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Master in LED Lights

VANITY COB

Wow, you're so beautiful!



Beauty Mirror Light



BEAUTY MIRROR LIGHT

Working Philosophy:

- Polarized design, no shadow on the face.
- Special color rendering index R15 up to 98
- High color rendering index, restore the real skin color

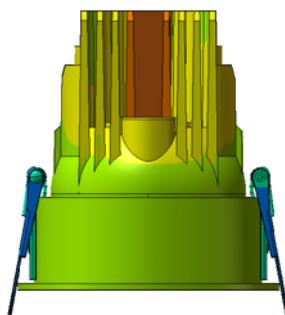
TRADITIONAL MIRROR LIGHT

- Direct light creates double shadows on the face
- Low color rendering index: RA80, uneven lighting

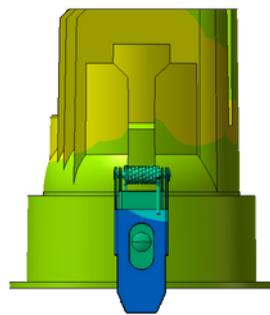


THERMAL MANAGEMENT

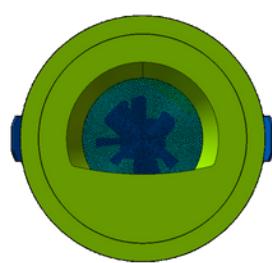
Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.



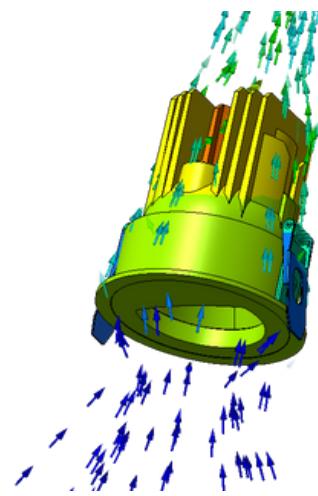
Thermal Conductivity



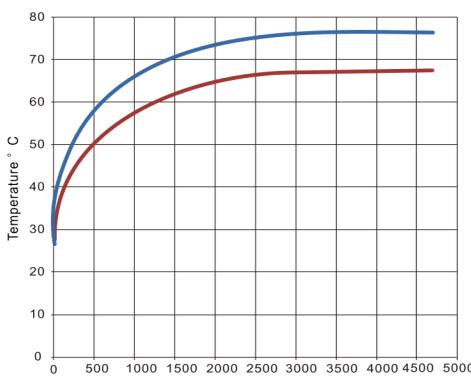
Thermal Conductivity



Thermal Conductivity



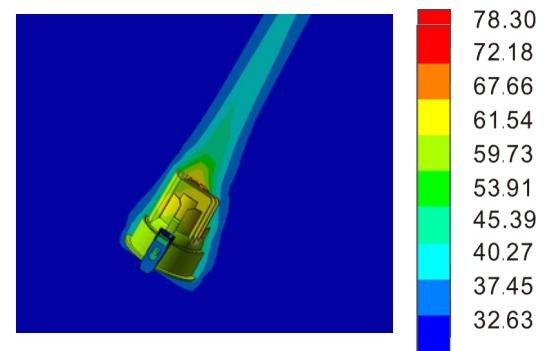
Thermal Air Convection



Temperature Rise Curve

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

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 exert 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.



Thermal Air Flow

Unit: °C

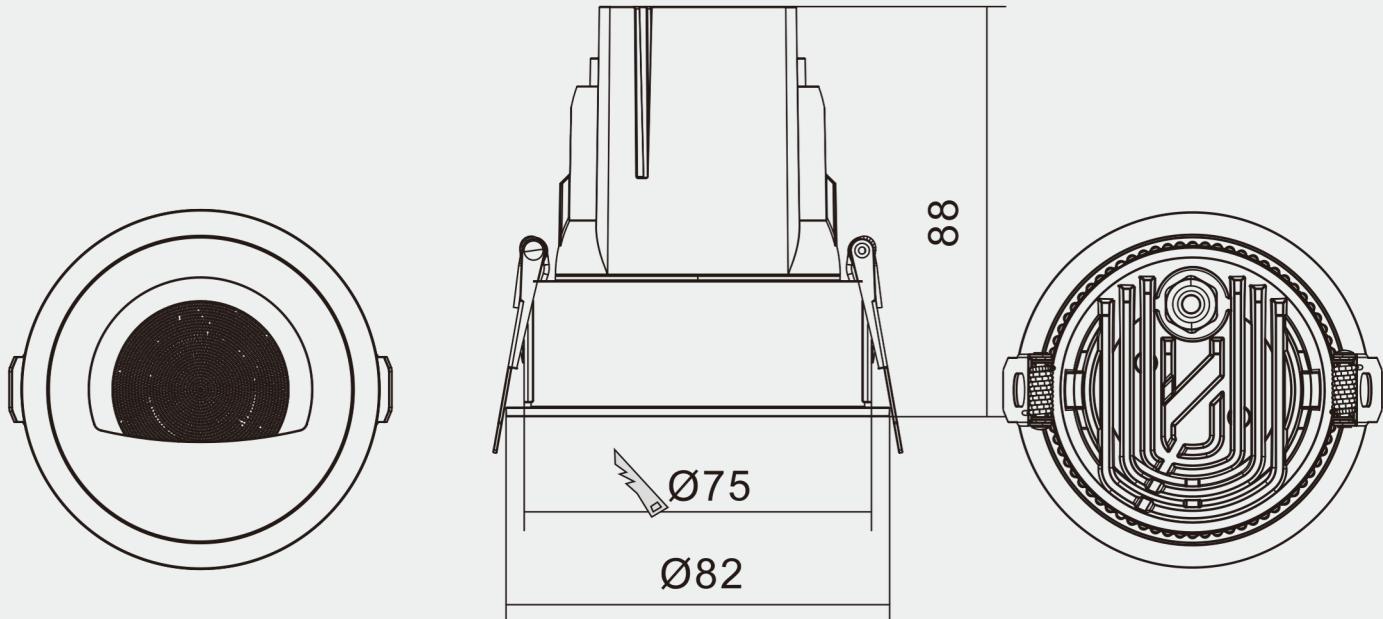
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EXPLODED VIEW

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DIMENSIONS



COMPSRISON

TRADITIONAL MIRROR LAMP

The uneven lighting on the face and heavy shadows on the sides prevented an accurate observation of the actual makeup.

BEAUTY MIRROR LIGHT

The lighting is even without dead angles, combining the functions of contour light and fill light. The skin is delicate and real without being pale, and the makeup is natural and realistic.

V | S

Uneven and unnatural light

Under the effect of top light, large shadows appear on the eye sockets and jaw. When applying makeup, you need to tilt your head to reduce the shadows.

The tip of the nose and cheeks appear highlighted, making it difficult to judge the amount of makeup needed

The light at the chin is not bright enough

The light is natural and even, without highlighting unnecessary parts of the face

Eyes are full of light, sparkling

The light is even and smooth, and the makeup details are clear

The light is reflected by the mirror, which adds brightness to the chin and softens the shadow

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OPTICAL CONCEPT

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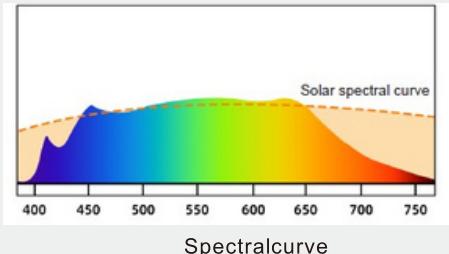


Beauty mirror light:
The color is accurate
and transparent, and
the makeup will not
go wrong.

CRI:RA98
IES:Rf98,Rg102

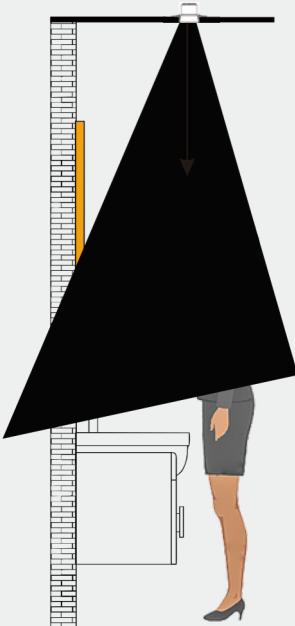
Ordinary mirror headlight:
The color is dim, and there
are shadows on the side
face and bottom.

CRI:RA80

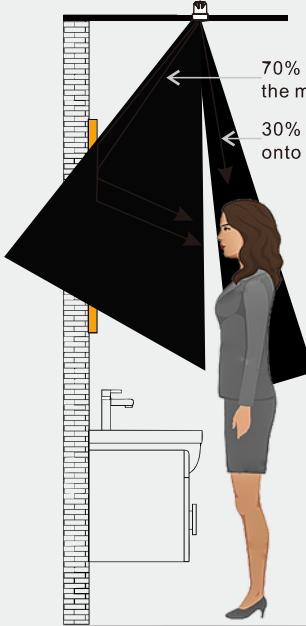


POLARIZED LENS

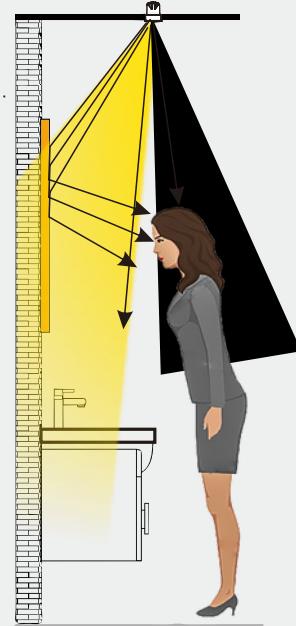
Polarized lenses can effectively
filter out stray light, reduce glare,
improve visual comfort, optimize
light distribution, and make lighting
more efficient and natural.



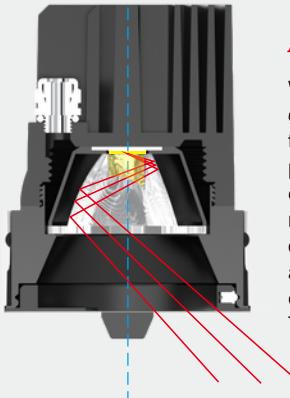
Ordinary mirror lights: direct light, no fill
light, create double shadows on the face,
the closer the person is to the mirror, the
light will be blocked by the head, and the
less light will be obtained.



Beauty mirror light: The light is reflected
by the mirror, which effectively eliminates the
shadows on the face and makes the face softer.



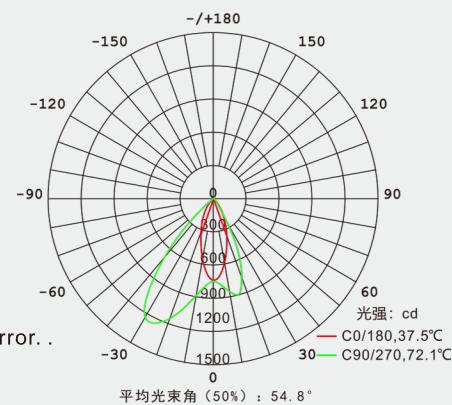
Patented optical design.
The closer you are to the mirror,
the more light your face will receive.



ADVANTAGES OF POLARIZED DESIGN:

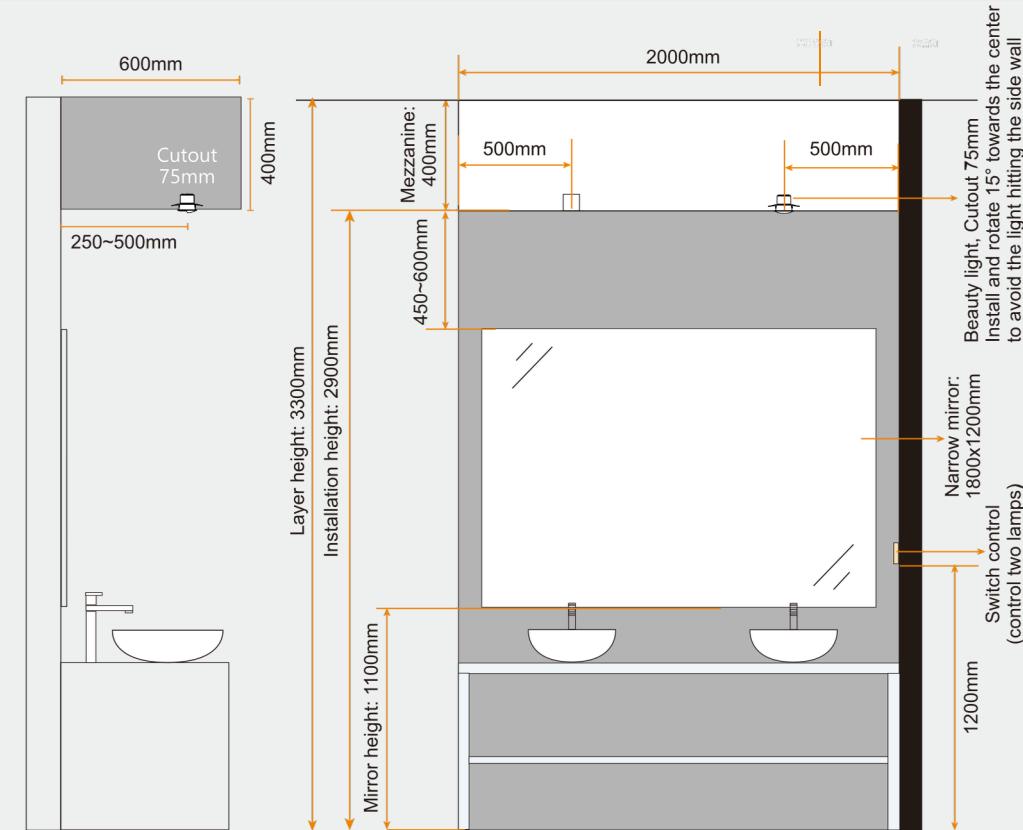
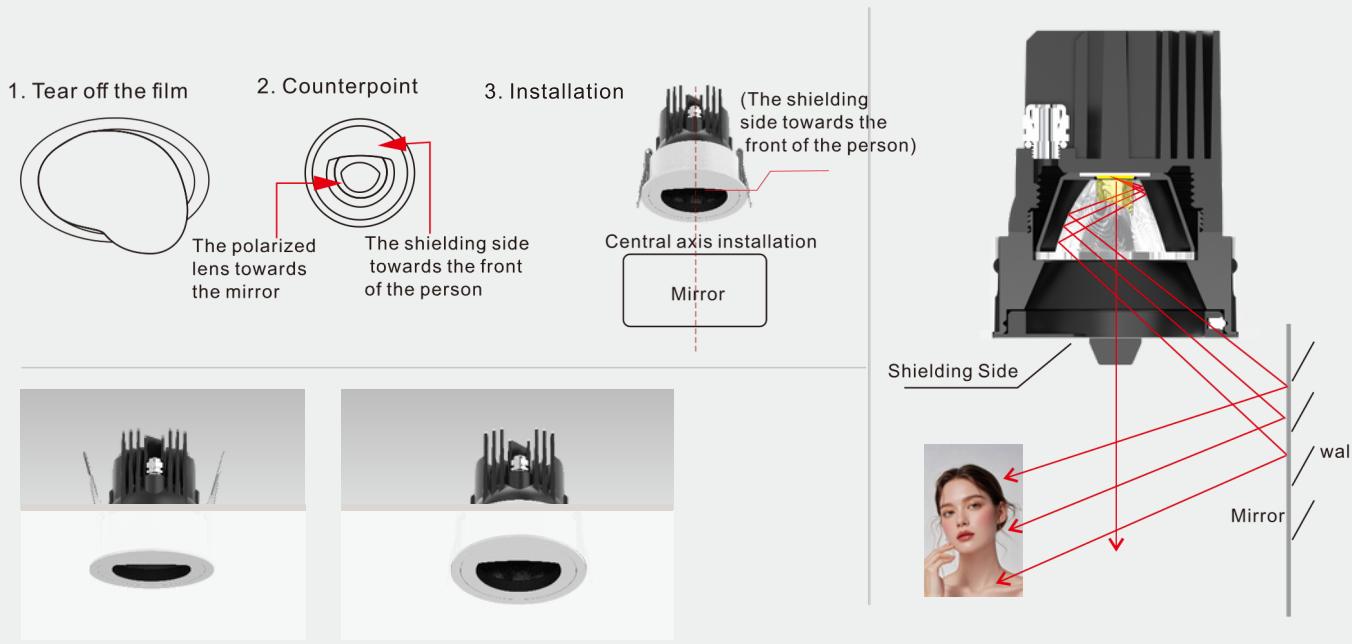
When designing the secondary optical structure
of the lamp, the 'collimated light path' in the
traditional TIR lens is modified into a single-sided
polarized ray path. The advantage of this is that it
cleverly uses the reflection of the lamp light on the
mirror surface to illuminate the face. It avoids the
disadvantage of projecting light on the top of the head
and forming a shadow on the face when designing the
collimated light path of the traditional lens.

Thereby forming a more 'beautifying' face effect in the mirror. .





INSTALLATION INSTRUCTIONS



Serial number	Person height	Counter width	Distance from the top of the mirror to the ceiling	Horizontal distance from the center of the lamp to the mirror
A	1.4-1.75m	50-60cm	30cm	30-40cm
B	1.6-1.95m	50-60cm	40cm	40-60cm



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