

# 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.

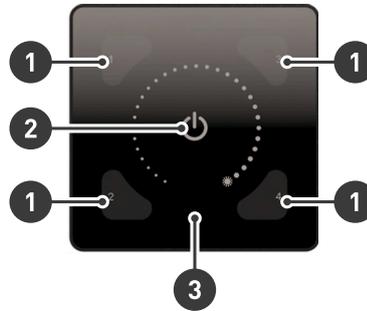
The panel range allows for easy-to-use control of lighting control systems and DALI Type 8 colour devices. They provide out-of-the-box ability to modify, store and recall intensity, colour temperature or colour scenes (CT and x-y). They can also be integrated into Helvar's DIGIDIM or Imagine systems.

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.

## Common controls (all panels)

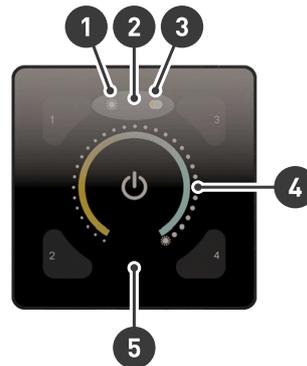
191PB



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

## Colour temperature panels (192xx)

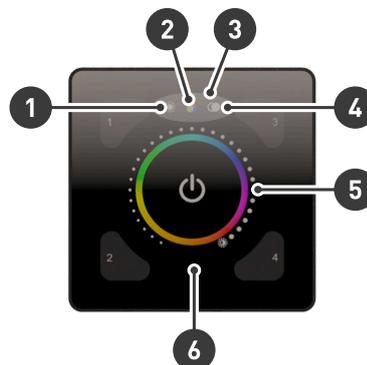
192PB



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

## Key Features

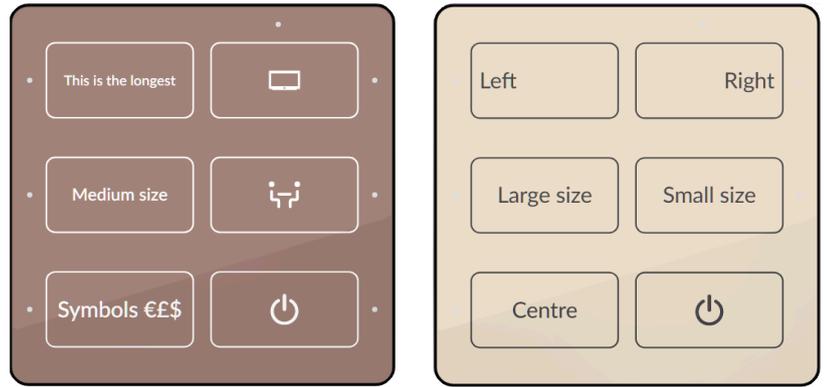
- Standalone controller and user interface
- Networkable on DIGIDIM or Imagine router systems
- Minimal setup / Out-of-box operation
- Capable of creating, storing and recalling four lighting scenes
- Fully DALI-compatible
- Supports DALI Type 8 colour temperature and x-y colour presentation
- Available 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

# ILLUSTRIS Custom panels

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

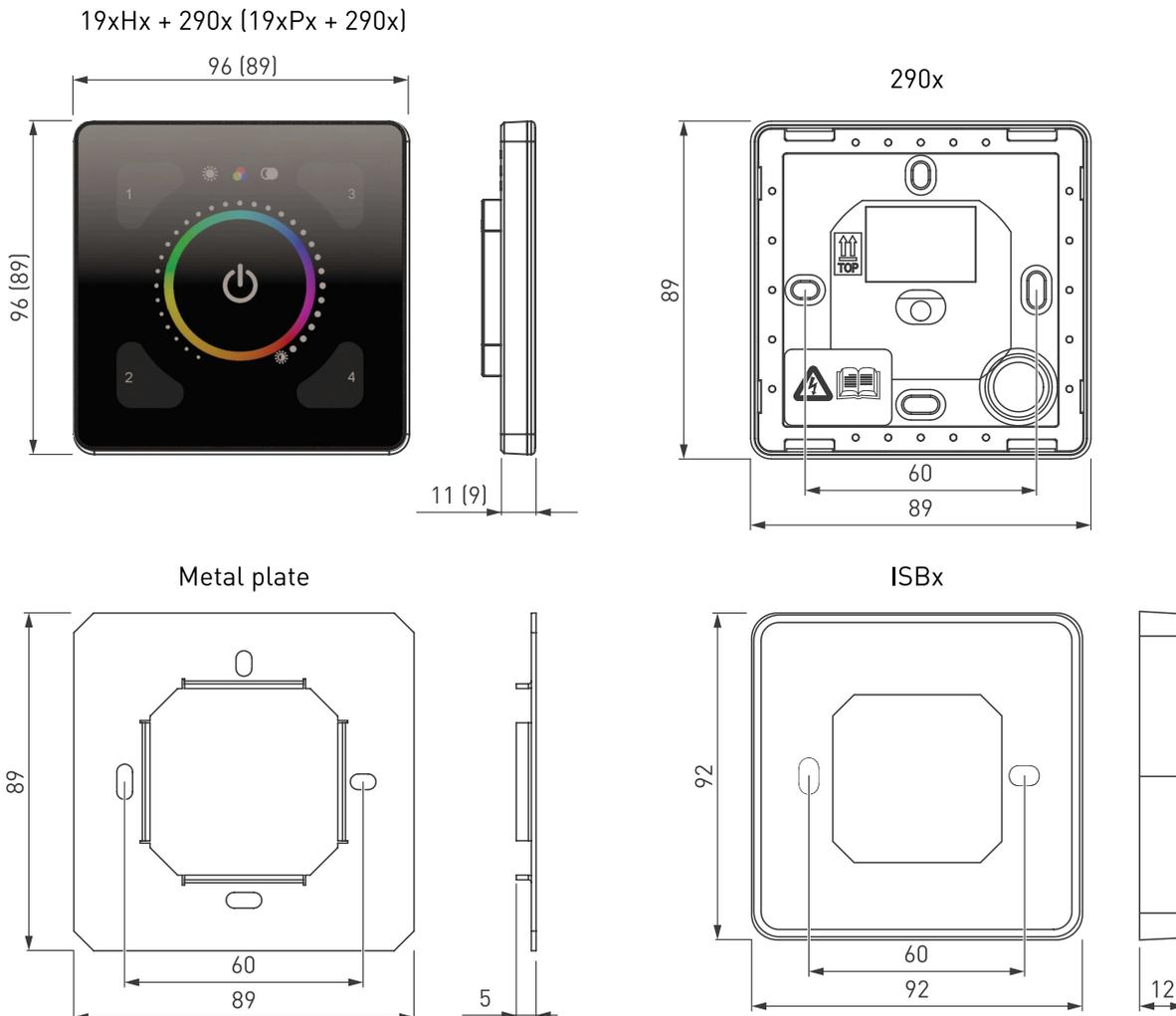
Choose from:

- 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 <sup>2</sup> , 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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