

# TITAN COB

**BEAM  
MASTER**  
Master in LED Lights

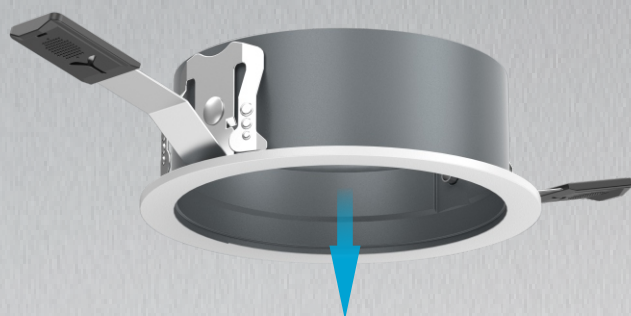
## LED SPOTLIGHT TITAN SERIES

Modular Design  
5W to 30W  
Diversified Applications  
6-color Reflectors  
Effortless DIY as Wishes

UGR<14



Product VR





## VARIOUS REFLECTOR CUPS



Rose-gold

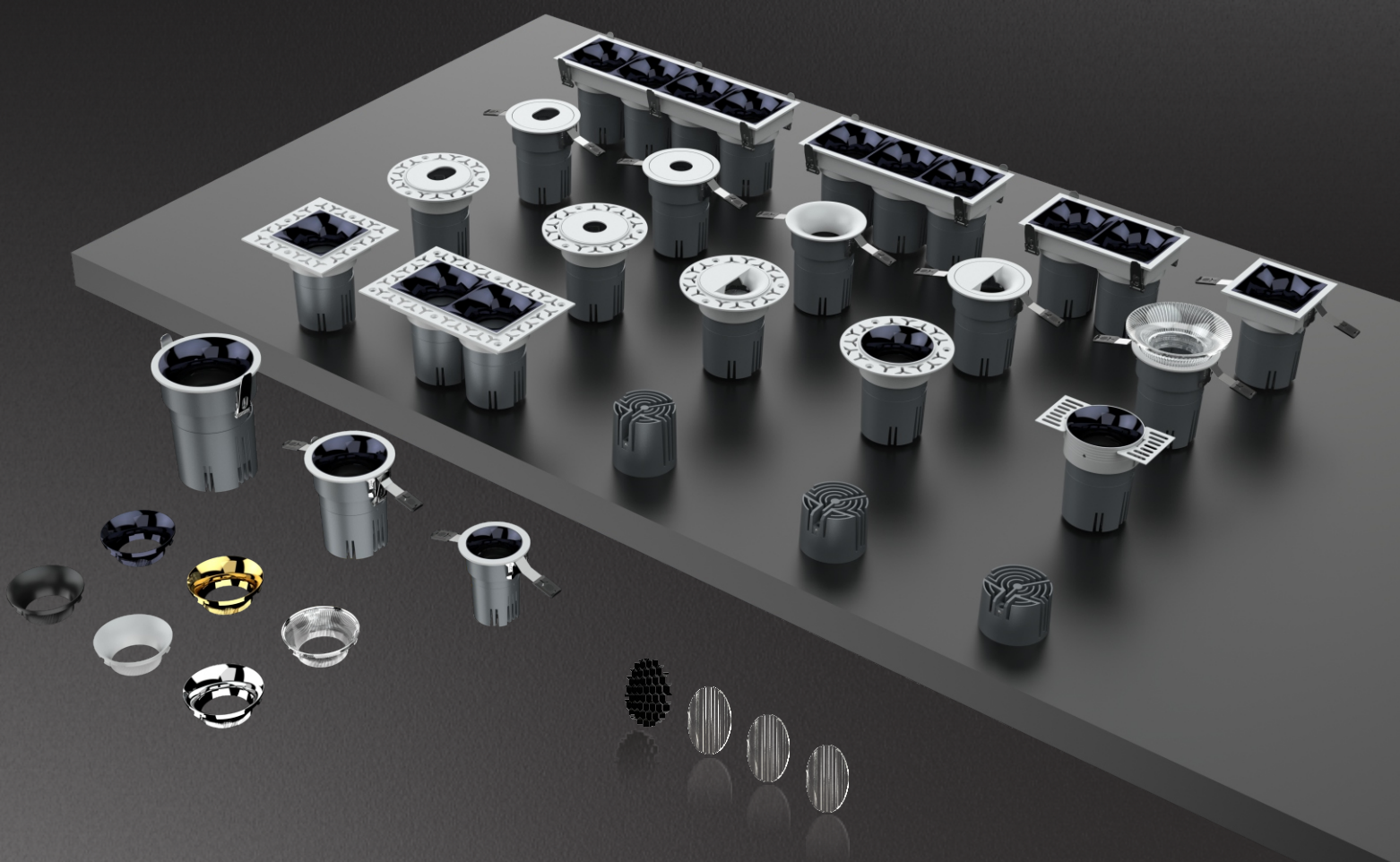
Chrome-plated

Chrome-black

Matt-white

Matt-black

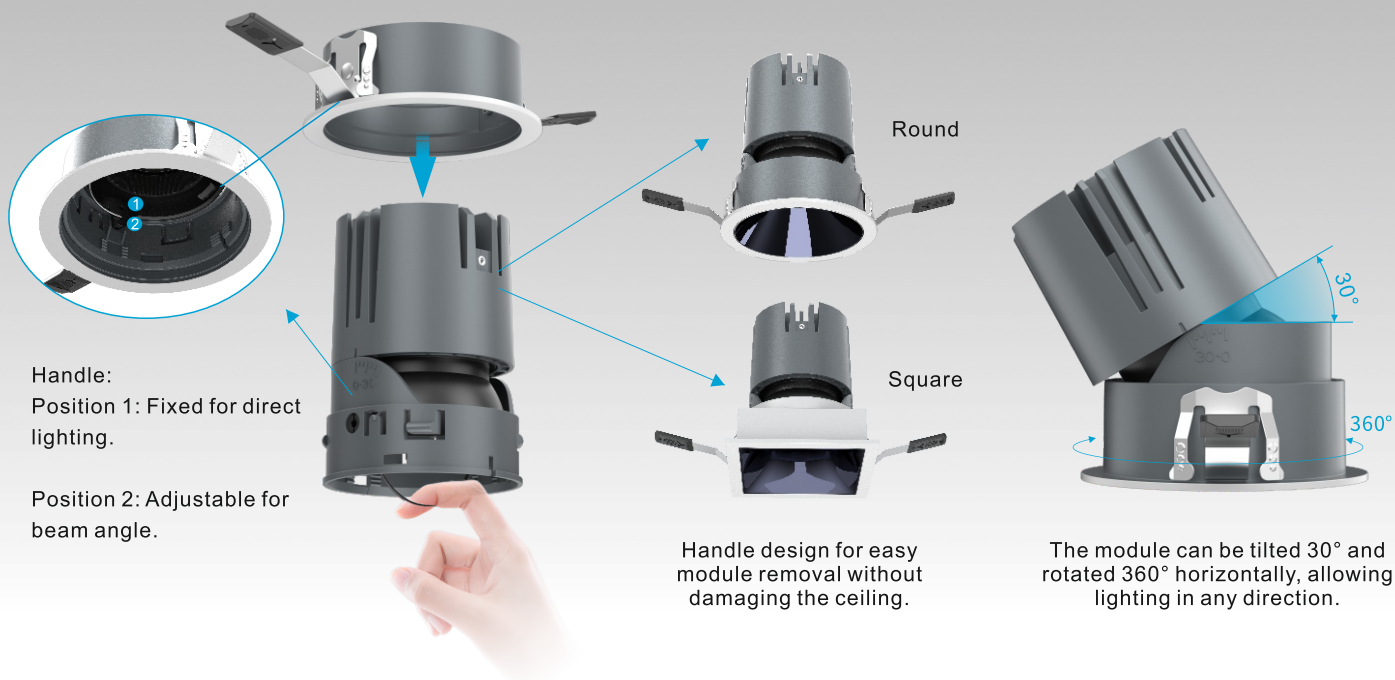
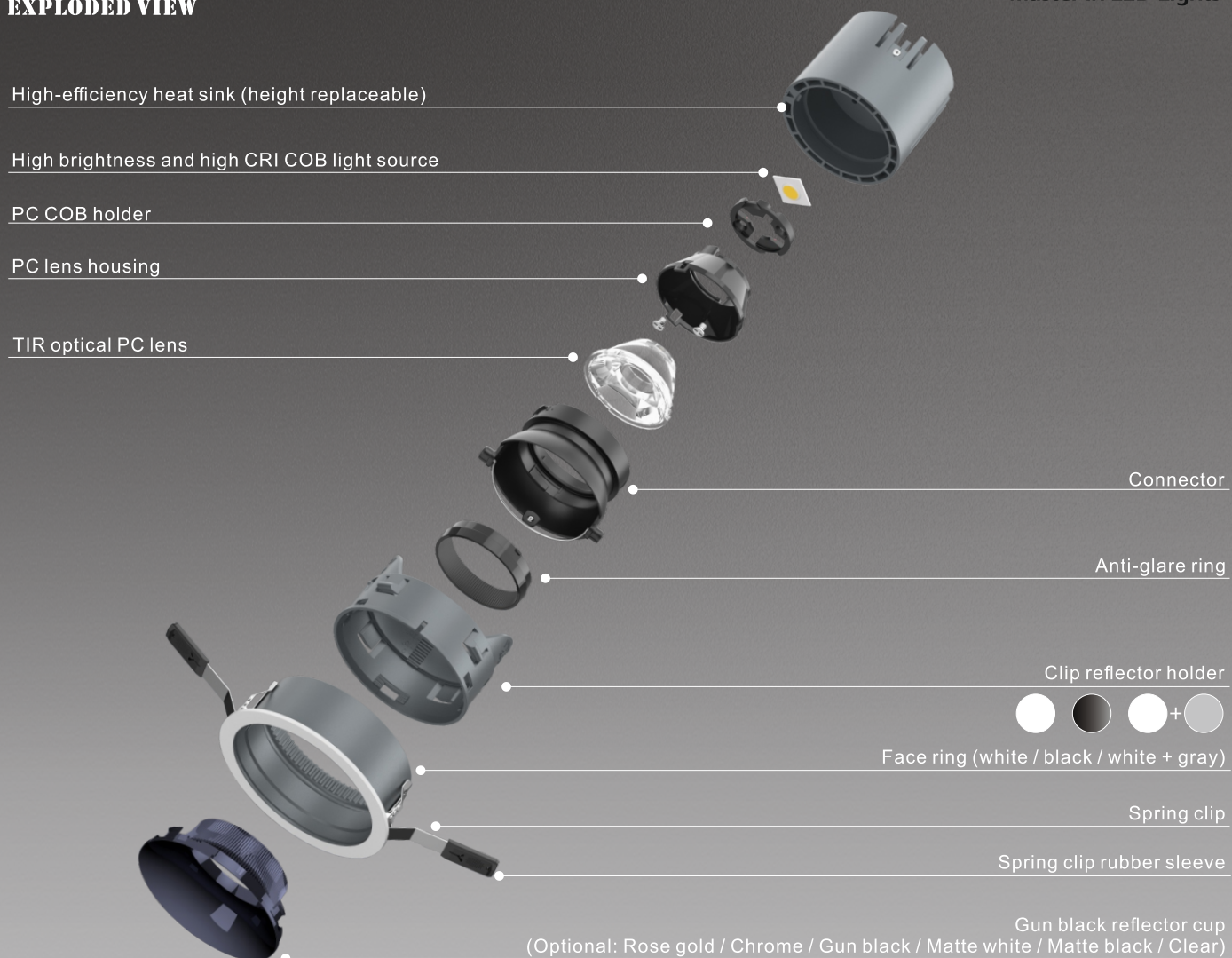
Transparent



A variety of optical accessories  
/recessed parts are optional...



## EXPLODED VIEW





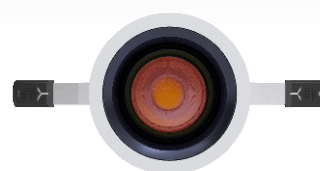
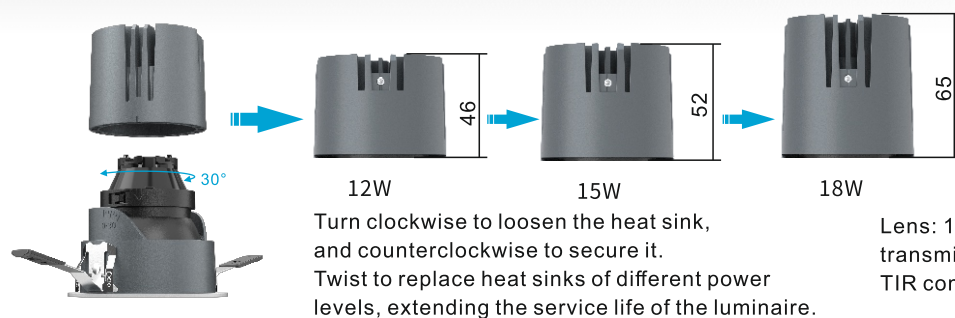
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## OPTICS

Lighting applications for villas, large apartments, home decoration, hotels and other scenes.



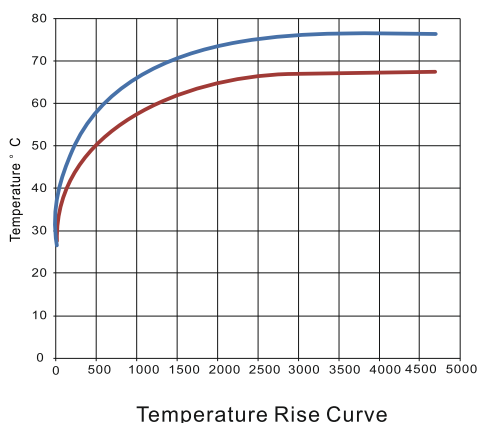
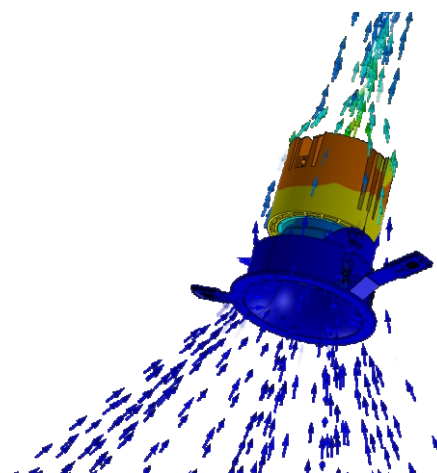
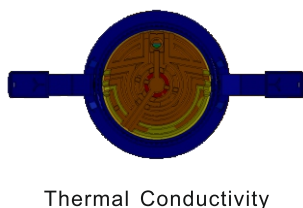
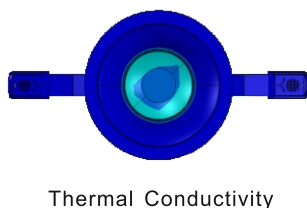
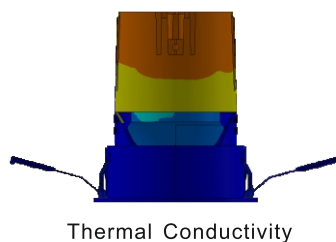
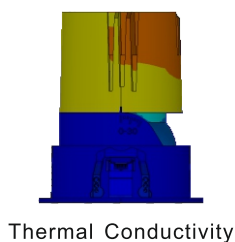
### THE HEAT SINK CAN BE REPLACED BY TWISTING



Lens: 120°, high temperature resistant, 88% light transmittance, uniform light output, cross optics, TIR compound eye lens.

### THERMAL CONTROL TECHNOLOGY

Structure optimized by advanced FEA technology to realize fast heat dissipation. Uniform heat distribution and keep high luminous flux to achieve longer lifespan.



— Maximum temperature on the back of the radiator (solid)  
— COB maximum temperature (solid)

**Simulation conditions:**

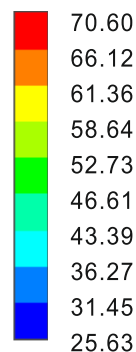
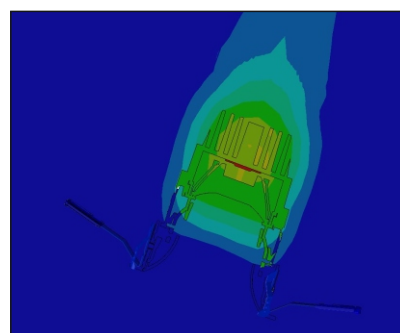
Power: 15W  
Room temperature: 29°C

**Structural Assessment:**

The overall heat dissipation of the lamp housing is efficient and uniform. The material is fully utilized, and there is no blind area of heat dissipation structure. Inside and outside of LED chip and casing The temperature difference is about 10°C, so that the performance of the chip can be fully exerted and maintain a high luminous flux maintenance rate.

**Remarks:**

Due to the light and thermal efficiency of various chips Differences, the above data are for design reference only. Please refer to the actual sample test for the final result.

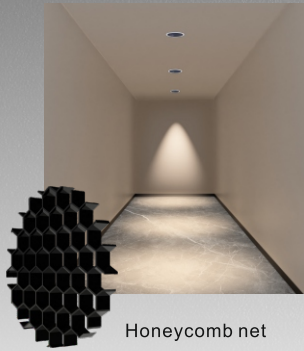




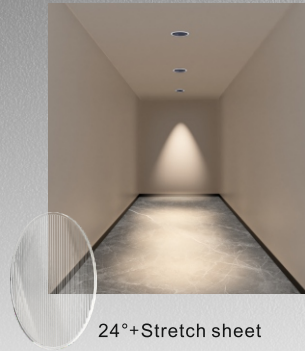
# TITAN COB

## OPTICS

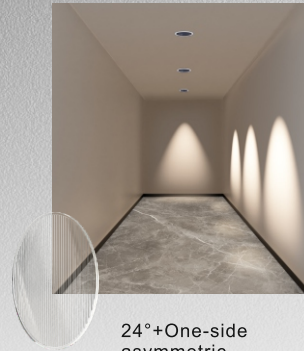
Optional accessories to meet the needs of various lighting applications. TIR PC optical lens for uniform light output without color spots. Optional honeycomb anti-glare net, stretch sheet, single deflector, double deflector.



Honeycomb net



24°+Stretch sheet



24°+One-side asymmetric



24°+Double-side asymmetric



Round acrylic ambient lighting, Creates a cozy and atmospheric environment



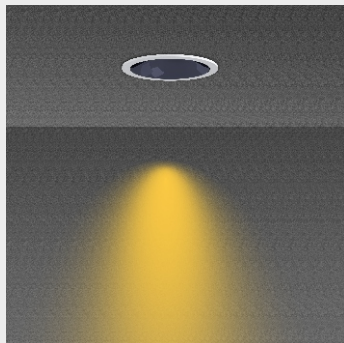
Small round hole for precise light control, anti-glare and soft on the eyes.



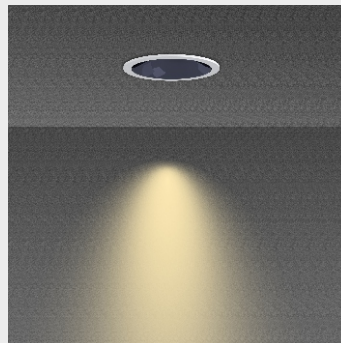
Precise light control with elliptical holes, anti-glare and gentle on the eyes.



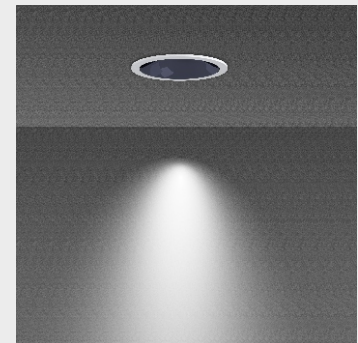
Polarized reflector cup, wall washing lighting without dark zones.



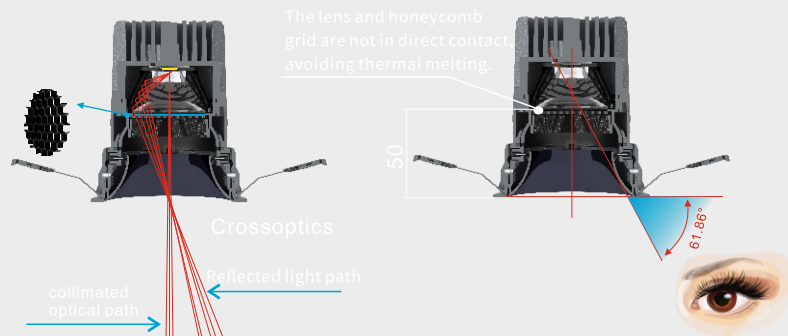
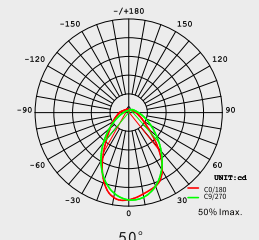
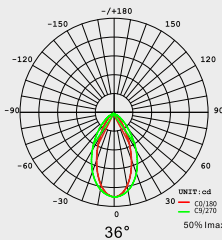
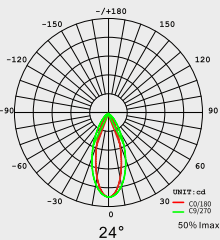
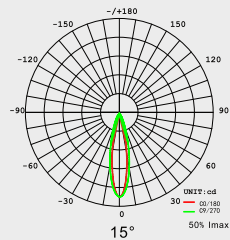
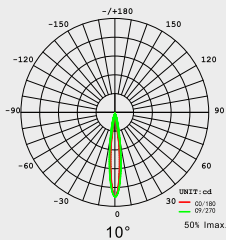
WW



NW



CW



### Cross optical design

Through the intersecting and interweaving of light rays, ultra-uniform lighting and anti-glare effect are achieved even in high-brightness environments, creating a black light effect where light is visible but the lamp is hidden.

### Anti-glare design

The whole lamp adopts anti-glare technology with an anti-glare depth of up to 50mm. UGR < 14, deeply embedded light source, achieving the effect of light is visible but the lamp is hidden. The light is soft and non-glaring.

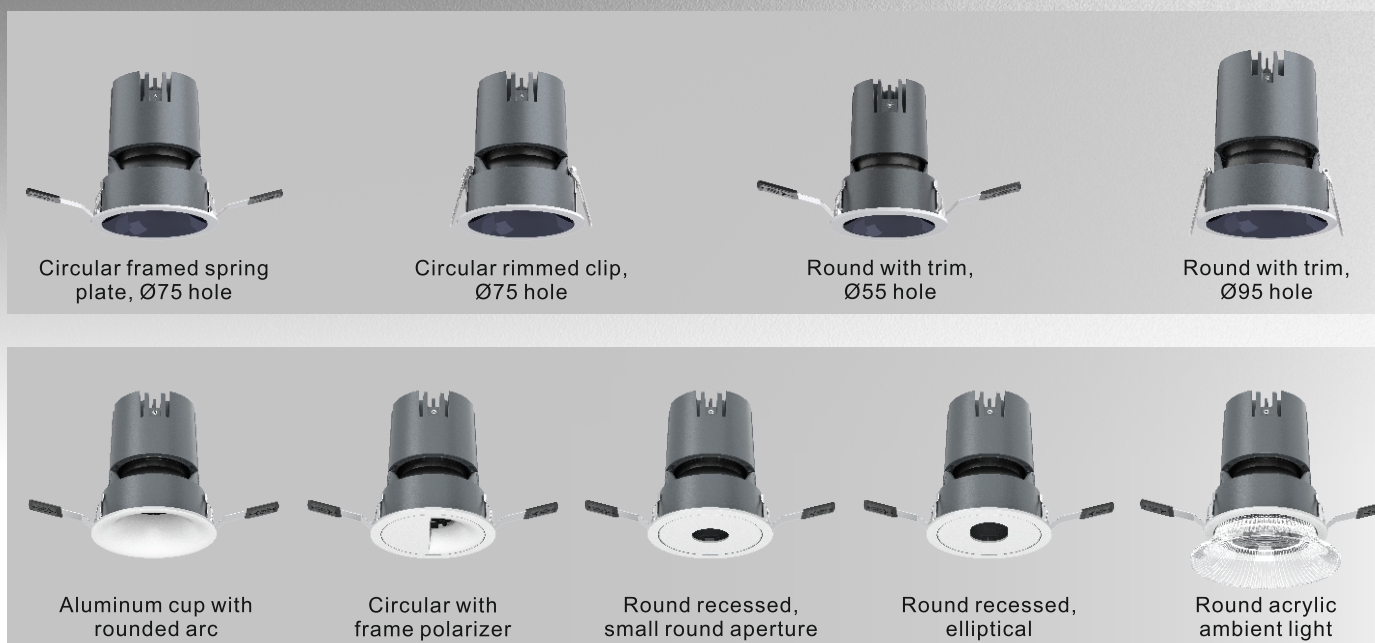


# TITAN COB

## THE MAIN PARAMETERS



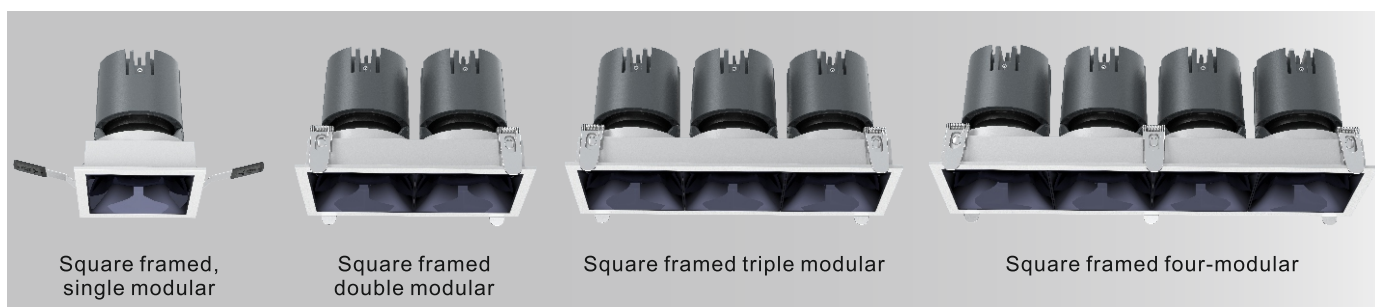
### Round with frame



### Round recessed



### Square with trim



### Square recessed





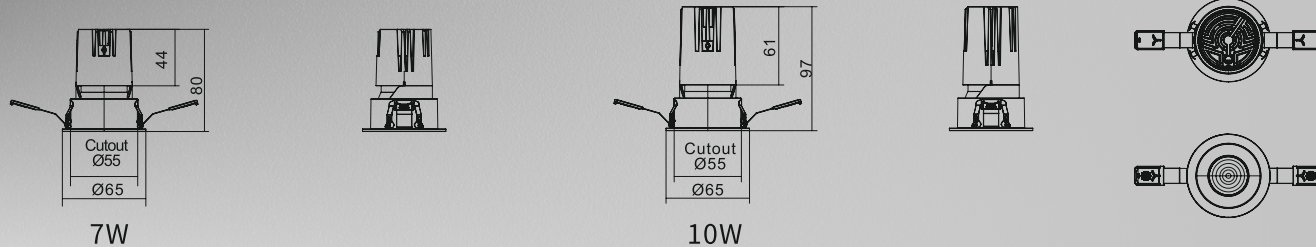
# TITAN COB

## DIAGRAMS

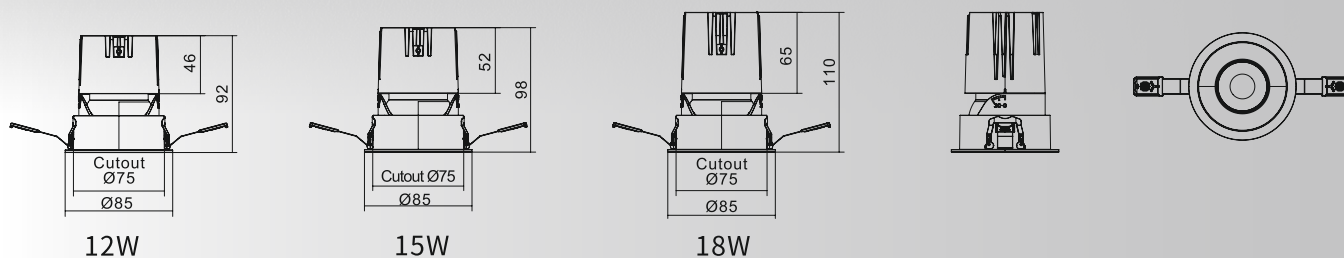
Unit:MM



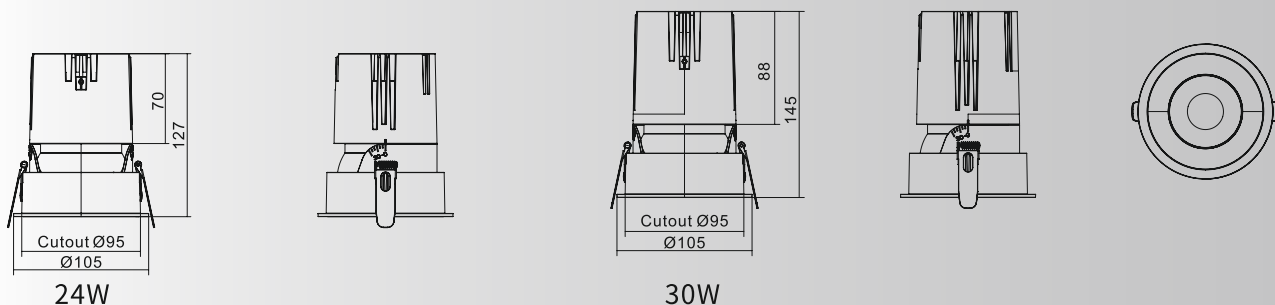
Round with trim, Ø55 hole



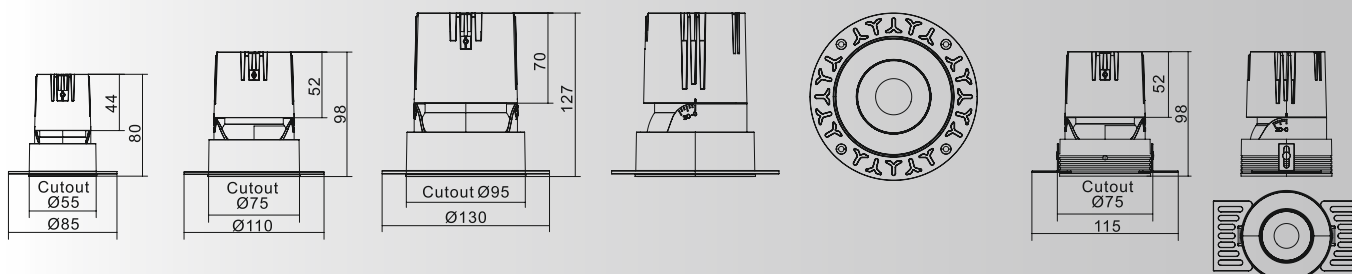
Round with trim, Ø75 hole



Round with trim, Ø95 hole



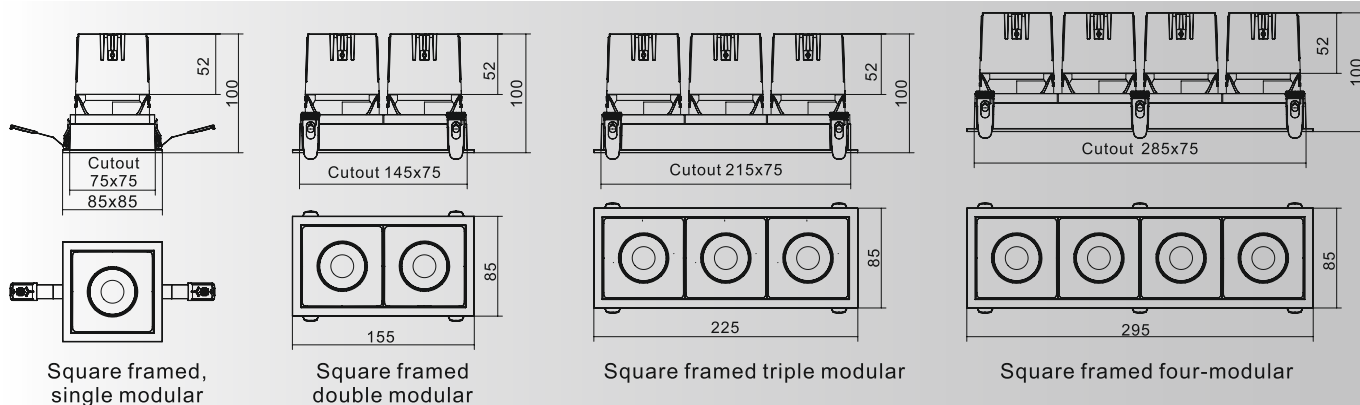
Round without trim



Round recessed, 55mm hole    Round recessed, 75mm hole    Round recessed, 95mm hole

Round recessed adjustable

Square with trim



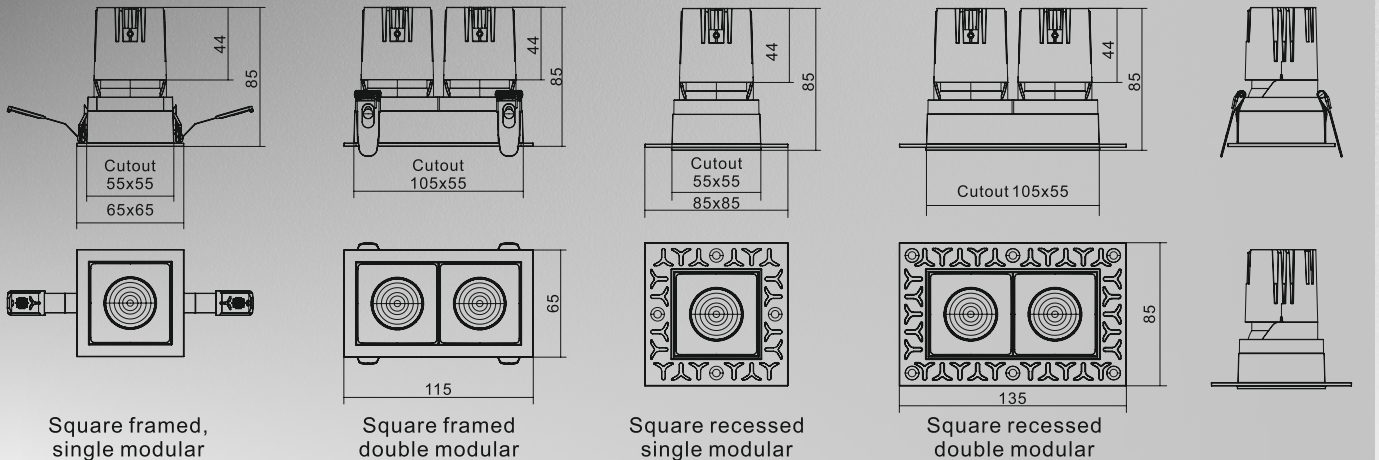


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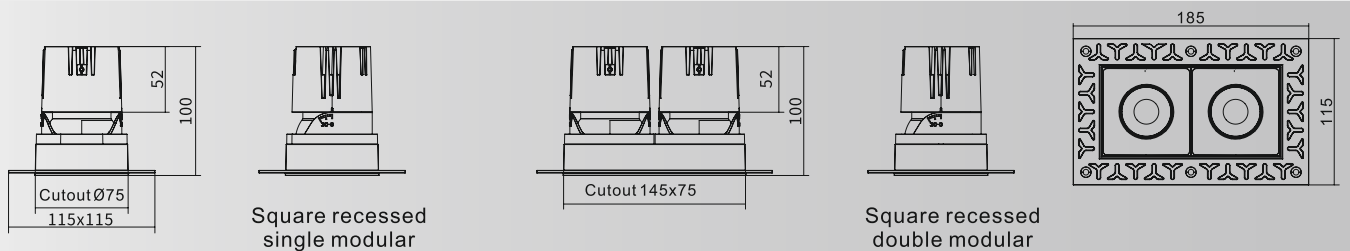
## DIAGRAMS

Unit:MM

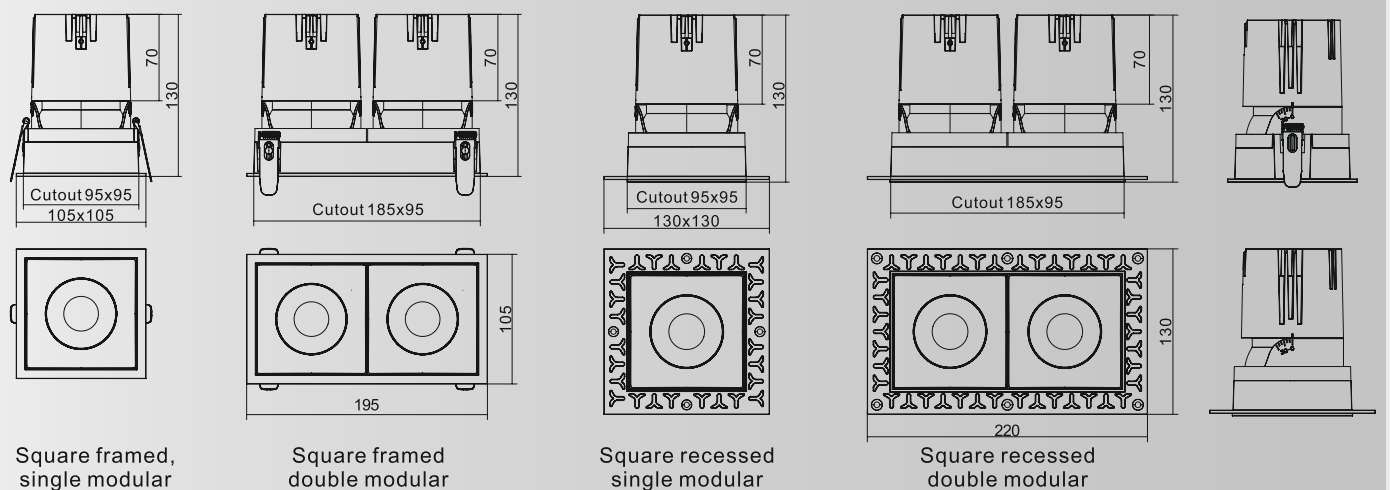
Square framed / recessed, Ø55 hole



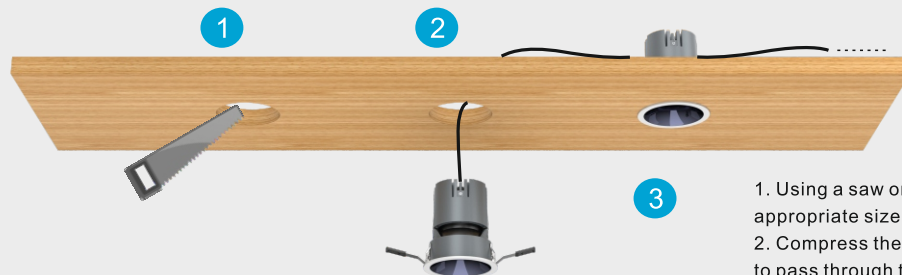
Square recessed, Ø75 hole



Square framed / recessed, Ø95 hole



## INSTALLATION METHODS



1. Using a saw or hole-cutting tool, cut an opening of the appropriate size based on the fixture's cutout dimensions.
2. Compress the fixture's spring clips to allow the wiring to pass through the cutout.
3. Once installed, the spring clips automatically engage the hole, securing the fixture firmly in place to prevent it from falling.