

## SOTECH FYN SE D-MOTION

# SOTECH Domus Line FYN SE D-MOTION LED Under-Cabinet Light with Sensor

Instruction Manual

[Introduction](#)

[Safety Information](#)

[Package Contents](#)

[Setup &](#)

[Installation](#)

[Operating Instructions](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

## 1. INTRODUCTION

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Thank you for choosing the SOTECH Domus Line FYN SE D-MOTION LED Under-Cabinet Light. This product is designed to provide efficient and adjustable lighting for your kitchen or other areas, featuring a built-in sensor for convenient control. Please read this manual carefully before installation and use to ensure proper function and safety.



Image 1.1: SOTECH Domus Line FYN SE D-MOTION LED Under-Cabinet Light.

## 2. SAFETY INFORMATION

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Please observe the following safety precautions:

- Ensure the power supply is disconnected before installation or maintenance.
- This product operates on 12V DC. Do not connect it to a higher voltage power source without a suitable transformer.
- Installation should be performed by a qualified professional if you are unsure about electrical wiring.
- Do not expose the light to direct water spray or high humidity, as it has an IP20 protection rating (not waterproof).
- Do not attempt to modify or disassemble the light fixture.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

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The package includes:

- 1x Domus Line FYN SE D-MOTION LED Under-Cabinet Light with Sensor
- Note: A 12V DC transformer is required but not included in the scope of delivery.

## 4. SETUP & INSTALLATION

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This LED light is designed for installation under wall cabinets or shelves. It features a Micro 12 connector for easy integration into a 12V DC system, typically with a 10-way distributor (not included).

### 4.1. Required Tools (Not Included)

- 12V DC power supply/transformer
- Screwdriver
- Drill (if mounting holes are needed)
- Measuring tape and pencil

### 4.2. Installation Steps

1. **Plan Placement:** Determine the desired location for the light under your cabinet or shelf. Ensure there is enough space for the light (190 x 70 x 5 mm) and that the sensor will not be obstructed.
2. **Mark Mounting Points:** Use the light fixture as a template to mark the screw holes on the underside of the cabinet.
3. **Drill Pilot Holes (if necessary):** Carefully drill small pilot holes at the marked points.
4. **Secure the Light:** Position the light and secure it with appropriate screws.
5. **Connect Power:** Connect the Micro 12 cable from the light to your 12V DC power supply or a compatible 10-way distributor. Ensure correct polarity.
6. **Test Functionality:** Once all connections are secure, connect the power supply to the mains and test the light's operation.



Image 4.1: Example of the LED light installed under a cabinet.



Image 4.2: Multiple LED lights providing illumination in a kitchen setting.



Image 4.3: Close-up view of the installed LED light, showing the sensor.

## 5. OPERATING INSTRUCTIONS

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The FYN SE D-MOTION light features an integrated sensor for intuitive control of power, dimming, and color temperature.

### 5.1. Basic Functions

- **Switch On/Off:** Briefly touch the sensor area to turn the light on or off.
- **Dimming:** When the light is on, touch and hold the sensor area to adjust the brightness. Release when the desired brightness is reached.
- **Color Temperature Adjustment (D-MOTION):** With the light on, quickly touch the sensor area twice to cycle through the color temperature settings (from warm white 2700K to cool white 6000K).



Image 5.1: A hand demonstrating interaction with the light's sensor for control.

## 6. MAINTENANCE

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The LED under-cabinet light requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface. Do not use abrasive cleaners or solvents.
- **LED Lifespan:** The integrated LED module has a long lifespan and is not user-replaceable.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty transformer.	Check power connection; ensure transformer is working; verify cable connections.
Light flickers or dims unexpectedly.	Unstable power supply; incompatible transformer.	Ensure stable 12V DC power; use a compatible LED transformer.

Problem	Possible Cause	Solution
Sensor is unresponsive.	Sensor obstructed; power issue.	Ensure sensor area is clear; check power supply.

## 8. SPECIFICATIONS

Feature	Detail
Model	FYN SE D-MOTION
Manufacturer	SOTECH
Dimensions (External)	190 x 70 mm
Height	5 mm
Material	Aluminum, Polycarbonate
Finish	Brushed Aluminum
Light Source	Dual LED module
Power	5 W
Power Supply	12 Vdc
Lumen Output	300 lm
Color Temperature	2700 - 6000 Kelvin (Variable)
Color Rendering Index (CRI)	Ra ≥ 80
Protection Class	IP20
Safety Class	III
Cable Length	2000 mm
Connector Type	Micro 12
Special Features	Dimmable, Color Temperature Adjustable (D-MOTION), Integrated Sensor

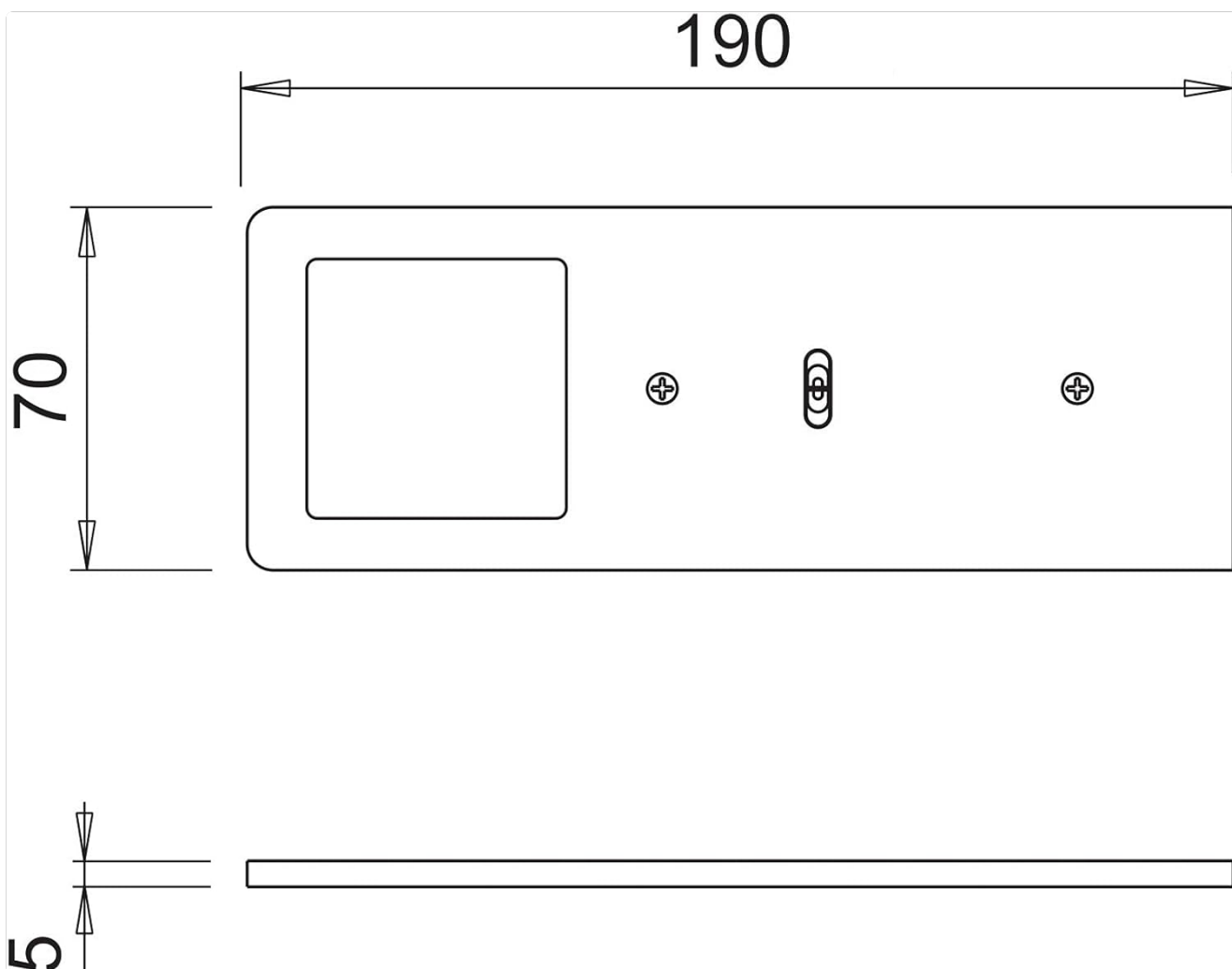



Image 8.1: Technical drawing showing the dimensions (190x70x5 mm) of the LED light.



**ENERG** ⚡

**DOMUS LINE**

Fyn SE D-M

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**A**

**B**

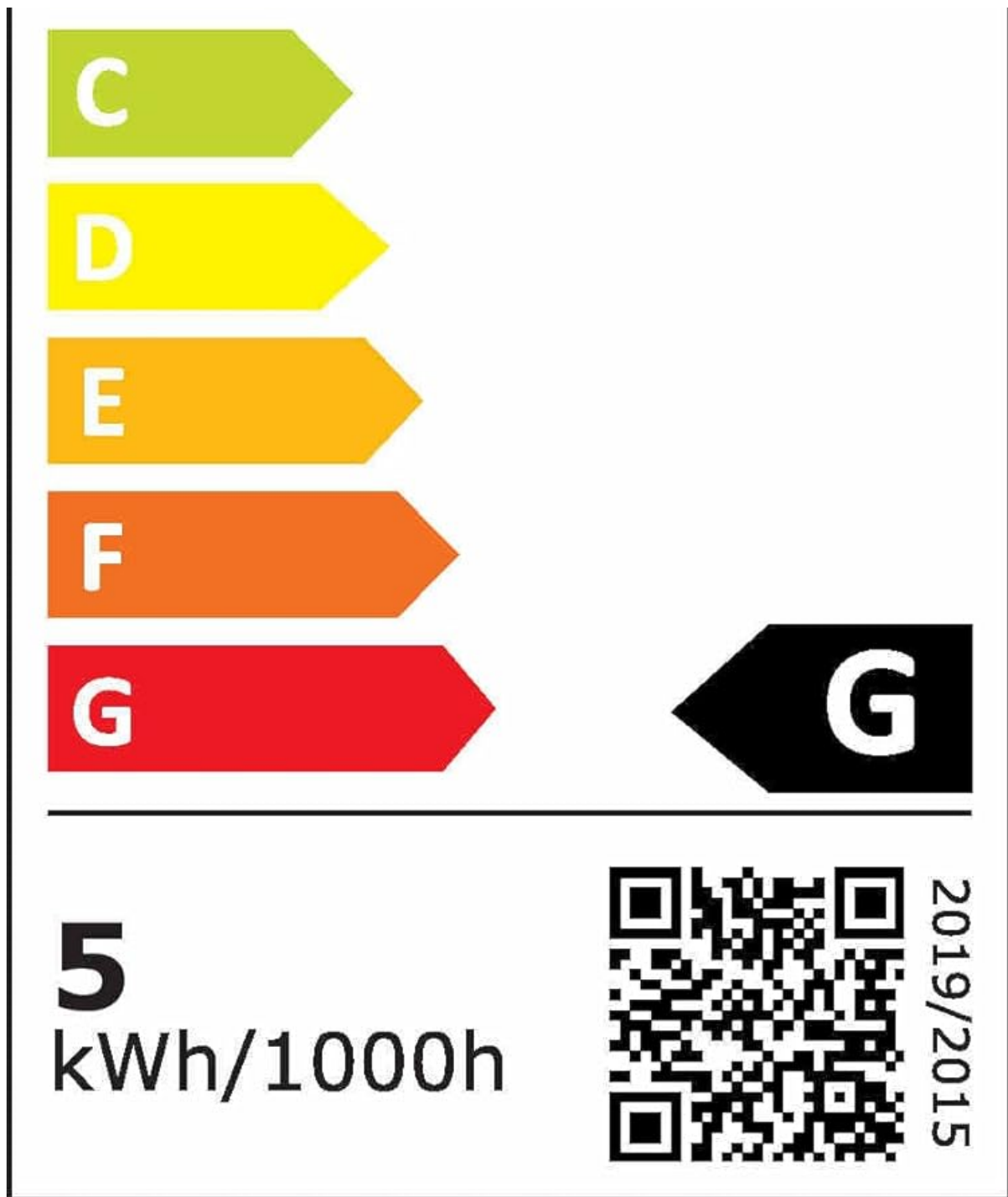


Image 8.2: Energy label for the Domus Line Fyn SE D-M LED light, showing energy efficiency class G and 5 kWh/1000h consumption. For more details, visit [eprel.ec.europa.eu/qr/1478129](http://eprel.ec.europa.eu/qr/1478129).

## 9. WARRANTY AND SUPPORT

For warranty claims or technical support, please contact your retailer or SOTECH directly. Keep your proof of purchase for warranty purposes.

SOTECH is a professional partner in furniture technology, kitchen equipment, hardware, tools, and sanitation from Germany, with decades of experience and extensive knowledge.

