

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

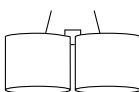
for shade types



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.

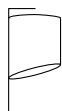
- Lux¹ = illuminance at the centre of the light source measured at the respective distance
- Lux² = illuminance at the edge of the beam of light

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

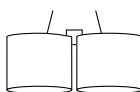
for shade types



tube



point



pinpin

technical data

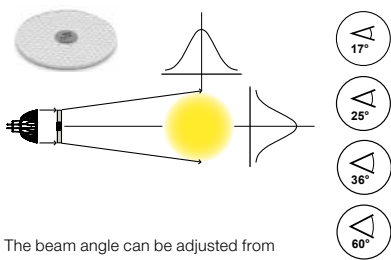
7,5 W/10° 2700			
m	Ømm	Lux ¹	Lux ²
1	200	5710	2855
2	300	1428	714
04-328			

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.

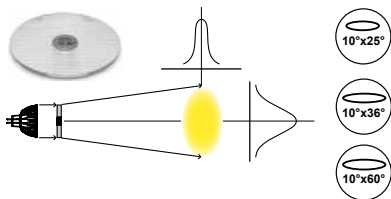


The beam angle can be adjusted from 10° to 17°, 25°, 36° or 60°.
Ø 50 mm, T=2 mm

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

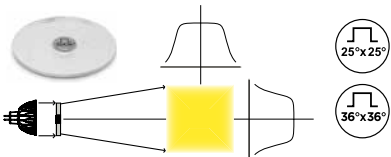


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
Ø 50 mm, T=2 mm

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

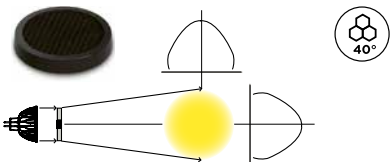


The circular shape of the 10° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No fading light along the edges.
Ø 50 mm, T=2 mm

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

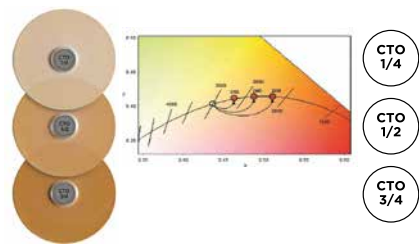


For glare control
Ø 51.1 mm, T=9 mm

honeycomb louvre

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

beam angle	neadcode	article no.
40°	00339	417



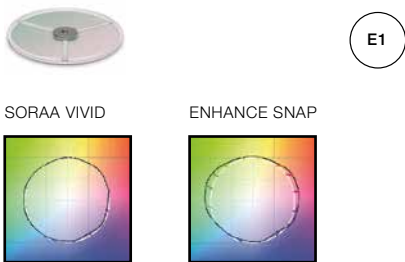
For shifting the colour temperature to simulate dimmable warm white lighting conditions. Also on a temporary basis, for example on festive occasions.
Ø 50 mm, T=2 mm

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

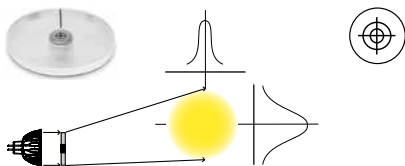


For application with coloured foil or dichroic filters to generate special atmospheres or effects.
Ø 50 mm, T=2 mm

transparent filter

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

neadcode	article no.
02183	403

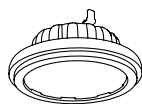


Using two rotatable filter discs, the filter can change the beam spread from 0° to 20° without changing the colour temperature or the beam shape.
Ø 50 mm, T=2 mm

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

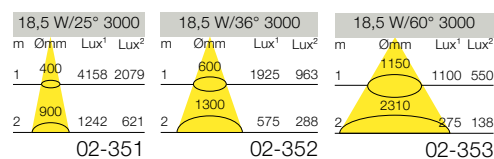
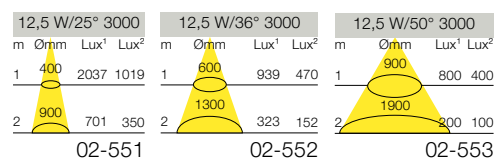
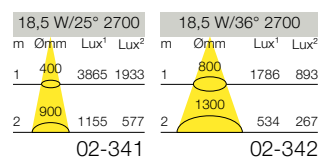
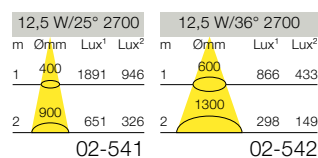


disc 111

- 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

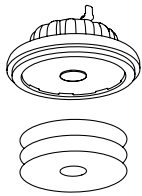
Technical data subject to change.
Current product specifications can
be found at www.soraa.com

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

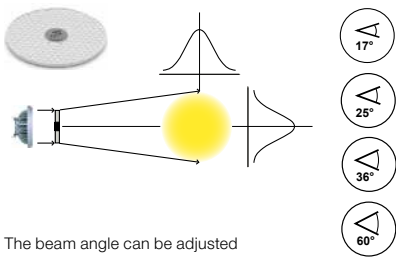
technical data

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.

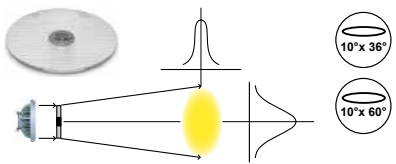


The beam angle can be adjusted from 10° to 17°, 25°, 36° or 60°.
Ø 84 mm, T=3.1 mm

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

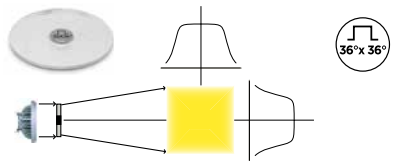


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
Ø 84 mm, T=3.1 mm

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

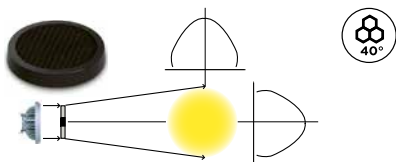


The circular shape of the 10° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No light fade along the edges.
Ø 84 mm, T=3.1 mm

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

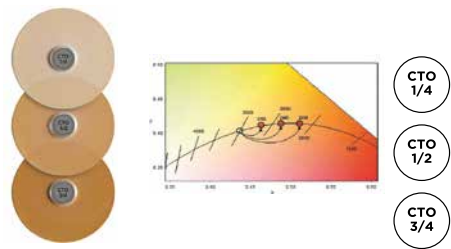


For glare control
Ø 84 mm, T=9 mm

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

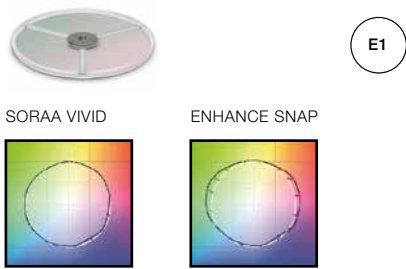
Effect achieved:

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

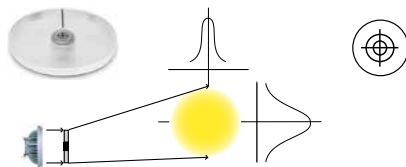


For application with coloured foil or dichroic filters to generate special atmospheres or effects.
Ø 84 mm, T=3.1 mm

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

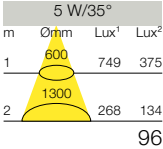
for shade types *

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



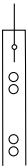
FILAMENT LED

pin-base lamp LED, G4

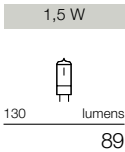
for shade types

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