ENJOY THE LIGHT

LOVE YOUR EYES

**ART
DNA**

ENTERPRISE INTRODUCTION

The ARTDNA brand was founded in 2012 and is one of the two major brands of Zhongshan Gamder Electric Appliance Co., Ltd.

Our company is committed to the development and production of professional lighting, electrical, and intelligent products for the construction and medical fields.

We are recognized as a "high-tech enterprise" by the state and are a global innovator of intelligent and lighting technology.

We have sales and agency offices in 13 countries worldwide and hold over 120 patents in China.

German Red Dot Design Award

Reflected Light Patent Certificate

National CNAS Laboratory

ISO9001 Certificate

National-Level Museum Adoption Case

PCT International Invention Patent Certificate

High-Tech Enterprise Certificate

Governing Unit of China Standardization Administration

MULTIPLE INTERNATIONAL HONORS
HIGH BRAND RECOGNITION

Gamder V23 Switch Panel

reddot winner 2022

Red Dot Award: Product Design

SUSTAINABILITY

Our company's goal is to create solutions for a cozy lighting environment. We have a unique wealth of experience and expertise in light and its effects on people, both physically and mentally. A strong sense of responsibility for the environment and the sustainable use of resources are also an important part of our corporate consciousness. We are committed to achieving harmony between lighting quality and energy efficiency, always considering the need to provide a comfortable light environment and optimal lighting results for human beings. Our lighting solutions are user-friendly, eco-friendly, safe, and comply with existing standards. Whether in homes, commercial spaces, healthcare and educational institutions, libraries, or museums, we support adding value to buildings, improving health and comfort, increasing productivity, and utilizing light to create truly sustainable buildings.
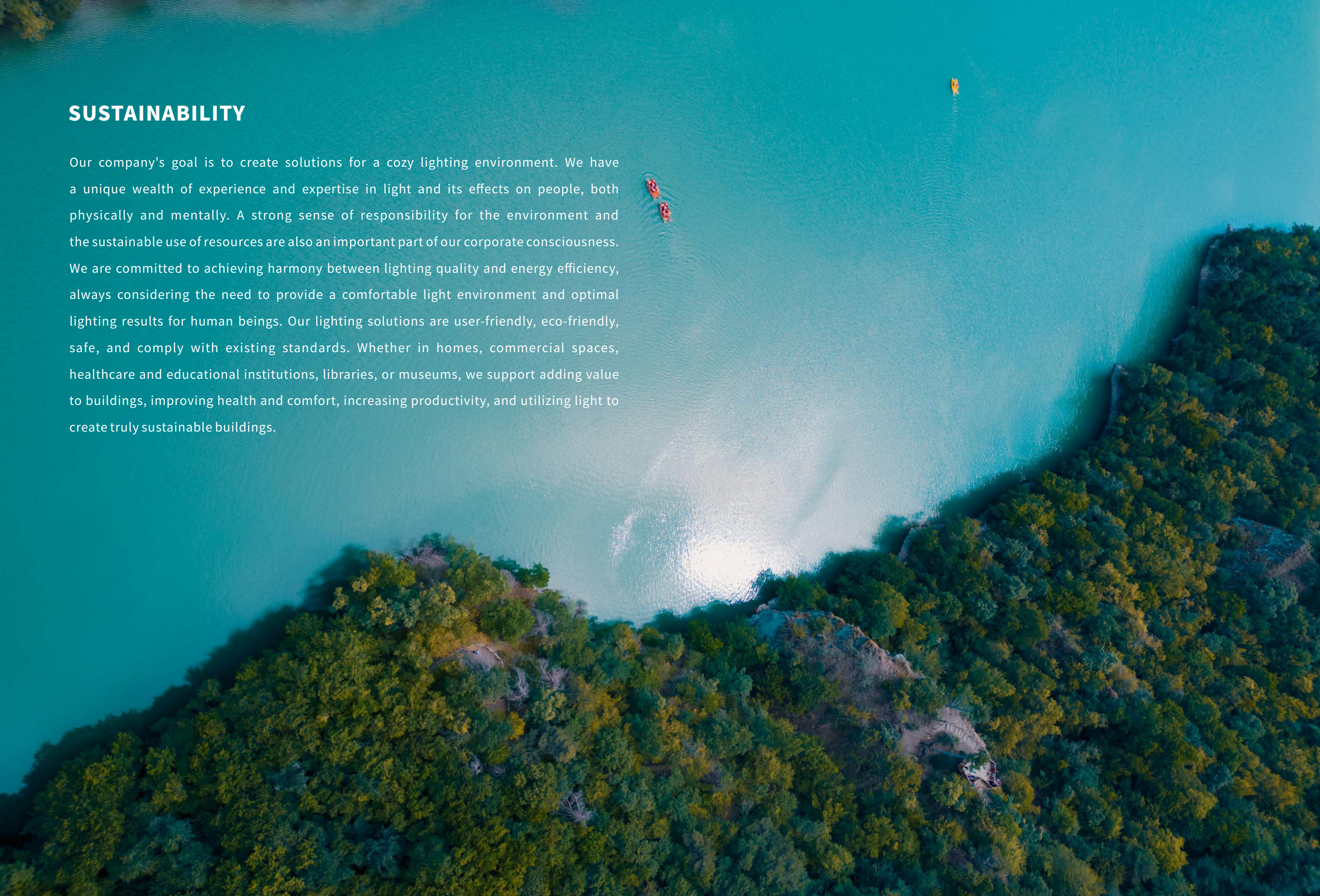
ENJOY THE LIGHT
LOVE YOUR EYES

We can realize light quality inspired by natural light, pioneering the integration of lighting technology and the design behind it with people and their senses, developing lighting products with less than standard glare values, and creating dynamic solutions for healthy, future-oriented living spaces.

Our "zero-glare" technology also contributes to optimal well-being and maximum concentration. It reduces glare values in an unprecedented way and mimics natural light, for which the intensity of blue wavelengths is reduced to protect eyesight.

Compared to traditional LED luminaires, this glare control and spectral distribution are much more comfortable, ensuring a good comfort experience and concentration, both for focused work and communication. In the industry, our lighting products are not only functional but also aesthetically pleasing.
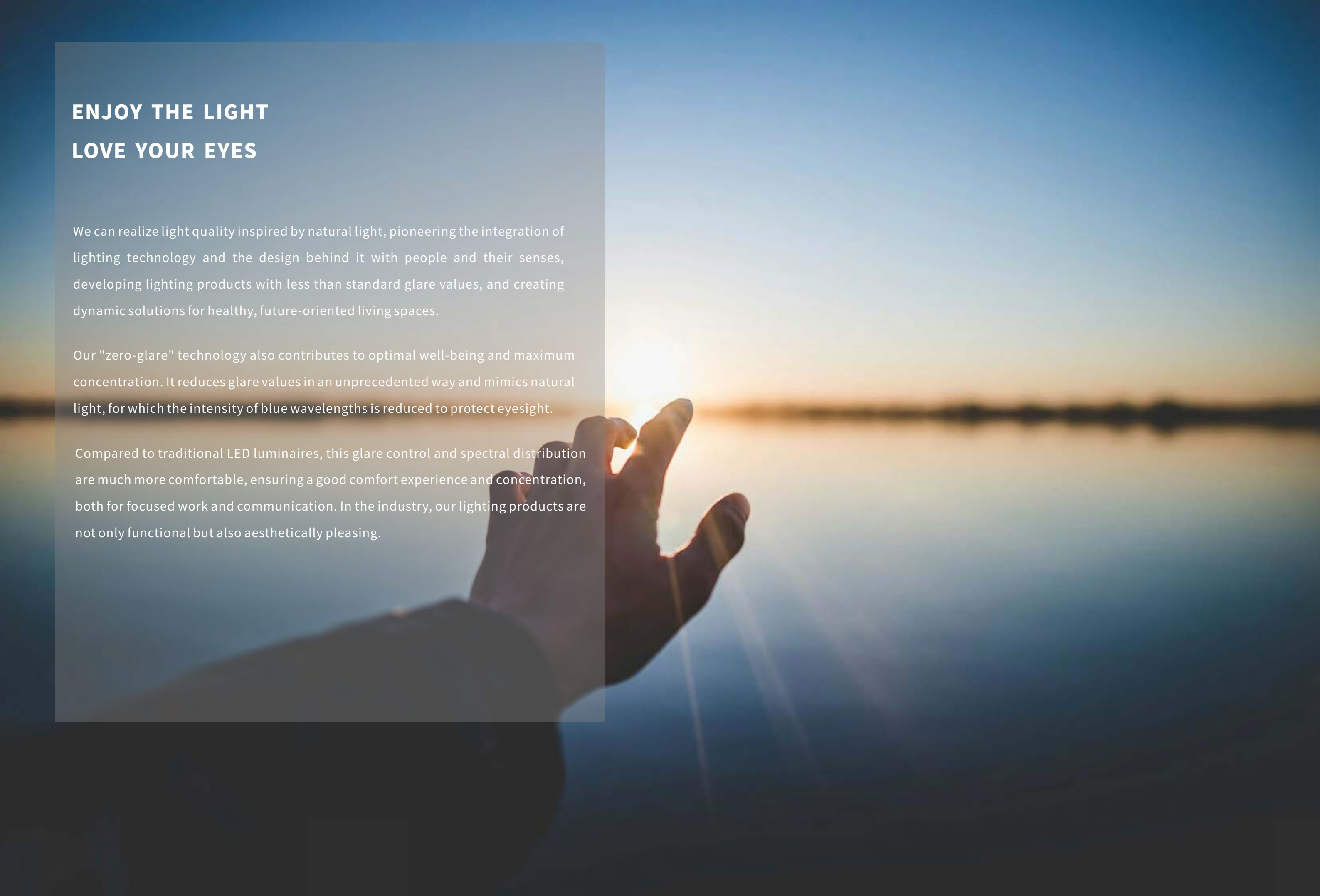
ANTI-GLARE IS ANTI-ANXIETY

In the hustle and bustle of life, anxiety seems to be our shadow, following us wherever we go.

In the interplay of light and shadow, what we pursue is not only bright, we are always looking for a touch of gentle light that can soothe the soul. Zero Glare, in the name of technology, creates a comfortable world without glare for you. It wraps around your every moment, allowing you to find a peaceful place of your own amid busyness and stress, effectively resisting the intrusion of anxiety.

Choosing it is choosing a healthier and more comfortable lifestyle. Let anti-glare become your solid shield against anxiety.
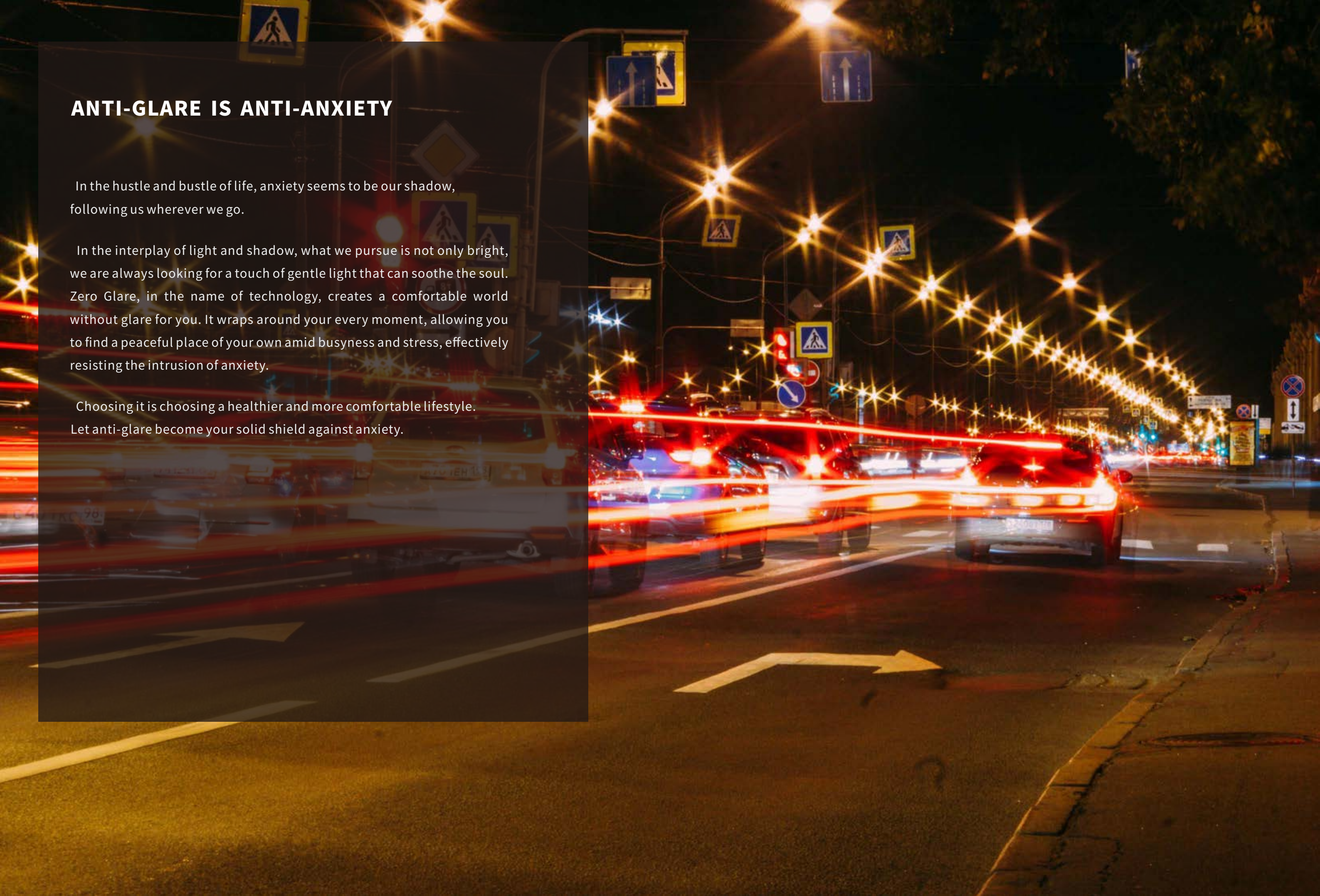
REFLECTED LIGHT DESIGN
UGR≤0

ARTDNA reflected light luminaire adopts Calculus Reflector Light Control Technology to accurately control the light and its distribution, with a high anti-glare index (UGR≤0), basically realizing a zero-glare value.

In the application scenes, it can significantly reduce the discomfort of the human eye to the glare produced by the lamps after lighting, effectively reduce the generation of glare, make the light as smooth as silk, and gently sprinkle every corner, creating a comfortable light environment and atmosphere.

Whether for late-night reading or daily office work, you can enjoy a glare-free visual feast that keeps your eyes free from fatigue and your mind relaxed.

Reflected light
Design

Zero Glare Spotlight Test Report

National-Level Museum Adoption Case

LOW TEMPERATURE

ARTDNA reflected light technology can effectively reduce the surface problems of illuminated objects (fruits, artworks, etc.), such as damage to the illuminated surface and faster dehydration due to direct light from the light-emitting chip.

LOW GLARE

ARTDNA reflected light luminaire adopts the Calculus Reflector Light Control Technology, has a high anti-glare index (UGR<0), and achieves zero-glare value. In application scenes, it can significantly reduce the discomfort of the human eye to the glare produced when the lamps are on, creating a cozy light environment and atmosphere.

SHOW DETAILS

Utilize the extremely strong penetrability of light to improve the transparency of the lighting space.

LIGHT CONTROL

ARTDNA light series, through the optimization of the light output and the optical reflector using advanced control technology, allows each ray of light to be cut and differentiated for processing, effectively controlling the direction of the light and finally overlapping and superimposing at the center of the light field, forming a very uniform light spot and focusing the output, so that the direction of light tends to be more consistent, to enhance the effective luminous flux to 93%, to control and reduce the output of glare.

HIGH FIDELITY

We fully understand the requirement of high consistency in lighting quality, ARTDNA adopts

high quality and high consistency LED chips (exceeding the ANSI graded LED standard),

together with the Calculus Reflector Light Control Technology, to accurately control the light output,

resulting in a pure light color, good consistency, high color rendering index, and high fidelity.

Ra98

Ra80

HIGH CRI
Full Spectrum, True Color

The color of the same food under different color rendering index, the higher the

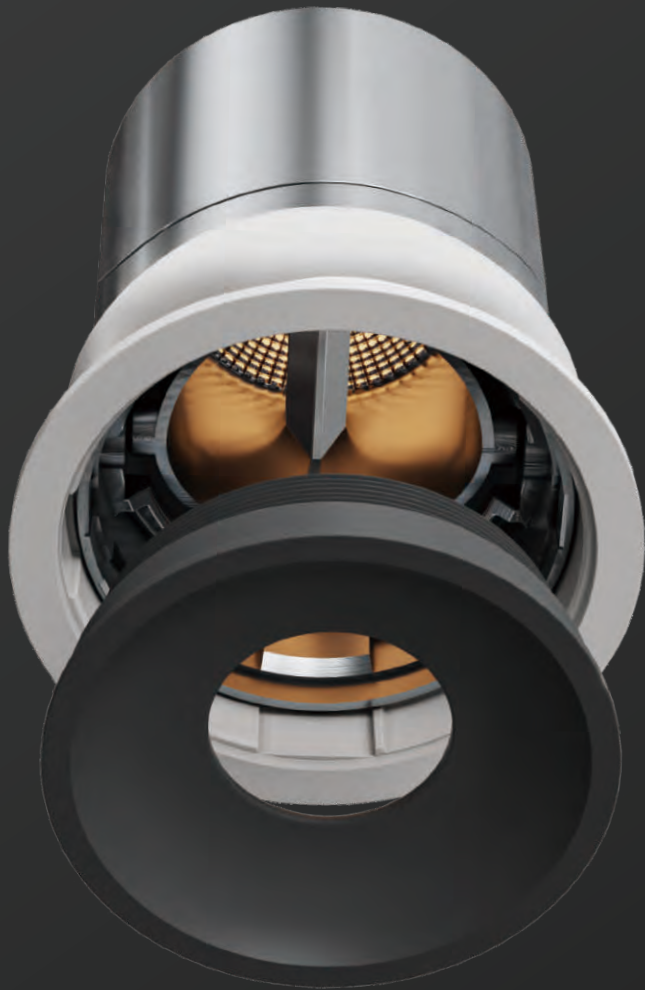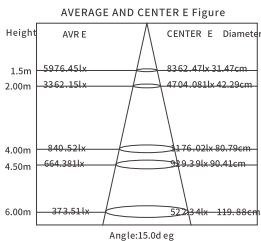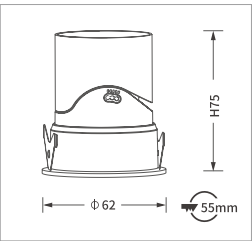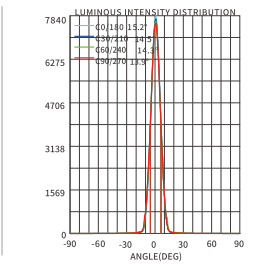color rendering index, the more realistic the color of the food.

UGR≤0
Completely
Reflected Light

UGTH6275YARS
POWER:7W

UGTH6275YAZRS
POWER:0-7W+7W
CCT:2500-5000K

AVERAGE AND CENTER E Figure

HT75

Φ62   55mm

Height	AVR E	CENTER E	Diameter
1.5m	5976.45lx	8362.47lx	31.47cm
2.00m	3362.15lx	4704.081lx	42.29cm
4.00m	840.52lx	1176.02lx	80.79cm
4.50m	664.381lx	929.39lx	90.41cm
6.00m	373.51lx	522.34lx	119.88cm

Angle:15.0d eg

UGTH6275YBRS
POWER:7W

UGTH6275YBZRS
POWER:0-7W+7W
CCT:2500-5000K

LUMINOUS INTENSITY DISTRIBUTION

INTENSITY(cd) UNIT:cd

AVERAGE BEAM ANGLE(50%):14.9D EG

LUMINOUS INTENSITY DISTRIBUTION

ANGLE(DEG)
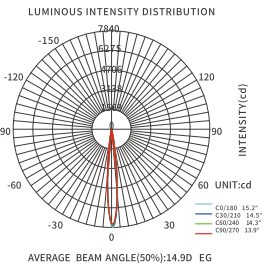
UGTH6275YCRS
POWER:7W

UGTH6275YCZRS
POWER:0-7W+7W
CCT:2500-5000K

2700K Ra 90	15°	ON/OFF	0-10V Optional	DW
3000K Ra 90	24°	UGR3	0-220V Optional	
3500K Ra 90	36°	h	DALI Optional	
4000K Ra 90			Smart Light	
5000K Ra 90				
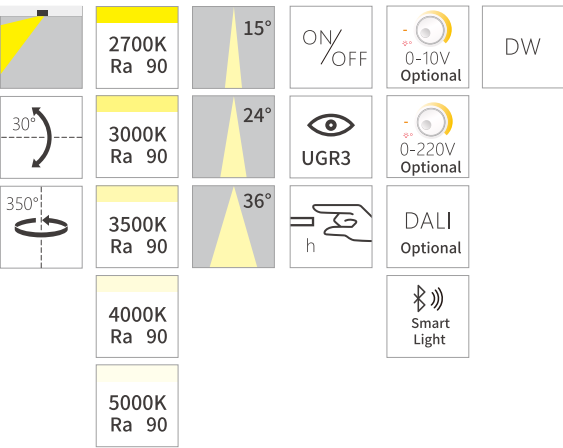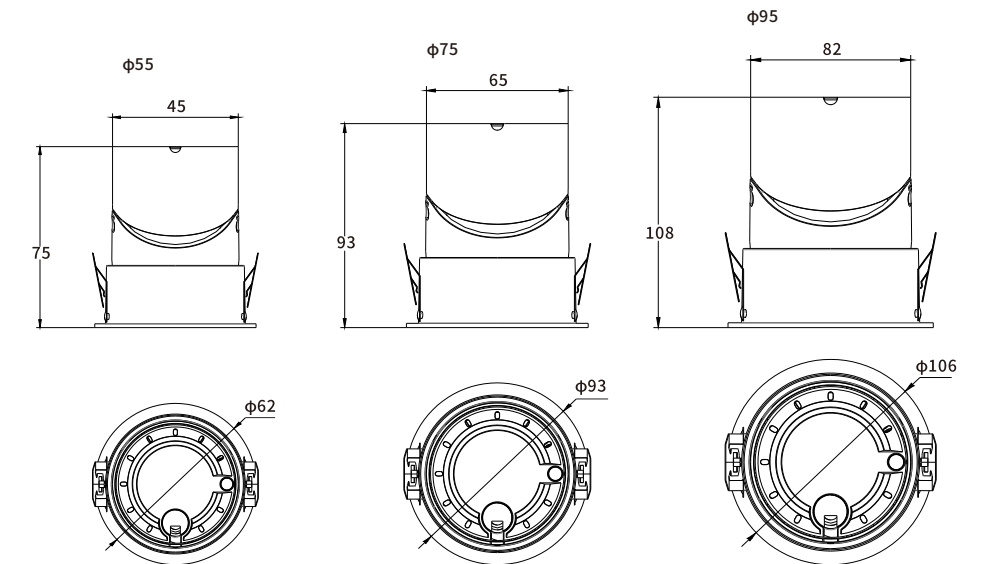
Model : T1 Series Spotlight

Parameters

■ Cutout Hole Size	φ55mm	φ75mm	φ95mm
■ Power	7W	12W	15W
■ Input	220V	220V	220V
■ Luminous Flux	320lm	550lm	670lm
■ Beam Angle	24°	24°	24°
■ Ra	Ra≥95	Ra≥95	Ra≥95
■ UGR	-1.5~4.5	-1~2.5	-3~1
■ Color	Grey	Grey	Grey
■ CCT	2700k~5700K/4000k		

Functional Characteristics

- ■ Deep cylinder structure, More significant anti-glare effect
- ■ Zero-glare optics, Eye protection and anti-anxiety
- ■ Comply with national safety standards, Safe and Secure
- ■ Intelligent control system, Connectable to Mijia, Tuya and other customised protocols

Reflected Light Design   Intelligent Control   Precision Structure
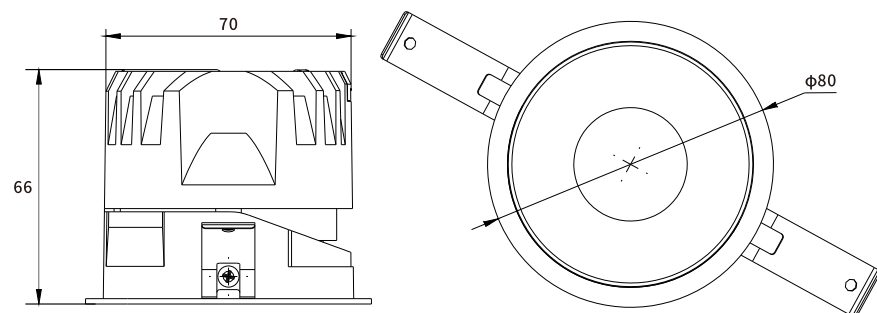
Model :T3 Series Spotlight

Parameters

Cutout Hole Size	φ75mm	φ75mm	φ75mm
Power	7W	9W	12W
Input	220V	220V	220V
Luminous Flux	315lm	405lm	550lm
Beam Angle	24°/36°	24°/36°	24°/36°
Ra	Ra≥95	Ra≥95	Ra≥95
UGR	-1~2.5	-1~2.5	-1~2.5
Color	Black/White	Black/White	Black/White
CCT	2700k~5700k/4000k		

Functional Characteristics

- Zero-glare optics, Eye protection and anti-anxiety

- Comply with national safety standards, Safe and Secure

- Intelligent control system, Connectable to Mijia, Tuya and other customised protocols

Reflected Light Design   Intelligent Control   Precision Optics

φ82.5

73

14.3
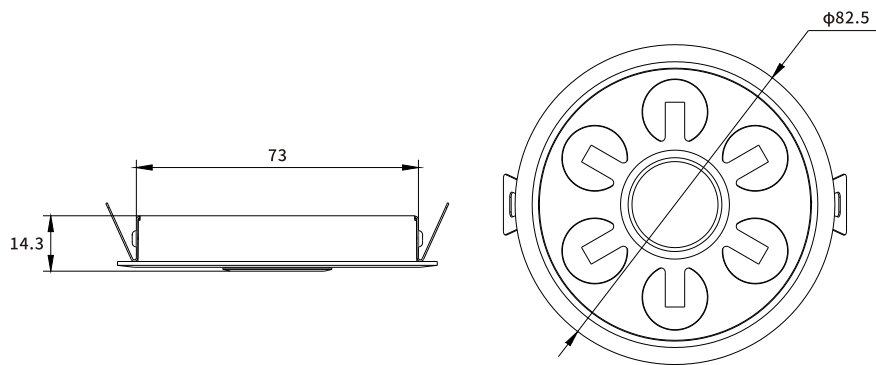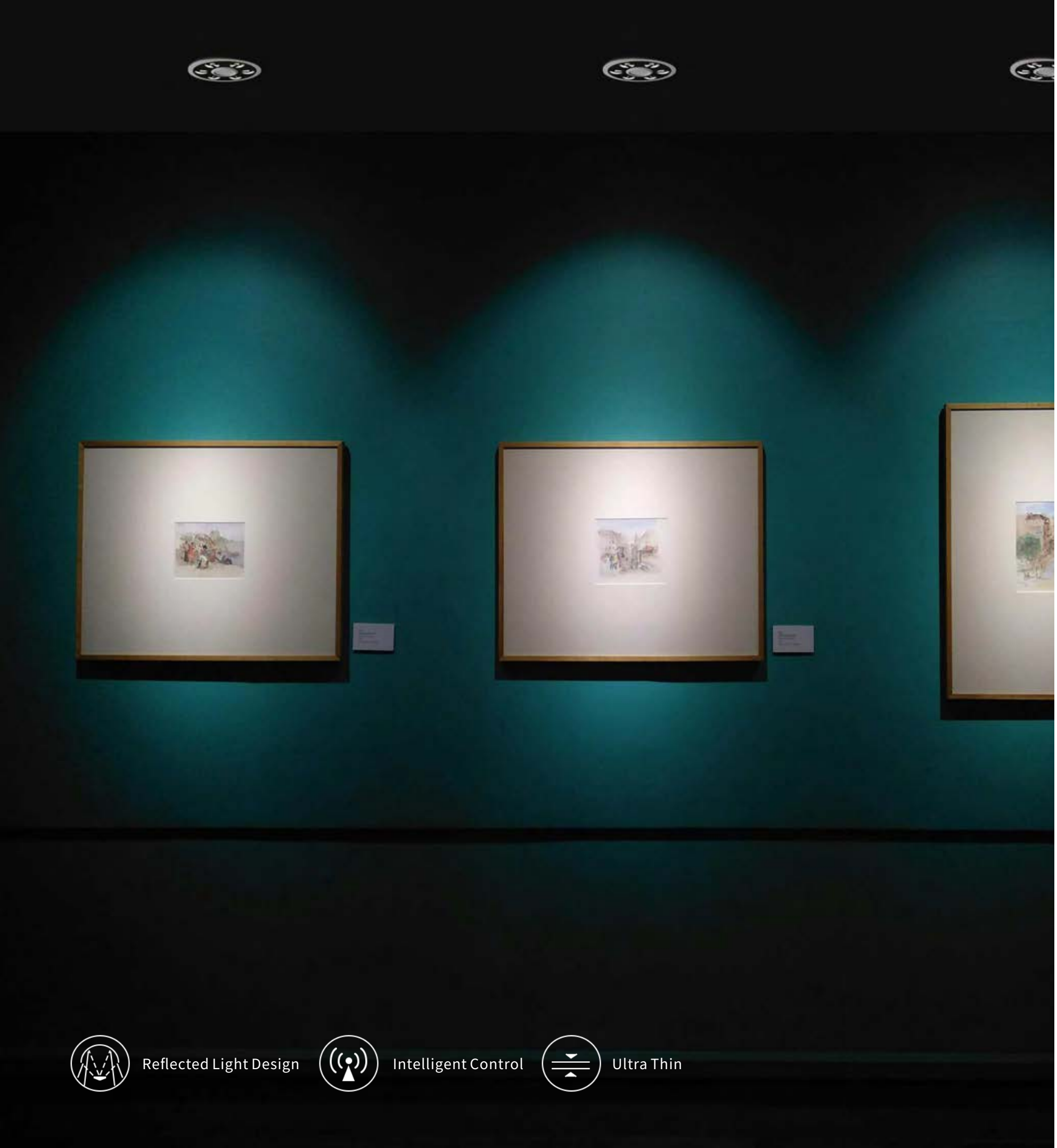
Model : T6 Series Spotlight

Parameters

■ Cutout Hole Size	φ75mm
■ Power	6W
■ Input	220V
■ Luminous Flux	360lm
■ Beam Angle	24°
■ Ra	Ra≥95
■ UGR	3.5~7
■ Color	Stainless Steel/White
■ CCT	2700k~5700k/4000k

Functional Characteristics

■ Ultra-thin exterior design, Free of ceiling restrictions

■ Zero-glare optics, Eye protection and anti-anxiety

■ Comply with national safety standards, Safe and Secure

■ Intelligent control system, Connectable to Mijia, Tuya and other customised protocols
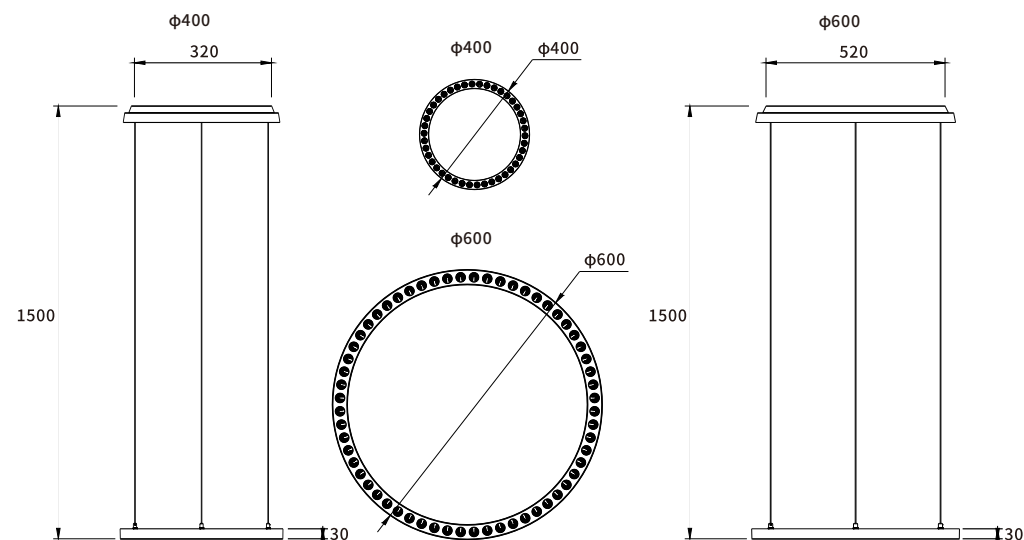
Reflected Light Design   Intelligent Control   Ultra Thin

Model :Reflected Light Ring Chandelier

Parameters

■	Dimensions	φ400mm	φ600mm
■	Power(Outer Ring)	30W	50W
■	Power(Backlight)	48W	60W
■	Input	220V	220V
■	Luminous Flux	1800lm	2900lm
■	Beam Angle	36°	36°
■	Ra	Ra≥95	Ra≥95
■	UGR	-0.5~4	-0.5~3
■	Color	Black/White/Grey	
■	CCT	2700k~5700k/4000k	

Functional Characteristics

- ■ Manual and automatic lifting options
- ■ Zero-glare optics, Eye protection and anti-anxiety
- ■ Comply with national safety standards, Safe and Secure
- ■ Intelligent control system, Connectable to Mijia, Tuya and other customised protocols
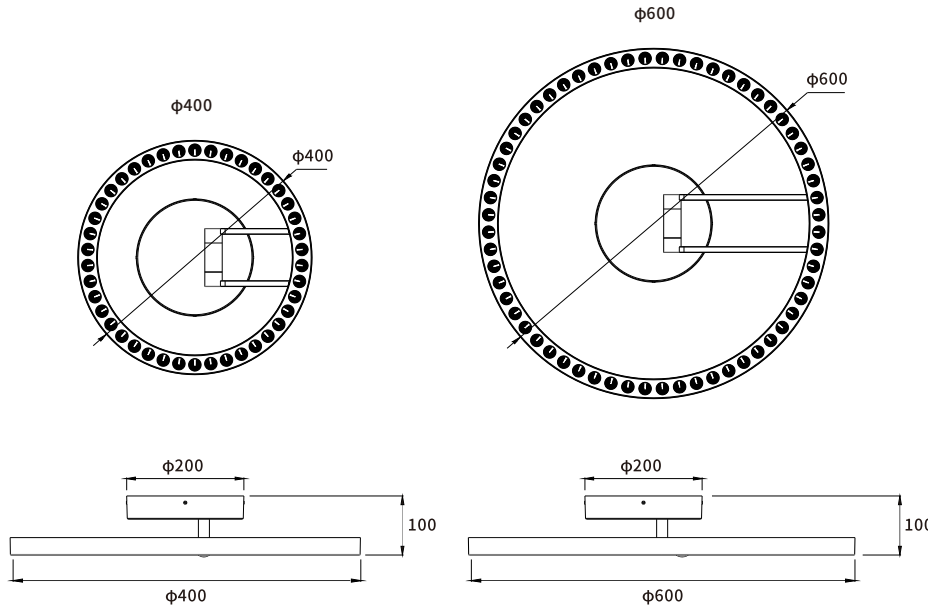- ■ Backlighting options, More variety in appearance

Reflected Light Design   Intelligent Control   Automatic Lifting

Model : Reflected Light Ring Ceiling Light (Adjustable Angle)

Parameters

Dimensions	φ400mm	φ600mm
Power(Outer Ring)	30W	48W
Power(Backlight)	48W	60W
Input	220V	220V
Luminous Flux	1800lm	2900lm
Beam Angle	36°	36°
Ra	Ra≥95	Ra≥95
UGR	-0.5~4	-0.5~3
Color	White/Grey	White/Grey
CCT	2700k~5700k/4000k	

Functional Characteristics

- -30°~30°adjustable angle, Change the light area as you wish
- Zero-glare optics, Eye protection and anti-anxiety
- Comply with national safety standards, Safe and Secure
- Intelligent control system, Connectable to Mijia, Tuya and other customised protocols

Reflected Light Design   Intelligent Control   Arbitrary Angle Adjustment

φ400
45
φ400

φ600
45
φ600
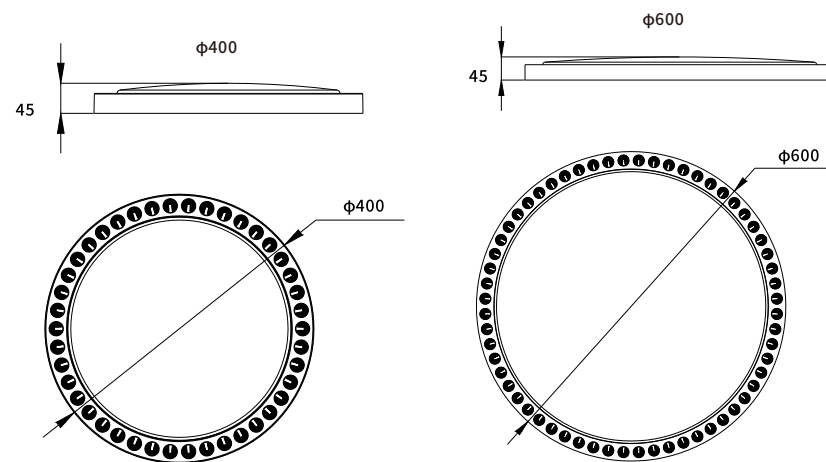
Model :Reflected Light Ceiling Light (Composite Ring)
Parameters

Dimensions	φ400mm	φ600mm
Power(Outer Ring)	30W	50W
Power(Inner Ring)	30W	50W
Input	220V	220V
Luminous Flux	1800lm	2900lm
Beam Angle	36°	36°
Ra	Ra≥95	Ra≥95
UGR	-0.5~4	-0.5~3
Color	White/Grey	White/Grey
CCT(Outer Ring)	2700k~5700k/4000k	
CCT(Inner Ring)	2700k/4000k/5700k	

Functional Characteristics

- Includes spotlight and floodlight effects,
  Switchable between no main light and main light styles

- Zero-glare optics, Eye protection and anti-anxiety

- Comply with national safety standards, Safe and Secure

- Intelligent control system, Connectable to Mijia,
  Tuya and other customised protocols
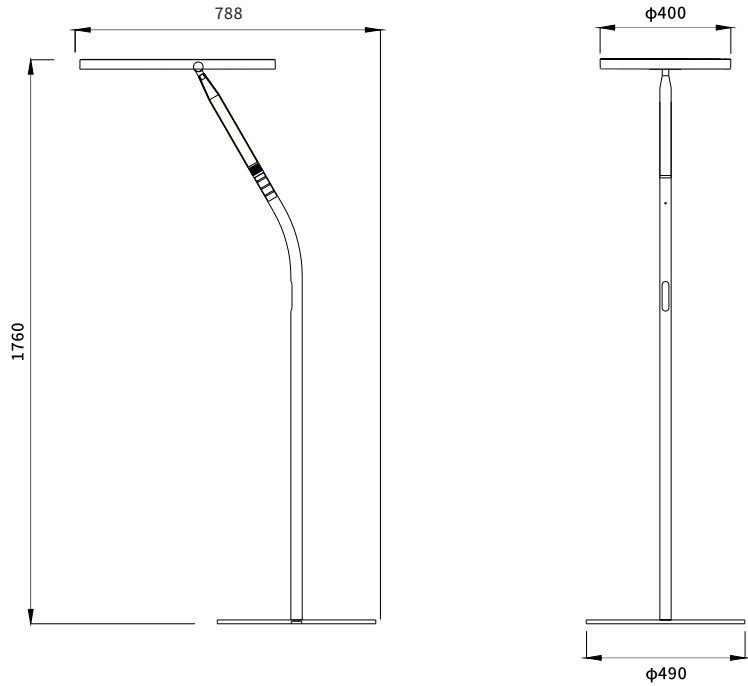
Reflected Light Design   Intelligent Control   Fusion of Floodlight and Spotlight

788 φ400

1760

φ490

Model :Reflected Light Ring Floor Light

Parameters

■ **Light Head Size**	φ400mm
■ Power	30W
■ Input	220V
■ Luminous Flux	1800lm
■ Beam Angle	36°
■ Ra	Ra≥95
■ UGR	-0.5~4
■ Color	Black/White
■ CCT	2700k~5700k/4000k

Functional Characteristics

■ Touch screen control, Dimming easier
■ Zero-glare optics, Eye protection and anti-anxiety
■ Comply with national safety standards, Safe and Secure

Reflected Light Design   Arbitrary Angle Adjustment

2142

2146.58

φ400

φ490

Model :Reflected Light Ring Floor Light

Parameters

■ **Light Head Size**	φ400mm
■ **Power**	30W
■ **Input**	220V
■ **Luminous Flux**	1800lm
■ **Beam Angle**	36°
■ **Ra**	Ra≥95
■ **UGR**	-0.5~4
■ **Color**	Black
■ **CCT**	2700k~5700k/4000k

Functional Characteristics

■ Touch screen control, Dimming easier

■ Zero-glare optics, Eye protection and anti-anxiety

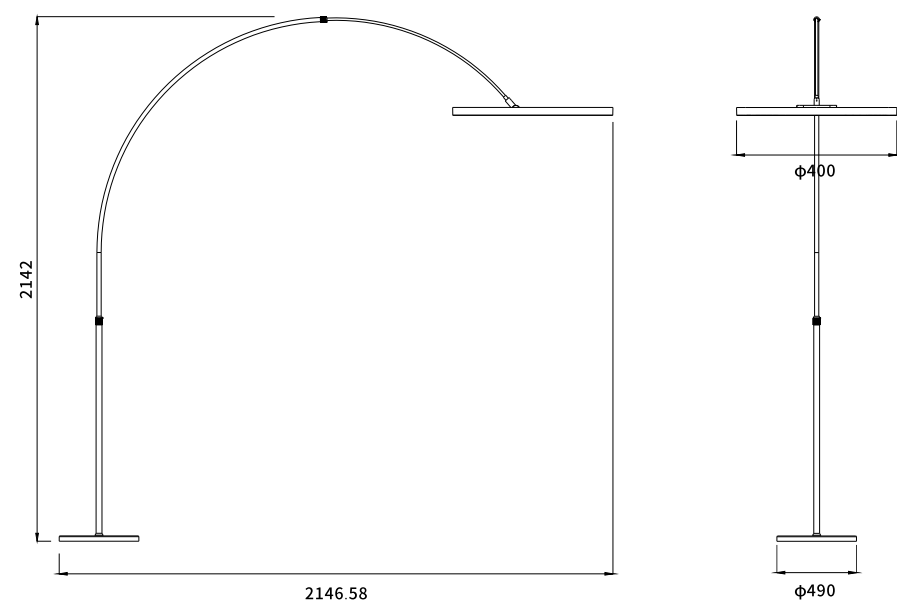■ Comply with national safety standards, Safe and Secure

Reflected Light Design

Arbitrary Angle Adjustment

Model :Reflected Light Linear Floor Light

Parameters

■ **Light Head Length**	1330mm
■ **Power(Main Light)**	36W
■ **Power(Backlight)**	44W
■ **Input**	220V
■ **Luminous Flux**	2200lm
■ **Beam Angle**	36°
■ **Ra**	Ra≥95
■ **UGR**	-2.5 ~ -1
■ **Color**	Black/Blue-Grey
■ **CCT**	2700k~5700k/4000k

Functional Characteristics

■ Touch screen control, Dimming easier

■ Zero-glare optics, Eye protection and anti-anxiety

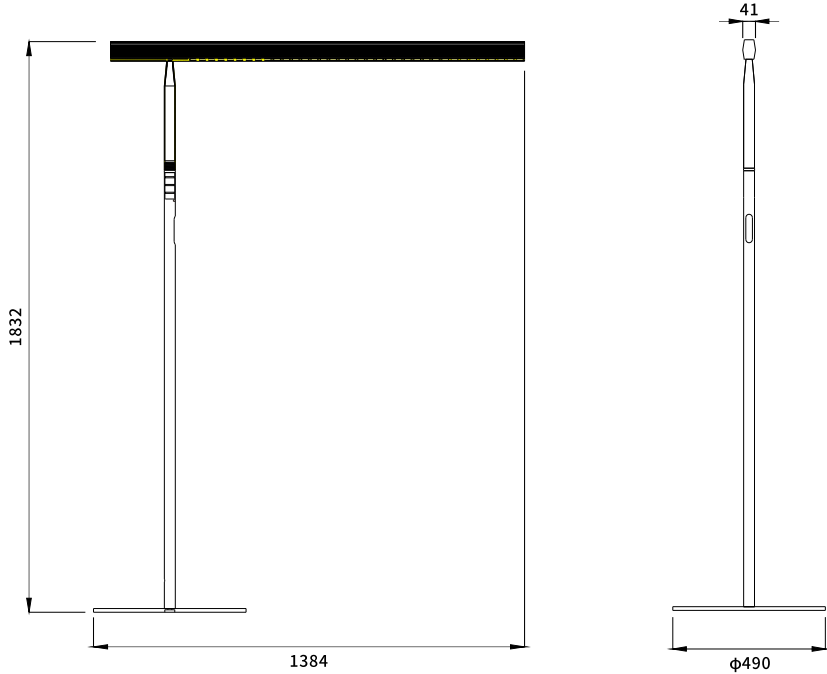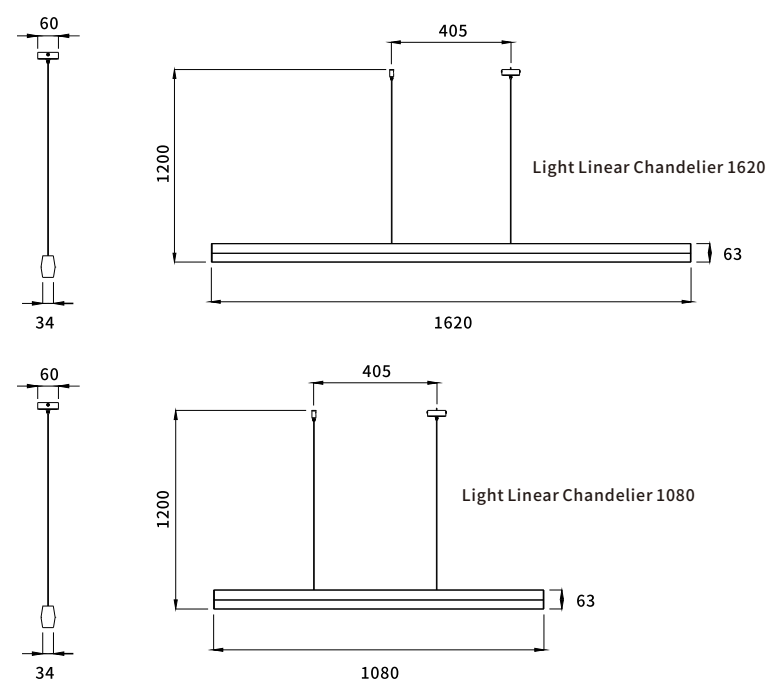■ Comply with national safety standards, Safe and Secure

Reflected Light Design   Low Blue Light Design

Light Linear Chandelier 1620

60 · 405 · 1200 · 1620 · 63 · 34

Light Linear Chandelier 1080

60 · 405 · 1200 · 1080 · 63 · 34

Model :Reflected Light Linear Chandelier

Parameters

■	Dimensions	1080mm	1620mm
■	Power	36W	54W
■	Power(Backlight)	44W	70W
■	Input	24V	24V
■	Luminous Flux	1800lm	2700lm
■	Beam Angle	36°	36°
■	Ra	Ra≥95	Ra≥95
■	UGR	-2.5～-1	-2.5～-1
■	Color	Black/Blue-Grey	Black/Blue-Grey
■	CCT	2700k~5700k/4000k	

Functional Characteristics

■ Fixed, Manual, and Automatic lifting options

■ Zero-glare optics, Eye protection and anti-anxiety

■ Comply with national safety standards, Safe and Secure

■ Intelligent control system, Connectable to Mijia,
Tuya and other customised protocols

Reflected Light Design   Intelligent Control   Automatic Lifting

φ168

480

φ200
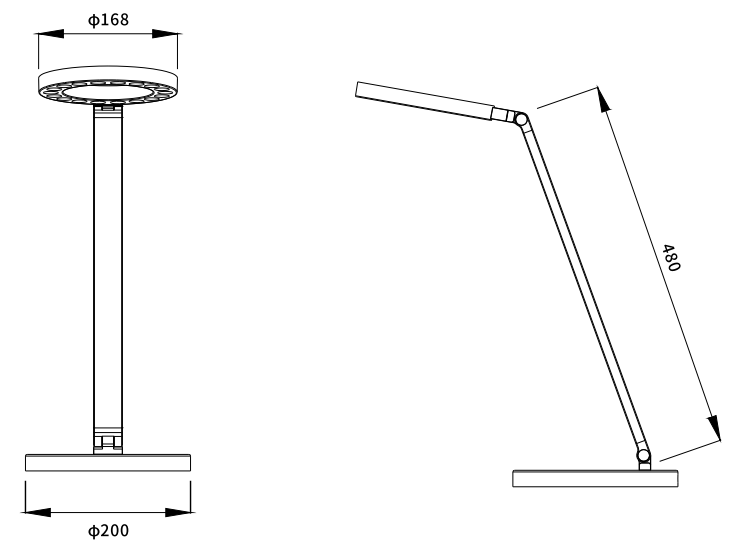
Model :Reflected Light Ring Desk Light

Parameters

■ **Dimensions**	φ200mm
■ **Power**	18W
■ **Input**	220V
■ **Luminous Flux**	810lm
■ **Beam Angle**	36°
■ **Ra**	Ra≥95
■ **UGR**	-6~-4
■ **Color**	Black/White
■ **CCT**	2700k~5700k

Functional Characteristics

■ AAA Eye Protection Lighting

■ Zero-glare optics, Eye protection and anti-anxiety

■ Comply with national safety standards, Safe and Secure

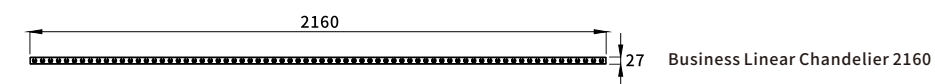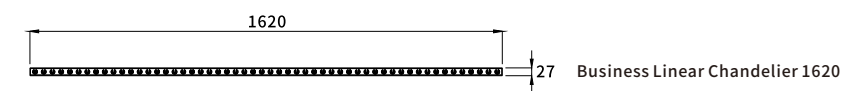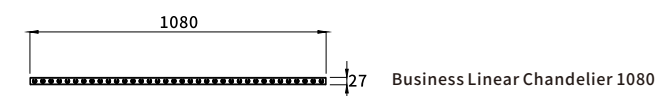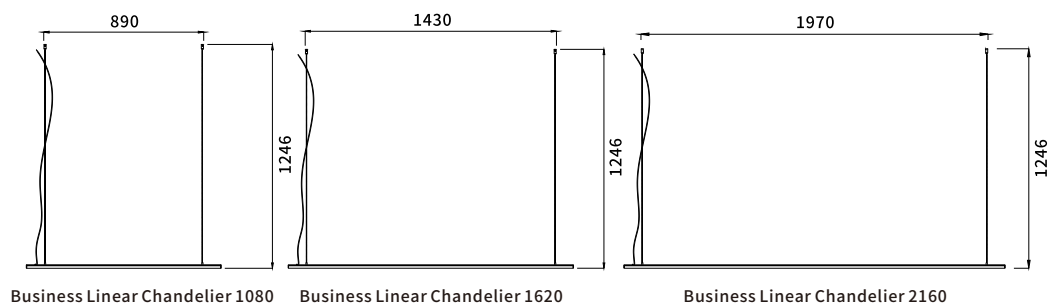■ Touch screen control, Dimming easier

Reflected Light Design   Low Blue Light Design

Business Linear Chandelier 1080   Business Linear Chandelier 1620   Business Linear Chandelier 2160

1080   27   Business Linear Chandelier 1080

1620   27   Business Linear Chandelier 1620

2160   27   Business Linear Chandelier 2160

Model :Reflected Light
Business Linear Chandelier

Parameters

Dimensions	1080mm	1620mm	2160mm
Power	36W	54W	72W
Input	24V	24V	24V
Luminous Flux	1800lm	2700lm	3600lm
Beam Angle	36°	36°	36°
Ra	Ra≥95	Ra≥95	Ra≥95
UGR	4~12	4~12	4~12
Color	Black	Black	Black
CCT	2700k~5700k/4000k		

Functional Characteristics

- Zero-glare optics, Eye protection and anti-anxiety

- Comply with national safety standards, Safe and Secure

- Intelligent control system, Connectable to Mijia, Tuya and other customised protocols

Reflected Light Design   Intelligent Control

How Sunlight Simulate Natural Light

Brightness and colour temperature adjustable

The sunlight has a PWM stepless dimming and color

temperature adjustment function.

Through the intelligent control system and optical design,

it can be adjusted steplessly and smoothly between 2700k-6500k

to adapt to the needs of different lights in different scenes.

Rhythmic Lighting

The Sunlight's intelligent controller system can also accurately simulate

natural light to suit a room's geographic location, time of day,

and season through location recognition.

Supported by sophisticated algorithms, this feature can also simulate

natural light from sunrise to sunset, enabling lighting

transitions throughout the day.

The Human Factors Lighting feature makes lighting more compatible

with healthy biological clocks and circadian rhythms,

creating a healthy and people-oriented lighting experience.

Full Spectrum High Color Rendering Index

Full-spectrum LED light source, color rendering index (Ra≥95),
restores the true colors of natural lighting.

Functional Characteristics

■ Dimensions	φ40cm/60cm/90cm/120cm	
■ Power	60W/100W/170W/220W/320W	
■ CCT	2700k~6500k	
■ Ra	Ra≥95	

*Products need to be pre-buried installation,
 please contact our sale technicians for specific installation requirements.

Filmed at Company exhibition hall of Gamder in ZhongShan City