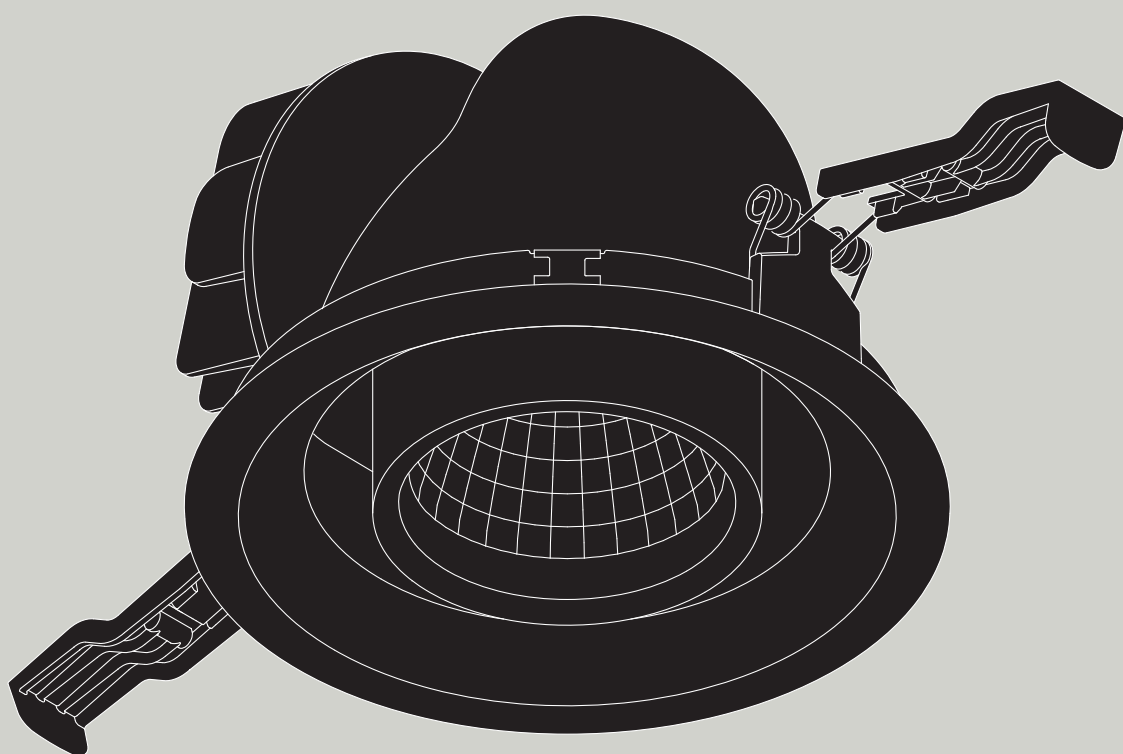


CCTÈVO



TARGETTI

TARGETTI





CCTEvo



FAMILY

Light has a thousand nuances,
infinite tones and extraordinary expressive
power but this intangible entity needs
to be controlled by tools that are able to
adjust it, shape it and direct it.



This is the reason behind the programme
CCTEvo, the new generation recessed,
suspension, ceiling and wall mounted
LED fixtures for professional architectural
lighting. Five different product ranges,
different by function and reunited under
the same name because they come from
the same design platform.

Thanks to the different size optics and design details it is possible to obtain different types of lighting: Diffuse lighting, uniform lighting on vertical planes and Focus lighting.

The entire range has a sober design and particular attention to aesthetic details to ensure that every CCTEvo version becomes part of the architectural space.

mm

Ø214

Ø180

Ø160

Ø140

Ø125

Ø105

Ø78

Ø58

Diffuse lighting

Downlight
UGR/VWFL



Lighting on vertical planes

Wall Washer



Focus lighting

Architectural



Extractable



Gimbal



A broad and extensive programme with different sizes and lumen packages for each range in order to meet different performance needs even within the same project, while still maintaining the same aesthetic coherence. The largest diameter

of 214mm is also perfect for “retrofit” projects with flows of up to 5200lm. The smallest diameter of 58mm allows for wide, soft yet moderate and controlled lighting. Part of the range is available in a Trim version complete with

a finishing ring as well as in a trimless version that totally disappears into the false ceiling.



CCTEvo
Downlight



CCTEvo Tube
Downlight

			Ø214mm	Ø160mm	Ø105mm	Ø78mm	Ø58mm	Ø180mm	Ø140mm
	Versions	Trim							
		Trimless							
	Optical system	Lens							
		Reflector							
	Beam angle	NSP							
		SP							
		FL							
		MWFL							
		WFL							
		WFL URG							
		VWFL							
		WW							
	Source Flux	up to 1000lm							
		1000/1500lm							
		1500/2000lm							
		2000/2500lm							
		2500/3000lm							
		3000/4000lm							
		4000/5000lm							
		5000/6000lm							
	Colour temperature	2700K							
		3000K							
		3500K							
		4000K							
		Tunable White							
	Colour rendering	Ra90							
	Max Installation depth	70mm							
		80mm							
		100mm							
		110mm							
		130mm							
		135mm							
		146mm							
		186mm							
	IP protection rating	IP40							
		IP54 optical housing							



CCTEvo
Wall Washer



CCTEvo
Architectural



CCTEvo
Extractable



CCTEvo
Gimbal

Ø160mm	Ø105mm	Ø58mm	Ø160mm	Ø105mm	Ø78mm	Ø58mm	Ø160mm	Ø125mm	Ø125mm	Ø105mm

CCTEvo Downlight



The best tool for high quality general lighting, ideal for offices and communal areas.

Designing general lighting for a space focuses mainly on horizontal planes, favouring performance, uniformity and complete compliance with reference standards especially when dealing with the workplace. To satisfy this need the CCTEvo Downlight was created.







Available optics



FL



WFL
(UGR)



WFL



VWFL



Source Flux

From 1098lm
to 7530lm



LED source

White LED Ra90 - Ra80
Tunable White Ra90



Colour temperature



2700 K



3000 K



3500 K



4000 K



Tunable white



2700 K

5000 K



2

Finishes



Trimless



Trim



5

Diameters

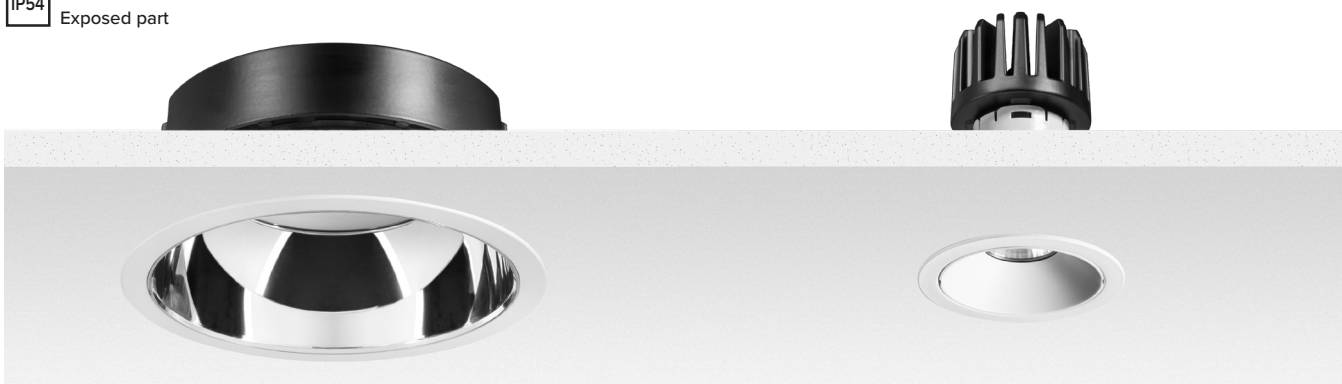
- Different lumen package
for larger diameters
- LED Ra 90 efficiency up to 116lm/W
- LED Ra>80 efficiency up to 132lm/W



Exposed part

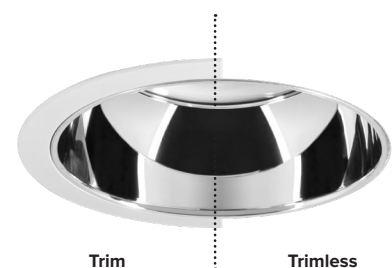
CCTEvo Downlight

The wide range of diameters, lumen packages and colour temperatures allow for total design freedom to provide the right solution to meet every need.





- A Optical compartment IP54**
Suitable for installation in humid environments for aesthetic continuity between indoor and outdoor spaces. The screen combined with a silicone gasket that seals it to the optical unit gives the optical compartment IP54 protection. Installation recess IP20.

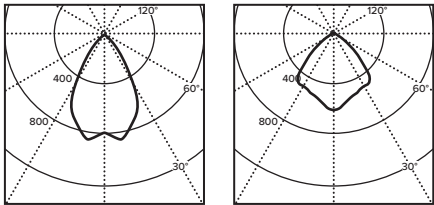
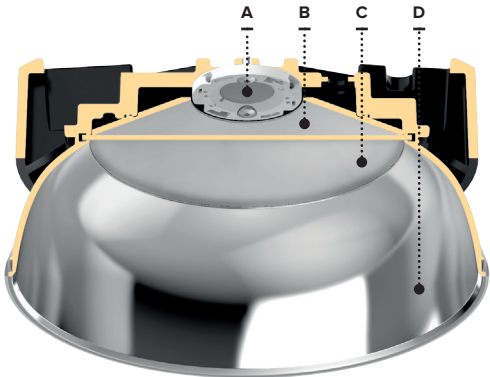


Trim and Trimless Versions
The trim versions are equipped with a thin ring (2 mm) and the trimless versions have no visible ring. Installation is quick and easy. Even in the trimless version the fixture remains perfectly inspectable once it is installed.

WFL URG / VWFL Optics

The versions with larger diameters are equipped with UGR WFL optics that are suitable for installation in offices in accordance with regulation (EN12464-1) for UGR<19 and L65<1000 cd/m² values with VWFL optics for uniform and soft lighting at 360°.

- A LED COB Ra90
- B Highly reflective white thermoplastic internal recuperator
- C Holographic acrylic diffuser screen
- D Deep thermoplastic reflector with reflective metallisation



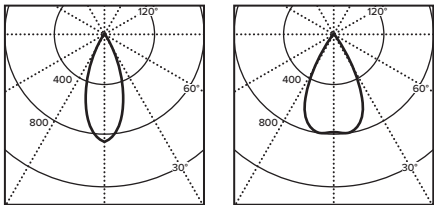
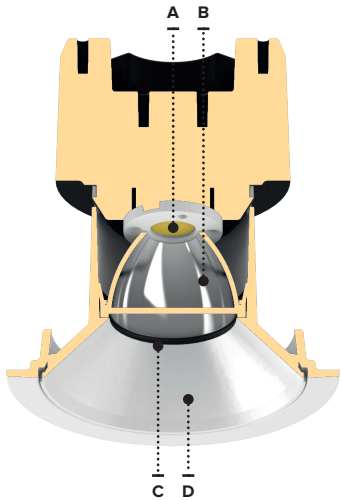
WFL URG VWFL

Optics that are suitable for installation in offices in accordance with regulation (EN12464-1

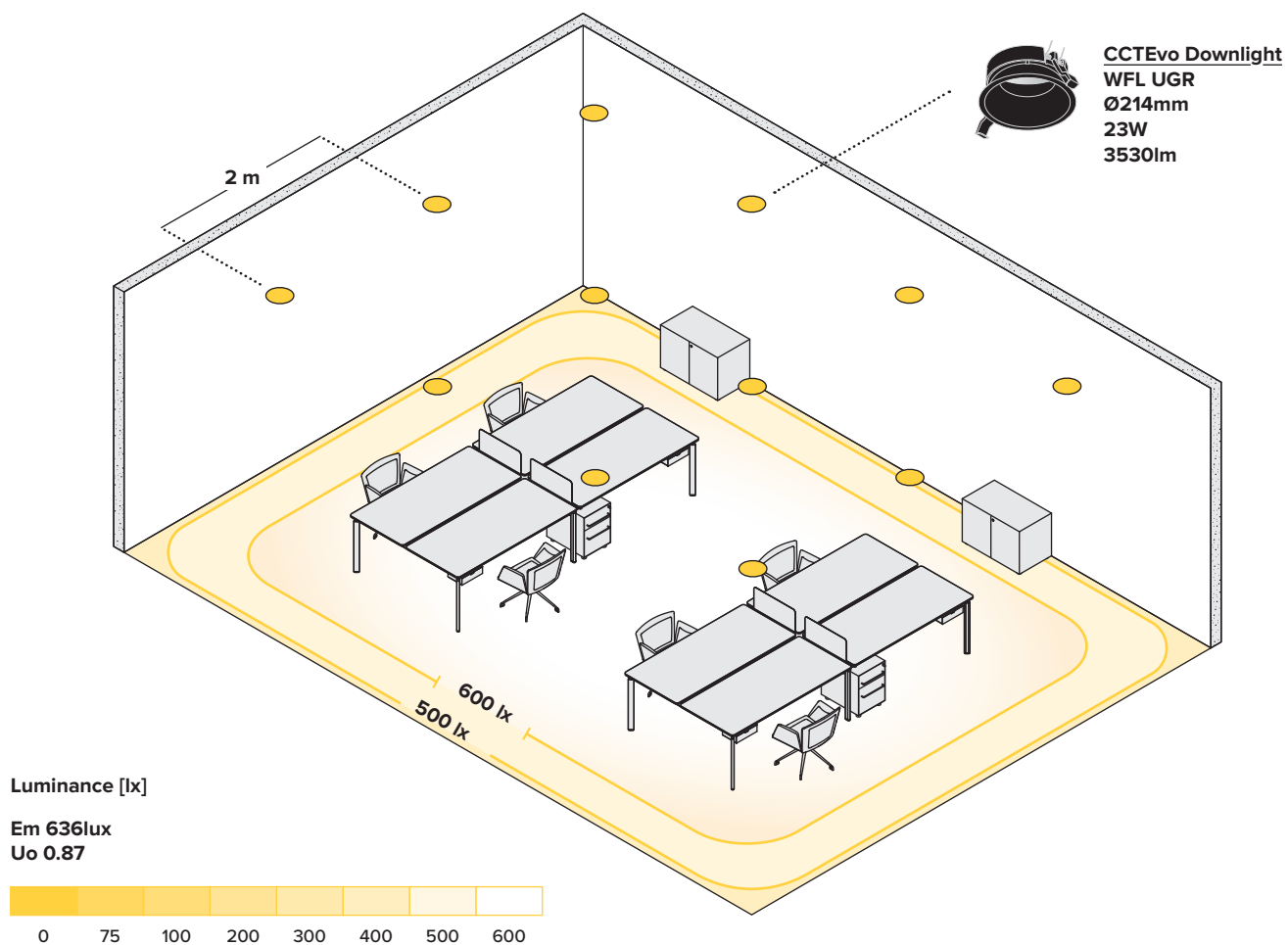
FL / WFL Optics

Versions equipped with FL and WFL optics are suitable for installation in open spaces such as meeting rooms, waiting rooms and corridors.

- A LED COB Ra90
- B Metallic plastic reflector
- C Holographic acrylic diffuser screen
- D Low-luminance, painted Cover Cut Off



FL Ø78 29° 38° FL Ø78 39° 55°



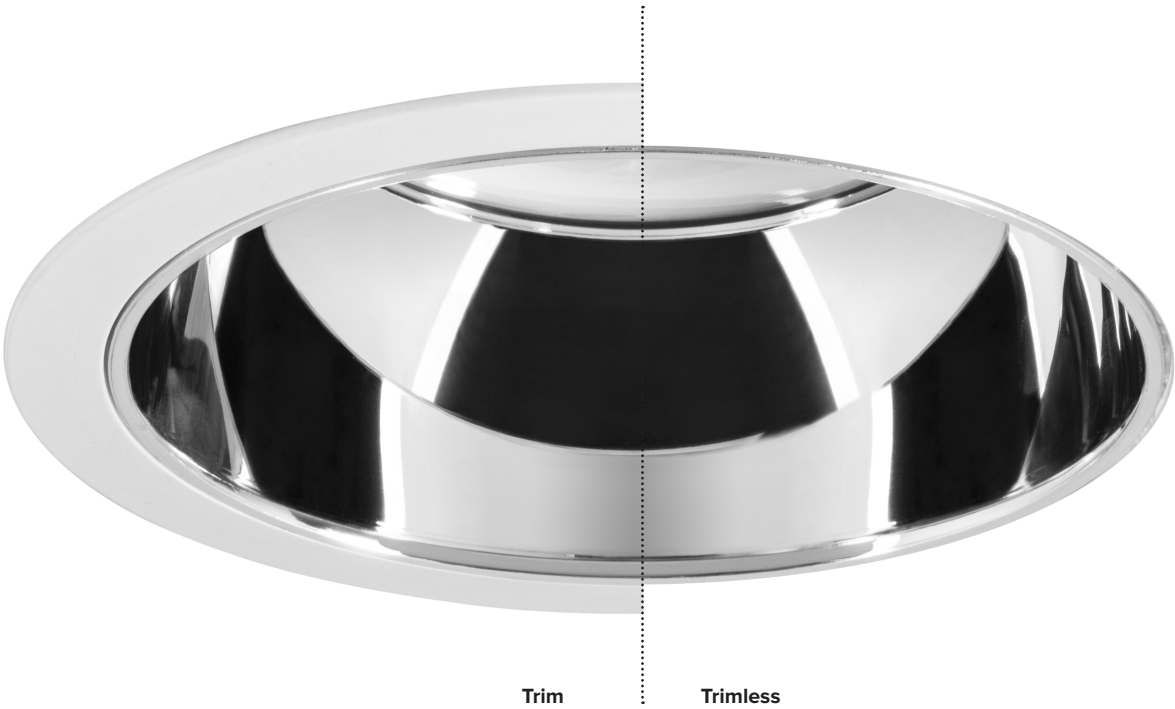
The UGR WFL version with its low luminance optic allows for excellent glare control and perfect uniformity at the same time. The VWFL version, in addition to ensuring excellent uniformity, also makes it possible to create a pleasant and relaxing atmosphere with soft lighting in all the space.



Finishes

Attention to aesthetic detail for the trimless versions without rings and for versions with visible rings with a black and white finish.

The Trimless versions allow for total integration in the architecture for complete simplicity of form.



Colour combinations*

Larger versions have reflectors made of a metallized specular thermoplastic material while the smaller ones have painted thermoplastic reflectors.



* On request it is possible to customise the ring by choosing from the many colour combinations in the Colours range and RAL colours available

Ø	214mm	160mm	105mm	78mm	58mm
Reflector/Cover					
Ring					

Plaster White Deep Black Metallized specular



Ring



Reflector/
Cover

The reflectors are specular for the versions that are larger than Ø105, while smaller diameters have a cover in the same colour as the ring.

Trim



Ring
Plaster White



Ring
Deep Black



Cover/Ring
Plaster White



Cover/Ring
Deep Black

Trimless



Ø214mm | Ø160mm | Ø105mm

Reflector
Reflective metallized



Ø78mm | Ø58mm

Cover
Plaster White

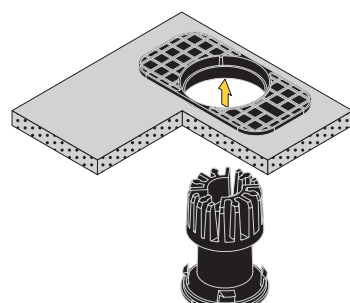
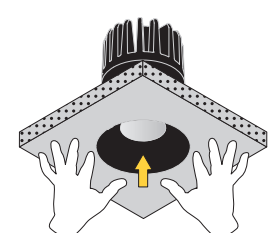
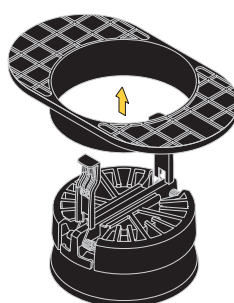
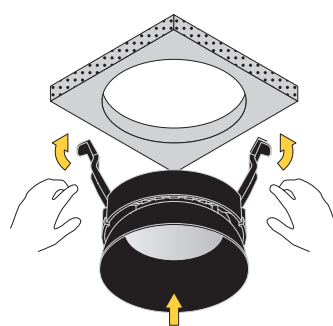


Ø78mm | Ø58mm

Cover
Deep Black

Trimless versions easy to install

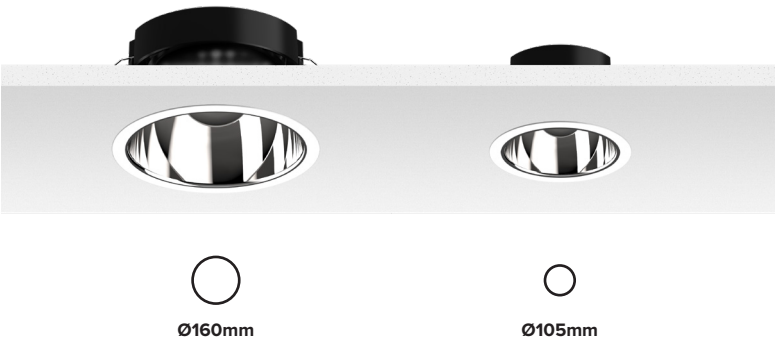
The fixture is already equipped with a flange that must be attached to the false ceiling using screws, then plastered. The various “thicknesses” available make it possible to adjust the product according to the different ceilings. Lastly the product is installed. Larger versions are attached to the template using classic springs while smaller versions are attached with a simple “click”. Nothing simpler!



Tones

All versions are equipped with high quality LED sources, all Ra90 with colour temperatures of 2700K – 3000K – 3500K – 4000K.

This makes it possible to have multiple design solutions for those environments where warmer or more neutral tones are required.

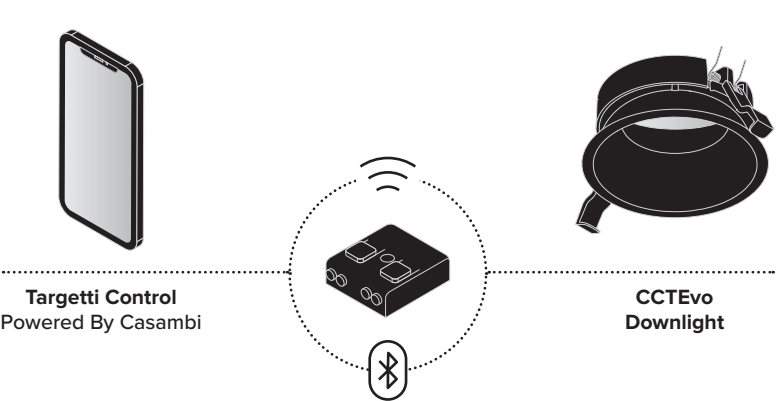


Tunable white
The new Tunable White version was designed to light environments that require a “dynamic” light that accompanies people during their activities, changing tone depending on the time of day. It is available in two different sizes ø160mm and ø105mm with remote control of colour temperatures from 2700K to 5000K and excellent colour rendering (Ra 90).

Power supply

The different types of power supply make the CCTEvo Downlight suitable for different application solutions, from small spaces to large projects.

- ➔ Electronic
- ➔ DALI
- ➔ DALI DT8 for the Tunable White versions



① The DALI and DALI DT8 versions can be controlled using the Casambi app if equipped with the special accessory.

CCTEvo TUBE Downlight



CCTEvo extends its application possibilities by adding to the range the "Tube" versions, the ideal solution when recessed installation is not possible and surface mounting is required to obtain general lighting of offices, common spaces, stairwells and entrance illumination areas.







Available optics



WFL
(UGR)



VWFL



Source Flux

From 1098lm
to 6478lm



LED source

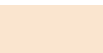
White LED Ra90
Tunable White Ra90
White LED Ra>80 on request



Colour temperature



2700 K



3000 K



3500 K



4000 K



2

Diameters



4

Versions



CCTEvo Tube

Ceiling, Suspension, Wall, Rail

The wide range of diameters, lumen packages and colour temperatures allow for total design freedom to provide the right solution to meet every need.





Ø180
20W – 2900lm



Ø140mm
12W – 1600lm

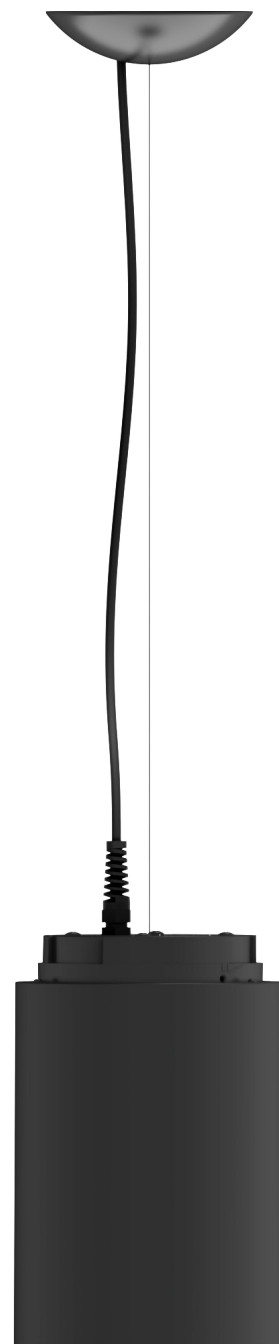
Two diameters

Available in two diameters, 140mm and 180mm, WFL (UGR) optics and VWFL optics, black and white finishes, same of the recessed versions.

All details that allow to design freely while maintaining the same family feeling.



Suspension



Five different fixing systems allow ceiling, wall, and track installation as well as to combine the light units with each other to obtain direct and indirect light.



All versions are equipped with very high colour rendering LEDs Ra90 and are available in four different colour temperatures: 2700K, 3000K, 3500K, 4000K.



Wall

Wall
Direct / indirect

Ceiling

On request



CCTEVO Tube is available on request in all the colors of the “Easy Custom Color” range. To see the color chart, consult the website in the Download section.

CCTEvo Wall Washer



Lighting vertical planes provides great benefits. Among these is to provide breadth and brightness to an environment, ensure excellent visual comfort because the light is never directed at the eyes but arrives via reflection, and to help orientation because lighting vertical planes promotes attention and a sense of security.







Available optics



WW



Source Flux

From 1496lm
to 4643lm



LED source

White LED Ra90 - Ra80



Colour temperature



2700 K

3000 K

3500 K

4000 K



2

Finishes



Trimless



Trim



3

Diameters



Exposed part

CCTEvo Wall Washer

Targetti has always paid particular attention to lighting vertical planes by designing their optical systems with absolute care and precision as in the case of the new Wall Washer optic that has been specially rethought and redesigned to the relative CCTEvo range.





Colour combinations*



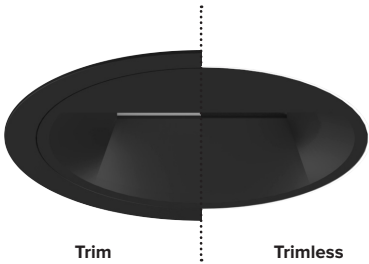
* On request it is possible to customise the ring by choosing from the many colour combinations in the Colours range and RAL colours available

Ø	160mm	105mm	78mm
Reflector/Cover	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>
Ring	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>

☐ Plaster White ☒ Deep Black

The range

The range is composed of 3 different diameters: 160mm, 105mm and 78mm. An important plus for this product range that highlights its potential. More and more frequently there is a need to even light spaces and corridors with small surfaces areas in an asymmetrical way. In these cases the size of the fixtures must be proportionate to the space without prejudice to achieving the desired lighting effect. Despite the fact that versions of recessed Wall Washer fixtures with diameters of more than 10cm are quite widespread on the market, it is very difficult to find versions with smaller diameters because it is very complex to design optics so small with a different emission on two axes.



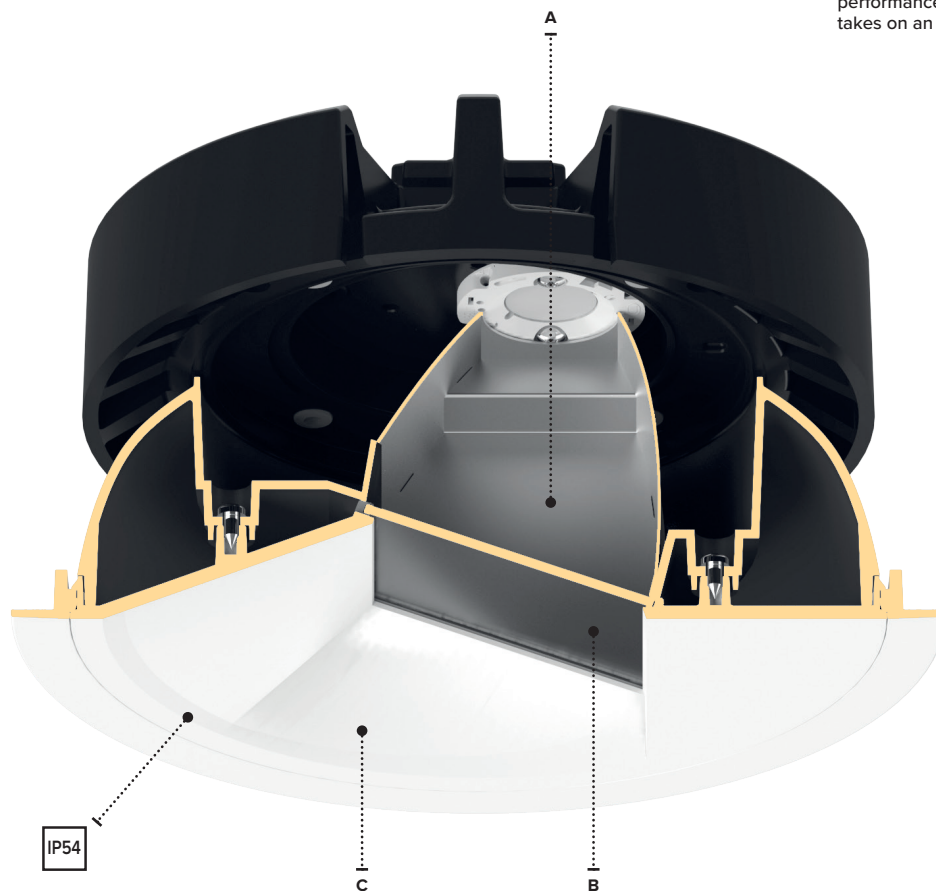
Trim and Trimless Versions

Two different versions Trim and Trimless are both available with this new optical solution with a black and white finish. Choosing one solution rather than another is mainly a question of aesthetics.

Also available in the rang is a Trimless version without a visible ring where the colour variation is linked only to the optical finish. Trimless versions are already equipped with templates that are compatible with ceilings that go from 13 to 17mm.

- A** High reflectance pre-anodized aluminium asymmetrical reflector completely hidden from sight
- B** Diffuser screen with a holographic film with acrylic support that in addition to uniformly diffusing the light also gives the optical compartment IP54 protection
- C** Shaped thermoplastic structural element that constitutes the aesthetic value of the fixture, accurately designed to coordinate with the fixture ring: black or white

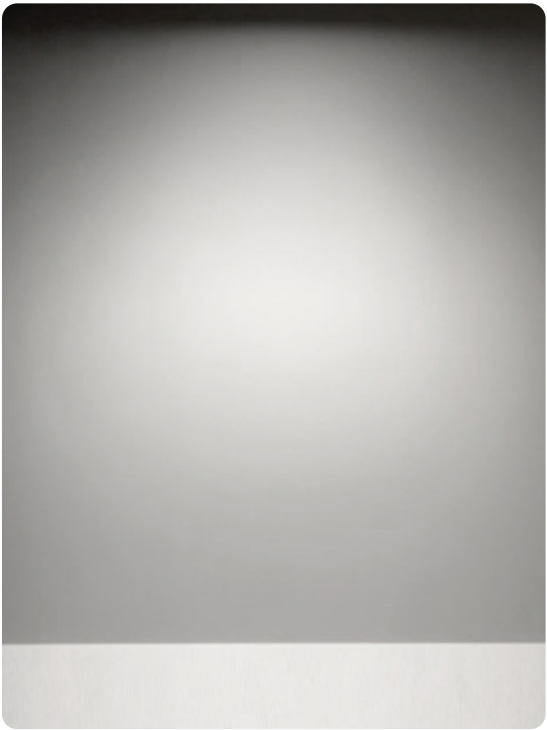
* The type of finish of the fixture does not modify the emission or performance of the fixture but mainly takes on an aesthetic value



Wall Washer Optic

The CCTEvo wall washer optic was completely redesigned. A new solution that follows the logic of next generation WW versions where optical geometry is designed with the

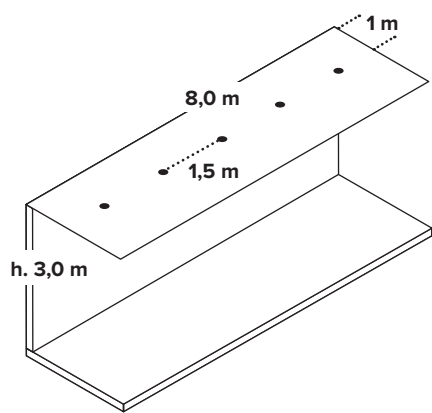
dual purpose of lighting vertical planes in a completely uniform way, as well as being an integral part of the design of the fixture at the same time.



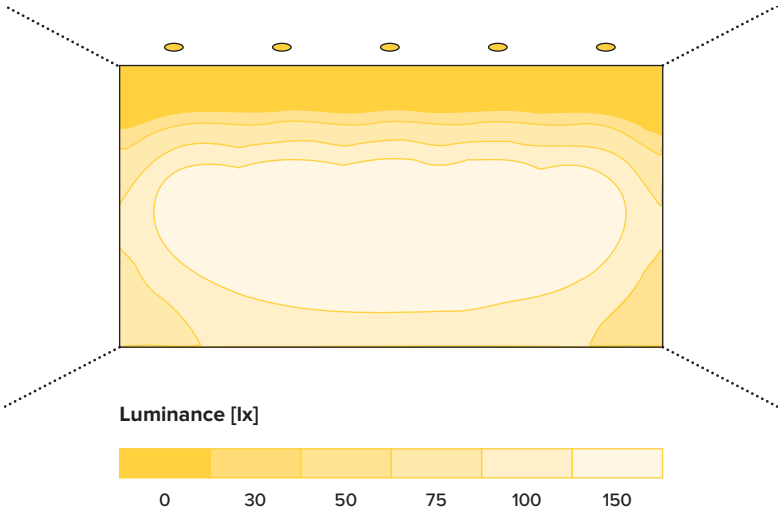
Design ideas

To obtain a uniform effect on the vertical plane of the surface to be lit it is advisable to design with a wall washer considering a ratio of 1 to 3. This means that the fixtures must be about one third of their height away from the wall to be lit. If the fixtures are installed further away from the surface the risk is to have the light attachment to the wall that is too low, if on the other hand they are

too close there is a risk of losing uniformity on the vertical plane. To have horizontal uniformity the general rules are to use the same distance between the fixtures as the distance from the wall. With the CCTEvo Wall Washer however it is possible to increase this distance while still maintaining the same uniformity, saving on the purchase of individual light fixtures and energy consumption.



CCTEvo Wall Washer
Ø78mm
12W
1557lm





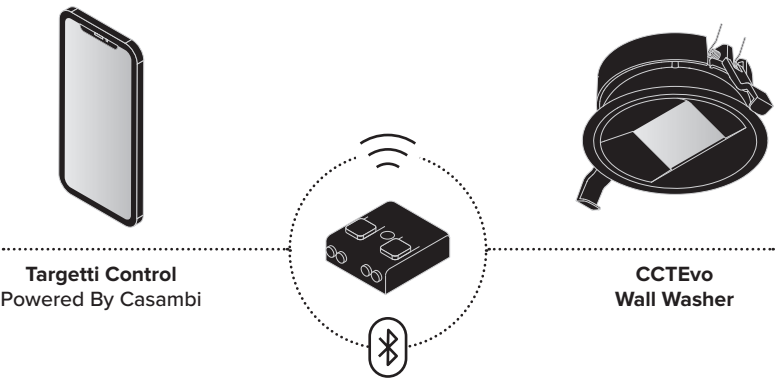
All versions are equipped with high quality LED sources, all Ra90 with colour temperatures of 2700K – 3000K – 3500K – 4000K.

This makes it possible to have multiple design solutions for those environments where warmer or more neutral tones are required.

Power supply

The different types of power supply make the CCTEvo Wall Washer suitable for different application solutions, from small spaces to large projects.

- ➔ Electronic
- ➔ DALI



10 The DALI versions can be controlled using the Casambi app if equipped with the special accessory.

CCTEvo Architectural



Accent light is capable of creating and transforming the atmosphere of a space.

The incredible charm of this type of lighting is produced by the contrast between areas of light and shadow and from the transition between the two light conditions. This type of lighting cannot disregard the use of professional fixtures since light contributes significantly to creating the style of a space.







Available optics



NSP



SP



FL



MWFL



WFL



Source Flux

From 528lm
to 7313lm



LED source

White LED Ra90
White LED Ra>80*
*on request



Colour temperature



2700 K



3000 K



3500 K



4000 K



2

Finishes



Trimless



Trim



4

Diameters

- LED Ra90 efficiency up to 107lm/W
- LED Ra>80 efficiency up to 122lm/W

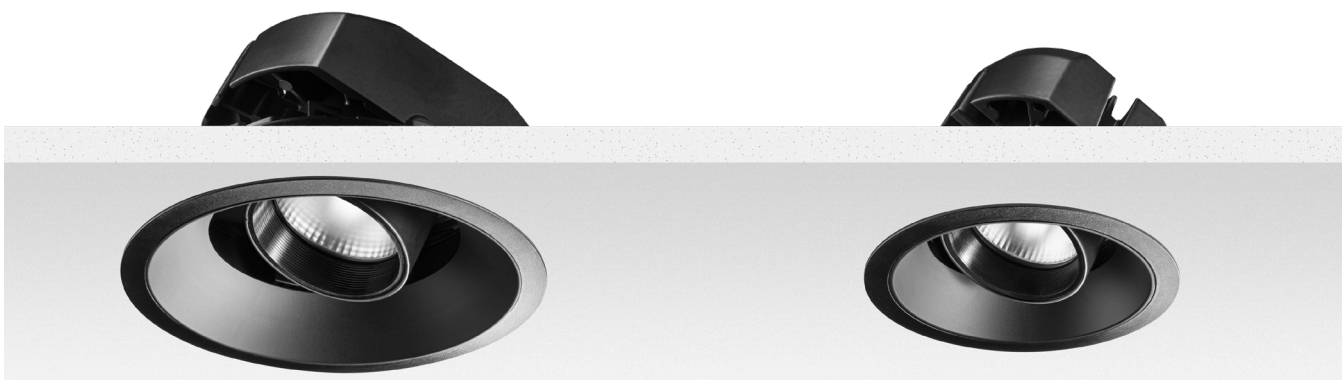
IP40

Exposed part

CCTEvo Architectural

CCTEvo Architectural is the most technical and sophisticated version of the entire CCTEvo range. It is the most suitable solution for highly specialised professional accent lighting.

A range of adjustable recessed projectors with focused light available in 4 different diameters with different lumen packages, two optical systems (lenses and reflectors) and four different beam openings. It comes in a double Trim version with a finishing ring and Trimless without a visible ring.





Ø160mm
Max 64W - 7313lm



Ø105mm
Max 19W - 2227lm



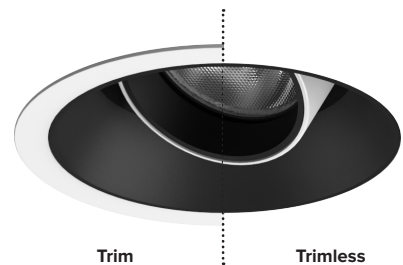
Ø78mm
Max 12W - 1577lm



Ø58mm
Max 9,5W - 1158lm

Attention to detail

CCTEvo Architectural is designed to light spaces where attention to aesthetic detail is important. This is why care and attention have been paid to the ring and its colour finishes.



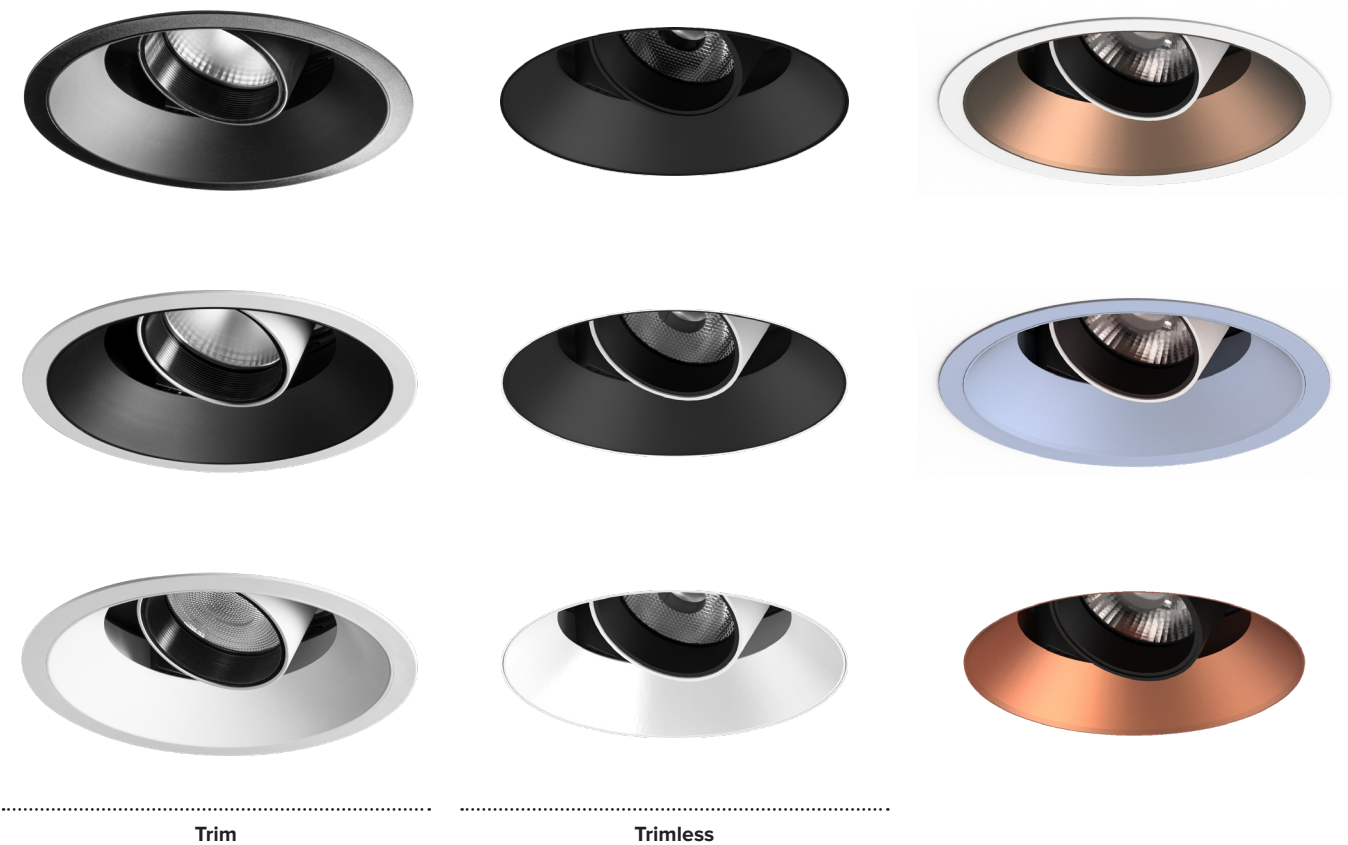
Trim and Trimless Versions

With a thickness of just 2mm the ring in the Trim version has a minimum impact on the ceiling, there is also a Trimless version without a visible ring for maximum integration into the architecture.


Finishes

Standard finish solutions are total white, total black and a two-tone version, that can be implemented with all variations in the Colours range and RAL colours that Targetti has designated as special. You can download the leaflet complete with all RAL colours from website.

All versions are low luminance, thanks to the source that is set back in the ceiling and to the black cut-off ring. In addition the Total Black version completely eliminates the diffused light component in the ceiling, combining the aesthetic component with the more functional one.



Colour combinations*

 * On request it is possible to customise the ring by choosing from the many colour combinations in the Colours range and RAL colours available

Ø	160mm	105mm	78mm	58mm
Reflector/Cover	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>
Ring	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>

☐ Plaster White ☒ Deep Black

→ The leaflet with all the colours available can be found in the download section on the website.



It was designed to coordinate with projectors in the Label range with the aim of creating aesthetic and performance continuity between products with different installation types (track projectors, adjustable recessed projectors and extractable recessed projectors).

Two optical systems

The incisiveness of a light or a gradient of tone are the results of the type of optics used. CCTEvo Architectural has two different optical systems (lenses and reflectors) to cover every application possibility.

When designing it is fundamental to know the characteristics of both solutions very well to obtain the best effect for every project.



Ø160mm Ø105mm

Lenses



→ Actual beam openings
10° - 14° - 26° - 41°



Lenses are the most innovative optical system because they were specially created for LED sources. They make it possible to obtain very precise beams with a very soft gradient effect. Targetti has proprietary lenses or rather designs and produces

lenses specially for LED sources selected according to the desired effect. In the case of CCTEvo Architectural lenses they were designed for the two larger diameters so that they can provide the best ratio between quality and efficiency.



Ø160mm



Ø105mm



Ø78mm

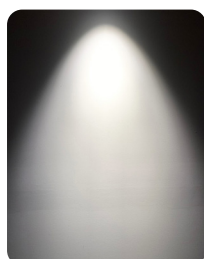


Ø58mm

Reflectors



→ Actual beam openings
10° - 14° - 31° - 40° - 55°

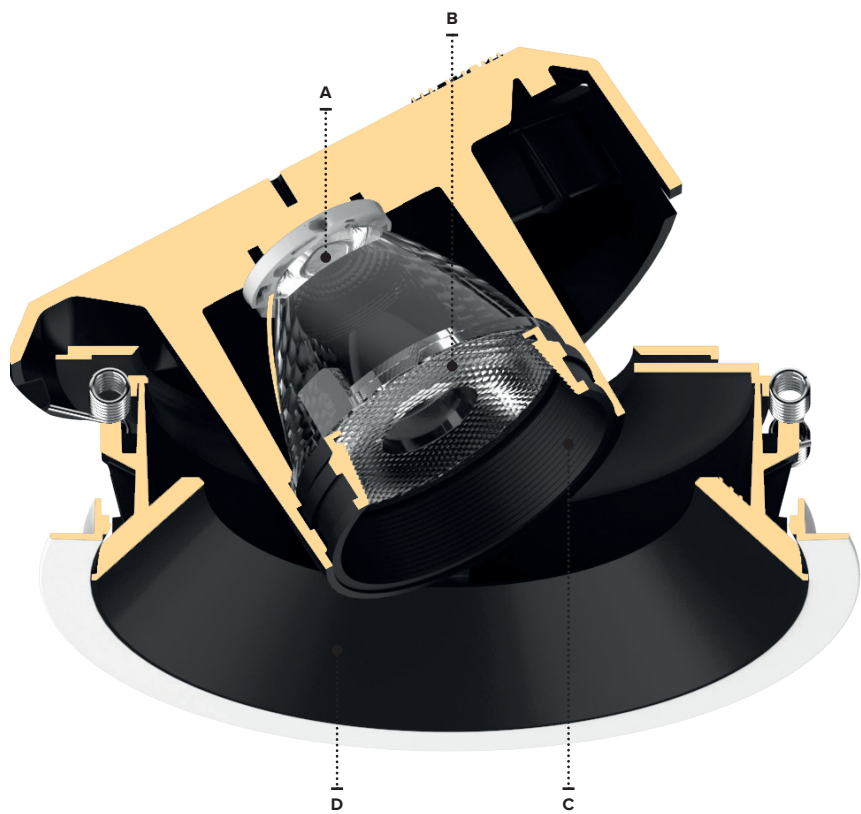


Reflectors make it possible to obtain well-distributed beams with a more defined gradient effect (fall-off). Targetti has always created luminous effects for their fixtures by designing and producing aluminium reflectors in-house paying particular attention

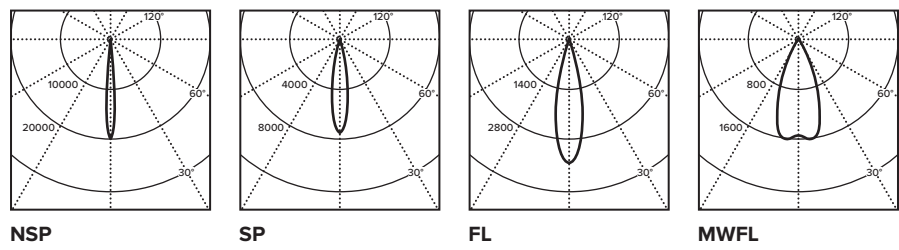
to the quality of the luminous effect and the homogeneity of the effect without sacrificing performance.

It is thanks to this expertise that we have designed 4 different reflectors, one for each size.

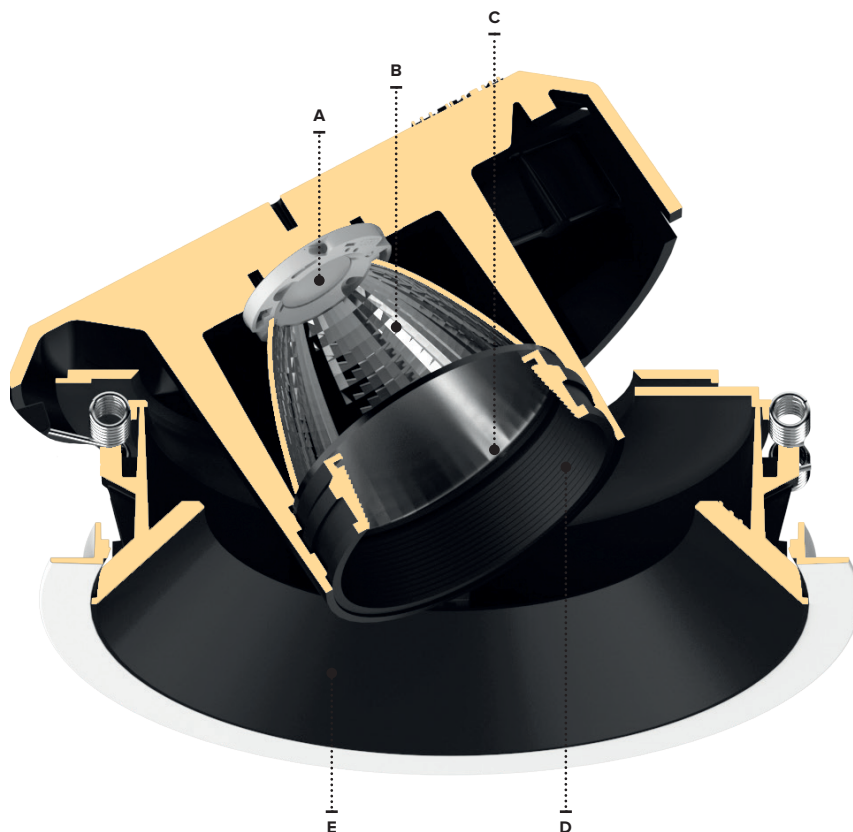
- A** LED COB Ra90
- B** PMMA propriety trasparent LENS
- C** Cut-off black sylicone ring, for the highest control of light output
- D** Finishing cover available in black or white



Lenses



- A** LED COB Ra90
- B** Convex faceted highly reflective anodised aluminium reflector
- C** Holographic filter
- D** Cut-off black silicone ring, for the highest control of light output
- E** Finishing cover available in black or white



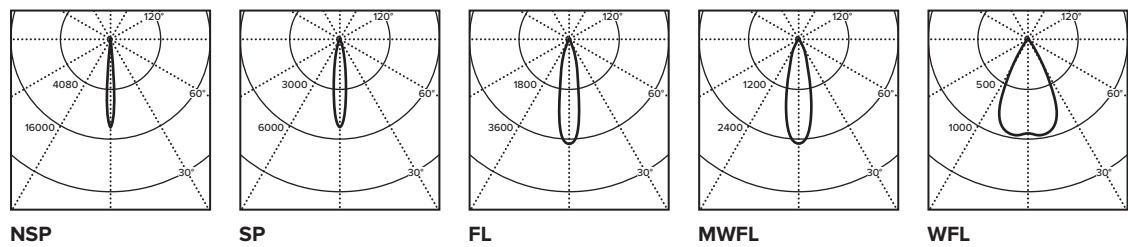
Ø160mm

Ø105mm

Ø78mm

Ø58mm

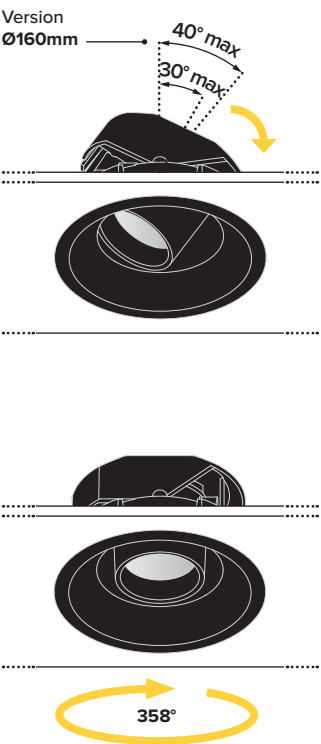
Reflectors



VCR aiming system
- Virtual Center
Rotation

The VCR aiming system is a system that by combining rotation and translation makes it possible to have a tilt up to 40° on the vertical plane and 358° on the horizontal plane without the need for any other mechanical blocking system.

For the Ø 160mm and Ø 105mm versions there is however a mechanical blocking system and a graduated ring that makes it possible to easily replicate aiming between multiple products even before installation.



The Ø 58mm version allows the optical body to be adjusted only on the vertical plane (maximum 30°).

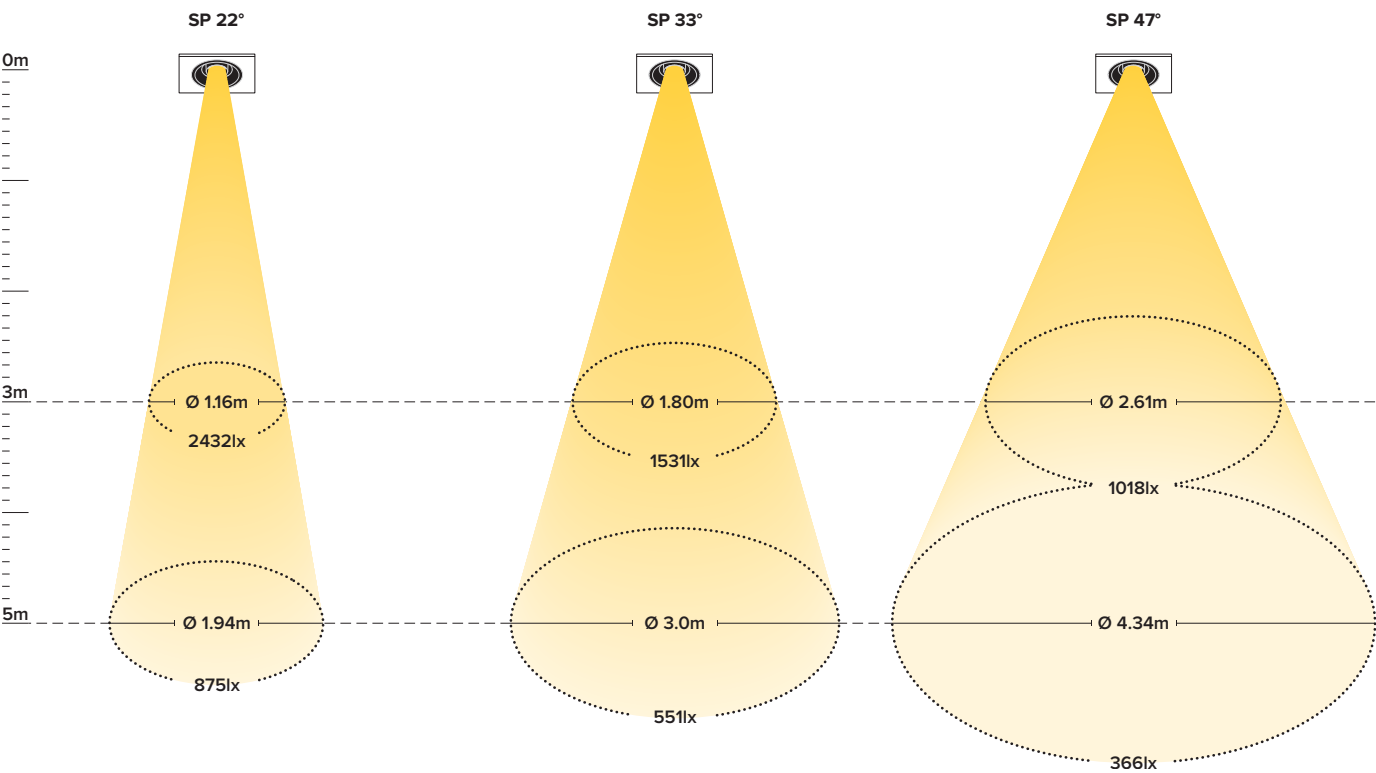


**Power versions
to light from
great heights**

When it is necessary to light from great heights the Architectural range has a “power” version in the Ø160 size. The visible optical part is identical to the standard versions. What is different is the dissipator, designed to dissipate the heat

emitted from the 64W power supply and the 7203lm luminous flux.

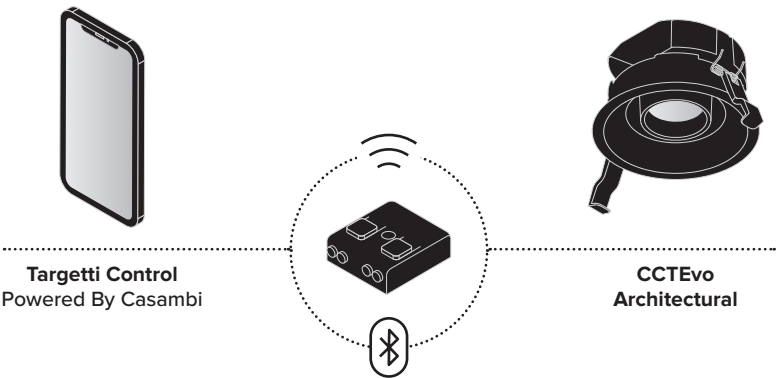
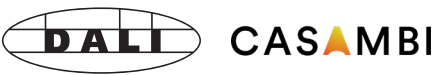
The power version of CCTEvo Architectural makes it possible to light heights of up to 5/6 metres effectively.



Power supply

The different types of power supply make the CCTEvo Architectural suitable for different application solutions, from small space to large projects

- ➔ Electronic
- ➔ DALI



① The DALI versions can be controlled using the Casambi app if equipped with the special accessory.



CCTEvo

Extractable



Bringing light everywhere in space is not easy, often the only installation possibility is on the ceiling but not all fixtures are able to direct light in an effective way in the desired direction.

Sometimes technical measures are required that allow light fixtures to not only be rotated but also extracted in order to bring light to surfaces or particular elements.





Available optics



NSP



SP



FL



MWFL



WFL



Source Flux

From 516lm
to 6354lm



LED source

White LED Ra90
White LED Ra>80*
*on request



Colour temperature



2700 K



3000 K



3500 K



4000 K



2

Finishes



Trim
Plaster
White



Trim
Deep
Black



2

Diameters

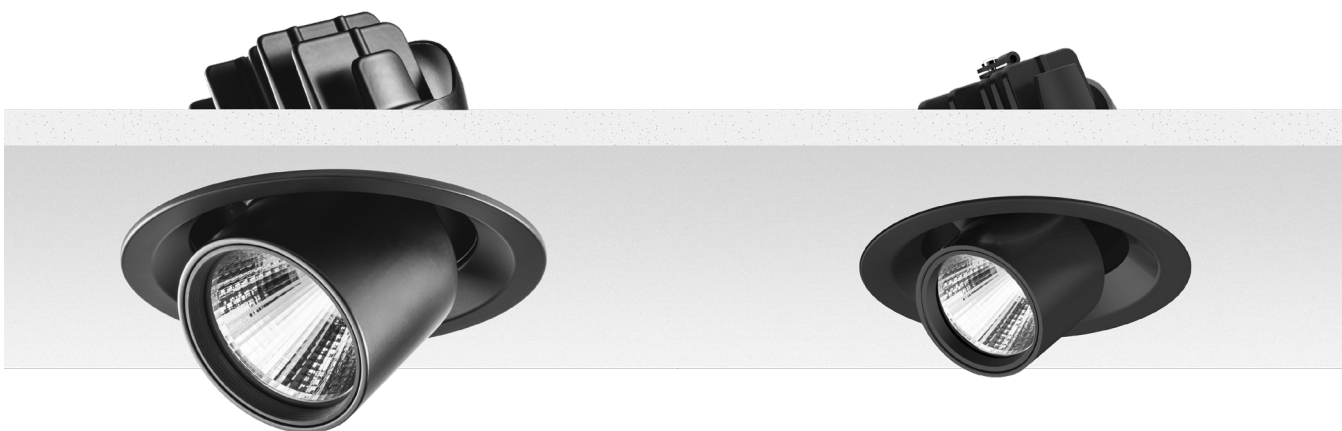
- LED Ra90 efficiency up to 96lm/W
- LED Ra>80 efficiency up to 109lm/W



Exposed part

CCTEvo Extractable

When designing CCTEvo Extractable our aim was to have a simple fixture featuring a minimal design, attention to detail and excellent performances capable of bringing light to any point of the space.





The design of the extractable CCTEvo version, available in two different sizes, is the result of aesthetic and functional choices.

The body of the fixture is a single piece designed to dissipate the LED source in the best way and the front has a contemporary and minimal design to integrate better into false ceilings.

Colour combinations*



* On request it is possible to customise the ring by choosing from the many colour combinations in the Colours range and RAL colours available

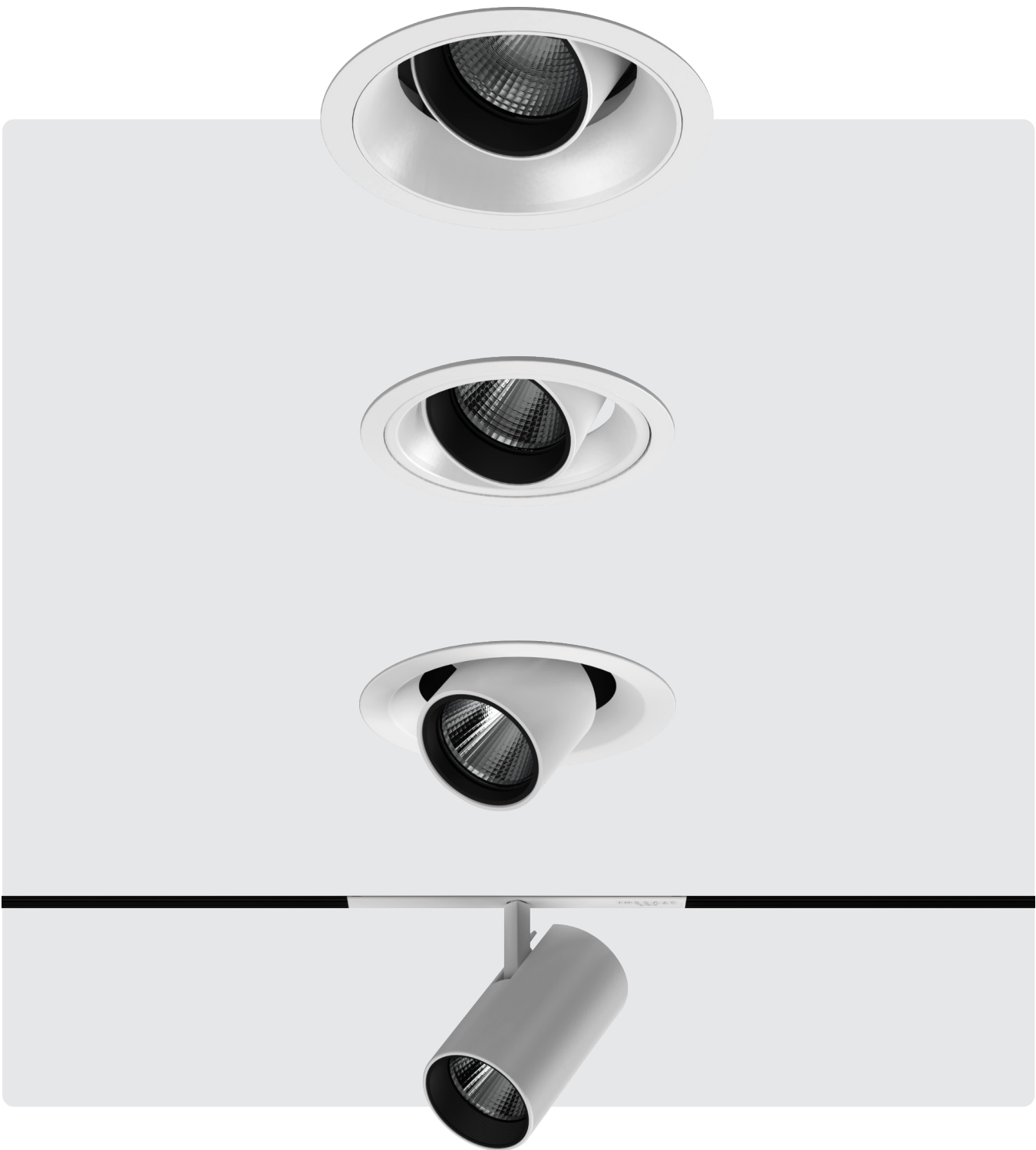
Ø	162mm	125mm
Reflector/Cover	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>
Ring	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>

☐ Plaster White ☒ Deep Black

**Attention
to details**

Even the CTEvo Extractable like the Architectural version was designed to coordinate with projectors in the Label range with the aim of creating aesthetic and performance

continuity between products with different installation types (track projectors, adjustable recessed projectors and extractable recessed projectors).





For both sizes it is possible to adjust the body in a continuous way from -25° to 75° on the vertical plane and by 355° on the horizontal one. The value -25° means that it is even possible to retract the optical body inside the false ceiling. CCTEvo Extractable has an internal black Ryton kicker that covers any light leakages towards the ceiling regardless of the position during the extraction phase.

When it is completely extracted on the other hand part of the body aligns with the false ceiling plane completely hiding the recess hole.

Two optical systems

It is the optical system that shapes light and models the beam. CCTEvo Extractable has two different optical systems

(lenses and reflectors) both produced in-house to obtain different effects and cover every application possibility



Ø125mm

Lenses



→ Actual beam openings
10° - 14° - 29° - 41°



The smallest version with a diameter of 125mm has two optical systems, lenses and

reflectors with four different beam openings (NSP, SP, FL and MWFL).



Ø162mm



Ø125mm

Reflectors

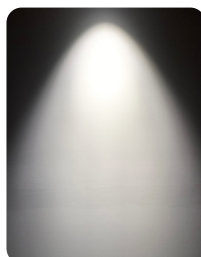


Ø162mm

→ Actual beam openings
17° - 27° - 33° - 53°

Ø125mm

→ Actual beam openings
10° - 12° - 33° - 45°



The largest version with a diameter of 162mm on the other hand is only equipped with the reflector optical system for softer beams (SP, FL, MWFL and WFL)

which are mostly ideal in the retail sector where often accented light without strong luminance contrasts is often required.

CCTEvo Gimbal



Choosing a Gimbal recessed fixture means having simple but effective orientation, alignment with the ceiling for maximum simplicity of form and an elegant design that is technological at the same time.





Available optics



SP



FL



MWFL



Source Flux

From 1266lm
to 3180lm



LED source

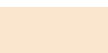
White LED Ra90



Colour temperature



2700 K



3000 K



3500 K



4000 K



2

Finishes



Trim
Plaster
White



Trim
Deep
Black



2

Diameters

- LED Ra90 efficiency up to 102lm/W
- LED Ra>80 efficiency up to 116lm/W



Exposed part

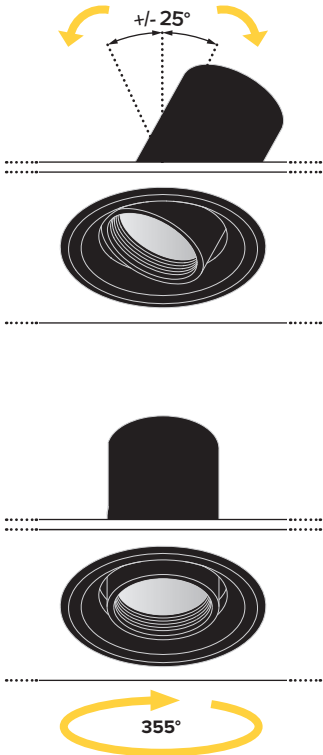
CCTEvo Gimbal

The simplest version in the CCTEvo Gimbal range is available in two different sizes, $\varnothing 125\text{mm}$ and $\varnothing 105\text{mm}$. Initially created as a special product for an important Retail project it was perfected and industrialised to meet the particular needs of this application segment.





A real high performance professional recessed projector with a minimal design that can be adjusted up to a +/-25°. It can be equipped with two different optical systems: with lenses for more precise, defined beams and with reflectors for softer and uniform emission.



Colour combinations*

* On request it is possible to customise the ring by choosing from the many colour combinations in the Colours range and RAL colours available

Ø	125mm	105mm
Reflector/Cover	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>
Ring	<input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/>

☐ Plaster White ☒ Deep Black





CCTēvo

NOTE

[illegible]

[illegible]

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Release 1.3 July 2022