

135 STW Select-the-Weather Panels







The 135 STW Select-the-Weather panels are a DALI-compatible range of user interfaces that allow control of the lighting system. Each module is fitted with indicator LEDs and an infrared receiver for remote operation.

Designed to fit both DIN and UK standard back boxes, the panel lets you select your desired illuminance and colour temperature scene from four preprogrammed scenes that can aid your circadian rhythms.

These scenes have been designed for affecting mood, focus, motivation, concentration, safety, efficiency, and productivity. So you can select the light condition that is more appropriate for your current task.

You can choose among the following scenes:

OPTION	EFFECT	WHEN TO USE	COLOUR TEMPERATURE	LIGHT OUTPUT
	Calm down	High stress period	Warm	80 %
	Energise	Early morning	Cool	100 %
	Concentrate	Thinking process & presentation	Intermediate	50 %
	Stay alert	Normal daily work	Changing naturally	90 %



Key Features

- Choice of black or white modules.
- Simple connection: out-of-box operation.
- Designed to fit DIN and UK standard back boxes.

Module Types

The following modules are available:

- White: 135 STW.
- Black: 135 STWB.

The light scenes are factory preprogrammed in Helvar LL-iC-Dynamic drivers. You can connect a presence sensor, such as the Helvar 311 Ceiling PIR Detector to the system, to turn the lights off automatically when the room is unoccupied.

The 135 STW Select-the-Weather set up is as follows:



Technical Data

Connections

DALI cable: Removable connector block
Wire size: 0.5 mm² – 2.5 mm²
Solid or stranded

Cable rating: All cables must be mains rated.

Power

DALI supply input: 13 V to 22.5 V

DALI consumption: 10 mA

Operation

IR frequency: 36 kHz

Mechanical data

Dimensions: 31.8 mm × 35.4 mm × 48.4 mm

Module weight: 41 g with DALI connector

IP code: IP30

Operating conditions

Ambient temperature: 0 °C to +40 °C

Relative humidity: Max. 90 %, noncondensing

Storage temperature: –10 °C to +70 °C

Conformity and standards

EMC emission: EN 61000–6–3

EMC immunity: EN 61547

Safety: EN 60669–1

Environment: Complies with WEEE and RoHS directives.

DALI data transfer: 135 STW panels use a data protocol which conforms to the DALI protocol.

Dimensions (mm)

