LUXION LXD-WF-86WK Wi-Fi Smart Underfloor Heating Thermostat

Wi-Fi smart thermostat for underfloor heating, with touch panel, control via Tuya / Smart Life and support for Alexa and Google Home.





Black



White

CODES

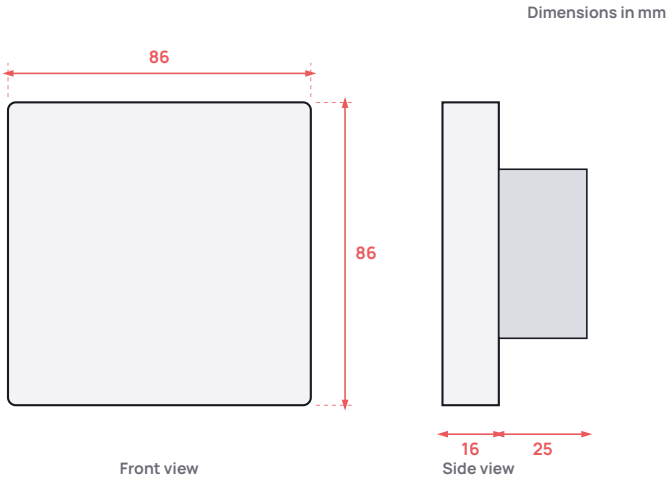
Colour	Code	EAN
● Black	LXD-WF-86WK-B	4000816239478
○ White	LXD-WF-86WK-W	4007451016068

SPECIFICATIONS

Brand	LUXION
Category	Smart home › Wi-Fi thermostats
Connectivity	Wi-Fi
Product type	Wi-Fi smart underfloor heating thermostat
Operation	Touch panel; manual mode, weekly programme, sleep mode, child lock
Operating voltage	AC 90–240 V
Frequency	50/60 Hz
Rated current	Maximum 16 A
Output	240 V / dry contact
Heating applications	Electric heating (up to 16 A), zone heating or pump (up to 5 A), boiler (dry contact)
Neutral (N)	Yes (N terminal)
Temperature sensor	NTC
Protocol	Wi-Fi
Compatibility	Tuya / Smart Life app, Google Home, Alexa, IFTTT
Front material	Safety glass
Base material	Flame-retardant PC + ABS
Front dimensions (W ×	86 × 86 mm

Depth	41 mm overall (front 16 mm + rear section 25 mm)
Mechanism dimensions	Height 48 mm, depth 25 mm
Mounting	Flush-mounted
Service life	100,000 cycles (mechanical)
Certifications	CE, RoHS
Colours	black, white

DIMENSION DRAWING



DESCRIPTION

The Luxion smart thermostat allows efficient control of underfloor heating systems and is compatible with the Tuya and Smart Life apps, for easy operation directly from your mobile phone.

It features Wi-Fi connectivity and compatibility with Google Home and Alexa. Its modern design, touch panel and durable materials make it suitable for any home.

- Suitable for electric heating, zone heating (or pump) and boiler heating via a dry contact
- Weekly programming, manual mode and sleep mode
- Display of room temperature, set temperature and humidity
- Child lock

glance, while operation is by touch buttons.

- Room temperature and set temperature
- Humidity
- Day of the week and time
- Weekly programme period
- Manual mode, weekly programme mode and sleep mode
- Child lock indicator
- Electric heating and water heating indicators
- Fault indicator
- Buttons: Mode (M), Time or programme, Power, Up, Down

App control

Control and programming from your mobile phone via Wi-Fi.

- Tuya / Smart Life apps
- Voice control with Google Home and Alexa
- IFTTT compatibility

- Height: 86 mm
- Front panel thickness: 16 mm
- Rear section depth: 25 mm
- Rear section height: 48 mm

Installation / wiring diagram

Wiring diagrams are available for three heating applications.

- Electric heating: maximum load 16 A, terminals 1: L1 (LOAD), 2: N1 (LOAD), 3: N, 4: L, NTC sensor
- Zone heating (or pump): maximum load 5 A, terminals 1: Open (valve), 3: N, 4: L, NTC sensor
- Boiler heating: maximum load 16 A, terminals 3: N, 4: L, dry contact, NTC sensor