

19xxx & 290x ILLUSTRIS Panels

ILLUSTRIS® is a contemporary user interface with advanced lighting control features. Its sleek design incorporates touch-sensitive technology to provide an intuitive and familiar user experience. Integrated Bluetooth® connectivity expands the control possibilities to smartphones and tablets via the SceneSet® app for iOS and Android.

The panel range allows for easy-to-use control of lighting control systems and DALI Type 8 colour devices. They provide out-of-the-box ability to modify, store and recall intensity, colour temperature or colour scenes (CT and x-y). They can also be integrated into Helvar's DIGIDIM or Imagine systems.

Designed for easy installation, the ILLUSTRIS panels consist of two parts, which are shipped separately: a DALI Interface (290x) and a Front Fascia (19xxx).

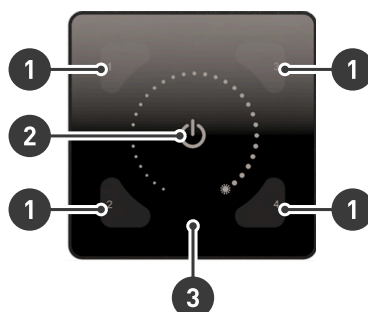
The ILLUSTRIS DALI Interface can be installed and used to operate the lighting without the Front Fascia either from the SceneSet app or from a touch-sensitive area*. A decorator's cover protects it during the final stages of a building project, before the Front Fascia is attached.

Key Features

- Standalone controller and user interface
- Networkable on DIGIDIM or Imagine router systems
- Minimal setup / Out-of-box operation
- Capable of creating, storing and recalling four lighting scenes
- Fully DALI-compatible
- Supports DALI Type 8 colour temperature and x-y colour presentation
- Available in a variety of front fascias for different controls, including customised versions
- Glass and plastic front fascia finishes
- App control via SceneSet mobile app (iOS and Android)
- Designed to fit UK, DIN and similar back boxes.
- Detergent and moisture tolerant, protection up to IP44 class for environments requiring high cleanliness

Common controls (all panels)

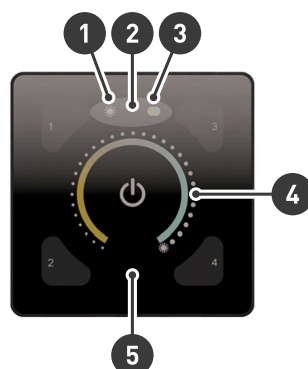
191PB



1. Scene recall buttons
2. Last level / Off button
3. Hidden 'cleaning' button

Colour temperature panels (192xx)

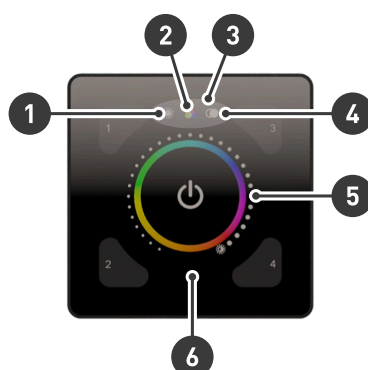
192PB



1. Intensity mode indicator
2. Mode selector
3. Colour temperature mode indicator
4. Intensity / Colour temperature horseshoe control (depending on selected mode)
5. Colour-temperature tell-back LED

Colour panels (193xx)

193PB



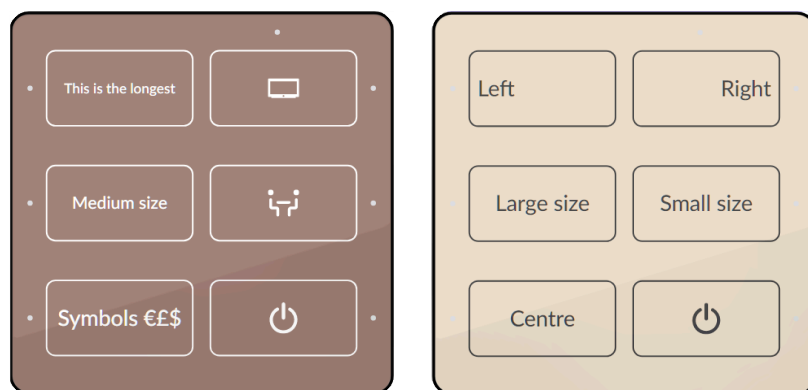
1. Intensity mode indicator
2. Hue mode indicator
3. Mode selector
4. Saturation mode indicator
5. Intensity and saturation horseshoe control / Hue (colour) control circle (depending on selected mode)
6. Colour tell-back LED

ILLUSTRIS Custom panels

You can customise the ILLUSTRIS front fascias to support your project requirements in a lighting router system.

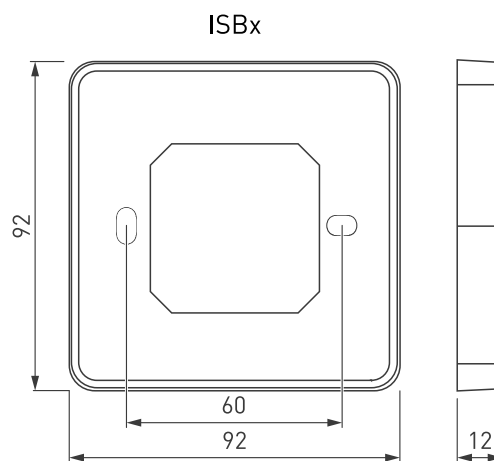
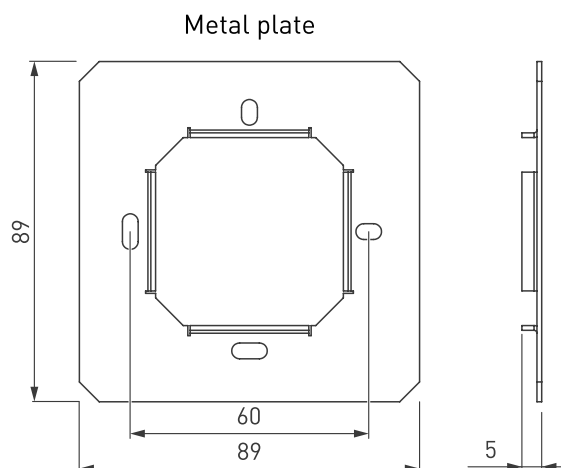
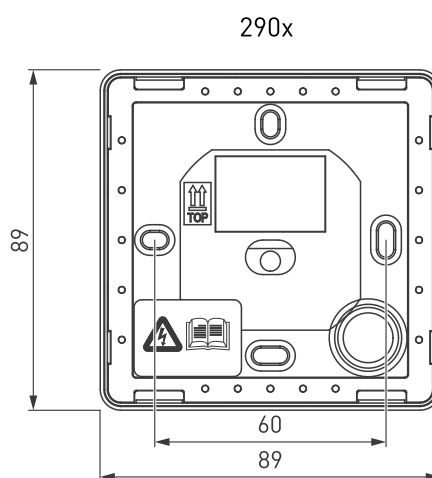
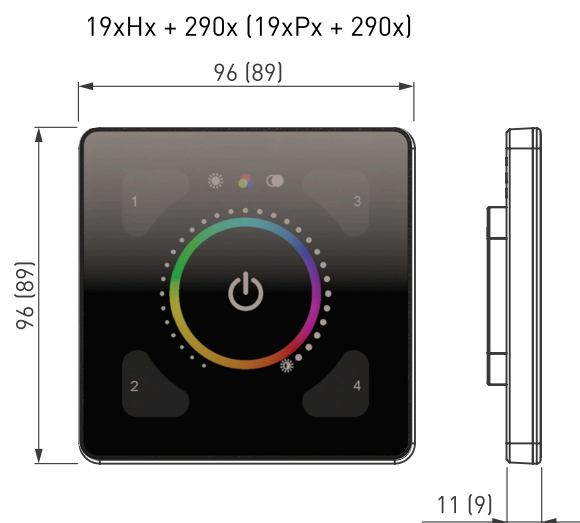
Choose from:

- 18 different panel layouts
- 23 RAL background colours
- Black or white bezels
- Glass or plastic materials
- Label buttons with text or in-built icons
- Selectable button text size and justification settings



For customisation support, contact your local Helvar sales representative.

Dimensions (mm)



Models and Finishes

Order code	Description	Functions
191HB/HW, 191PB/PW	Scene control Front Fascia, Glass: Black / White; Plastic: Black / White	Four scenes, off/last level and intensity control
192HB/HW, 192PB/PW	Colour temperature control Front Fascia, Glass: Black / White; Plastic: Black / White	Four scenes, off/last level and intensity/colour temperature control
193HB/HW, 193PB/PW	Full colour control Front Fascia, Glass: Black / White; Plastic: Black / White	Four scenes, off/last level, and intensity/hue/saturation control
290B / 290W	ILLUSTRIS DALI Interface, Plastic: Black / White	On/off, Bluetooth® connectivity
2XXHL (Glass), 2XXPL (Plastic)	Custom Front Fascia from palette of 18 layouts	Custom scenes, off/last level, and intensity/hue/saturation/colour-temperature control, custom icons and labelling

Accessories

Order code	Description	Functions
ISBW (White), ISBB (Black), ISBC (Clear)	Silicone gasket with support plate for glass models	Provides IP44 protection class

Technical Data

Connections

DALI:	Push-fit terminals. Wire section: 0.5–1.5 mm ² , solid or stranded
Cable rating:	All cables must be mains rated.

Electrical data

DALI supply input:	9.5–22.5 V
DALI consumption:	Typical: 22 mA @ 16 V Maximum: 40 mA @ 9.5 V

Wireless connectivity

Technology:	Bluetooth® Smart™
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Operating and storage conditions

Ambient temperature:	0 °C to +50 °C
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

Mechanical data

Dimensions:	19xHx: 96 × 96 mm 19xPx: 89 × 89 mm 290x: 89 × 89 mm
Weight:	19xHx: 150 g 19xPx: 90 g 290x: 50 g
Material:	19xHx: Glass 19xPx: Acrylic (PMMA) 290x: Flame-retardant PC/ABS
IP rating:	IP30 IP44 with ISBW/ISBB silicone gasket with 19xHx types fascia.

Conformity and standards

Conformity:	 
EMC emission / immunity:	EN 55015 / EN 61547
DALI:	IEC 62386 (Part 209: CT and x-y control only)
RED:	EN 300 328, EN 301 489-1, EN 301 489-17
Safety:	EN 60669-2-1
FCC:	Contains FCC ID: WAP2005.
Environment:	Complies with WEEE, RoHS and REACH directives.

Compatibility

Designer:	5.3.0 or later for standard panels 5.4.3 for custom panels
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