and pink) and green. Ideal for applications where different colours need to be rendered perfectly. Underscores the richness of colours.
Ø 50 mm, T=2 mm

colour enhancement filter

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.
03281	405

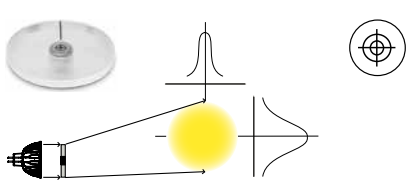


For application with coloured foil or dichroic filters to generate special atmospheres or effects.
Ø 50 mm, T=2 mm

transparent filter

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.
02183	403

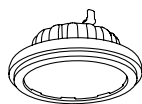


Using two rotatable filter discs, the filter can change the beam spread from 0° to 20° without changing the colour temperature or the beam shape.
Ø 50 mm, T=2 mm

filter disc

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.
03255	404

**VIVID LED AR111**

aluminium lamp QR111, GU53

for shade types

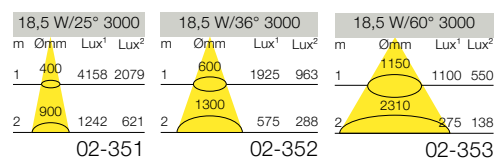
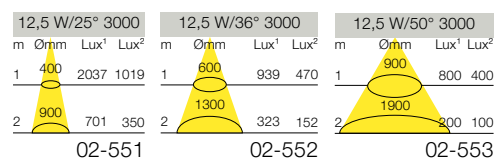
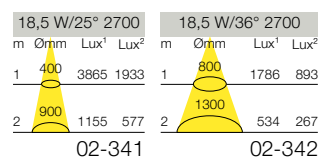
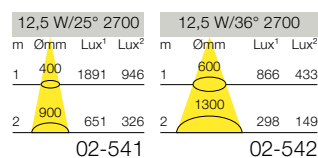


disc 111

- Ø 111 mm, L = 57 mm
- single source LED with single shadow for enhanced perception of textures and materials
- precise light distribution with very little spill
- Ra > 95 and R9 ≥ 95
- excellent colour stability
- excellent white colour rendering
- long lifespan with 35000 h or 50 TSD switching cycles
- no UV/infrared radiation
- automatic power reduction in the event of overheating
- dimmable (observe recommended dimming levels!) to 20 %
- ignition time <0,2 secs
- Lux¹ = illuminance at the centre of the light source measured at the respective distance
- Lux² = illuminance at the edge of the beam of light
- energy efficiency class G

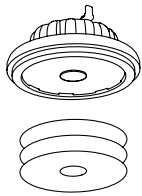
Technical data subject to change.
Current product specifications can
be found at www.soraa.com

technical data



Kelvin	lumens	lm/W	wattage beam angle	neadcode	article no.
2700 K	575	46	12,5 W/25°	01429	02-541
2700 K	575	46	12,5 W/36°	01431	02-542
2700 K	930	50	18,5 W/25°	01027	02-341
2700 K	930	50	18,5 W/36°	01029	02-342
3000 K	620	50	12,5 W/25°	01445	02-551
3000 K	620	50	12,5 W/36°	01447	02-552
3000 K	620	50	12,5 W/50°	01449	02-553 *
3000 K	1000	54	18,5 W/25°	01043	02-351
3000 K	1000	54	18,5 W/36°	01045	02-352

* discontinued product



VIVID LED AR111 Snap system

aluminium lamp QR111, GU53

for shade types



disc 111

- Ø 111 mm
- single source LED with single shadow for enhanced perception of textures and materials
- precise light distribution with very little spill
- Ra > 95 and R9 ≥ 95
- excellent colour stability
- excellent white colour rendering
- long lifespan with 35000 h or 50 TSD switching cycles
- no UV/infrared radiation
- automatic power reduction in the event of overheating
- dimmable (observe recommended dimming levels!) to 20 %
- ignition time <0,2 secs
- energy efficiency class G

In addition to the above-mentioned features of the AR 111, these 8° or 9° LED light sources dispose over a self-centering magnet which allows a wide range of filters or honeycomb louvres to be clicked into place without tools. It is also possible to adjust the beam angle simply from 8°/9° to 36°, for example, and to change the shape of the beam from circular to rectangular.

The Snap system cuts down storage costs, given that only one type of light source needs to be ordered and used for multiple applications. Maximum flexibility up to the time of installation. Filters can be applied on a temporary basis for effect. Different combinations of filters can be applied. 10 % brightness loss should be reckoned for every filter applied.

- Lux¹ = illuminance at the centre of the light source measured at the respective distance
- Lux² = illuminance at the edge of the beam of light

Technical data subject to change.
Current product specifications can be found at www.soraa.com

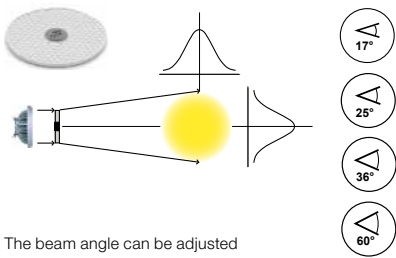
technical data

12,5 W/8° 2700				18,5 W/9° 2700			
m	Ømm	Lux ¹	Lux ²	m	Ømm	Lux ¹	Lux ²
1	100	9467	4734	1	200	17248	8624
2	300	3259	1630	2	300	5152	5276
02-540				02-340			

12,5 W/8° 3000				18,5 W/9° 3000			
m	Ømm	Lux ¹	Lux ²	m	Ømm	Lux ¹	Lux ²
1	100	10211	5106	1	200	18557	9279
2	300	3515	1758	2	300	5543	2772
02-550				02-350			

Kelvin	lumens	lm/W	wattage beam angle	neadcode	article no.
2700 K	575	46	12,5 W/8°	01427	02-540
2700 K	930	50	18,5 W/9°	01025	02-340
3000 K	620	50	12,5 W/8°	01443	02-550
3000 K	1000	54	18,5 W/9°	01041	02-350

More information on Snap system filters can be found on the following pages.

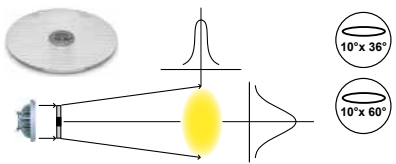


The beam angle can be adjusted from 10° to 17°, 25°, 36° or 60°.
Ø 84 mm, T=3.1 mm

beam angle circular

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

beam angle	neadcode	article no.
17°	03265	439
25°	01145	440
36°	01147	441
60°	01149	442

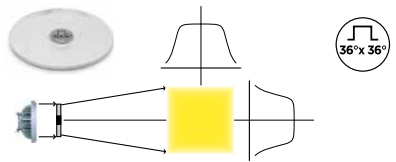


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
Ø 84 mm, T=3.1 mm

beam angle oval

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

beam angle	neadcode	article no.
10° x 36°	01595	444
10° x 60°	03261	445

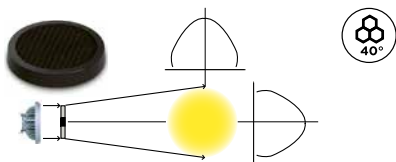


The circular shape of the 10° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No light fade along the edges.
Ø 84 mm, T=3.1 mm

beam angle rectangular

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

beam angle	neadcode	article no.
36° x 36°	01597	451

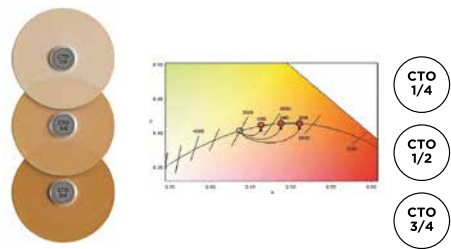


For glare control
Ø 84 mm, T=9 mm

honeycomb louvre

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

beam angle	neadcode	article no.
40°	01151	447



For shifting the colour temperature to simulate dimmable warm white lighting conditions. Also on a temporary basis, for example on festive occasions.

Ø 84 mm, T=3.1 mm

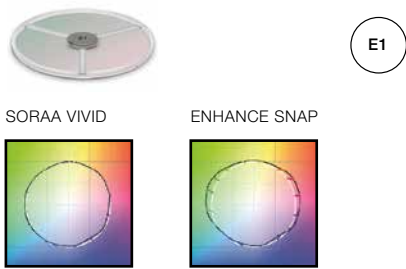
Effect achieved:

Initial colour temp.	1/4 CTO	1/2 CTO	3/4 CTO
2700 K	2450 K	2200 K	2000 K
3000 K	2700 K	2400 K	2200 K

shifting colour temperature

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

CTO	neadcode	article no.
Colour Temperature Orange		
1/4	01153	430
1/2	01155	431
3/4	01157	432



Filter for enhanced colour quality. Increases the vibrance of warm colours (red, orange and pink) and green. Ideal for applications where different colours need to be rendered perfectly. Underscores the richness of colours.

Ø 84 mm, T=3.1 mm

colour enhancement filter

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

neadcode	article no.
03283	450



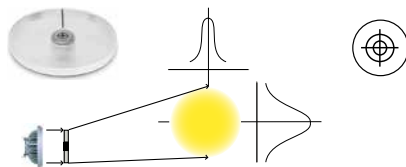
For application with coloured foil or dichroic filters to generate special atmospheres or effects.

Ø 84 mm, T=3.1 mm

transparent filter

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

neadcode	article no.
02185	448



Using two rotatable filter discs, the filter can change the beam spread from 0° to 20° without changing the colour temperature or the beam shape.

Ø 84 mm, T=3.1 mm

filter disc

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) with Snap System

neadcode	article no.
03257	449



ALULINE LED

LED reflector lamp QR-C38, B15d

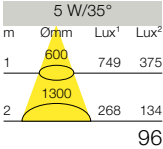
for shade types *

technical data

- 25000 h
 - Ø 37 mm, L= 42 mm
 - LED retrofit light source
 - colour rendering > 92
 - long lifespan
 - no UV/infrared radiation
 - dimmable
 - energy efficiency class G
- Lux¹ = illuminance at the centre of the light source
measured at the respective distance
- Lux² = illuminance at the edge of the beam of light



b15



Kelvin	Lumen	wattage beam angle	article no.
2700 K	240	5 W/35°	96

* Shade type b15 is no longer available.
Aluline LED for light source replacement



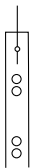
FILAMENT LED

pin-base lamp LED, G4

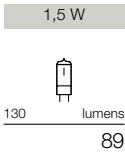
for shade types

technical data

- 25000h
- Ø 9 mm
- L = 20 mm
- 130 lumens (similar to 10W halogen)
- silicone encapsulation
- not dimmable
- energy efficiency class G

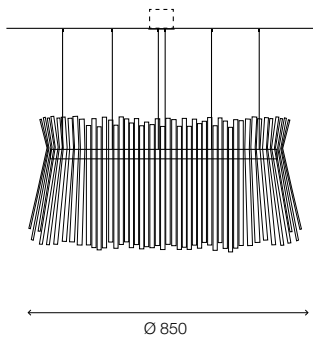


mirror luminaires



Kelvin	Lumen	wattage beam angle	article no.
3000 K	130	1,5 W/330°	89

Creative Collection

**rondo fano 1 recessed**

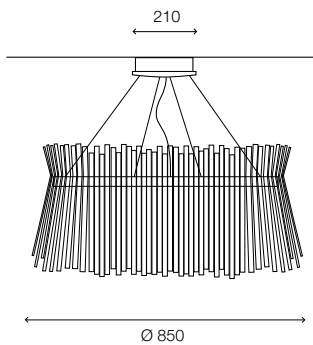
chandelier

article no.

96501

- Ø 850 mm
- 138 handmade transparent borosilicate glass elements
- 4 luminaires sourced with VIVID LEDs
- 4 suspension cables, hollow wall box and cover plate
- incl. electronic transformer (170 x 45 x 35 mm) for concealed mounting

If required, Rondo Fano 1 can be supplied with more luminaires than those listed above. Other diameters are also possible.

**rondo fano 1 surface-mounted**

chandelier

article no.

96701

- Ø 850 mm
- 138 handmade transparent borosilicate glass elements
- 4 luminaires sourced with VIVID LEDs
- 4 suspension cables
- ceiling unit (Ø 210 mm) with integral design transformer

If required, Rondo Fano 1 can be supplied with more luminaires than those listed above. Other diameters are also possible.



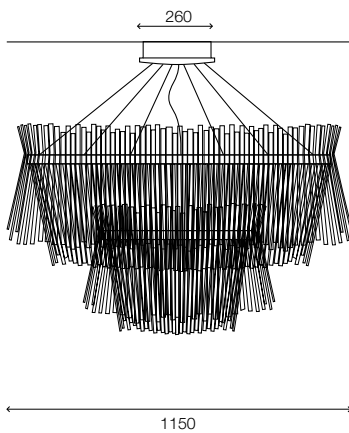
rondo fano 2 recessed
chandelier

article no.

96500

- Ø 1150 mm
- 6 luminaires sourced with VIVID LED
- 300 handmade transparent borosilicate glass elements
- 6 suspension cables, hollow wall box and cover plate
- Incl. electronic transformer (170 x 45 x 35 mm) for concealed mounting

If required, Rondo Fano 2 can be supplied with more luminaires than those listed above. Other diameters are also possible.



rondo fano 2 surface-mounted

chandelier

article no.

96700

- Ø 1150 mm
- 300 handmade transparent borosilicate glass elements
- 6 luminaires sourced with VIVID LED
- 6 suspension cables
- ceiling unit (Ø 260 mm) with integral design transformer

If required, Rondo Fano 2 can be supplied with more luminaires than those listed above. Other diameters are also possible.