

# 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 mm<sup>2</sup> – 2.5 mm<sup>2</sup>  
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)

