

LED Step Light with Motion Sensor Indoor Recessed Wall Stair Light

Recessed low-level wall light for indoor stairs, hallways, and pathway applications

This recessed LED step light is designed to provide safe, efficient, and modern low-level lighting for indoor environments. Featuring a clean square design with a soft downward light output, it enhances visibility while maintaining visual comfort without glare, making it ideal for staircases, hallways, and pathways.

Available in both motion sensor and switch control versions, this fixture offers flexibility based on installation needs. The PIR sensor version combines motion detection with ambient light sensing, automatically turning on in low-light conditions and turning off after approximately 30 seconds. The non-sensor version provides stable wall-switch control for continuous illumination where needed.

- RECESSED WALL MOUNT
- MOTION SENSOR OPTION
- SWITCH CONTROL



Gray / White / Black / Gold

POWER 2.5W Efficient low-level stair illumination	INPUT AC 85-260V Wide voltage operation	LIGHT QUALITY ≥100 lm/W Energy-efficient LED source
CONTROLS PIR / SWITCH Motion sensor or non-sensor version	DETECTION 120° / 3 m Sensor version activates in low light	WARRANTY / LIFE 50,000 hrs Long-life LED step light

AVAILABLE CONFIGURATIONS

CONTROL	Motion Sensor / Switch Control	FINISHES	Gray / White / Black / Gold
APPLICATION	Stairs / Hallways / Corridors / Pathways		

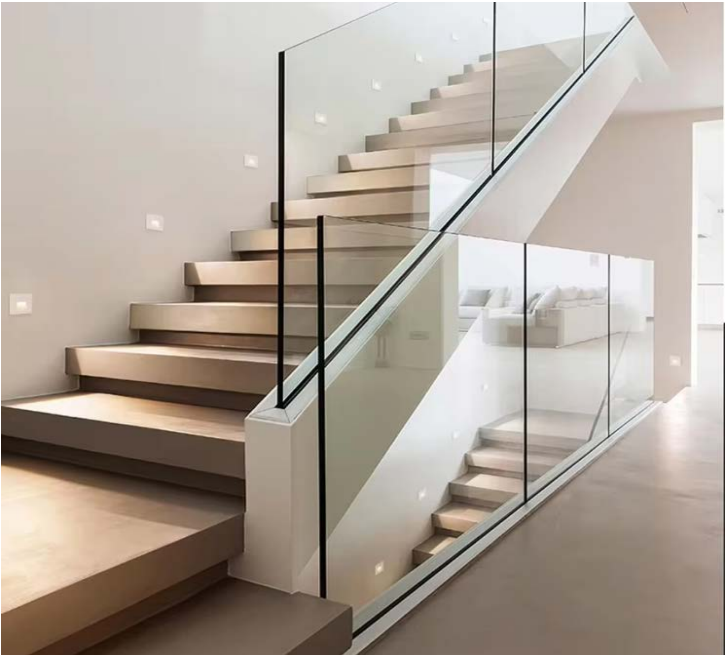
PERFORMANCE AND CONSTRUCTION

Technical Specification

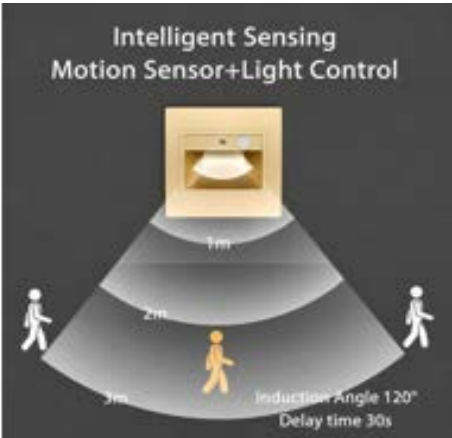
GENERAL / ELECTRICAL / OPTICAL

Product Type	LED Step Light
Installation Type	Recessed Wall Mount
Control Options	Motion Sensor (PIR) / Switch Control
Power Options	2.5W
Voltage	AC 85-260V
Light Source	LED Chips
Luminous Efficiency	≥100 lm/W
Colors	Gray White Black Gold
Detection Angle	120° (Sensor Version)
Detection Range	Up to 3 m (9.84 ft)
Auto Off Time	~30 seconds (Sensor Version)
Material	Durable ABS
Size	95 × 95 mm (3.74 × 3.74 in)
Cut-Out Size	80 × 80 × 50 mm (3.15 × 3.15 × 1.97 in)
Working Temperature	-20°C to +60°C (-4°F to 140°F)
Lifespan	Up to 50,000 hours
Light Direction	Downward / Floor Wash
Application	Stairs, Hallways, Corridors, Pathways

Version	Function
Sensor	PIR motion + light control; low-light activation
Switch	Manual wall-switch operation; continuous lighting
Install	Standard recessed wall box / cut-out



FINISH OPTIONS, SIZE AND CONTROL



FACE SIZE 95 × 95 mm

3.74 × 3.74 in

CUT-OUT 80 × 80 × 50 mm

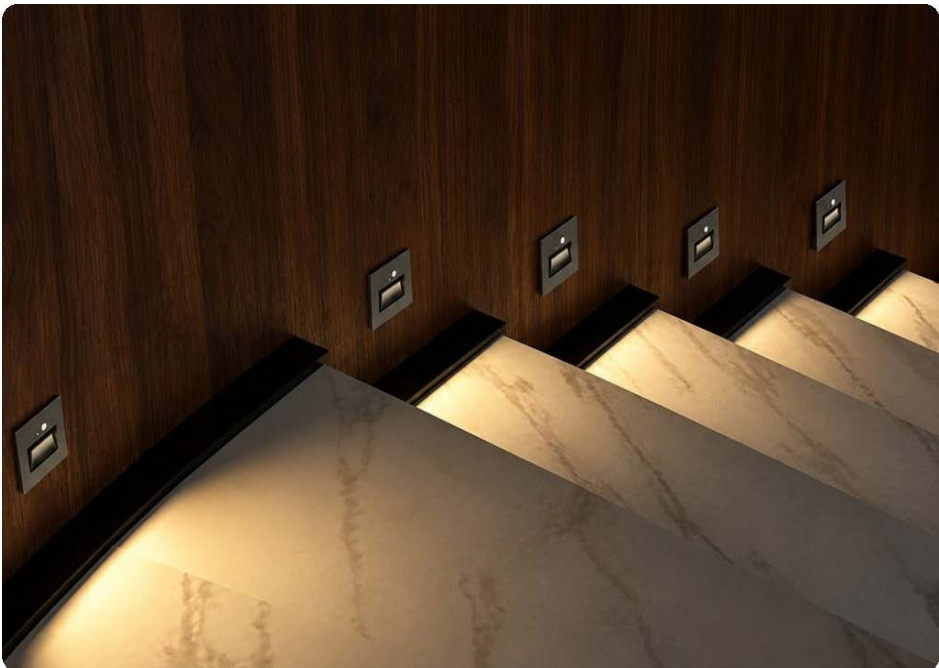
3.15 × 3.15 × 1.97 in

FLEXIBLE LOW-LEVEL GUIDANCE LIGHTING

Design and Installation



Soft downward wash for visual comfort



Typical stair application

RECOMMENDED INSTALLATION SEQUENCE

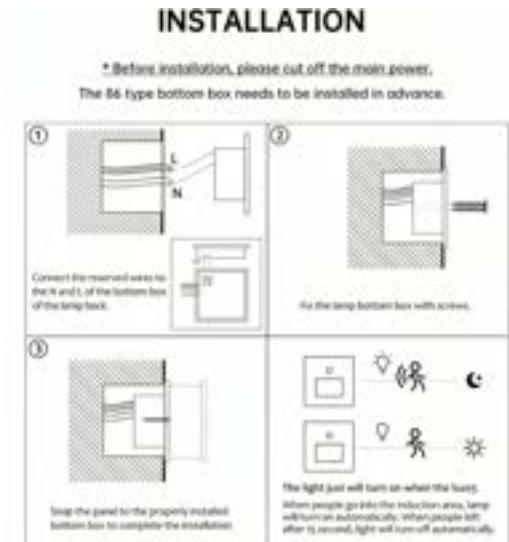
- 1

Isolate the circuit and prepare the recessed box / cut-out in the wall at stair or corridor level.
- 2

Connect line and neutral wiring in accordance with local electrical code and the selected control version.
- 3

Secure the back box or fixture body, then snap or fasten the faceplate flush with the wall surface.
- 4

Restore power and test the light. For PIR units, verify low-light activation, 120° sensing and 30 s auto-off.



DESIGN GUIDANCE

- Sensor lighting: PIR version switches on in low ambient light and turns off automatically after about 30 seconds.
- Switch lighting: choose the non-sensor version where steady guidance lighting is preferred.
- Placement: install consistently along stairs, corridors, or base walls for safe wayfinding.
- Comfort: recessed construction and downward beam help reduce direct glare.
- Finishes: available in black, white, gray, and gold for coordination with interior palettes.

Installation must be completed by a qualified person in accordance with local regulations.

TENDER AND SCHEDULE SUPPORT

Specification and Selection

SUGGESTED SPECIFICATION CLAUSE

Provide an indoor recessed LED step light with square ABS housing and a low-glare downward floor-wash distribution. Fixture shall be rated at 2.5W with integral LED source, AC 85–260V input, and luminous efficiency not less than 100 lm/W. Available control versions shall include a PIR motion sensor with light control or a switch-control non-sensor version. Sensor version shall detect motion within a 120° field up to 3 m (9.84 ft) and switch off automatically after approximately 30 seconds. Available finishes shall include gray, white, black, and gold. Face size shall be 95 × 95 mm (3.74 × 3.74 in) with 80 × 80 × 50 mm (3.15 × 3.15 × 1.97 in) recessed cut-out. Suitable for stairs, hallways, corridors, and pathway applications. Install in accordance with manufacturer instructions and local electrical regulations.



Finish options • sensor / switch versions

PROJECT SELECTION GUIDE

PRODUCT TYPE	LED Step Light / Recessed Wall Stair Light
POWER	2.5W
CONTROL	Motion Sensor (PIR) / Switch Control
SIZE	Face: 95 × 95 mm (3.74 × 3.74 in) Cut-out: 80 × 80 × 50 mm (3.15 × 3.15 × 1.97 in)
COLORS	Gray / White / Black / Gold
INPUT	AC 85–260V
SENSOR DATA	120° detection angle • up to 3 m (9.84 ft) range • ~30 s auto-off
APPLICATION	Indoor stairs / hallways / corridors / pathways