

Thanks for choosing our products, in order to protect your consumption right and personal safety, please read this instruction carefully before uses and keep this as the future reference.

Attention:

- Before installing the luminaire, please check whether the rated voltage of the luminaire is consistent with the voltage of the wiring power supply to avoid damage to the luminaire due to voltage inconsistency.
- Touching these parts without disconnecting the power supply may cause an electric shock. So, Installation must be done by professional electrician.
- Please ensure the power has been cut off before installation, in order to prevent the electric shock, make sure the power supply that can't be resumed by anybody before the job done.
- Keep the surface of the lamp housing and transparent parts clean to ensure good light transmission.
- Plastic materials are used in some parts of the spotlight. Applying organic solvents (such as benzene), or other chemicals for cleaning may cause deformation or discolouration. Clean the device gently, using a soft dry cloth.
- Each fixing screw must be tightened when installing.
- The cable entry line should be fixed and prevented from pulling the wire and damaging the lamp.
- Avoid collision with hard objects to avoid scratches.
- Do not spray or pour water on the unit, this may cause an electric shock.
- Do not install the unit in locations subject to high and/or low temperatures (this may damage the LED lamp).
- The maintenance should be done by the professional. The luminaire must be grounded reliably and non- professionals must not disassemble the luminaire.
- The front-end power supply must be cut off during installation. The power supply must be cut off when repairing or replacing parts.
- The defective ballast could not be treated as the normal rubbish and should be returned and make use of the normal parts.
- Regarding the repair of the equipment contact Technical Support.



Our official website: www.fitlight-tech.com



Dongguan Fitlight Lighting Co., Ltd.

Alibaba Store: <https://fitlight.en.alibaba.com>

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Email : liu@fitlight-tech.com URL: www.fitlight-tech.com / <https://fitlight.en.alibaba.com>

FEITL

东莞市菲特莱照明有限公司
DONGGUAN FITLIGHT LIGHTING CO.,LTD

OEM/ODM

Professional Lighting Product Manufacturer

1. 14+ Years of Industry Leadership
2. Full Customization (OEM/ODM)
3. Certified Excellence: Globally recognized certifications (CE, RoHS, SAA, etc.)
4. Energy-Efficient & Sustainable Solutions
5. Competitive Pricing & Fast Turnaround
6. Dedicated R&D & Continuous Innovation



14⁺

Production experience

3000^{+m²}

Factory space

50⁺

Patent certificate

100⁺

Projects

10000^{+pcs}

Daily output value

100⁺

Service country



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Features and Benefits

- Light source: COB LED
- Long LED life: More than 50,000 hours
- Low heat, less than 60°C
- No UV or IR light radiation
- No mercury or other inorganic
- Homogeneous flood illumination
- Machined aluminum heat fins with excellent thermal efficiencies
- The LED down light is available in the following white color temperatures:
2700/3000/3500/4000/5000/6000K
- 3-5 years limited warranty
- Works with worldwide lighting systems
AC200-240V/AC110V



Typical Applications

- Retail spaces: Clothing stores, cosmetic shops, jewelry boutiques, mall showrooms
- Hospitality projects: Hotel lobbies, guest rooms, restaurants, cafes, villas
- Offices & exhibition: Office rooms, galleries, museums, exhibition halls
- Home decoration: No-main-light design apartments, real estate fitting projects
- Sales channels: Cross-border e-commerce, offline lighting retail stores, wholesale distribution

Suitable buyers: Lighting brand owners, bulk wholesalers, engineering distributors, trading companies, Amazon & independent site sellers, small trial order purchasers.



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PRODUCT SPECIFICATIONS

LAMP TYPE	FT-HGS24 Low UGR<3 Anti-Glare COB Recessed LED Spotlight
LIGHT SOURCE	Cree/OSRAM or Bridgelux COB LED (Other brands can also choose from)
Driver	LIFUD Driver (Other driver brands can also choose from)
Input voltage (volts)	AC 200-240V/AC110V
Power	7/10/12/15/20/25W
BEAM ANGLE	24° /36° ±3°
RENDERING INDEX (Ra)	>80Ra or 90Ra
Material Quality	Aluminum
Color Temperature	Warm White(2700K/3000K/3500K) / Natural White(4000K) / Cool white(5000K/6000K)
Efficiency	80-85lm/W
OPTICS	Reflector type optical structure
HEATSINK	Machined pure aluminum with anodize finish
Installation	Recessed/Embedded
BASE TYPE	External Driver
Key Feature 1	Low UGR<3 Recessed COB Spotlight For Commercial Lighting
Key Feature 2	UGR<3 Deep Anti-Glare Recessed LED Spotlight
Certification	CE/EMC/LVD/ROHS/SAA(Whole lamp);Driver(CE/EMC/LVD/ROHS/CB/SAA/UL)

ENVIRONMENTAL SPECIFICATIONS

TEMPERATURE RANGE	Ambient: -20°C to 40°C; Surface of Lamp: 60°C to 70°C
HUMIDITY RANGE	0 to 95% non-condensing humidity

PRODUCT CODE: FT-HGS24-X₁/X₂

X1: Power

X2: LED chip(OSRAM / Cree or Epistar / bridgelux)

Caution:

- WARNING-Risk of fire or electric shock. LED Down light installation requires knowledge of luminaires electrical systems.
- If not qualified, do not attempt installation. Contact a qualified electrician.
- WARNING-To prevent wiring damage or abrasion, do not expose wiring to edges of sheet ; metal or other sharp objects.

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14 +YEARS
Customization
experience

OEM/ODM



Low UGR LED Anti-Glare Downlight
UGR < 3
7W/10W/12W/15W/20W/25W














5
YEARS
WARRANTY

CRI > 90

UGR < 3
Anti-Glare

5 CCT

CCT OPTIONS
2700K/3000K/3500K
/4000K/5000K

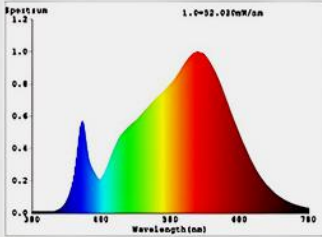

Flicker Free


DIM
Dimmable:5%-100%

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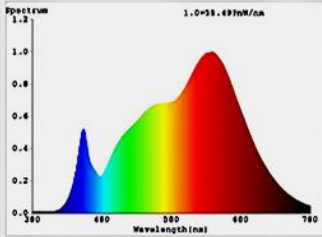
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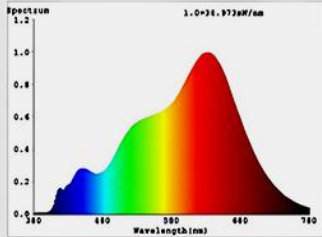
1.0=92.03lm/wn

CRI90



1.0=98.49lm/wn

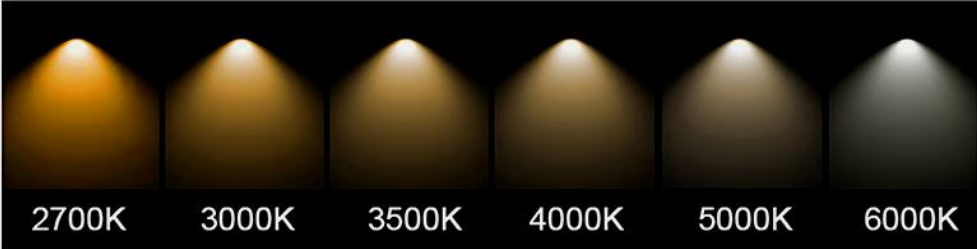
CRI97



1.0=111.97lm/wn

Sunlight

CCT option





Material Brand Cooperation

COB brand





OSRAM CREE Bridgelux

Other brands are also available

Power brand






Lifud Tridonic NOVBO Boke

Five-year warranty, no flicker PF>0.9

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Recessed Anti Glare COB LED Spotlight



MODEL	POWER	CUTOUT	SIZE(mm)	CRI	COLOR TEMPERATURE	WORKING VOLTAGE
FT-HGS24-7W	7W	55mm	Standard:D65*H82 Narrow Trim:D60*H82 Wide Trim:D75*H82	≥90	2700K	AC
FT-HGS24-10W	10W	75mm	Standard:D85*H98 Narrow Trim:D80*H98 Wide Trim:D100*H98		3000K	200-240V
FT-HGS24-12W	12W	75mm	Standard:D85*H98 Narrow Trim:D80*H98 Wide Trim:D100*H98		3500K	or
FT-HGS24-15W	15W	75mm	Standard:D85*H106 Narrow Trim:D80*H106 Wide Trim:D100*H106		4000K	AC
FT-HGS24-20W	20W	95mm	Standard:D105*H115 Narrow Trim:D102*H115 Wide Trim:D120*H115		5000K	100-240V
FT-HGS24-25W	25W	95mm	Standard:D105*H125 Narrow Trim:D102*H125 Wide Trim:D120*H125		6000K	
 IP20  CE  RoHS  SAA  Non Dim  Triac  0/1-10V  DALI Beam Angle: 24°/36°						

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Product size

Cut-out : $\varnothing$ 55mm

Height:
82mm



Face Diameter: $\varnothing$ 60mm

Narrow Trim 7W

Cut-out : $\varnothing$ 55mm

Height:
82mm



Face Diameter: $\varnothing$ 65mm

Standard 7W

Cut-out : $\varnothing$ 55mm

Height:
82mm



Face Diameter: $\varnothing$ 75mm

Wide Trim 7W

Cut-out : $\varnothing$ 75mm

Height:
98mm



Face Diameter: $\varnothing$ 80mm

Narrow Trim 10W/12W

Height:
98mm



Face Diameter: $\varnothing$ 85mm

Standard 10W/12W

Height:
98mm



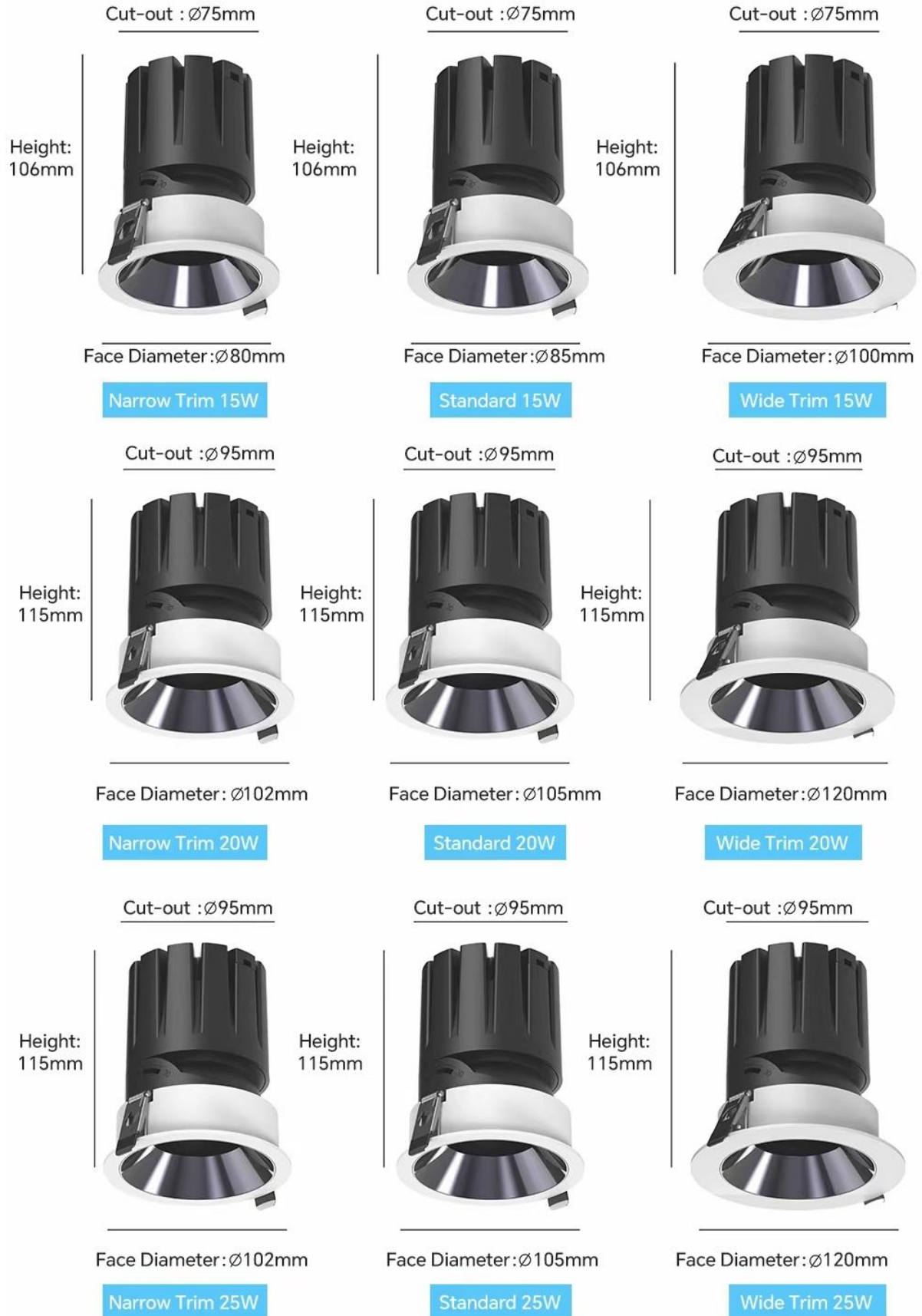
Face Diameter: $\varnothing$ 100mm

Wide Trim 10W/12W

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DIMMABLE

Single color dimmable



TRIAC



0-10V

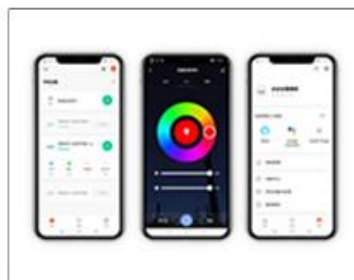


DALI

2700-6000K tunable



2.4G



TUYA
(Bluetooth WiFi ZIGBEE)



DALI DT8

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5CCT Selectable & Smooth Dimming

Low UGR, UGR < 3



Anti-glare Design

Deep reflector for visual comfort



COB Light Source

High efficiency, stable performance



Spring Clips

Secure installation, strong reliable



Premium Finish

Clean lines, built to last

5CCT Selectable

One Light, Your Perfect Color



2700K

Warm White



3000K

Soft White



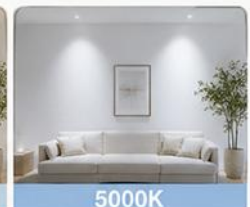
3500K

Neutral White



4000K

Cool White



5000K

Daylight

Smooth Dimming

5%–100% Triac Dimmable / 0-10V Dimmable



5%



100%

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Low UGR LED Anti-Glare Downlight

UGR < 3

7W/10W/12W/15W/20W/25W



**Vivid Colors,
True to Life**

High CRI >90 delivers exceptional color accuracy for premium commercial environments.



**True Color
Rendering**
See colors
as they truly are



**Comfort
Light**
Low glare for visual
comfort



Anti-glare
Deep Recessed Optics
Enhanced visual comfort
with deep set design

2700K

Warm White

3000K

Soft White

3500K

Natural White

4000K

Cool White

5000K

Daylight



2700-6000k



0.5/0.95



>90 or >80



IP54



50000hours



IK07



Flicker Free



5
Years
Warranty



CE



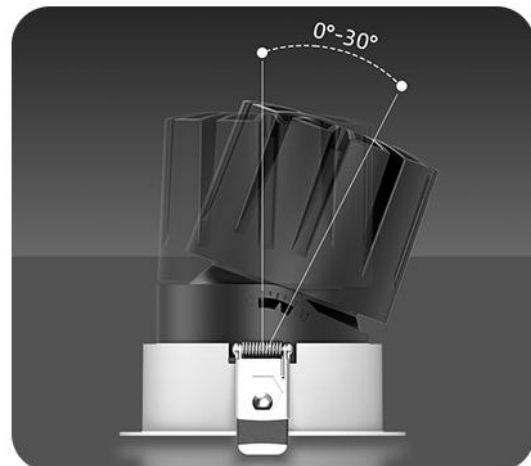
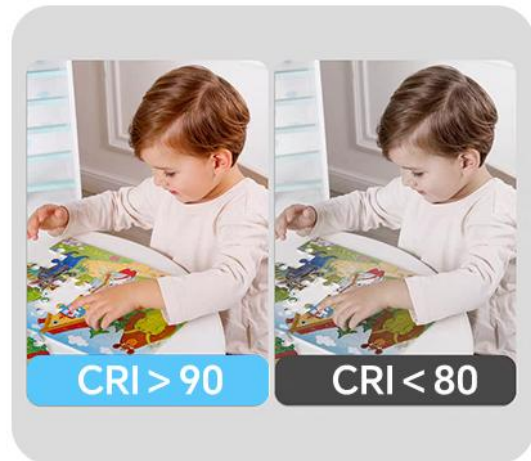
Dimmable
(optional)



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LED chip
customization



Driver
customization



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3500K (Warm White Light)

Creates a warm and cozy atmosphere
Ideal for bedrooms, kids' rooms, bars



4000K (Neutral White Light)

Suitable for spaces with high lighting requirements
Ideal for living rooms, dining rooms, studies



6000K (Cool White Light)

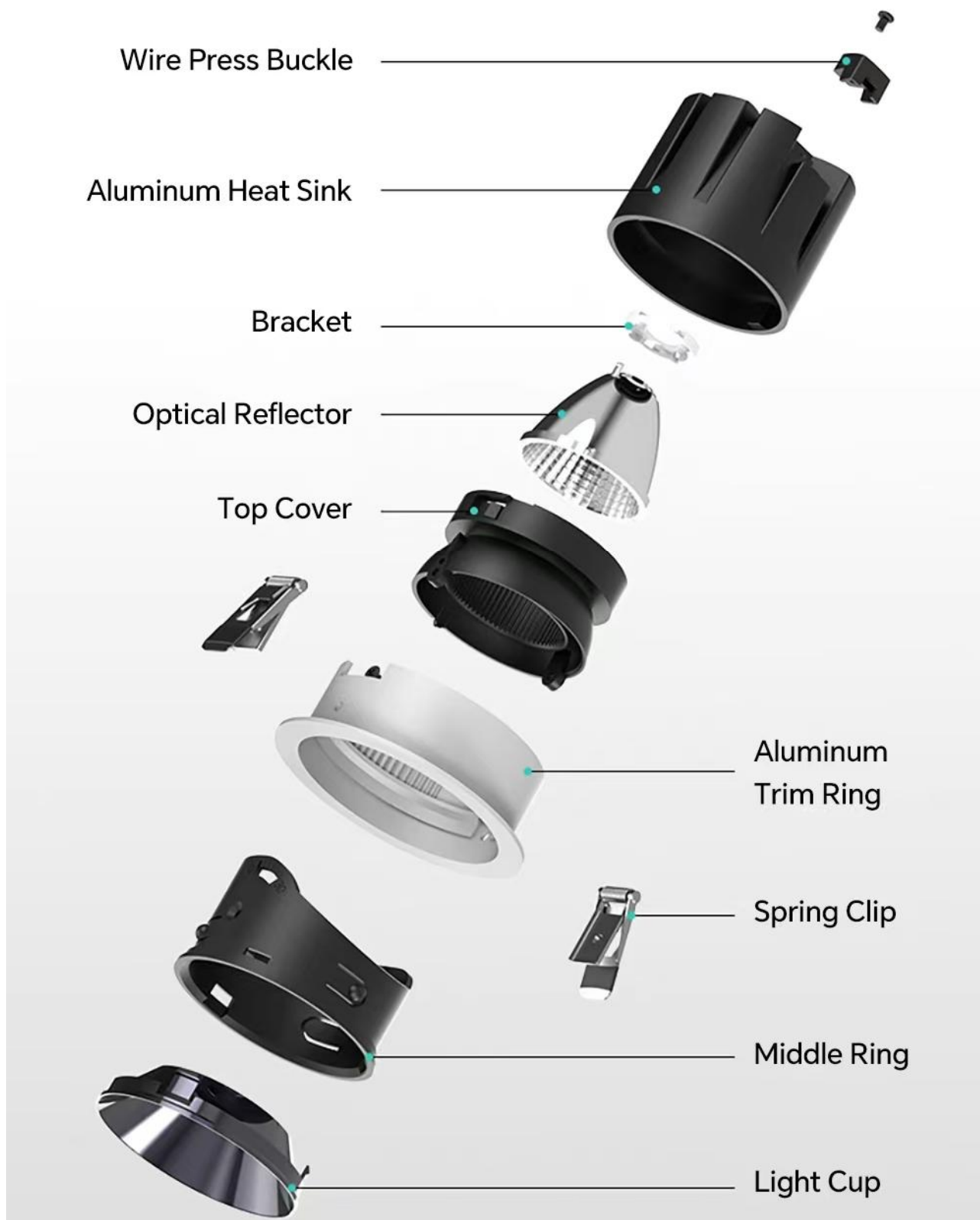
Perfect for areas requiring high color rendering
Ideal for studies, kitchens, bathrooms

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Premium Craft Materials Light Exploded View



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Product Detail Drawing

Exquisite workmanship, strict control of every detail

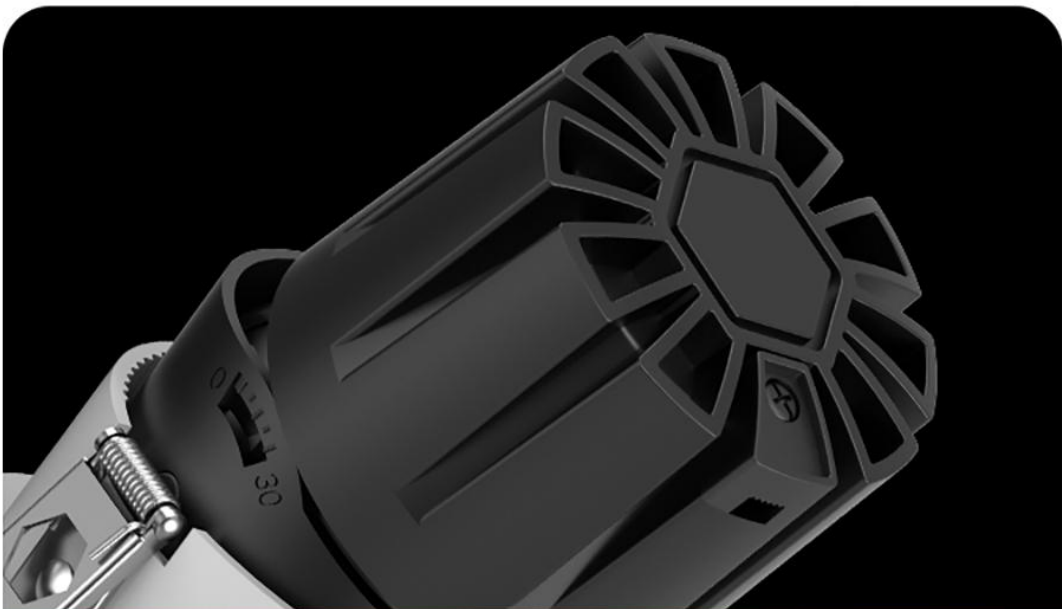
Lighting Product Craftsmanship Detail Display



Precision Full Aluminum Lamp Body, Sturdy & Durable, Anti-corrosion & Anti-rust



0°-30° Adjustable Projection Angle



Precision Forged Aluminum, Efficient Heat Dissipation | Heat Dissipation Structure Protects Built-in Chips for Longer Service Life

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INSTALL APPLICATION



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Dongguan Fitlight Lighting Co., Ltd.

LED Commercial Lighting Source Factory | 14+ Years | OEM/ODM | CE RoHS SAA EMC LVD ISO9001

3,000+ sqm
Factory

200+
Workers

4 Lines
Assembly

10,000 pcs/d
Capacity

5-Year
Warranty



Company Building



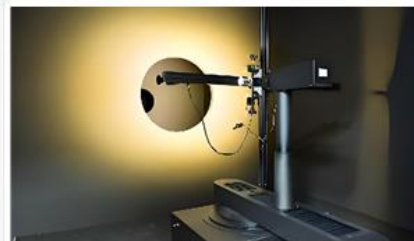
Reception



Production Line 1



Production Line 2



IES Test



Integrating Sphere



Finished Warehouse



Aging Test



Showroom

Certified LED Commercial Lighting Manufacturer | Export Compliance for Global Buyers



CE



RoHS



EMC



LVD



SAA



ISO9001

LED Track Lights | Recessed Downlights | Surface Downlights | Linear Lights | Magnetic Lighting | Grille Lights

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Dongguan Fitlight Lighting Co., Ltd.

Certification & Test Report Trust Image for LED Commercial Lighting Buyers

CE

RoHS

EMC

LVD

SAA

ISO9001



CE EMC



CE LVD



RoHS



SAA



ISO9001

Full Export Compliance Coverage for LED Track Lights, Downlights, Linear Lights and Magnetic Lighting Systems

Certified documents and original test reports support import, distribution, project bidding and market access.

5-Year Warranty

100% Final Ins

Aging Test

Quality Management System



IC-4 Test

Downlight IC-4 insulation safety



IP65 Test

IP65 waterproof downlight test



Fire Test

Fire resistance test report

CE EMC LVD RoHS SAA ISO9001 | IC-4 Test | IP65 Test | Fire Resistance Test | LED Lighting Certification

Factory-direct LED commercial lighting with certified quality, export compliance and reliable long-term supply.

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