

illumine

8mm

Mini size

//

Illumine Smart Technology Company Ltd.

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✉ info@illumine.com.bd
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COMPANY PROFILE



HISTORY

Since 2021, **Illumine** has been at the forefront of importing and delivering **premium lighting and smart technology solutions** for both residential and commercial spaces in Bangladesh.

Our specialization lies in **advanced LED lighting systems**—from architectural linear profiles, recessed downlights, magnetic track lights, to decorative pendants, chandeliers, and outdoor solutions. Each product is designed to elevate space aesthetics while ensuring **energy efficiency, long lifespan, and intelligent control integration.**

Professional LED Lighting Solutions Provider for Commercial Sites, Offices and Residential Spaces, Hospital, Museums and Galleries.

We also import **European-standard ceiling fans with integrated lights, smart automation systems, and security surveillance solutions**, making us a comprehensive technology partner for modern living.

With over **20 global patents** and certifications like **EU CE, FCC, UL, and CCC**, Illumine maintains its commitment to **"Quality First, Honest Management"** — delivering systems that are not only beautiful but built to perform.

Experience light, the Illumine way. Because lighting is not just function — it's atmosphere, emotion, and identity.





OUR CUSTOMERS

For many years, **illumine** has been the capable right-hand business partner for lighting distributors, project developers, smart life solution and those who value the practicality of lumenaries.

We always honor the promise we made with every customer-expert craftsmanship, superior services, and total reliability.



PROMISING FUTURE

We love bringing new solutions to market and we know how important it is for our customers to outperform competitors with unique solutions at hand.

We continuously strengthen our existing product portfolio to meet the ever-changing demands of the next generation of customers by making breakthroughs and bringing innovation such as smart lighting to brighten business prospect.



OUR DETERMINATION

1. Product Quality :

High-quality, durable, and energy-efficient lighting products.

2. Innovation : Offering cutting-edge technology, such as smart lighting or sustainable solutions.

3. Diverse Product Range :

Offering various lighting options (e.g. - residential, commercial, industrial, interior)

4. Customization : Ability to create tailored solutions to meet client-specific needs.

5. Sustainability : Focus on eco-friendly and energy-efficient products that align with market trends.

6. Strong Distribution

Network : Access to key markets through robust partnerships and distribution channels.

7. Reliable Warranty

3 to 5 years of dedicated after-sales support.



How to determined the quality of LED Light?

CRI

The quality of light can be determined through **CRI** and **Lumens**. What is CRI? CRI stands for Color Rendering Index which is a quantative unit used to measure the capacity of a light source to reflect the true color of any object in place compared to the natural source.

You may find the value of CRI on the lamp package ranging from 0 to 100. The higher the CRI range, the better the reflection of light as shown in the image below -



CRI 90+
Retails shops, malls



CRI 80-90
Commercial, industrial
applications



CRI 70-80
Outdoor lighting



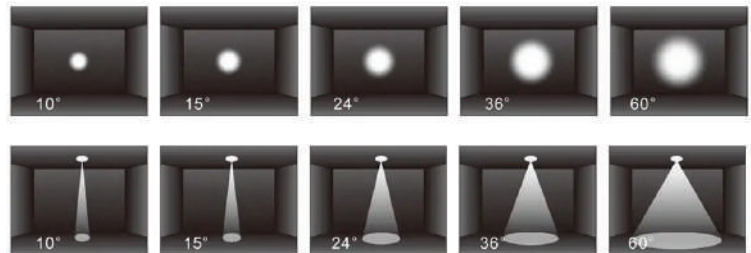
CRI 60-70
Street lighting, car parking

A mid-range value may seem perfect for a living area but may not be as effective in an art gallery. Home lighting with a low CRI range can adverse effect your ability to see read, and the right tone for the environment.

illumine provides you best quality of CRI ≥ 90 which show you product's real color.

BEAM ANGLE

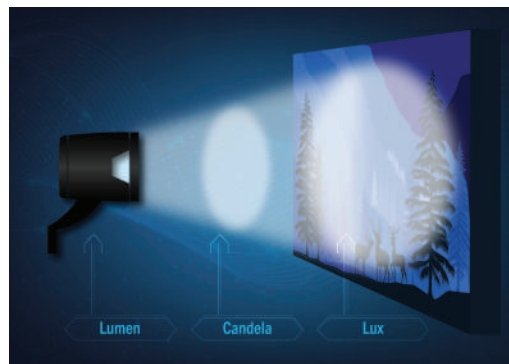
The beam angle of light refers to the spread or distribution of light emitted from a light source as shown in the image right side -



Beam Angle

LUMEN

Now you are wondering what is Lumen? Lumens (lm) are a unit of measurement for the amount of visible light emitted from a light source. A light source with more lumens is brighter, while a light source with fewer lumens is dimmer. How light is reflected beam angle as shown in the image below -



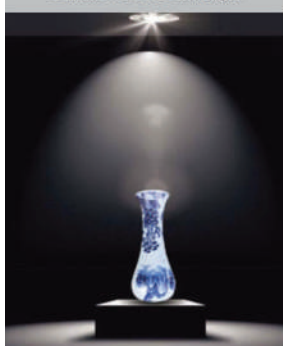
Lumens are measured at the bulb, not in the room. example a traditional 60 W incandescent bulb produces about 800 lumens of light.



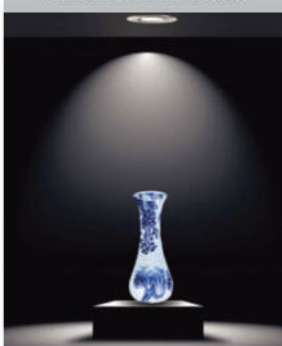
ANTI-GLARE



Common LED Down Light



Anti-Glare LED Down Light



We already know the role of CRI and Lumens in determining the quality of light. Now we will know, **What is Anti-glare** and how to protect the eyes from the harmful rays of the lights and work in a pleasant environment?

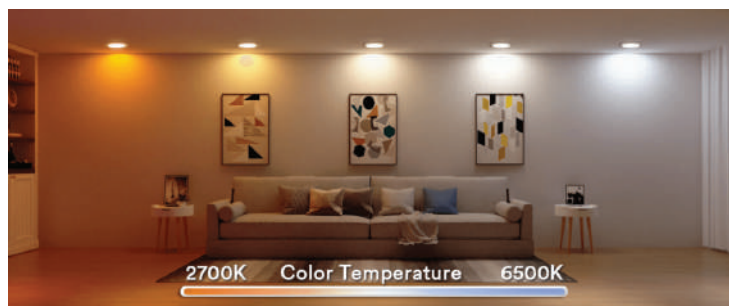
Anti-Glare is a special light designed for people sensitive to bright lights. Such lights produce gentle lighting, which is easy on the eyes and does not produce any strain. Your eyes take much less time to adjust to such an environment, making reading and writing easier as shown in the image up -

High brightness, sharp light, or a poor angle of emission filament and halogen. The Unified Glare Rating (UGR) measures this effect. Explore some critical advantages of anti-glare LEDs :

1. Reduce of Eye Strain, 2. Absence of Harsh Shadows, 3. Zero Ultraviolet Ray Emission, 4. Extended Lifespan, 5. Enhanced Productivity, 6. Ideal for Stadiums and Courts, and 7. Aesthetic Appeal.

CCT

In addition, measure of how a light source appear is called **Correlated Color Temperature (CCT)**. It is used to describe the relative Proportion of red, orange, yellow, blue, and violet wavelengths in a light. CCT is measured in Kelvin (K), and describes if a light is warm (with a slight yellow hue, around 2700K), neutral (around 4000K) or cool (with a slightly blue hue, starting from around 5000K) as shown in the image below -



CCT can be used to describe the color tone of LED and fluorescent lights.

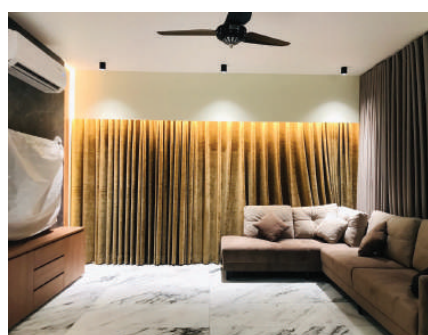


LED ANTI-GLARE RECESSED SPOTLIGHT

illumine



LED ANTI-GLARE SURFACE LIGHT



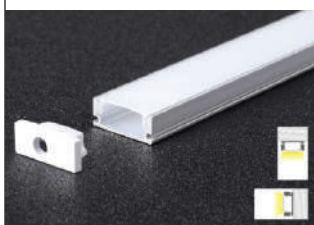
3000K
Create an atmosphere

4000K
Bright and clear

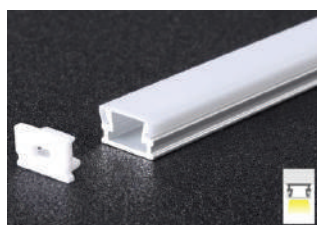
bridgelux. CREE PHILIPS EAGLERISE LIFUD TRIDONIC EPISTAR LUMINUS EUCHIPS MW OSRAM CILIED



CUSTOMIZABLE PROFILE LIGHT SOLUTION



17.4*7mm



12*6.5mm



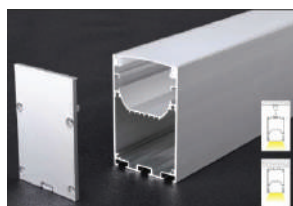
35*67mm



40*35mm



D60mm



50*75mm



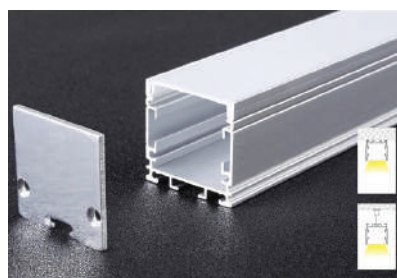
76*35mm



150*50mm



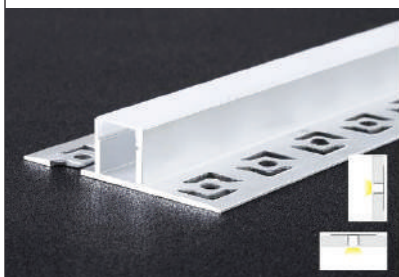
24.7*12.4*7mm



30*30mm



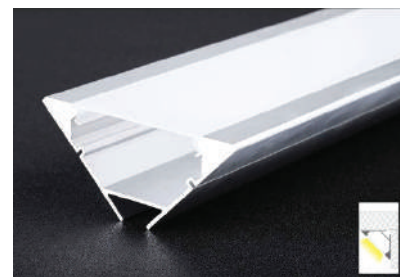
45*30mm



52.50*13.7mm



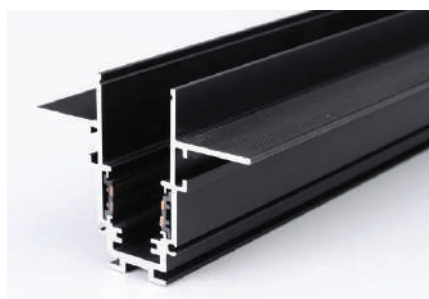
84*14.6mm



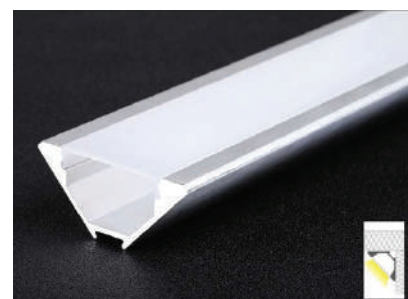
50*50mm



72*55mm



72*55mm



30*30mm



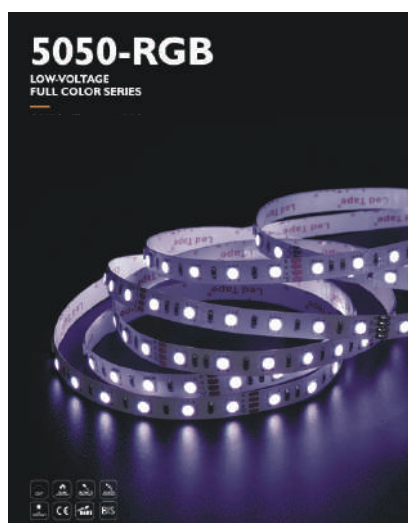
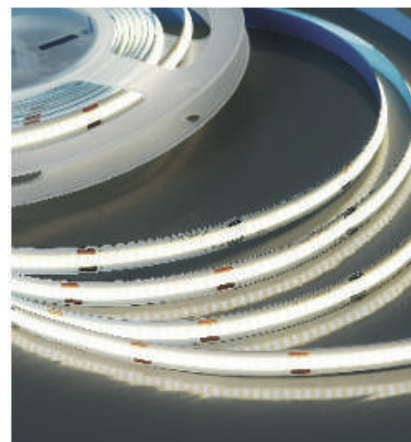
LED STRIP LIGHT AND DC POWER SUPPLY



CE CB BIS ROHS COMPLIANT



CE CB BIS ROHS COMPLIANT





OPTICAL FIBER LIGHT



ANTI-GLARE GRILLE



RECHARGEABLE TABLE LAMPS



bridgelux.

CREE

PHILIPS

EAGLE RISE

LiFud

TRIDONIC

EPISTAR

LUMINUS

EUCHIPS

MW

OSRAM

GILEO



LED TRACK LIGHT



AVA

Commercial Series

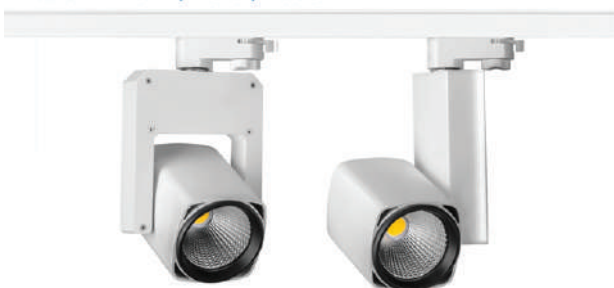


VILLA

LED DOWNLIGHT SYSTEM



Installation 1: On 4-pin or 3-pin track



4-Pin(3-Circuit) Track Adaptor:
• Universal compatible with GLOBAL, EURO, NORLUX, NUCO, STAFF, NORDIC.

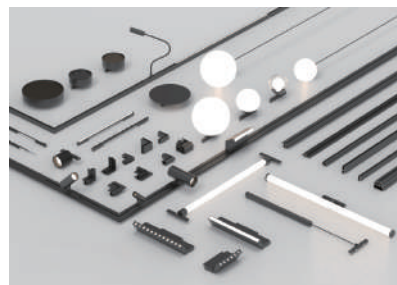
3-Pin Track Adaptor:
• Compatible with HALO.

ELLA Residential Series

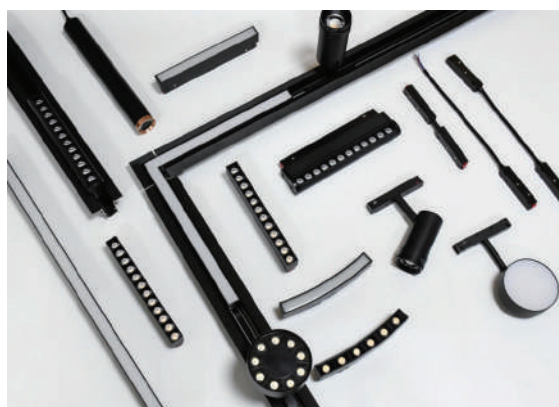
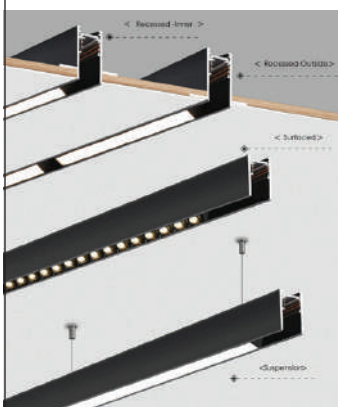




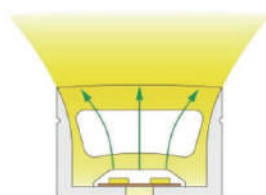
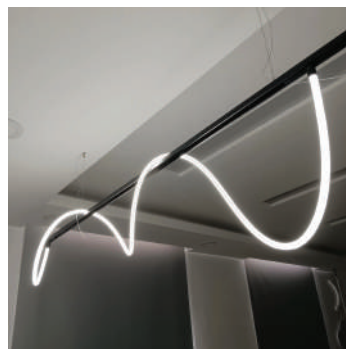
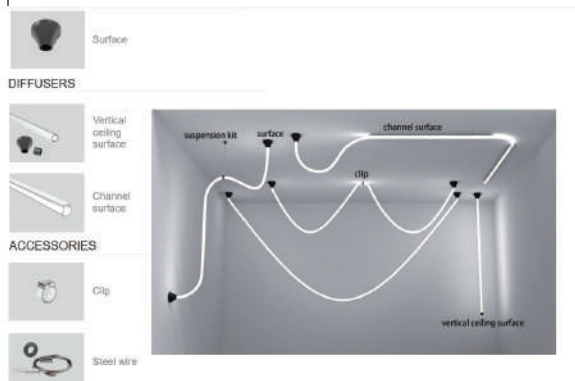
LED MAGNETIC TRACK LIGHT - ULTRA NARROW



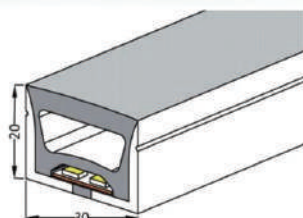
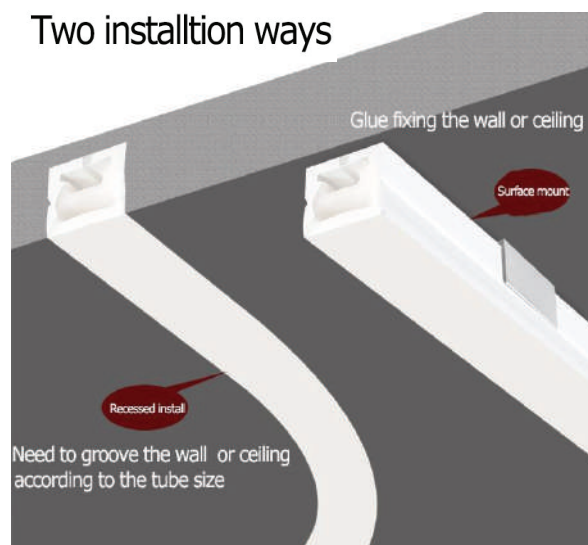
LED MAGNETIC TRACK LIGHT - M 20



CUSTOMIZABLE SILICON SOLUTION



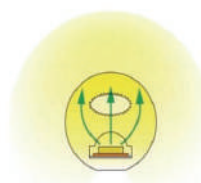
Two installtion ways



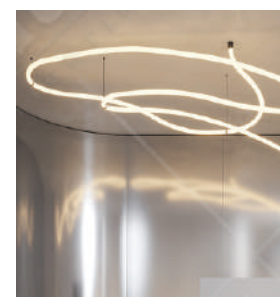
PCB Width(mm)	15
Weight(g/m)	490
Section size(mm)	30*20
Beam angle	120°

Lighting Dairction: Positive Lighting

Cutting mark:Yes



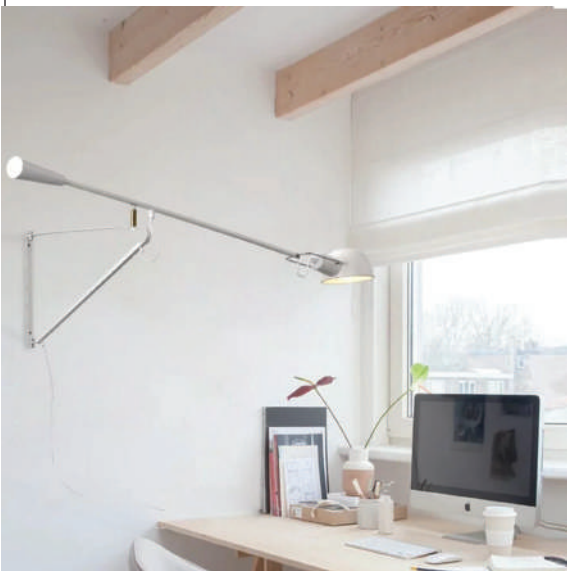
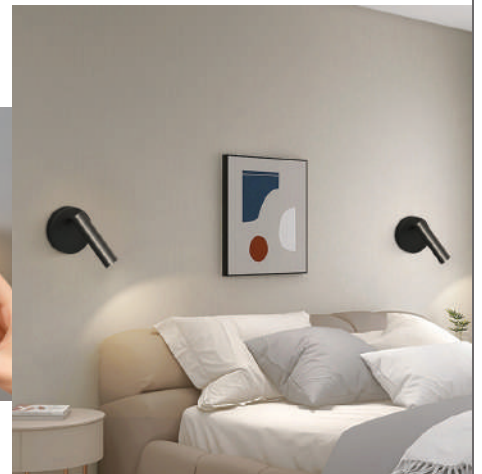
PCB Width(mm)	10
Weight(g/m)	321
Section size(mm)	φ20
Beam angle	270°
Lighting Direction: 360°	
Cutting mark:Yes	



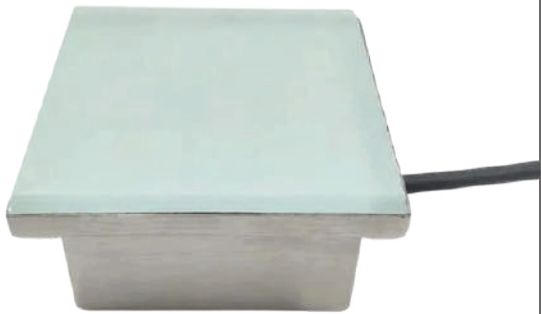
CHANDELIER LIGHTS



WALL LIGHT



OUTDOOR LIGHT SOLUTIONS



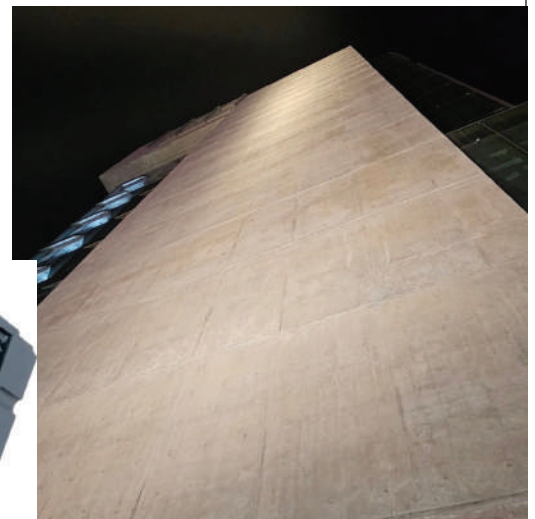
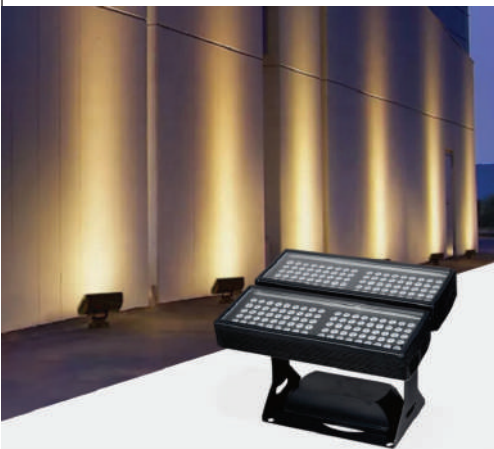
LED GARDEN LIGHT



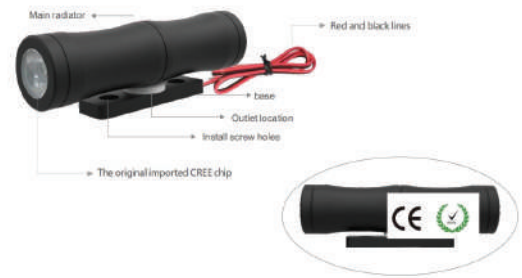
LED FLOOD LIGHT



LED PROJECTOR LIGHT



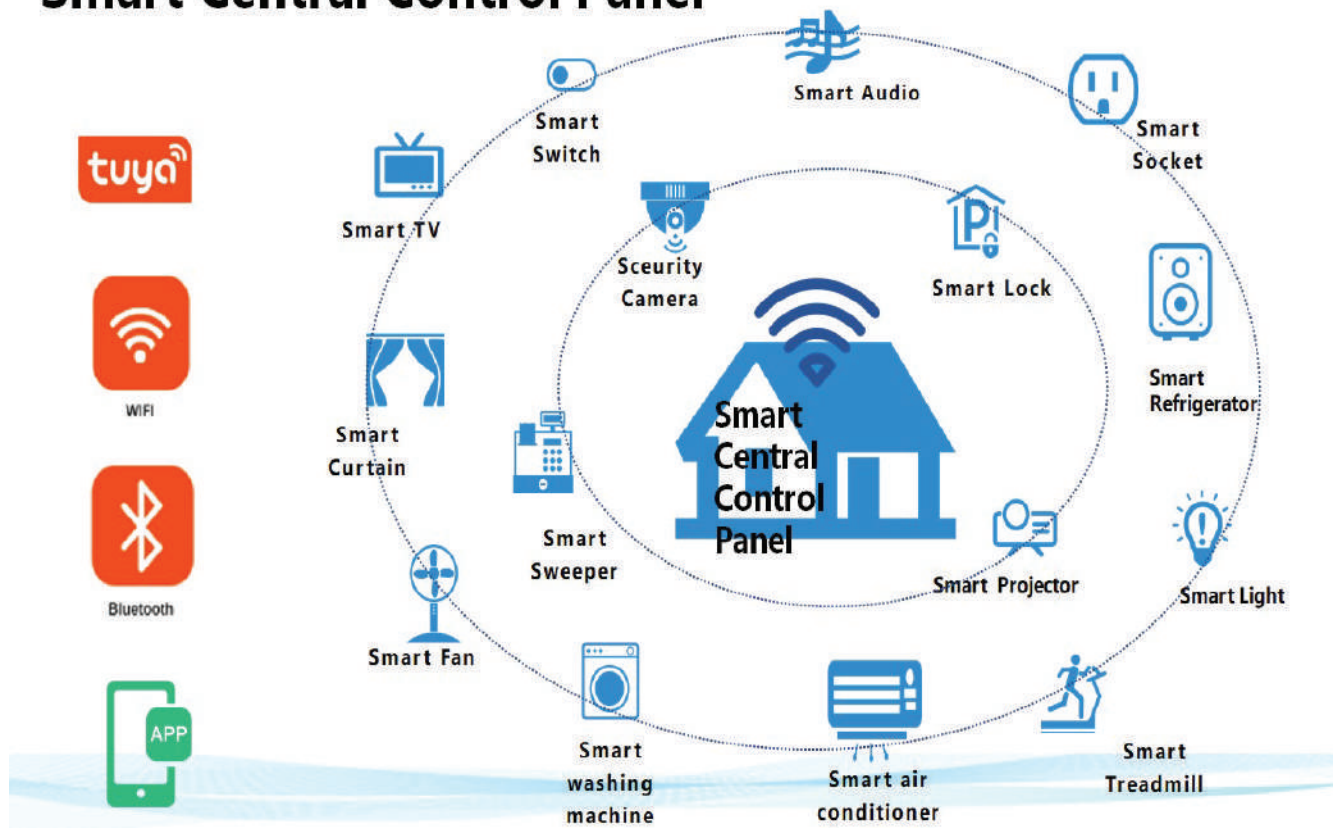
WALL LIGHT



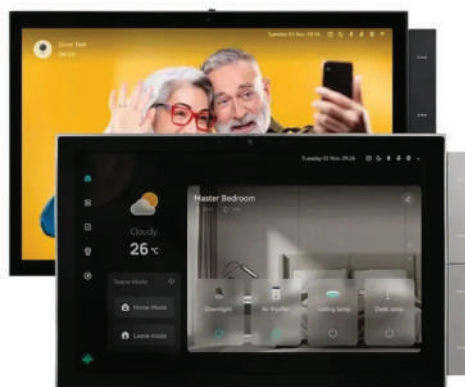
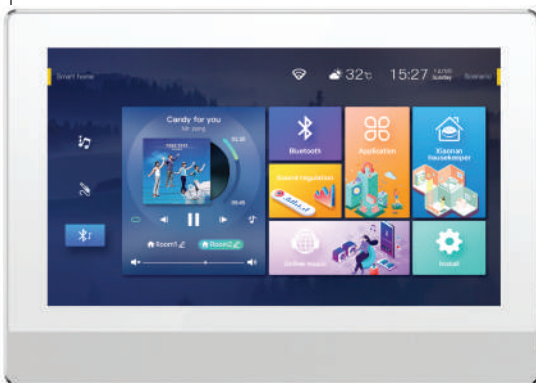
STEP LIGHT



Smart Central Control Panel



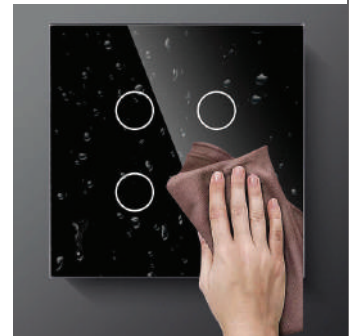
MASTER CONTROLLER



SMART CURTAIN SYSTEM



SMART SWITCH



CEILING FAN



HJ-2668- 3

Overall Outer Diameter:

42"-1070mm/48"-1220mm/
52"-1320mm/56"-1420mm

Motor Power: 55W/65W special grade silicon steel+all copper wire

Color: Black/White/Grey/Stainless Steel/Bronze

Fan Leaf Material: High quality iron leaf fan blade/three/five/six leaves

Control Method: remote control (optional wall control)



Thick Copper Wire



Thickened Steel



Stator Winding

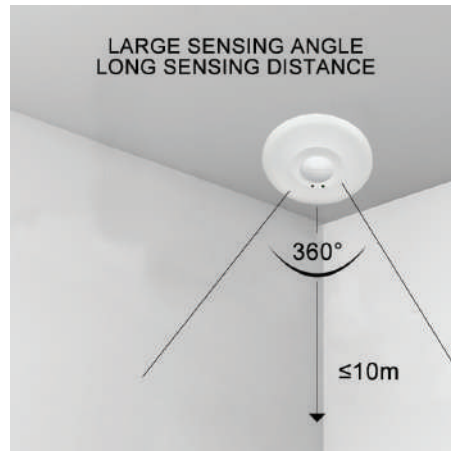
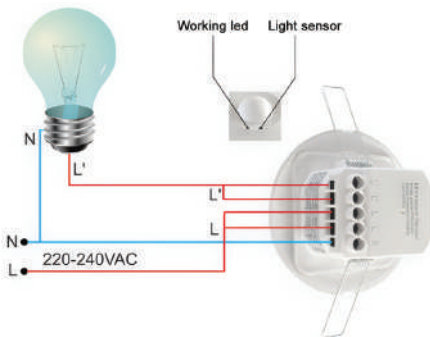


Silent Bearing



SENSOR SOLUTIONS

WIRING INSTALLATION



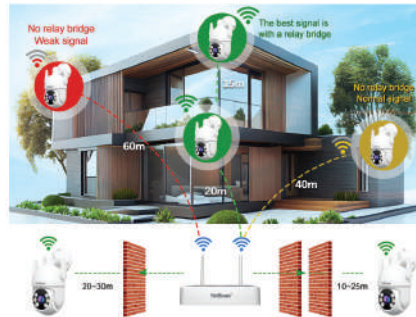
SMART SECURITY SOLUTIONS

CC CAMERA



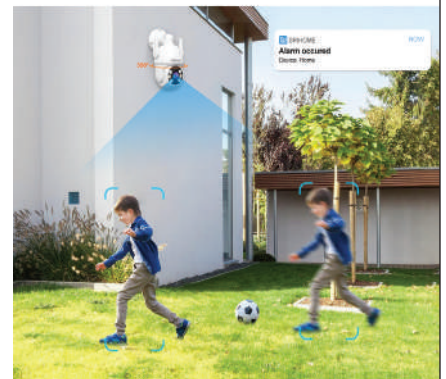
Relay bridge transmission distance is longer

By setting the camera with good signal, share it with the camera with poor signal, the maximum distance can reach 60 meters



Motion-Tracking

Motion-Tracking & Humanoid Detection



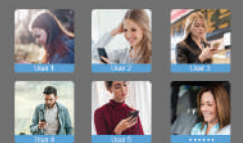
NVR Introduction



APP Download



Multi-user Viewing



NVR Kit Hard Disk Recording Time Reference

Supports up to 16TB

5MP Wireless Kit (NVS010)			
HDD Capacity	500G	1TB	
4CH NVR Kit	15days	30days	
8CH NVR Kit	8days	15days	



SMART DOOR LOCK

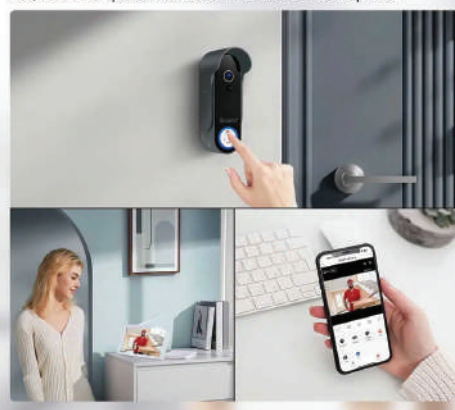


HD SMART VIDEO DOORBELL



2-Way Audio

See, Hear and Speak to visitors on monitor or mobile phone



SECURITY SURVEILLANCE



OUR RECENT PROJECT



INTECH EXPO 2025 (ICCB)





Md. Shakur Mahamud Emon

FOUNDER, illumine

Md. Shakur Mahamud Emon, the visionary founder of **Illumine Smart Technology Company Ltd.**, established the company with the goal of transforming spaces through **innovative, sustainable, and beautifully designed lighting solutions**. With a strong background in **Electrical and Electronics Product Research & Development**, as well as hands-on expertise in **automation and security surveillance**, he brings a rare and powerful combination of **technical knowledge and design sensibility** to the industry.

Since **2007**, He has been actively involved in the **Lighting and Electronics sector**, gaining extensive experience across smart lighting, automation systems, and advanced surveillance technologies. His passion for innovation led him to **establish “illumine” in 2021** — a brand dedicated to delivering smarter, more efficient lighting and automation solutions for both residential and commercial environments.

Driven by a deep commitment to **quality, sustainability, and intelligent design**, he envisions lighting as more than just illumination — it is a tool for enhancing lifestyle, safety, and aesthetics. Under his leadership, **Illumine Smart Technology Company Ltd.** is not only redefining lighting but also integrating smart automation and surveillance systems to shape the future of intelligent living.

He and his team remain committed to **design excellence, sustainable innovation**, and the power of **bright ideas** that elevate everyday spaces.



নকশাবিদ

