

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>

Dongguan Fitlight Lighting Co., Ltd.

Add: 10th floor, building C1, Songhu Zhigu building, No. 9, Yanhe South Road, Liaobu Town, Dongguan City, Guangdong Province, China.

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	Trimless High Luminous Efficiency 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	15° /24° /36° /50° ±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	110-120lm/W
OPTICS	Optical lens
HEATSINK	Machined pure aluminum with anodize finish
Installation	Recessed/Embedded
BASE TYPE	External Driver
Key Feature 1	Trimless High Luminous Efficiency Anti Glare COB LED Recessed Spotlight 110-120lm/W
Key Feature 2	7W-25W, Triac 0-10V DALI Dimmable For Commercial Lighting
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-HGS23-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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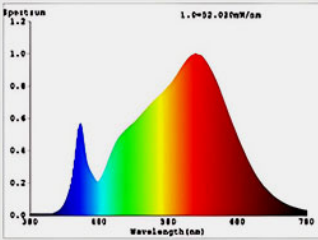
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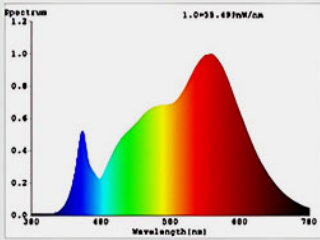
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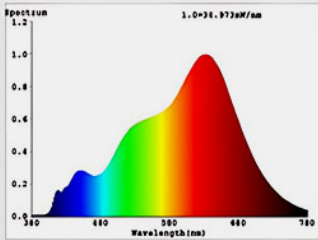
1.0=92.02lm/nm

CRI90



1.0=98.49lm/nm

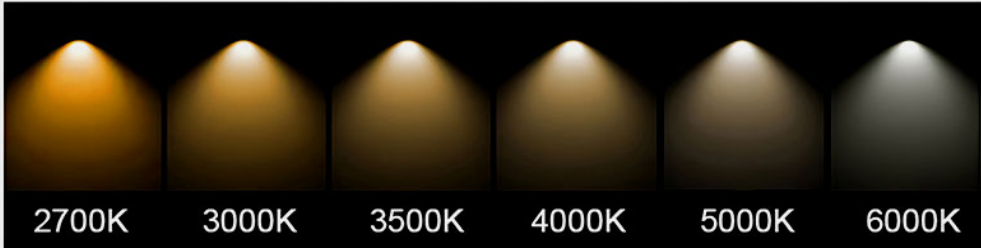
CRI97



1.0=11.97lm/nm

Sunlight

CCT option



2700K
3000K
3500K
4000K
5000K
6000K



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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High-Efficacy 110-120LM/W



Trimless Deep-Recessed Anti-Glare Spotlight



MODEL	POWER	CUTOUT	SIZE(mm)	CRI	COLOR TEMPERATURE	WORKING VOLTAGE
FT-HGS23-7W	7W	55mm	D75*H80mm	≥90	2700K	AC
FT-HGS23-10W	10W	75mm	D100*H92mm		3000K	200-240V
FT-HGS23-12W	12W	75mm	D100*H92mm		3500K	or
FT-HGS23-15W	15W	75mm	D100*H102mm		4000K	AC
FT-HGS23-20W	20W	95mm	D120*H115mm		5000K	100-240V
FT-HGS23-25W	25W	95mm	D120*H125mm		6000K	
          						

This anti-glare LED recessed downlight reaches luminous efficiency of 110-120 lm/W, far higher than ordinary downlights. Equipped with first-tier brand COB chips, it delivers brighter illumination while cutting power consumption, greatly lowering long-term electricity cost for commercial projects and retail stores. High CRI > 90 optional to restore real color of goods, decorations and artworks.

Independent developed deep cavity anti-glare reflector, ultra-low UGR value, soft uniform lighting, realize "see light not lamp" effect.

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Product dimensions



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DIMMABLE

Single color dimmable



TRIAC



0-10V

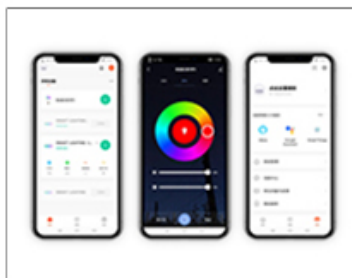


DALI

2700-6000K tunable



2.4G



TUYA
(Bluetooth WiFi ZIGBEE)



DALI DT8

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5CCT Selectable & Smooth Dimming



Anti-glare Design

Deep reflector for visual comfort



COB Light Source

High efficiency, stable performance



Spring Clips

Secure installation, strong reliable

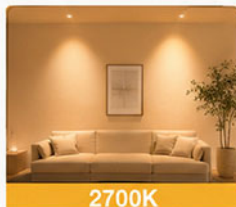


Premium Finish

Clean lines, built to last

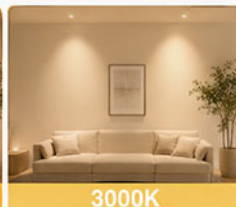
5CCT Selectable

One Light, Your Perfect Color



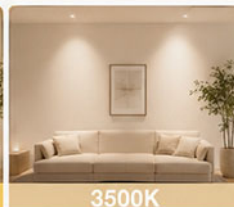
2700K

Warm White



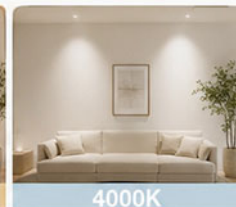
3000K

Soft White



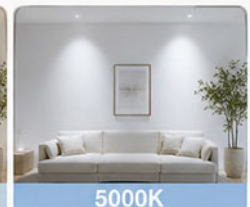
3500K

Neutral White



4000K

Cool White



5000K

Daylight

Smooth Dimming

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



5%



100%

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High Luminous Efficiency Anti-Glare Downlight

110~120 lm/W

Beam Angle: 15°/24°/36°/55°



**Vivid Colors,
True to Life**

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



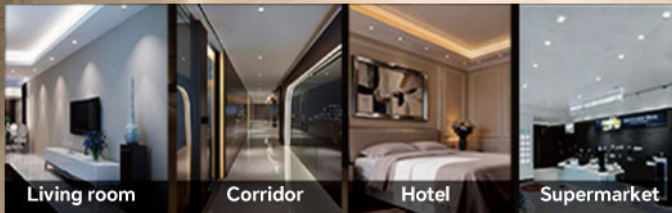
**True Color
Rendering**
See colors
as they truly are



**Comfort
Light**
Low glare for visual
comfort



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



2700-6000k



0.5/0.95



>90 or >80



IP54



50000hours



IK07



Flicker Free



5
Years
Warranty



CE



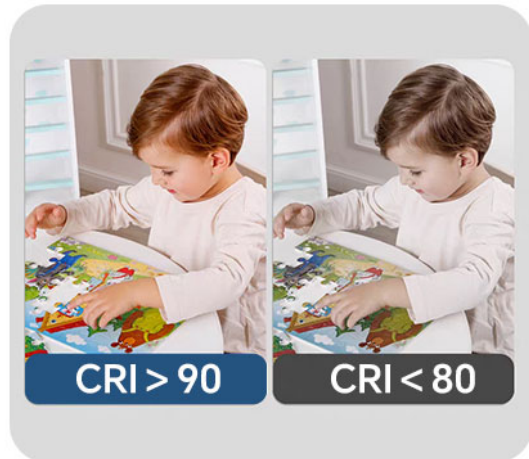
Dimmable
(optional)



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LED chip customization	
Driver customization	

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Premium Craft Materials Light Exploded View



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Precision all-aluminum lamp body, sturdy and durable, anti-corrosion and anti-rust



Multi-level adjustable beam angle, 15°/24°/36°



Forged fine aluminum, powerful heat dissipation
Heat dissipation design protects built-in chips for long service life



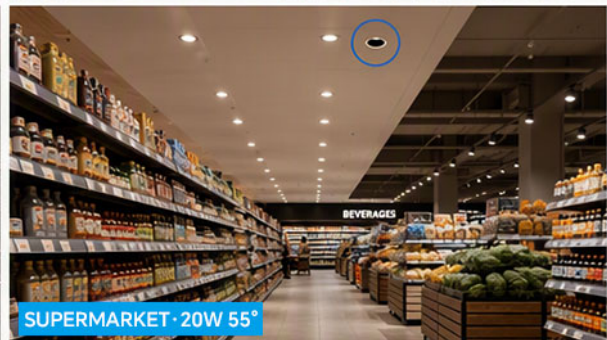
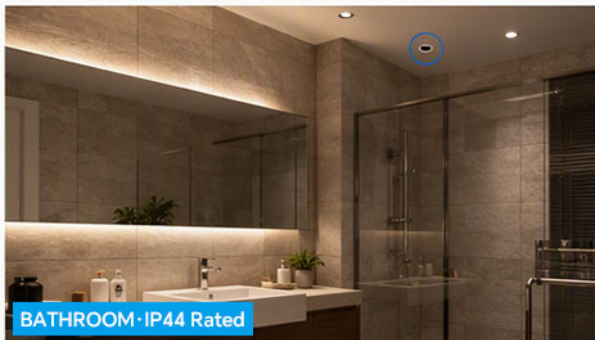
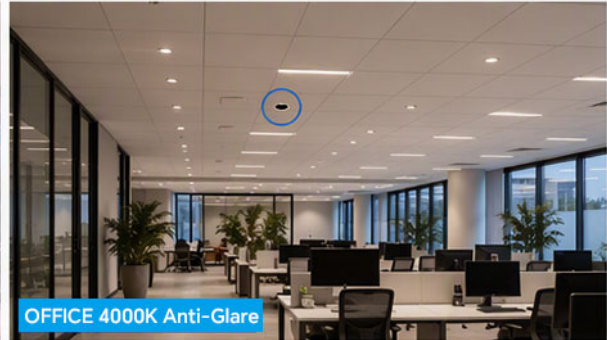
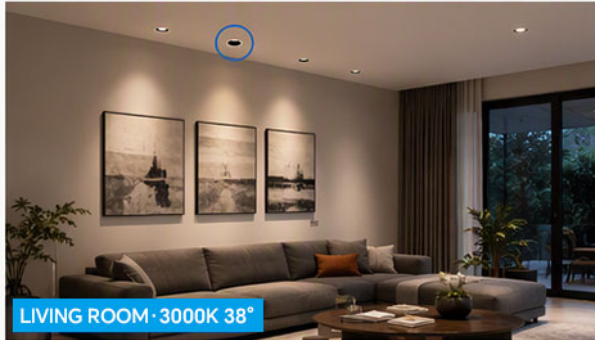
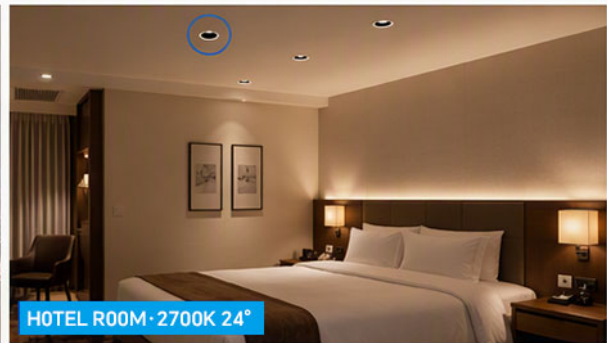
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APPLICATION SCENARIOS

Retail.Hospitality.Residential.Commercial



IES / DIALux evo lighting design for your project

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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



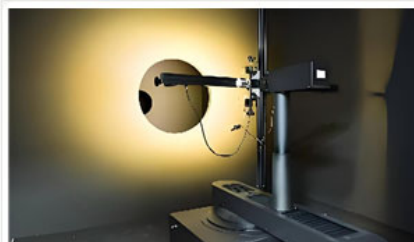
Reception



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

Dongguan Fitlight Lighting Co., Ltd. is a professional integrated source factory focusing on mid-to-high-end commercial & indoor LED lighting, with over 14 years manufacturing experience.

- Factory scale: 3,000+ m² workshop, 200+ workers, 4 assembly lines
- Production capacity: 10,000 pcs daily output, max 300,000 sets monthly
- Qualifications: ISO9001 certified, full export certificates CE, RoHS, EMC, LVD, SAA
- Warranty: All finished LED lights carry unified 5-year global warranty

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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 Inspection

Aging Test

Quality Management System

IC-4 Test
Downlight IC-4 insulation safetyIP65 Test
IP65 waterproof downlight testFire 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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