

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



Dongguan Fitlight Lighting Co.,Ltd.

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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 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	5/7/10/12/15/18/20/25W
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	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	Trimless Recessed COB Spotlight For Commercial Lighting
Key Feature 2	Trimless 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-HGS15-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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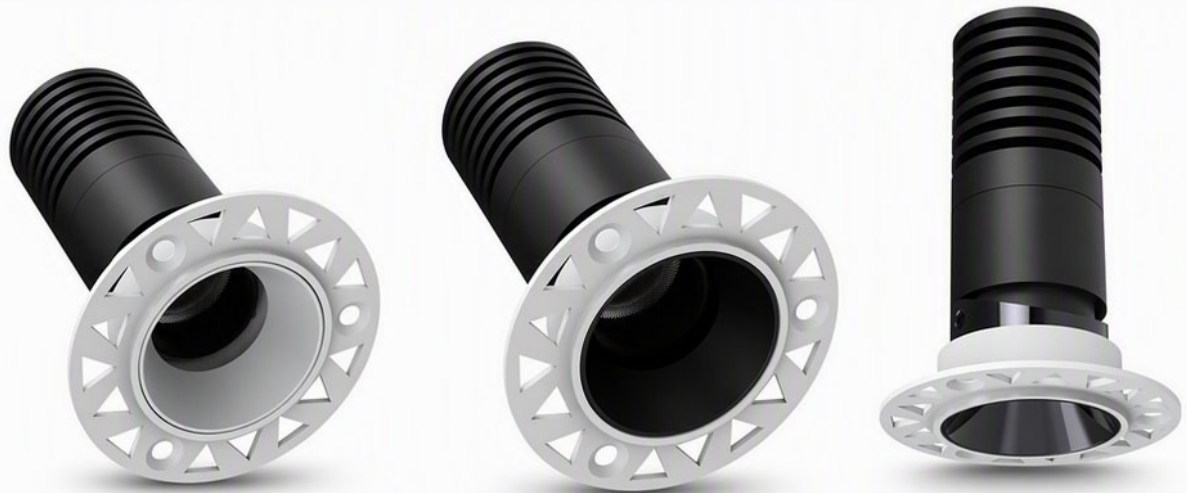


14+ YEARS Lighting Manufacturer

OEM /ODM

Trimless Anti-Glare Spotlight

Deep Recessed, UGR<19



COMPLIANCE



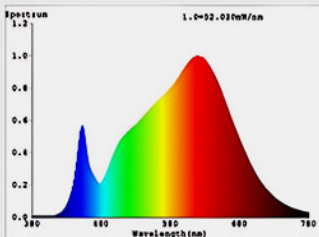
DIMMING OPTIONS



Dongguan Fitlight Lighting Co.,Ltd.

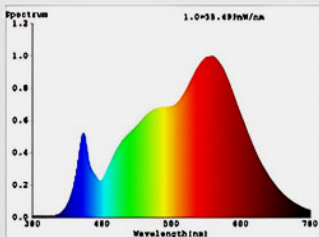
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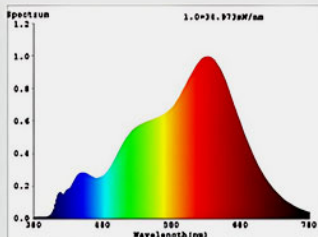
1.0=92.02lm/nm

CRI90



1.0=98.49lm/nm

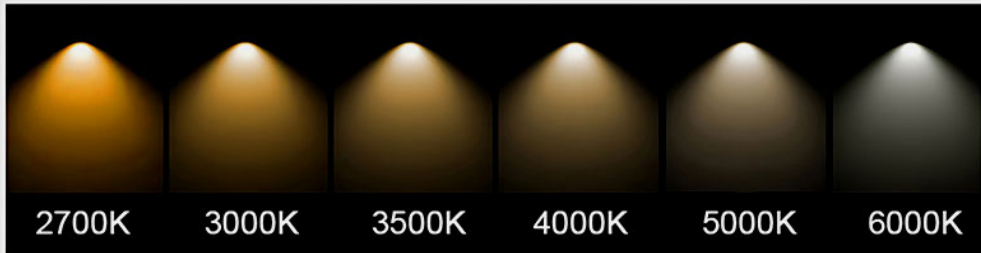
CRI97



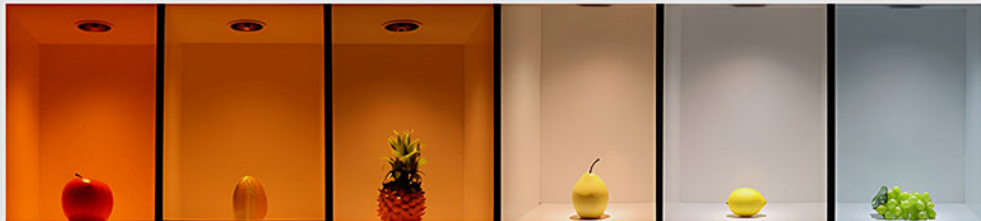
1.0=11.97lm/nm

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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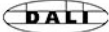
Trimless Deep Anti-Glare Recessed LED Spotlight



MODEL	POWER	CUTOUT	SIZE(mm)	CRI	COLOR TEMPERATURE	WORKING VOLTAGE	
FT-HGS15-5W	5W	40mm	D60*H68mm	≥90	2700K	AC	
FT-HGS15-7W	7W	40mm	D60*H91mm		200-240V		
FT-HGS15-10W	10W	40mm	D60*H110mm			3000K	
FT-HGS15-12W	12W	55mm	D75*H105mm				or
FT-HGS15-18W	18W	55mm	D75*H130mm				
FT-HGS15-12W	12W	65mm	D85*H109mm			100-240V	
FT-HGS15-15W	15W	65mm	D85*H109mm				
FT-HGS15-20W	20W	65mm	D85*H129mm				
FT-HGS15-25W	25W	65mm	D85*H129mm				





















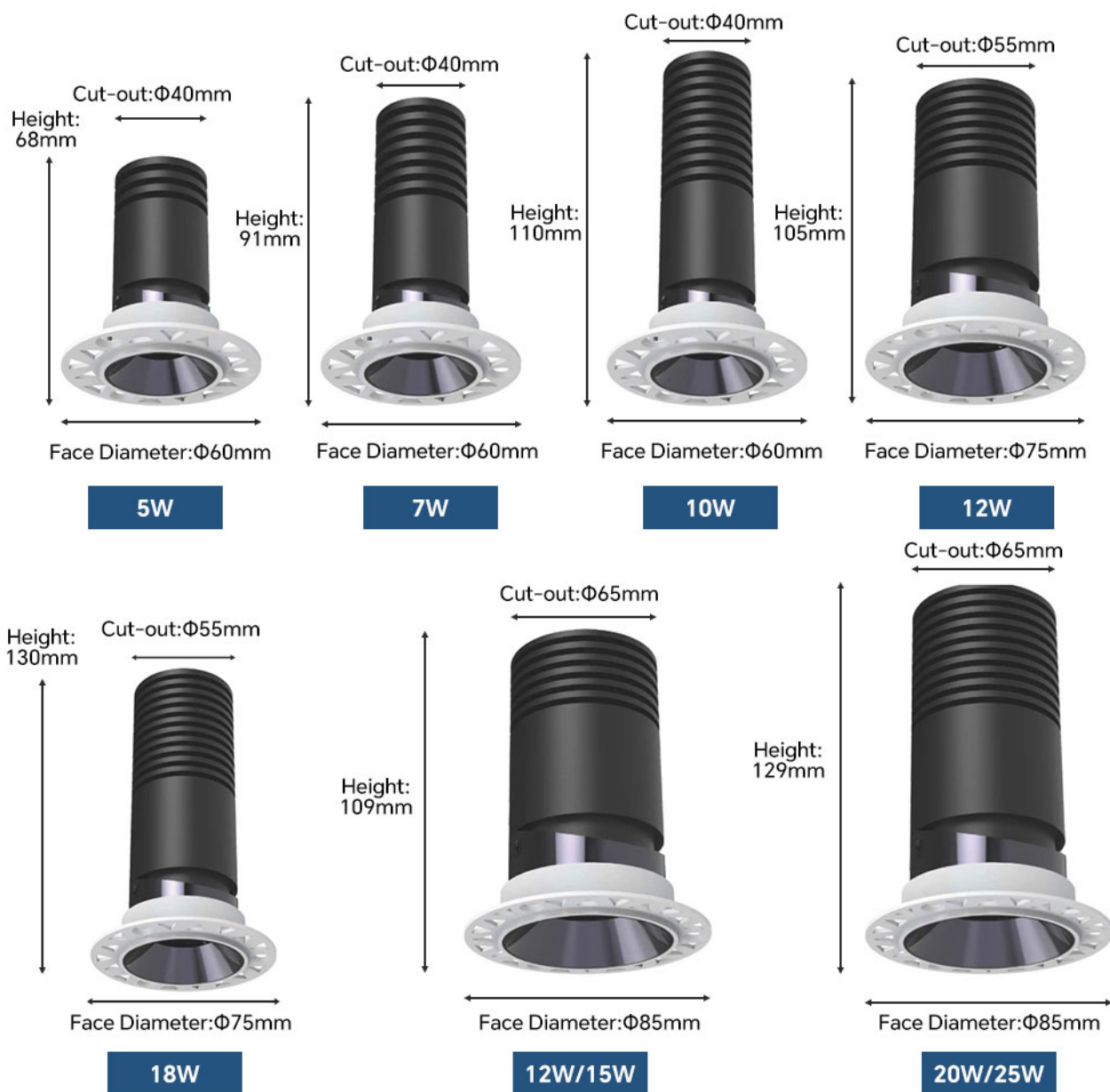


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Product dimensions

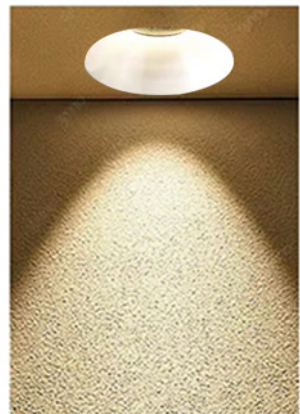
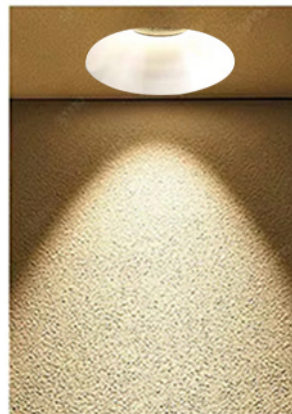
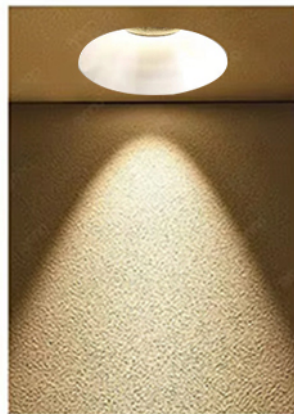


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LIGHTING MANUFACTURING SERVICE



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DIMMABLE

Single color dimmable



TRIAC



0-10V

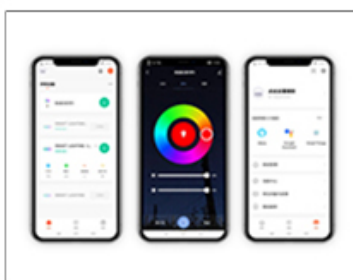


DALI

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

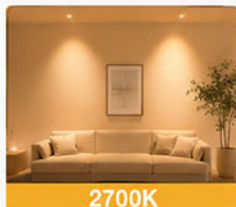


Premium Finish

Clean lines, built to last

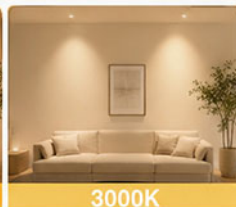
5CCT Selectable

One Light, Your Perfect Color



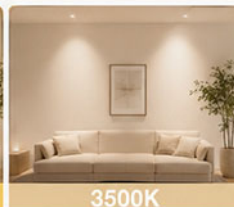
2700K

Warm White



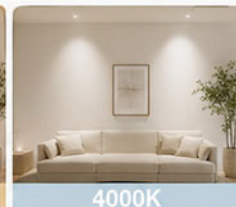
3000K

Soft White



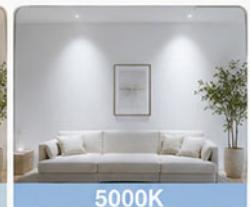
3500K

Neutral White



4000K

Cool White



5000K

Daylight

Smooth Dimming

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



5%



100%

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Color-Temperature Tunable

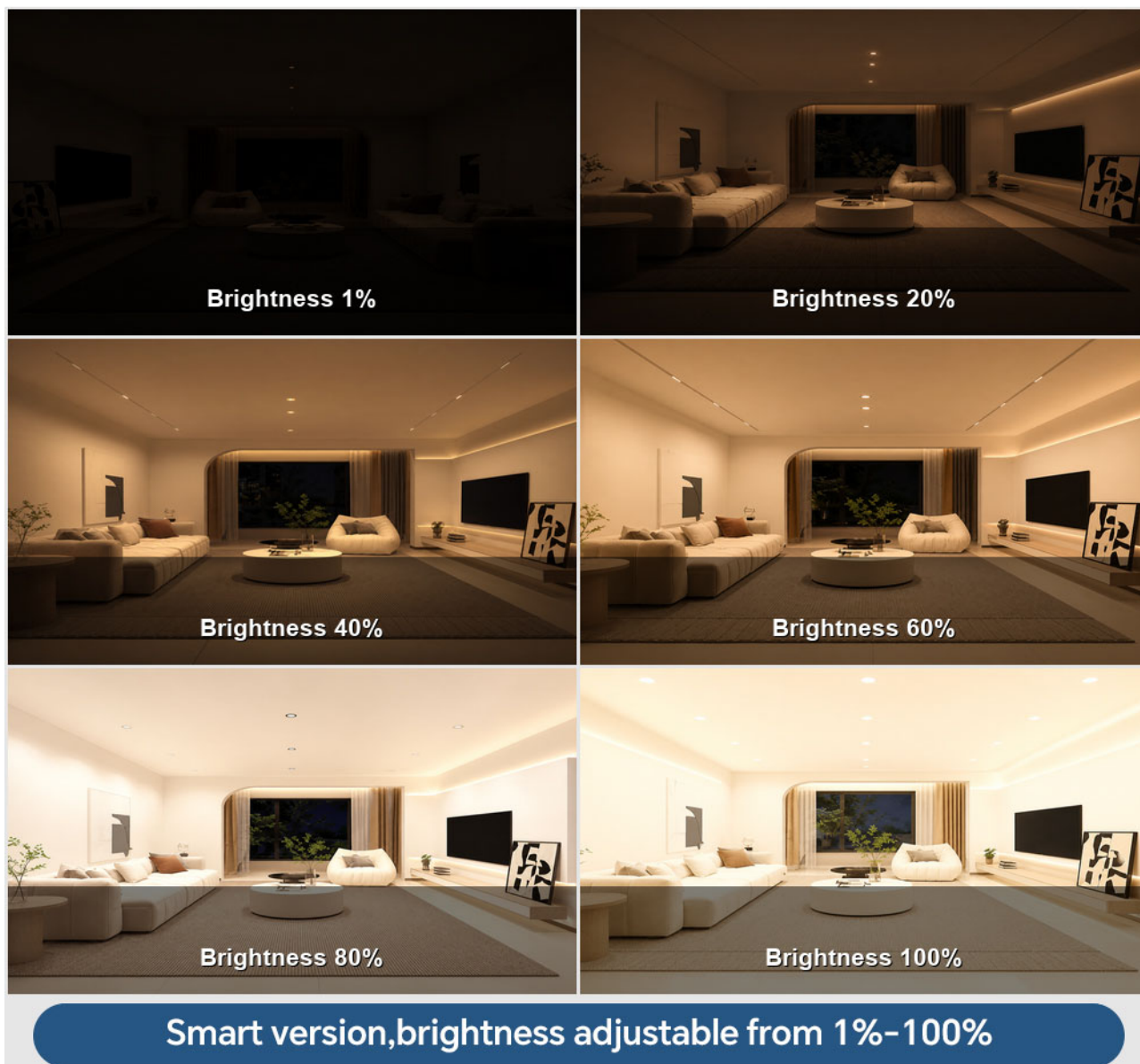


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Smart Dimming Function



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Trimless Anti-Glare Spotlight

CRI > 90 CRI < 80

Multiple beam angles available

15° 24° 36° 50°

Trimless Deep-Recessed Anti-Glare Spotlight

LED chip customization

Driver customization

Dongguan Fitlight Lighting Co.,Ltd.

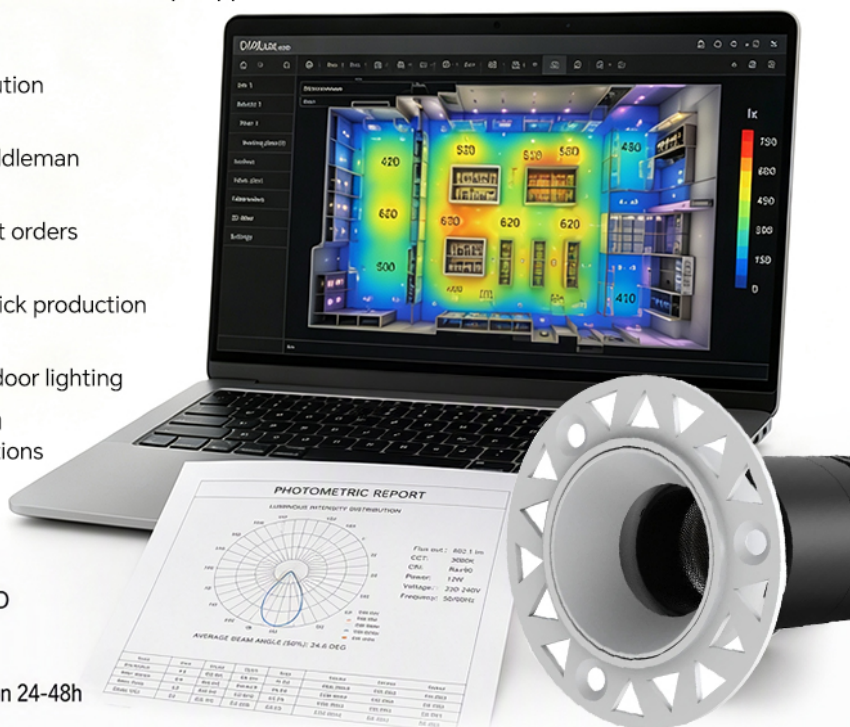
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LIGHTING MANUFACTURING SERVICE

Reliable OEM & ODM Manufacturer · More Than Lamp Supplier

- 1. Optimized Optics Design**
High-quality anti-glare optical solution
- 2. Factory Direct Supply**
Original manufacturer without middleman
- 3. Flexible Order Volume**
Support small-batch & bulk project orders
- 4. Ample Raw-material Stock**
Well-prepared components for quick production
- 5. Strict Anti-glare Test**
UGR inspection for commercial indoor lighting
- 6. Custom Packaging Solution**
Neutral / Private-label packing options



- Send floor plan / CAD
- Free lighting simulation 24-48h
- Sample 3-5 days
- Mass production 10-18 days
- Installation guidance



CUSTOM
CRI · Ra80/90/95



CUSTOM
BEAM · 15°/24°/36°/50°



CUSTOM
CCT · 2700-6000K



CUSTOM
TRIM · White / Black / RAL



CUSTOM
LOGO · Laser / Print



CUSTOM
PACKAGING · Retail / Bulk

CE / EMC / LVD / RoHS · SAA · ISO9001 Certified Factory · 5-year Warranty · MOQ 10 pcs

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Circular Embedded Structure

Split pre-installation / Embedded mounting / Easier maintenance

Cut-out: 40mm/55mm/65mm

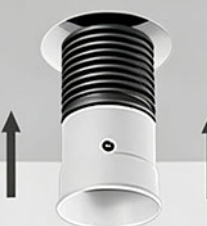


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Installation Instructions

 1. Cut opening with recessed-hole cutter according to lamp cut-out dimension.	 2. Place the embedded part and fix it with screws.	 3. Lay a layer of anti-crack mesh.
 4. Apply putty for 2-3 coats in general. Wait for the first coat to dry before applying the second coat.	 5. Connect driver to power supply, then insert lamp body into the embedded part.	 6. Power-on test.

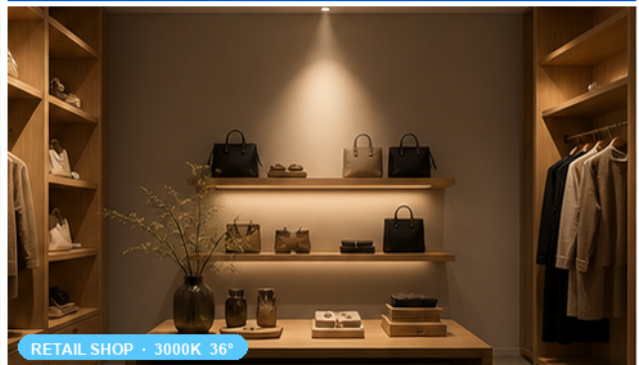
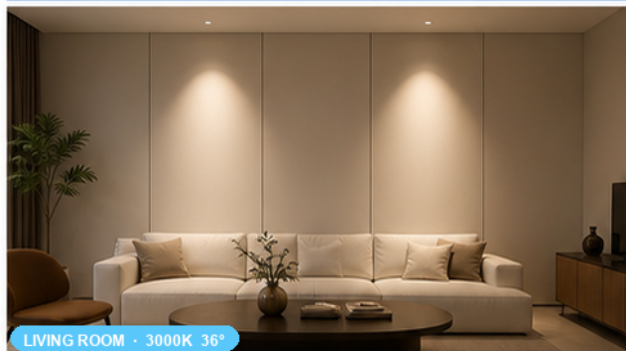
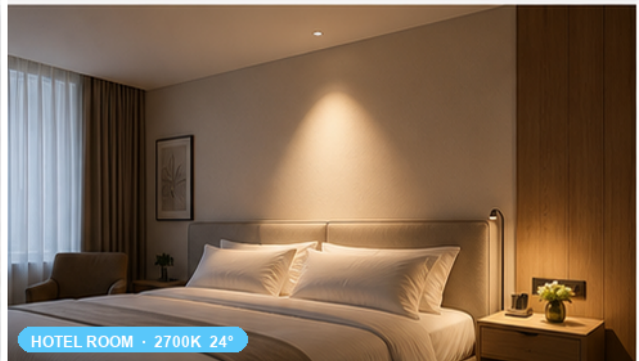
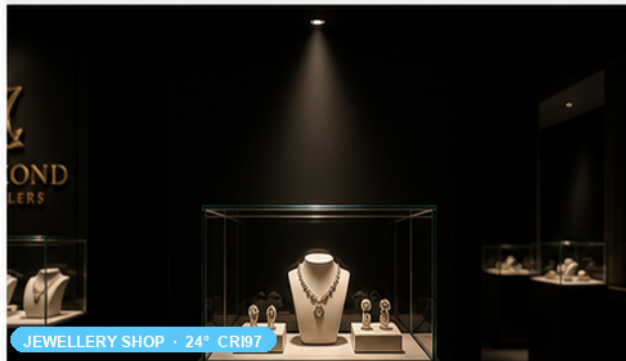
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APPLICATION SCENARIOS

Retail · Hospitality · Residential · Commercial



IES / DIALux evo — Professional 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



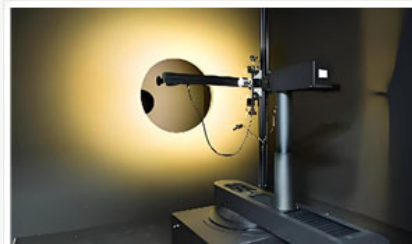
Reception



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

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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



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

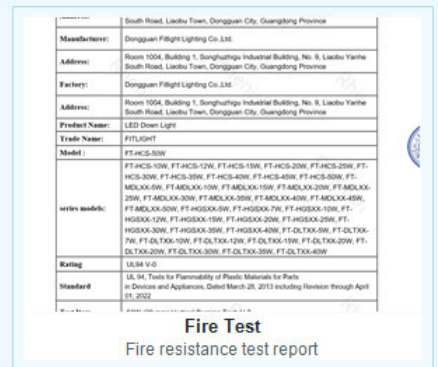
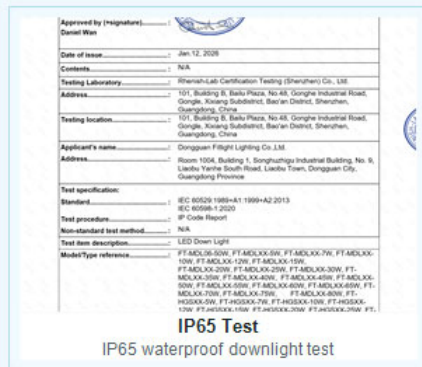
Certified documents and original test reports support import, distribution, project bidding and market access.

5-Year Warranty

100% Final Inspection

Aging Test

Quality Management System



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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